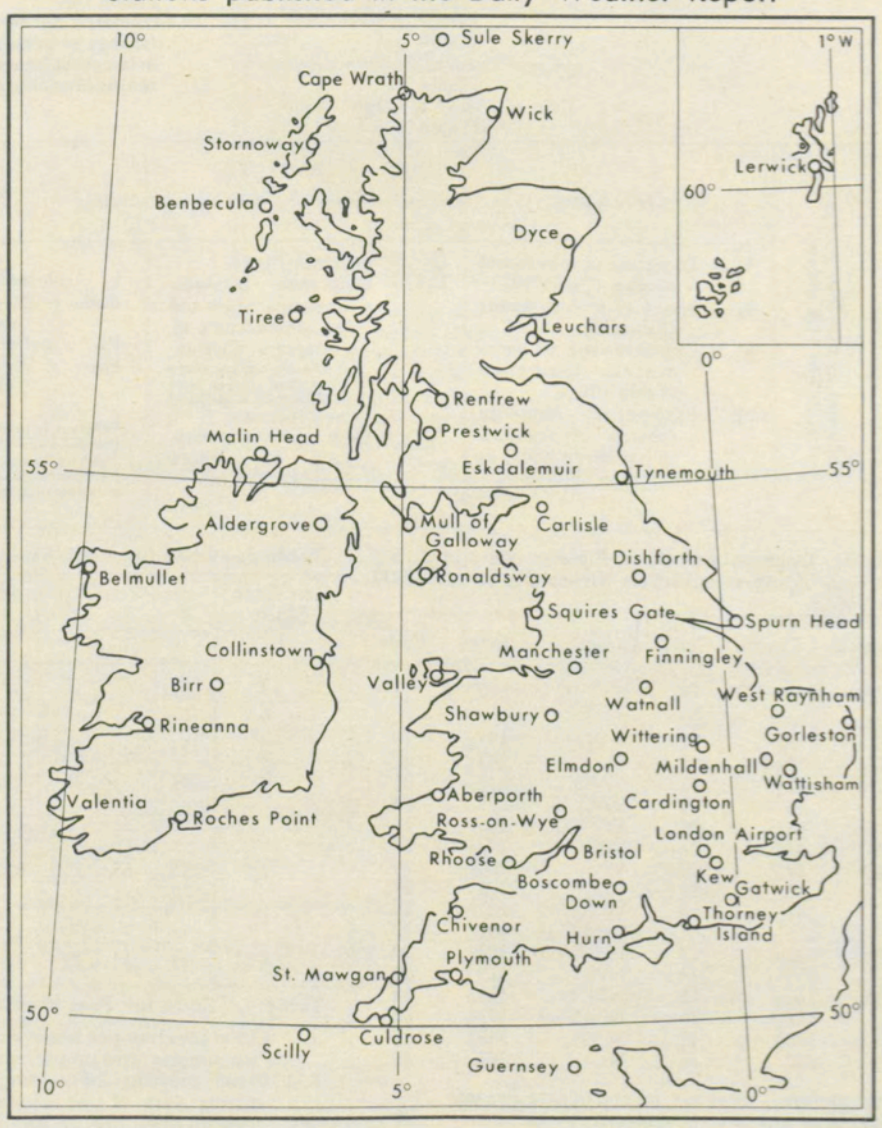
THE DAILY WEATHER REPORT

(INTRODUCTION)

1st January to 31st March, 1964

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 = Fraction of celestial dome covered by C_L (or C_M if no C_L). C_L = Form of low cloud (Table 6). h = Height above ground of base of lowest cloud (Table 9). C_M = Form of Medium Cloud (Table 7). C_H = Form of high cloud (Table 8).	T_dT_d = Dew point temperature in whole degrees Celsius. a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	8 = Indicator figure. N_s = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h_sh_s = Height of base of cloud (Table 12).	RR = Rainfall (Table 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 (in tens of degrees) from which waves come (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	6½	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.

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

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

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

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

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

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

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

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

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

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

Table 12.—Code for Height of Cloud (h_sh_s) (Code 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		CODE FIGURES 90–99*	
81	= 35,000 feet	90	= less than 150 feet
82	= 40,000 ,,	91	= 150–300 ,,
83	= 45,000 ,,	92	= 300–600 ,,
84	= 50,000 ,,	93	= 600–1,000 ,,
85	= 55,000 ,,	94	= 1,000–2,000 ,,
86	= 60,000 ,,	95	= 2,000–3,000 ,,
87	= 65,000 ,,	96	= 3,000–5,000 ,,
88	= 70,000 ,,	97	= 5,000–6,500 ,,
89	= above 70,000 feet	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 or ice on ground but no snow or melting snow.
5 ... Snow or melting snow (with or without ice) covering less than one half of ground.
6 ... Snow or melting snow (with or without ice) covering more than one-half of ground (but not completely).
7 ... Snow or melting snow (with or without ice) covering ground completely.
8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).
9 ... Loose dry snow, dust or sand covering ground completely.

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

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

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

	kt.
0 =	0
1 =	1–3
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 or less
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.
0 =	<½	<1
1 =	½	1½
2 =	1	3
3 =	1½	5
4 =	2	6½
5 =	2½	8
6 =	3	9½
7 =	3½	11
8 =	4	13
9 =	4½	14
/ =	Height not determined.	

50 added to d_wd_w

	m.	ft.
0 =	5	16
1 =	5½	17½
2 =	6	19
3 =	6½	21
4 =	7	22½
5 =	7½	24
6 =	8	25½
7 =	8½	27
8 =	9	29
9 =	9½	30½

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 1½ 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 ⅜ covered. Sky ⅝ covered. Sky ⅞ covered.
Sky ⅝ covered. Sky ⅝ covered. Sky ⅞ Covered Sky ⅛ 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.
Cold Front on the surface.
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 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.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

D.G.

No. 99

MONTHLY SUMMARY

For MARCH 1964

VERY DULL, COLD AND WET

During the first ten days of the month the weather in most parts of the British Isles was dominated by anticyclones first to the east and then to the north of the country, giving a spell of several days of cold east to northeast winds over much of England and Wales. On 11th the main anticyclone became established over Scandinavia and until 19th a cold southeasterly airstream affected most areas though it was temporarily milder over some districts on 13th and 14th. From 19th to 24th the situation became cyclonic with depressions west of Ireland but pressure rose over the British Isles on 25th and 26th. From 27th until the end of the month much of the country was again within the circulation of an anticyclone which was centred well to the northeast of the British Isles.

With easterly winds affecting all areas during the first few days of the month temperatures remained several degrees below the seasonal average and only in the Channel Islands and southwest England was it sunny and mild. A period of continuous sleet and snow affected much of the country on 4th but this did not persist and although it remained cold for several days variable skies brought periods of sunshine interspersed with light sleet or snow showers to most districts. On 9th cloud with rain and drizzle moved across northern England and Scotland but it was sunny and dry in most of England, Wales and Northern Ireland and it became milder. On 12th fronts associated with an Atlantic depression moved across from western counties giving widespread rain. It became very mild and considerable rainfall occurred in all districts. Maximum temperatures fluctuated markedly during this period. At London Airport for example a maximum temperature of 15°C on 13th was seven degrees higher than on the previous day but by the 15th it was 5°C, ten degrees lower, as easterly winds from the continent prevailed.

Rain moving northeast from the Atlantic on 17th was preceded by a period of snow but brought rising temperatures in its wake in southern districts. Wet weather persisted for several days over England and Wales but temperatures remained low in Scotland and northern England. Cloudy showery weather extended to all areas and by 20th it became mild except in eastern Scotland. More general rain extended from the west to all areas on 23rd and continued through the next day. The following two days were mainly dry and it was mild and sunny away from eastern coasts. The cloudy cold weather extended westward to affect all parts of England and Wales during the next few days of the month and only in the extreme north were maximum temperatures near the seasonal normal.

Mean maximum temperatures were up to 3½ centigrade degrees lower than normal everywhere except Stornoway. Sunshine duration totals were very low and many places had record lowest totals. Rainfall was high for March with many places recording about twice the average. An exception was Stornoway, which by contrast, recorded a new lowest total.

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	07.4	-2.7	03.1	-0.2	13.9	13	-01.4	10	13	03	13	10.3	26	071	063	1880	183	1907	057	1888	19	21	14	083	224	1866	118	1947	.7	1929	01	08	00
Thorney Island	07.7	-2.6	02.8	+0.1	12.9	22	-02.0	07	14	04	11	10.5	26	073*	055	1958	179	1961	085	1960	18	33	14	097	221	1941	162	1947	03	1961	00	07	00
Gorleston	04.6	-3.5	01.9	-1.1	09.0	25	-00.6	07	12	05	15	08.7	08	049*	039	1908	186	1933	050	1960	15	21	14	061	180	1915	107	1947	03	1929	00	07	03
Cardington	07.1	-3.3	01.4	0.0	14.2	13	-03.4	12	14	11	15	09.5	08	052*	043	1954	159	1961	074	1960	18	22	14	066*	200	1953	065	1959	02	1961	00	08	00
Boscombe Down	07.1	-2.8	01.9	-0.1	12.5	13	-02.7	07	13	11	12	10.5	26	070*	056	1933	185	1948	074	1947	18	18	14	077	173	1931	141	1947	02	1961	00	08	01
Ross-on-Wye	07.5	-2.6	02.2	-0.5	13.8	13	-01.7	27	16	06	09	10.4	26	061*	052	1915	188	1929	062	1916	16	11	13	060	125	1859	177	1947	.5	1938	00	07	01
Rhoose (Cardiff)	07.8	-1.8	02.2	-0.9	12.8	13	-02.6	08	10	06	09	10.1	26	080*	067	1955	172	1955	084	1957	20	22	23	088	169	1955	096	1963	13	1961	00	06	03
Plymouth	08.2	-1.9	03.6	-1.0	12.2	13	-02.4	09	12	05	07	09.2	(a)	089	067	1921	209	1929	081	1947	15	32	18	178*	258	1949	136	1963	03	1961	00	04	00
Elmdon	06.4	-3.0	01.0	-0.7	12.4	13	-05.5	11	16	13	16	10.1	26	057	053	1928	161	1961	046	1942	16	23	14	086	200	1933	146	1947	05	(a)	00	10	02
Valley	08.8	-0.7	03.0	-1.0	14.3	20	-01.4	11	12	03	07	09.8	25	114	089	1913	219	1929	052	1936	17	25	24	078	147	1946	144	1947	13	1961	00	04	00
Manchester	06.7	-2.9	02.0	-0.2	11.8	20	-03.0	08	13	10	14	09.6	26	063*	064	1946	169	1948	064	1947	21	25	24	077	171	1929	124	1947	03	1931	00	06	00
Watnall	05.7	-3.6	01.1	-0.7	12.3	20	-04.2	08	13	12	18	09.0	26	048	047	1934	155	1948	038	1942	16	43	14	114	260	1911	120	1919	04	1938	00	07	02
Dishforth	05.7	-3.5	01.8	-0.3	10.0	(a)	-04.2	11	11	07	17	06.6	16	039*	036	1945	144	1955	063	1960	11	29	14	088	232	1947	112	1947	03	1953	00	08	02
Tynemouth	04.8	-3.3	03.2	-0.1	07.1	25	00.5	11	04	00	20	07.7	11	030*	030	1937	137	1948	045	1960	14	26	14	080	206	1864	126	1909	.7	1953	00	06	01
Eskdalemuir	05.2	-2.2	00.2	0.0	09.4	26	-04.2	07	18	17	13	09.9	26	059	062	1910	185	1929	044	1936	14	24	19	080	079	1910	226	1963	17	1944	00	10	00
Renfrew	07.7	-1.3	01.8	-0.5	11.0	08	-04.3	07	15	06	12	07.9	26	060	066	1921	124	1933	039	1936	19	17	19	049	077	1921	143	1921	20	1929	00	05	01
Leuchars	06.2	-2.3	02.0	-0.1	09.7	09	-03.8	07	12	04	12	09.1	26	049*	043	1922	187	1929	050	1928	19	26	14	082	200	1922	103	1958	10	1944	00	06	00
Dyce	05.7	-2.0	01.9	+0.7	09.8	09	-04.9	07	11	06	14	06.9	02	030*	028	1925	173	1933	055	1928	17	50	24	099	183	1946	128	1958	07	1953	00	07	00
Stornoway	08.7	+0.5	03.6	+0.5	10.9	08	-02.7	06	08	05	06	09.1	30	119	110	1881	172	1911	055	1938	20	09	24	023≠	040	1943	115	1963	34	1947	00	01	00
Aldergrove	07.6	-1.6	02.3	-0.4	10.6	14	-03.4	07	11	07	10	09.2	01	069*	066	1927	181	1929	071	1936	15	30	19	086	169	1927	122	1940	09	1953	00	04	00

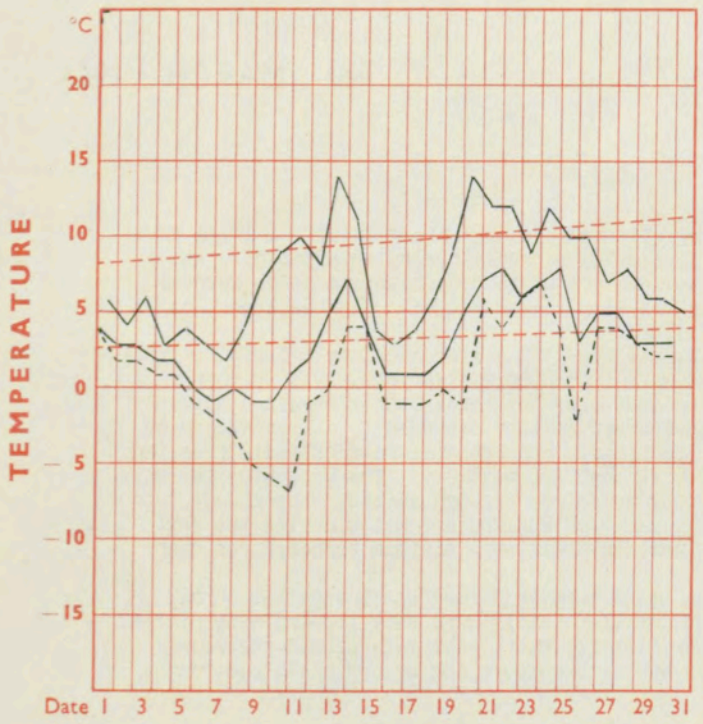
(a) 23, 25

(a) 01, 26 * New lowest record

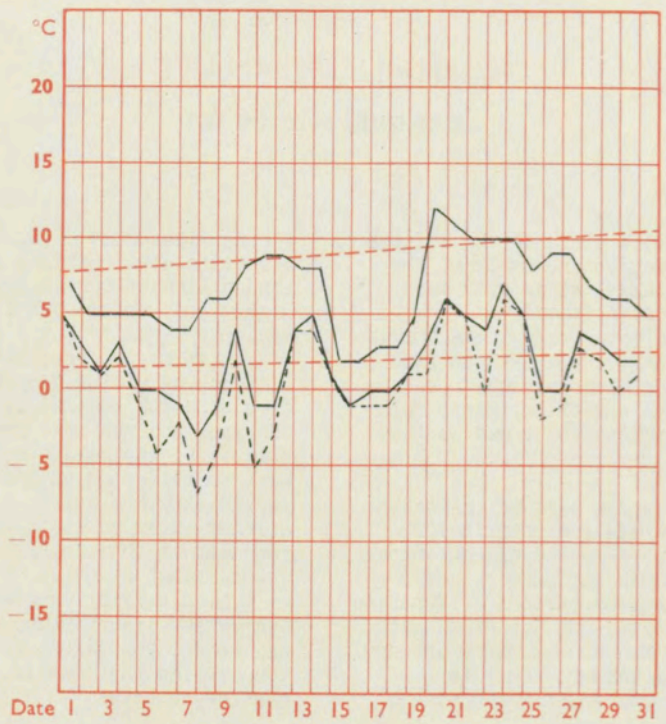
* New highest record
≠ New lowest record
(a) 1944, 1961

Corrections to Monthly Summary No. 98 February, 1964
Dyce:- days of fog 01; Mean maximum 06.6; Mean minimum 01.6;
Eskdalemuir:- days of no rain 17
Valley:- maximum fall in 24 hr. 05 on 21; Days with snow 03
Dishforth:- total rainfall 026; maximum fall in 24 hr. on 23
Watnall:- total sunshine 053

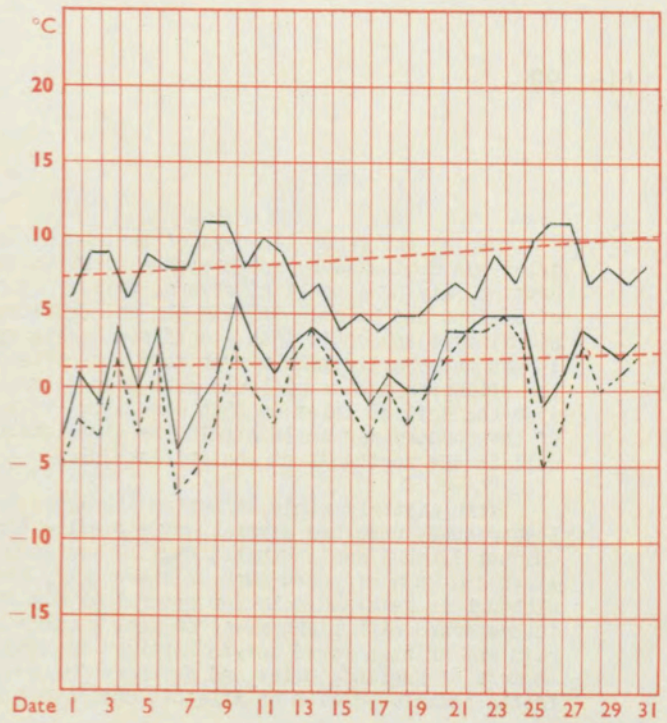
LONDON (Kew)



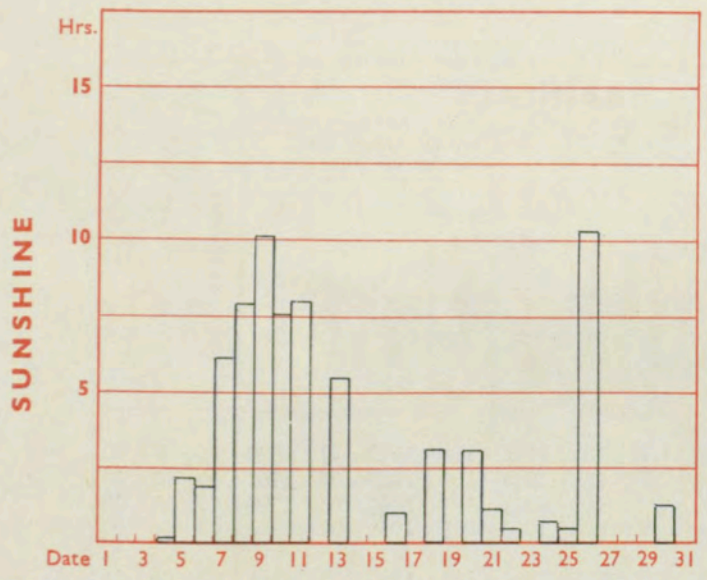
MANCHESTER (Airport)



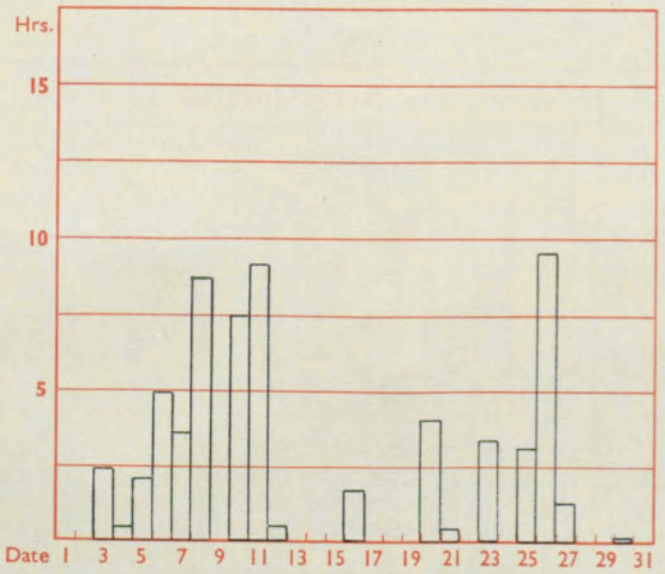
GLASGOW (Renfrew)



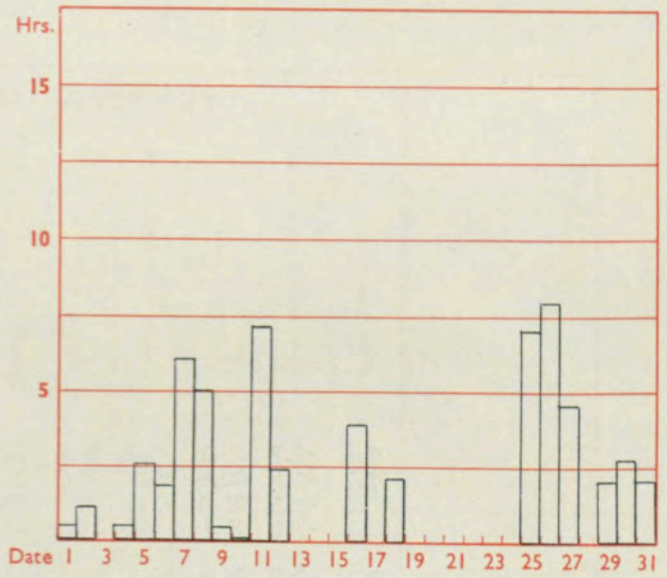
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1931–1960)



Total for month 71 30-year (1931–1960) average 113 hrs.

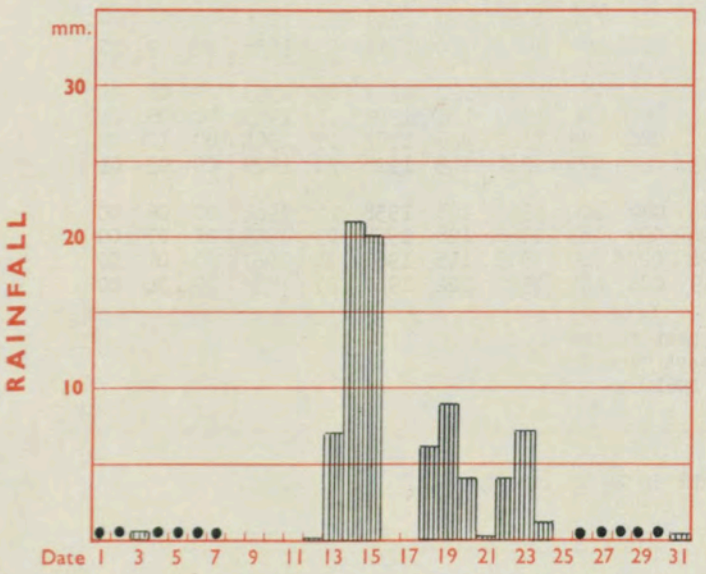


Total for month 63 30-year (1931–1960) average 99 hrs.

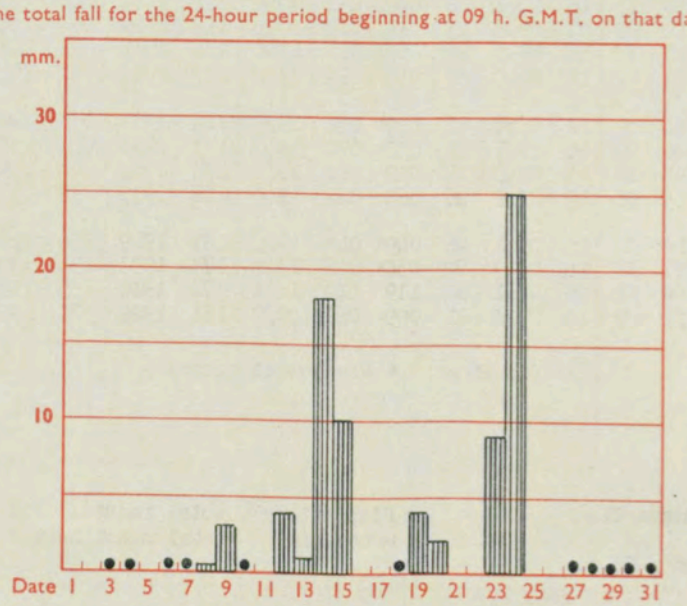


Total for month 60 30-year (1931–1960) average 91 hrs.

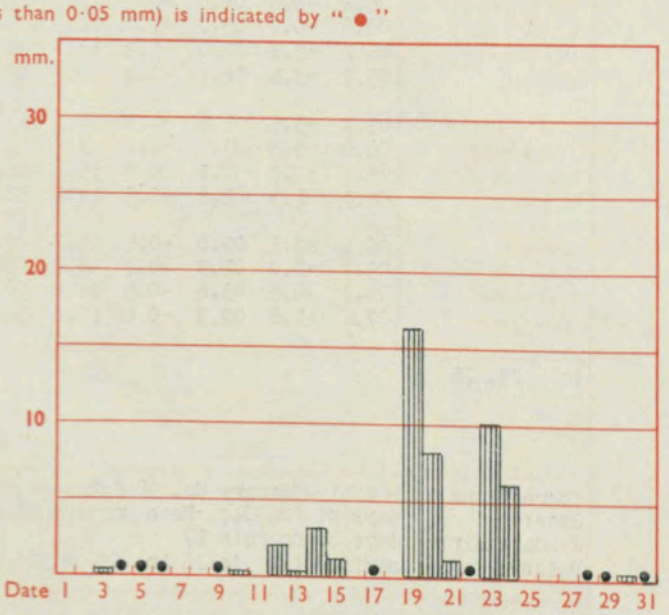
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0·05 mm) is indicated by " • "



Total for month 83 35-year (1916–1950) average 37 mm.



Total for month 77 35-year (1916–1950) average 45 mm.



Total for month 49 35-year (1916–1950) average 64 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. 37355

Date of Issue Sunday 1 March 1964

Code FM 11.A — OBSERVATIONS at 12h. 29 February 1964

RSION LE °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_dT_{app}$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
104	Kew	775	80601	12216	13107	6732/	06214	86708	88535	
102	London Airport	772	83603	08616	13105	872//	06215	82705	84707	88712
100	Gatwick	776	83303	33616	12407	2542/	07215	82615	88532	
99	Thorney Island	871	83101	30212	12608	4567/	06114	84640	88359	
97	Hurn	862	83407	66032	13010	4843/	05010	83817	87360	
95	Guernsey	894	73109	83026	14108	28438	06218	81710	83365	87270
93	Wattisham	590	80508	03426	12906	861//	06212	88702		
91	Gorleston	497	90610	03474	13505	9////	05216	89/02		
90	Mildenhall	578	80000	28214	13405	873//	05217	88707		
88	Cardington	559	80000	23616	13805	8042/	05212	88510		
86	West Raynham	485	80809	40036	13707	862//	06214	88703		
84	Wittering	462	80206	08636	13804	871//	04110	88702		
82	Boscombe Down	746	83003	56054	13008	855//	07217	85620	88630	
81	Ross-on-Wye	627	80902	17104	13306	863//	05214	88708		
79	Bristol	628	80000	15044	13407	862//	06216	83703	88705	
77	Aberporth	502	52305	74032	13309	58500	04214	85825		
75	Rhoose (Cardiff)	715	72810	56042	13409	28401	05115	81818	87075	
73	Plymouth	827	72707	81032	14209	785//	07219	84823	85650	
72	Chivenor	707	32807	80012	14110	28430	07215	81815		
70	St. Mawgan	817	22608	89021	14109	22530	05219	82825		
68	Culdrose	809	32607	82021	14010	28430	04118	81814		
66	Scilly	804	52607	83258	14510	41430	05214	84815	85358	
64	Elmdon	534	80000	05424	13305	861//	05212	88702		
63	Shawbury	414	20000	14041	13506	26200	05111	82705		
61	Manchester	334	60000	28046	13109	656//	04214	81630	86640	
59	Squires Gate	318	10000	12046	13109	15600	07213	81640		
57	Valley	302	11708	74020	13109	15702	05211	81650		
55	Ronaldsway	204	11706	80020	13209	18400	05215	81818		
54	Carlisle	222	70707	59031	14208	6853/	04210	81823	86640	
52	Watnall	454	80808	02464	13905	861//	05114	88702		
50	Spurn Head	396	90903	F9454	14104	9////	04216	89///		
48	Finningley	360	80000	03444	14405	862//	05015	88704		
46	Dishforth	261	83405	16106	14805	862//	05217	88704		
45	Tynemouth	262	80000	24051	14406	864//	04307	88710		
43	Eskdalemuir	162	71602	67031	13707	756//	03309	83635	87642	
41	Mull of Galloway	131	21909	74020	12908	25600	06216	82630		
39	Prestwick	135	21512	74030	12409	21541	03216	82825		
37	Renfrew	141	31908	56040	13010	32501	04215	83825		
36	Leuchars	171	20908	58044	13508	00902	02212	82070		
34	Dyce	091	21610	62011	14009	11502	03213	81820		
32	Wick	075	51509	85030	12707	00906	03112	85075		
30	Cape Wrath	049	41802	86031	09309	00901	51400	84075		
28	Sule Skerry	010	21605	81020	11107	15602	04211	81630		
27	Lerwick	005	11708	69011	13909	17332	07218	81707		
25	Stornoway	026	71416	80031	09609	22532	03211	82825	86075	
23	Benbecula	022	61530	74031	07107	684//	05104	82715	84818	
21	Tiree	100	71526	74031	08608	2645/	05208	82715	86362	
19	Aldergrove	917	71818	82031	11208	52502	03214	85825	85068	
18	Malin Head	980	81522	83022	08807	25772	02219	82650	85459	88070
16	Belmullet	976	81925	71608	06208	864//	05224	84717	88640	
14	Birr	965	61612	80011	11209	685//	02214	84821	86636	
12	Collinstown	969	42312	82031	11810	42602	01211	84830		
10	Rineanna	962	61615	86012	10309	58530	04114	83828	85650	86358
9	Roches Point	952	41811	80011	12010	32501	05215	83822	84070	
7	Valentia	953	71813	80028	09610	735//	05213	83923	87635	

OBSERVATIONS at 18h. 29 February 1964

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_dT_{app}$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
775	80307	23056	15707	854//	06320	86712	88630	
772	83605	26036	15607	863//	06218	88706		
776	80306	08466	15307	862//	06221	88703		
871	80202	37612	15508	856//	07220	88645		
862	63503	48058	15809	28631	06218	81830	85360	
894	23008	83011	16707	10932	05217	81362		
590	80608	05424	16005	861//	05219	88702		
497	90510	01474	16005	9////	05213	89/02		
578	80803	09452	15806	862//	05214	88704		
559	80402	16216	16306	862//	06217	88705		
485	80912	06424	16104	860//	04216	88701		
462	80308	03466	16505	860//	05215	88701		
746	50203	40052	15808	55500	06218	85620		
627	10000	17100	15907	15600	06218	81630		
628	60000	40051	15708	685//	06317	81822	86635	
502	13602	74021	16006	18500	04218	81825		
715	53006	79012	15906	556//	04215	85635		
827	12708	35041	16508	15600	06218	81640		
707	13002	83020	16707	15600	05216	81640		
817	12703	89020	16708	12500	04215	81825		
809	42605	82022	15908	38430	03313	81815	83620	
804	32206	83021	16409	22430	04212	82815		
534	50603	19044	15507	15632	05211	81645	83362	83075
414	01002	15041	15608	00900	06317			
334	81605	28046	15409	856//	05217	82630	88650	
318	73409	20041	16007	785//	04220	82822	86827	
302	22106	74020	15606	25600	05211	82640		
204	11206	74020	15206	16300	05310	81708		
222	62705	56051	16107	55601	03315	81630	85645	
354	80702	03616	16405	872//	05316	88704		
396	90808	02454	16904	9////	04212	89///		
360	80710	13205	17006	862//	05316	88705		
261	80000	13104	17106	863//	05215	87708	88712	
262	91611	F2454	16904	9////	04218	89/00		
162	90000	58051	16104	00900	02216			
131	21808	78020	15406	11530	03216	81825		
135	11907	60040	14507	18541	02218	81825		
141	12205	32041	14806	15701	02217	81650		
171	31005	56051	15205	35601	04313	83640		
091	71102	11101	16506	772//	05312	84705	87707	
075	71512	59022	13707	50938	04309	85360	87270	
049	81810	83032	10207	856//	00202	88630		
010	71513	81032	11208	3567/	06704	83630	87360	
005	81617	59031	16206	862//	05214	87705	88710	
026	81623	66616	09107	6542/	05500	81617	85625	88458
022	81734	62606	07806	7542/	06214	83711	87618	88459
100	81623	69216	10908	4567/	05220	84630	86358	88460
917	61610	83021	13707	11602	03215	81645	86070	
980	71717	83031	11609	5857/	03220	81820	85640	87459
976	41916	80016	09908	48400	05217	82819	84650	
965	31405	80011	13507	38500	02215	82822	83636	
969	31608	80021	11408	31602	03216	83822		
962	51612	86012	12609	58600	05215	81830	85656	
952	31713	80011	13708	38530	06210	81823	83650	
953	11311	82021	11209	11500	05106	81824		

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.—15h.	WEATHER 15h.—21h.
775	03081	000	$ifrrr_or_oRR$	r_or_o
772	05071	000	rrr_or_o	$r_or_oid_o$
776	04081	000	rrr_or_o	ir_off
871	94101	000	ir_o	$ir_or_or_o$
862	97111	///	+	pr_o
894	00091	041	+	+
590	02062	///	$iRr_or_oid_off$	id_off
497	97051	000	f_of_o	ff
578	13061	000	rrRR	ff
559	06062	000	$FFir_orr$	$r_or_od_od_o$
485	92071	000	r_or_oif	ff
462	04051	000	FFrrff	rrffFF
746	00091	000	+	+
627	00091	027	+	fff
628	00311	083	if	+
502	00101	066	+	+
715	00101	027	+	+
827	00101	047	+	+
707	00101	066	+	+
817	00101	092	+	+
809	00100	093	+	+
804	92121	088	pr	+
534	97091	004	FFff	+
414	00111	035	if	if
334	97111	037	+	ir_o
318	97121	029	r_o	+
302	00101	086	+	+
204	00090	088	+	+
222	00111	051	+	+
354	02061	000	$ffFFr_or_orr$	$ffFFrrr_or_o$
396	97051	000	ff	FF
360	97071	000	ffFF	$d_od_ofid_o$
261	00071	000	ff	if
262	00061	010	FF	FF
162	00103	055	+	+
131	00091	///	/	/
135	00120	083	+	+
141	00121	079	+	+
171	00091	065	+	ifFF
091	97091	066	+	$if_id_od_od_off$
075	00081	065	+	+
049	00101	///	+	+
010	00090	///	/	/
005	00091	055	+	+
026	01101	035	+	r_or_o
022	04081	009	ir_o	rrr_or_o
100	97081	012	jp	rrrr
917	00111	074	+	+
980	0010/	013	/	/
976	9109/	004	/	/
965	9711/	060	/	/
969	9712/	088	/	/
962	0011/	026	/	/
952	9710/	068	/	/
953	0112/	025	/	/

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	70618	33212	60711	98012	00607	55470	00107	85615	/////	00104	19722	10544
B	70565	51012	72820	97858	99755	72500	00214	87820	/////	06659	12958	1////
C	70527	35512	83625	94614	80006	863//	00302	84708	/////	05205	11917	1////
D	70440	41012	83141	97858	14402	894//	00222	88915	/////	07350	18041	1////
I	70589	18412	70918	97506	89108	774//	00110	87712	/////	05308	10924	11436
J	70525	19712	81522	98616	95410	854//	00713	85713	88618	00010	11544	13456
K	70454	15812	81831	97608	06613	4572/	00716	84650	88460	00100	11845	11033
M	73660	02012	81516	96808	16507	5939/	00218	/////	/////	00106	11535	1////

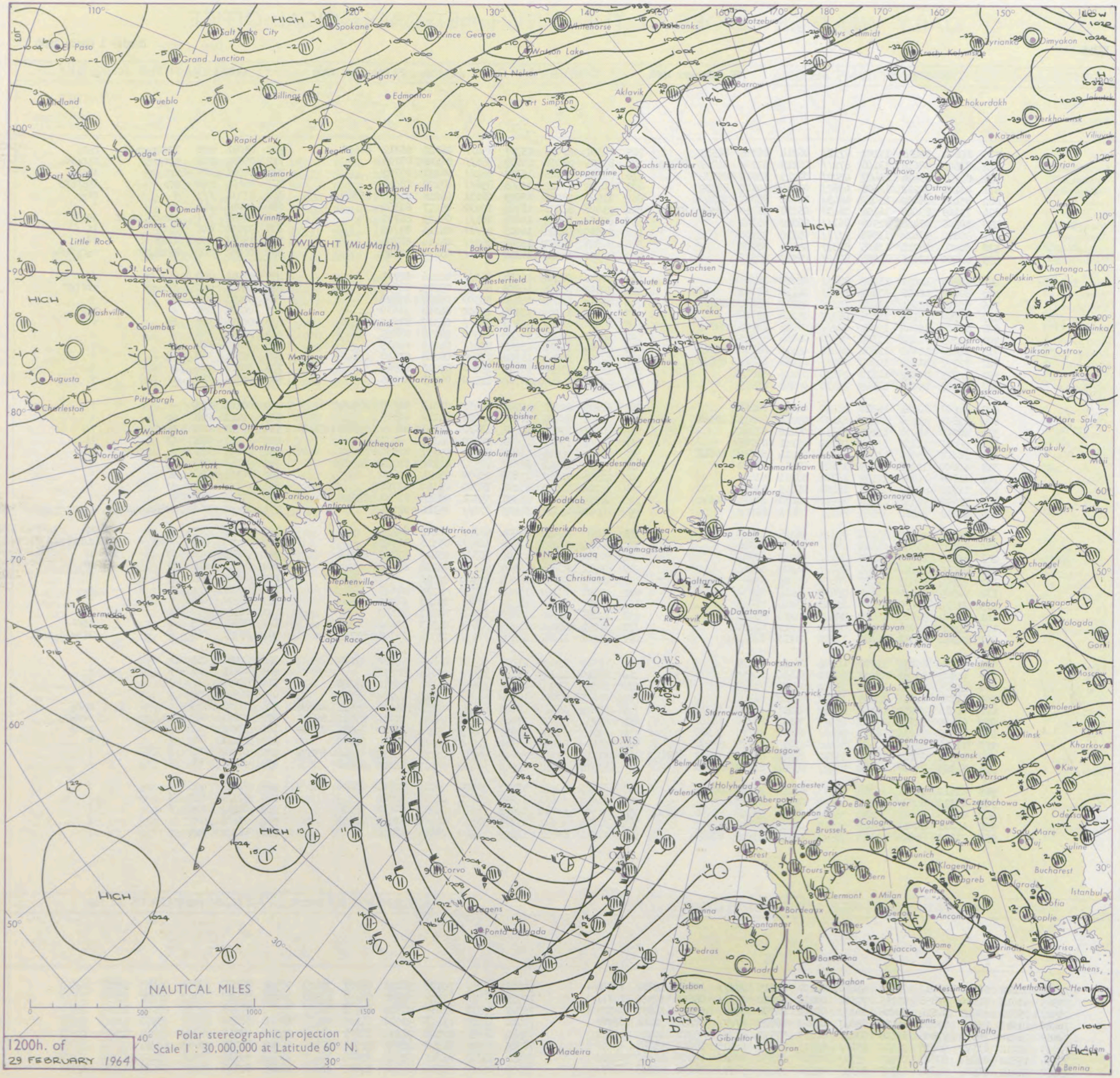
Code FM 21.A — OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70618	33218	70909	98022	00307	78400	00504	84815	87620	00103	10921	10544
B	70565	51018	62521	97858	01153	62500	00002	86820	/////	06258	12756	1////
C	70527	35518	83235	94516	86506	862//	12332	88704	/////	05106	13337	199/1
D	70440	41018	83123	97028	14106	825//	00400	88830	/////	06650	13049	1////
I	70584	16918	82520	93425	91709	871//	34333	88702	/////	05009	12533	11447
J	70525	19918	81524	98616	92911	874//	00709	88712	/////	00211	11544	13456
K	70452	15718	82325	97616	02012	784//	41505	83710	83820	05110	12344	11848
M	73659	02118	71716	65108	17807	763//	42205	87707	/////	00107	11734	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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Cloud Amount (oktas)
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IND
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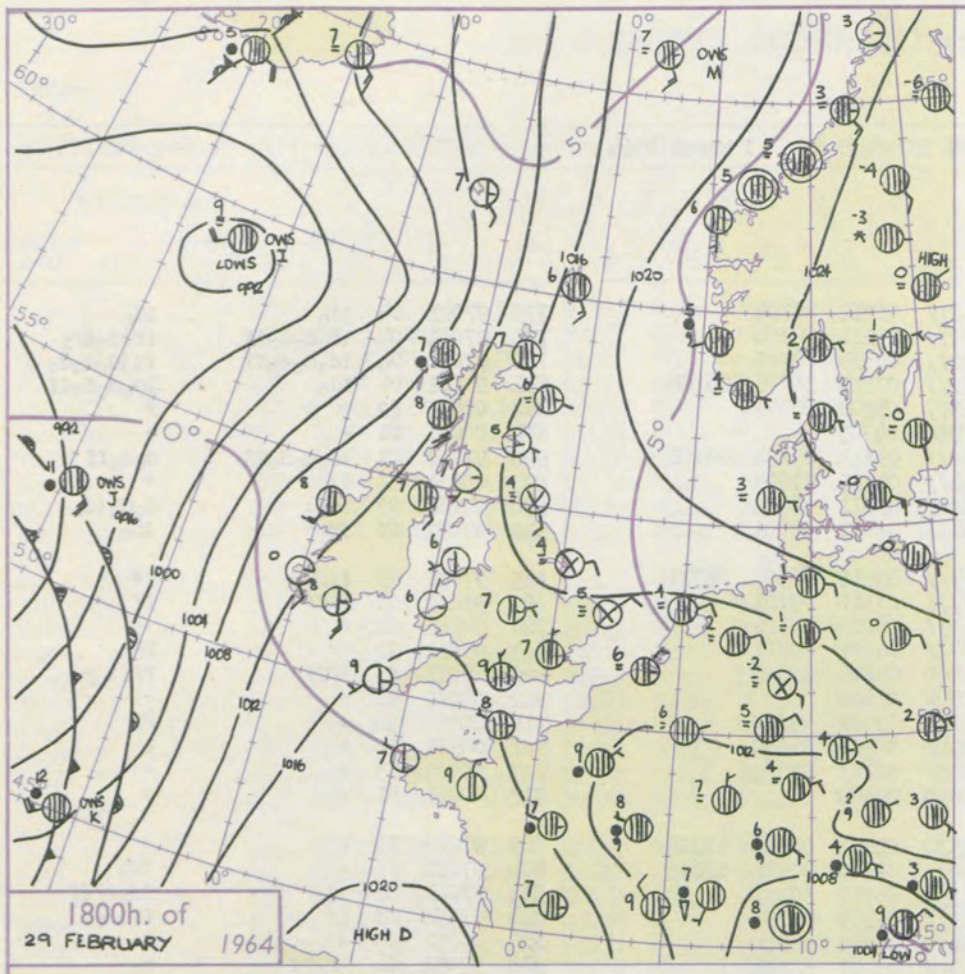

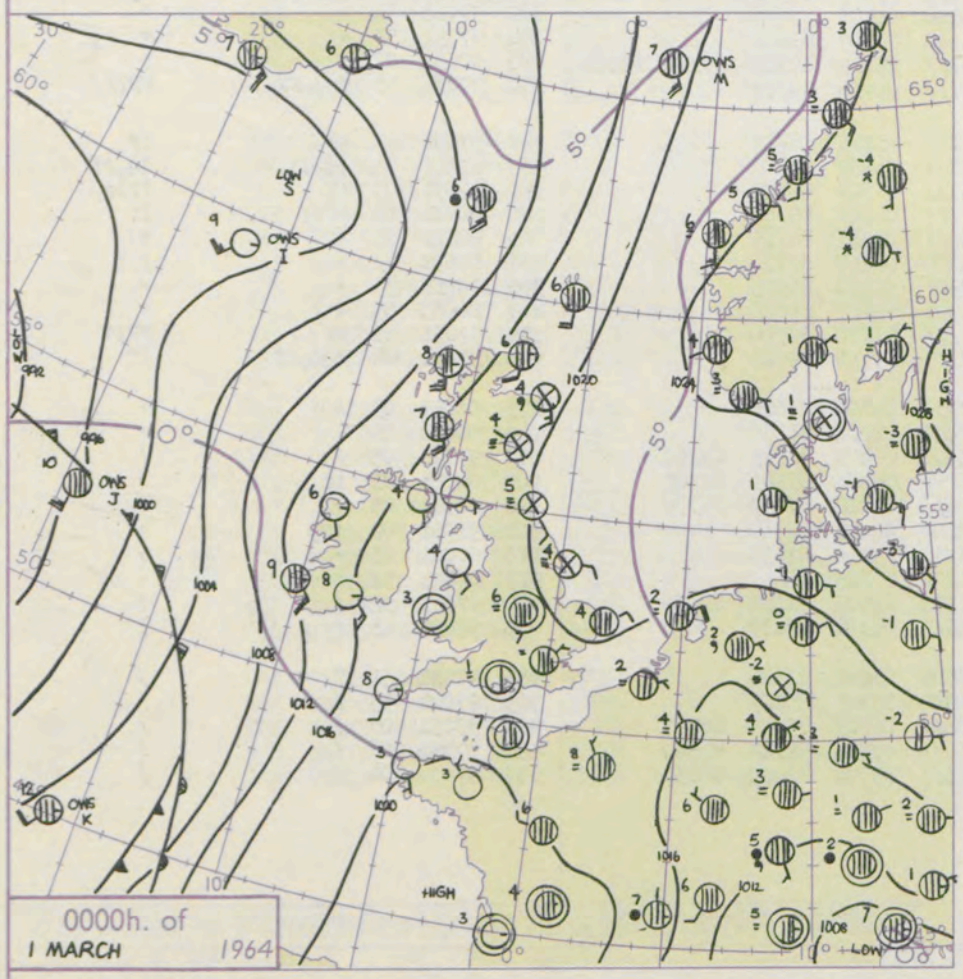

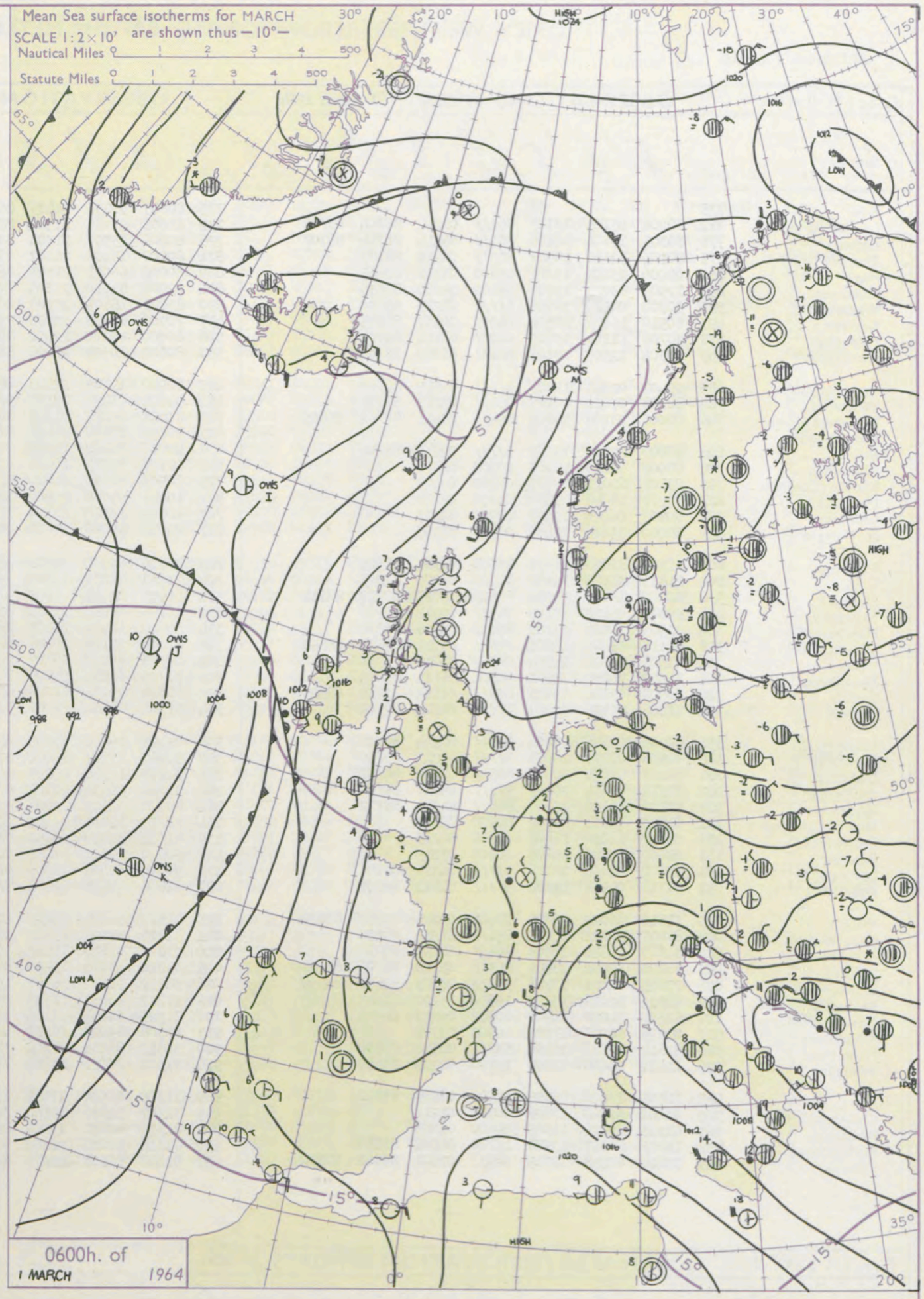

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 1 March 1964

A steady rise of pressure has been taking place over the British Isles as a ridge of high pressure has extended southeast from a large anticyclone over Scandinavia and northwest Russia. The centre of this high is expected to be transferred to a position over the southern Baltic during the next 24 hours and with a deep depression moving northeast into the central Atlantic a southeasterly airstream will become established over the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Northern Ireland, Wales, southwest England and western Scotland will be dry with sunny periods and near normal temperatures. Elsewhere it will be rather cold and although sunny intervals are likely in central England it will be mainly cloudy near the east coast in both Scotland and England.

OUTLOOK for following 24 hours. Colder but dry with sunny periods in many places and night frost except near North Sea coasts and in the extreme west.

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

Code FM II.A

OBSERVATIONS at 00h. 1 March 1964

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			07					
London Airport	772	80204	28105	19107	862//	06214	86704	88706	
Gatwick	776	80303	19104	18806	862//	06214	84704	88707	
Thorney Island	871	80101	32106	18907	863//	06212	88707		
Hurn	862	20000	19101	19001	25600	01211	82645		
Guernsey	894	12905	83020	19805	15602	04210	81635		
Wattisham	590	90704	04515	19903	9////	03219	89/00		
Gorleston	497	80510	16284	20304	862//	04217	88705		
Mildenhall	578	80706	11104	19605	862//	04114	88703		
Cardington	559	80304	12505	19506	861//	06212	88702		
West Raynham	485	90406	02514	19803	9////	03215	89/00		
Wittering	462	80708	07424	20105	860//	05217	88701		
Boscombe Down	746	80000	23102	18805	854//	05211	85712	88635	
Ross-on-Wye									
Bristol	628	90000	F7454	19102	9////	02212	89/02		
Aberporth	502	00000	82020	18903	00900	01304			
Rhoose (Cardiff)	715	03107	62021	19103	00900	02109			
Plymouth	827	00207	28040	19502	00900	02208			
Chivenor	707	00805	66020	19402	00900	02207			
St. Mawgan	817	00000	85020	19403	00900	01307			
Culdrose	809	11703	82020	18902	15500	08305	81625		
Scilly	804	11811	83020	18208	11500	05205	81825		
Elmdon	534	80000	16101	18906	861//	06213	83702	88704	
Shawbury	414	70802	08414	19105	763//	05212	87706		
Manchester	334	81503	20042	19107	856//	05216	88630		
Squires Gate	318	81110	08446	18906	856//	06211	81630	88650	
Valley	302	01308	74020	18504	00900	03216			
Ronaldsway	204	11503	74020	18604	00901	03111	81075		
Carlisle	222	80808	07444	19604	855//	03111	83625	88643	
Watnall	354	91004	01456	20004	9////	04214	89/01		
Spurn Head	396	90908	02474	20204	9////	04214	89/00		
Finningley	360	90906	06475	20504	9////	04213	89/00		
Dishforth	261	81208	07464	20604	861//	04214	88701		
Tynemouth	262	91512	02434	20405	9////	05211	89/02		
Eskdalemuir	162	80000	32100	20300	864//	51316	88712		
Mull of Galloway	131	01812	66020	18206	00900	05209			
Prestwick	135	01007	64020	18401	00900	00213			
Renfrew	141	00000	13040	18801	00900	01215			
Leuchars	171	93102	01434	18704	9////	04214	89/00		
Dyce	091	91713	09514	19704	9////	04118	89/01		
Wick	075	71818	56022	16806	27406	05215	82710	87270	
Cape Wrath	049	81805	83022	12908	856//	51222	88630		
Sule Skerry	010	81813	74616	13908	865//	06219	88720		
Lerwick	005	81822	58022	18206	863//	05109	86706	88711	
Stornoway	026	71823	74026	13708	35672	04223	83630	86359	
Benbecula	022	51822	82016	13307	15630	05220	81645	85365	
Tiree	100	61620	74012	14907	00902	05113	86075		
Aldergrove	917	01609	80021	17204	00900	02111			
Malin Head	980	51612	82031	15405	557//	02314	85650		
Belmullet	976	11612	80030	12506	15700	04205	81650		
Birr	965	11508	77020	16305	12500	03209	81822		
Collinstown	969	01402	62040	17603	00900	01211			
Rineanna	962	01213	82021	14505	00900	04003			
Roches Point	952	11413	80030	15508	15700	06104	81650		
Valentia	953	71419	80258	12109	785//	07501	85822	87636	

OBSERVATIONS at 06h. 1 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
	775	80605	56055	21405	862//	03212	88704		
	772	81006	23285	21505	862//	05211	88704		
	776	80906	23505	21304	872//	04313	88703		
	871	80000	15105	21107	872//	07311	86703	88706	
	862	80000	66021	21303	863//	03209	88707		
	894	02902	82110	21305	00900	04205			
	590	83603	16105	22203	862//	03313	83704	88708	
	497	70906	69032	22703	754//	01215	87615		
	578	80000	19105	22004	862//	03211	88705		
	559	80602	14505	22004	861//	04113	88701		
	485	80000	17105	22303	863//	03215	86707	88711	
	462	91004	03454	22103	9////	03310	89/01		
	746	80601	40052	21305	862//	04209	88704		
	627	90000	F9454	21105	9////	04207	89/01		
	628	20000	06464	20903	25500	03106	82620		
	502	01707	82020	20203	00900	01400			
	715	90502	F6451	21303	9////	03309	89/00		
	827	10405	69030	20900	10930	00303	81360		
	707	10908	74010	20700	10930	50103	81362		
	817	91212	85020	20003	00900	02400			
	809	31606	82030	19602	15530	01302	81620	83358	
	804	71616	83031	18309	784//	07400	82818	87625	
	534	90901	01455	21405	9////	05212	89///		
	414	80705	05464	21505	862//	05209	88703		
	334	80000	48042	21406	864//	03212	88710		
	318	81109	24104	20606	863//	05207	88708		
	302	00705	80020	20102	00900	01103			
	204	10705	62030	20300	16300	00307	81707		
	222	80604	23104	21705	854//	05209	82715	85717	88623
	354	91004	02434	22303	9////	03214	89/02		
	396	81405	16054	22604	864//	03215	88715		
	360	80902	17205	22004	871//	04209	88701		
	261	81207	11284	22603	861//	03309	88702		
	262	91411	08434	22704	9////	04213	89/02		
	162	80000	32102	22002	864//	01212	88715		
	131	21710	72030	20405	26500	05210	82720		
	135	41109	62020	20450	00901	51210	84075		
	141	50000	19101	21251	00901	52211	85070		
	171	90000	02434	21203	9////	03310	89/00		
	091	91606	09455	21905	9////	05210	89/02		
	075	21512	56031	19405	20930	04209	82360		
	049	31810	83022	15807	30940	01201	83360		
	010	31809	81016	16907	15530	06209	81625	83360	
	005	81920	58024	19906	862//	05208	83703	88707	
	026	51822	74012	16807	1563/	04318	81630	85359	
	022	21717	83031	16306	25600	04218	82640		
	100	11520	66031	17406	15730	05210	81650		
	917	01308	80020	19403	00900	50205			
	980	31610	83031	17304	11502	02305	81824	82070	
	976	71312	80021	13706	756//	06308	87637		
	965	11308	80020	17005	15600	03204	81636		
	969	31307	74030	19104	36300	03303	83707		
	962	81316	80021	15208	864//	06203	85715	88717	
	952	71316	80021	16109	764//	07302	85719	87640	
	953	81418	66618	12210	885//	09302	82922	88637	

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_g$E	T$_g$T$_g$	WEATHER 21h.—03h.	WEATHER 03h.—09h.
775	97041	04	id_o	id_o
772	97041	04	$id_od_od_oif$	$if id_oir_o$
776	97031	04	$id_od_od_off$	$ff id_od_od_o$
871	91051	06	id_o	$id_od_od_off$
862	00001	52	+	+
894	00051	01	+	+
590	97022	01	$id_od_od_off$	d_od_off
497	00021	51	f	+
578	97031	03	id_o	$d_od_oid_o$
559	97031	03	id_oF	id_o
485	97031	03	ffd_od_o	ff
462	91031	03	FFff	ff
746	00041	02	+	+
627	91031	52	FF	FF
628	00011	53	1FFF	FFff
502	00021	53	+	+
715	00011	52	+	FF
827	00501	53	+	FF
707	00501	53	+	+
817	00021	51	+	+
809	97010	53	+	+
804	97081	//	+	ir_o
534	97041	02	id_o	id_oFFff
414	97051	03	if	$ff id_o$
334	00051	05	+	+
318	97051	04	ir_off	d_o
302	97011	51	+	+
204	97051	53	+	+
222	00031	02	+	+
354	92031	03	d_od_oFF	FFff
396	97031	//	1F	1f
360	97041	04	id_off	id_off
261	97031	03	ff	$ff id_o$
262	00031	03	FFff	ff
162	00511	54	+	+
131	00051	//	/	/
135	00513	55	+	+
141	00533	55	+	+
171	97031	03	FF	FFff
091	91041	04	d_od_off	ff
075	00051	05	+	+
049	00060	05	+	+
010	97061	05	/	/
005	00051	03	if	+
026	00061	05	+	+
022	92061	02	ir_o	+
100	00061	03	+	+
917	00021	52	+	+
980	97031	52	/	/
976	97041	03	/	/
965	97041	51	/	/
969	97021	55	/	/
962	97051	03	/	/
952	97051	06	/	/
953	97	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10618	33500	60912	98012	01606	65600	00500	86640	/////	00101	10821	10544
B	10565	51000	82121	97858	00353	825//	00707	88825	/////	06358	12345	1////
C	10527	35500	83338	97025	93907	854//	00020	88610	/////	00004	13348	1////
D	10440	41000	71204	98022	10007	75600	00736	87635	/////	06451	13049	1////
I	10584	17000	12327	98018	00009	12500	72229	81820	/////	00007	12347	11847
J	10527	19900	81814	97026	95710	456/7	00320	84630	88270	00010	11434	11846
K	10451	16000	72118	98036	04712	2561/	41107	82633	87460	00008	12246	11855
M	13660	02000	61724	97038	18507	37530	00302	/////	/////	00006	11733	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	10619	33106	71019	98028	00506	78400	11811	83815	87625	05002	11021	10543
B	10565	51006	62721	97858	01355	62500	00317	86825	/////	06659	12245	1////
C	10527	35506	82228	98022	96906	884//	00302	83815	88640	05104	13346	1////
D	10440	41006	81545	97616	96509	8042/	00771	88515	/////	06007	11735	1////
I	10587	18106	32209	98010	03509	12530	73211	81820	83359	05007	12233	11845
J	10526	20006	21412	99021	98710	22500	00216	82825	/////	05009	11522	11945
K	10449	16006	62321	98232	04811	48542	41400	82820	/////	05204	12246	11854
M	13660	02006	61714	97022	18907	65500	00202	/////	/////	00006	11723	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37356 — Date of Issue Monday 2 March 1964

OBSERVATIONS at 12h. 1 March 1964 — Code FM 11.A

ERSION BLE o °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
104	Kew	775	80904	19055	24105	862//	03210	85704	88706	
102	London Airport	772	81105	16106	24305	863//	04209	88706		
100	Gatwick	776	80905	20055	24004	863//	03107	88706		
99	Thorney Island	871	81002	23105	23906	862//	05213	84703	88706	
97	Hurn	862	81105	09502	23607	872//	07209	84703	88705	
95	Guernsey	894	11907	81020	22810	12400	05104	81815		
93	Wattisham	590	80105	40022	24704	854//	01111	85610	88614	
91	Gorleston	497	80311	60032	24803	855//	00210	88629		
90	Mildenhall	578	80806	37055	24605	855//	01111	88620		
88	Cardington	559	80705	40205	24804	853//	04112	86707	88615	
86	West Raynham	485	80409	58012	24404	854//	01108	82712	88618	
84	Wittering	462	80802	26284	24804	852//	03211	84705	87706	88615
82	Boscombe Down	746	81002	11502	23606	862//	06113	86703	88705	
81	Ross-on-Wye	627	90000	01454	23606	9////	06210	89/01		
79	Bristol	628	80504	48054	23508	854//	06109	84615	88625	
77	Aberporth	502	11510	80020	22209	00901	04106	81080		
75	Rhoose (Cardiff)	715	71207	07412	23404	760//	04108	83700	86701	
73	Plymouth	827	21209	74030	22610	21501	07104	82822		
72	Chivenor	707	11306	87030	22611	11501	04105	81820		
70	St. Mawgan	817	21415	85020	21710	11531	05109	81820		
68	Culdrose	809	31612	82022	21310	11530	04213	81826	83360	
66	Scilly	804	51514	81016	20510	48402	09209	82812	83620	85075
64	Elmdon	534	80805	44044	23705	863//	04210	86706	88710	
63	Shawbury	414	81005	07515	24105	862//	05213	88703		
61	Manchester	334	80000	56042	23607	854//	03210	86712	88650	
59	Squires Gate	318	81009	22046	24007	854//	06212	87710	88630	
57	Valley	302	11804	69030	22909	00901	03112	81075		
55	Ronaldsway	204	81311	21041	23306	862//	05114	82704	88705	
54	Carlisle	222	70608	56042	24008	755//	06109	85625	87635	
52	Watnall	354	80910	02515	24804	870//	04110	88701		
50	Spurn Head	396	81406	48032	25204	5642/	02209	85715	88460	
48	Finningley	360	81202	36045	25305	863//	03113	84707	88710	
46	Dishforth	261	81210	16105	25105	862//	04210	88703		
45	Tynemouth	262	82007	12104	25004	864//	03212	88710		
43	Eskdalemuir	162	80000	40052	24105	854//	04112	83710	88635	
41	Mull of Galloway	131	31705	33024	23308	35500	06215	83626		
39	Prestwick	135	11707	30040	23009	00901	05208	81075		
37	Renfrew	141	70604	10284	23903	56241	02211	85703		
36	Leuchars	171	80000	11284	23805	861//	05108	88702		
34	Dyce	091	81713	28205	24205	862//	05208	83702	86704	88706
32	Wick	075	11713	59050	22107	00901	04210	81075		
30	Cape Wrath	049	32305	03021	19709	30940	51217	83360		
28	Sule Skerry	010	41609	84020	19708	15630	06214	81630	84360	
27	Lerwick	005	61920	58052	22407	684/1	05209	82710	85815	
25	Stornoway	026	21920	82031	20308	11601	03217	81830		
23	Benbecula	022	51623	74021	19009	15432	05210	81614	85075	
21	Tiree	100	61520	83031	20607	11536	05111	81825	86272	
19	Aldergrove	917	71611	80031	21709	18432	04108	81818	87075	
18	Malin Head	980	11423	85010	19409	15702	04301	81650		
16	Belmullet	976	71517	80032	16510	35578	07112	81720	83635	86359
14	Birr	965	71512	74031	19909	685/2	06214	82821	86633	87072
12	Collinstown	969	21412	82030	21309	11502	05009	81828		
10	Rineanna	962	81318	80022	17811	5561/	08008	85620	88460	
9	Roches Point	952	71216	62022	18710	764//	08211	86718	87640	
7	Valentia	953	81318	66615	15011	864//	10212	88712		

OBSERVATIONS at 18h. 1 March 1964

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
775	80507	19102	24305	863//	02204	85708	88712	
772	80506	13042	24605	854//	03305	84710	88614	
776	80408	28052	24305	863//	03304	83708	88714	
871	80804	23205	24305	873//	04305	88706		
862	80805	13505	24206	871//	05305	86702	88703	
894	70705	20054	22807	754//	05303	87612		
590	80206	56022	25303	854//	00308	85612	88628	
497	80508	56102	24803	855//	01400	88626		
578	80405	48052	25104	855//	01306	88620		
559	80306	28205	25104	862//	02306	83704	88707	
485	80405	58022	25902	854//	00310	88615		
462	80406	58022	25903	854//	01311	83712	88618	
746	80806	20105	24305	862//	04306	88704		
627	80705	13105	24205	862//	05310	88704		
628	80709	20042	23607	853//	06305	86706	88620	
502	10000	69020	22907	00901	04307	81080		
715	70908	31054	23207	755//	05500	82622	87630	
827	10907	28040	22607	00901	06304	81075		
707	10905	74020	22809	11501	05306	81825		
817	31212	74020	21907	14501	05206	81624	83075	
809	51208	81021	21607	28402	04400	81815	83070	
804	71413	69022	20709	784//	07501	81819	87630	
534	80906	33042	24505	873//	03307	87708		
414	80908	26045	24806	863//	04308	81706	88708	
334	81203	17042	24806	854//	02310	83710	88618	
318	80809	11042	24207	853//	05307	81708	86713	88630
302	10000	79020	23807	15601	03207	81645		
204	80811	20041	23907	863//	05306	88707		
222	81002	58052	24807	854//	05304	81716	86626	88633
354	80909	21045	25404	862//	03304	86704	88711	
396	81206	48022	25704	864//	01205	88715		
360	80907	58042	26205	854//	02306	85712	88620	
261	81107	32042	26104	863//	02305	88708		
262	81508	16052	26105	863//	04307	88708		
162	81802	56052	24506	885//	05306	84820	88640	
131	31810	32010	23806	36300	05205	83706		
135	21507	40051	23805	15401	04305	81616		
141	70503	07041	24305	755//	04304	83625	87630	
171	80000	16102	24705	862//	05305	85704	88709	
091	81506	23205	24705	862//	03302	83703	88706	
075	21812	40050	22606	10954	05304	81359		
049	42310	83030	20508	45600	01209	84630		
010	52005	84031	21309	25672	06205	82630	84360	
005	62014	61052	23105	543/2	04303	81709	83615	
026	71916	82031	21008	7097/	03306	85358	86362	
022	71717	58042	20708	35432	04210	81618	83645	85360
100	41416	48041	21607	10932	05306	81362	84075	
917	11306	59051	22406	15632	03307	81630		
980	11408	86010	21208	15702	03312	81650		
976	71415	80032	17910	755//	07312	81720	87630	
965	71306	77032	21309	785//	06214	83821	87636	
969	11411	59041	22206	11504	05308	81824		
962	81316	66215	19310	863//	08212	84709	88618	
952	81213	58102	20009	864//	08311	88713		
953	81316	66616	16910	864//	09315	88715		

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97061	000	id_0	+
772	97061	000	+	+
776	00051	000	+	+
871	97061	000	f	id_0
862	97071	///	$id_0d_0d_0ff$	$fid_0d_0d_0$
894	00121	063	if	ifff
590	00042	///	+	+
497	00040	000	+	+
578	00051	000	+	+
559	97051	000	id_0	id_0
485	00041	000	+	+
462	00051	000	ff	+
746	97071	000	d_0d_0ff	$ffir_0d_0d_0$
627	92071	000	FFd_0d_0f	id_0f
628	00091	000	ff	+
502	00110	095	+	+
715	00081	023	FFif	+
827	00111	092	+	+
707	00131	098	+	+
817	00101	094	+	+
809	00111	087	+	+
804	00111	019	+	+
534	00061	000	ff	+
414	97061	000	d_0d_0ff	id_0
334	00071	000	+	+
318	97091	004	r_0	+
302	00101	096	+	+
204	00071	006	+	+
222	00091	000	+	+
354	97041	000	FFd_0d_0	+
396	00050	000	+	+
360	97061	000	id_0ff	+
261	97051	000	$id_0d_0d_0$	+
262	00051	000	+	+
162	00081	005	+	+
131	00081	///	/	/
135	00101	057	+	+
141	00061	005	ff	+
171	97051	000	ff	+
091	97061	000	$id_0d_0d_0$	id_0
075	00081	090	+	+
049	00090	///	+	+
010	00090	///	/	/
005	00071	021	+	+
026	00091	066	+	/
022	00091	052	+	+
100	00091	070	+	+
917	00101	092	+	+
980	9712/	081	/	/
976	0012/	004	/	/
965	0011/	038	/	/
969	9710/	092	/	/
962	9712/	000	/	/
952	0010/	005	/	/
953	0412/	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	32912	71218	98032	01406	45570	00106	84630	/////	00103	11222	10643
B	10565	51012	62706	98028	04458	64500	00215	86625	/////	07165	12833	1////
C	10527	35512	83620	97808	97507	875//	00812	88823	/////	00004	13622	13335
D	10440	41012	81730	97616	82513	8042/	00644	88515	/////	05113	11548	1////
I	10589	19012	81311	96212	07209	873//	00218	88707	/////	05109	11533	149/2
J	10527	20312	11417	99021	04111	19500	00220	81925	/////	00010	11322	11845
K	10449	15912	72113	98012	08111	21508	00217	82826	87271	05205	12245	11642
M	13660	02012	81612	96602	18407	5742/	00805	/////	/////	00206	11623	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	10620	33018	81317	98032	02307	1147/	00305	81815	88458	00105	11322	10643
B	10565	51018	83605	98022	04056	6452/	00807	86625	/////	06863	12833	1////
C	10527	35518	80918	97506	93106	5742/	00729	85710	88530	05105	149/7	1////
D	10440	41018	22022	97256	76113	29400	00737	82910	/////	00110	11947	1////
I	10590	19018	81510	96032	09410	863//	00311	88707	/////	00109	11522	11944
J	10528	20118	11317	99010	06211	15601	00314	81630	/////	00108	11333	11845
K	10450	15918	81211	98032	07012	2152/	00302	82826	88463	05107	100/0	11662
M	13660	02018	81918	96606	16707	5732/	00604	/////	/////	00106	11934	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

CIVIL TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
1 MARCH 1964

Explan
of sy

CLO

Symbol

Sky

WEA

Symbol

Mist

Fog

Driz

Rain dr

Rain

Rain

Snow

Rain sh

Snow

Hail

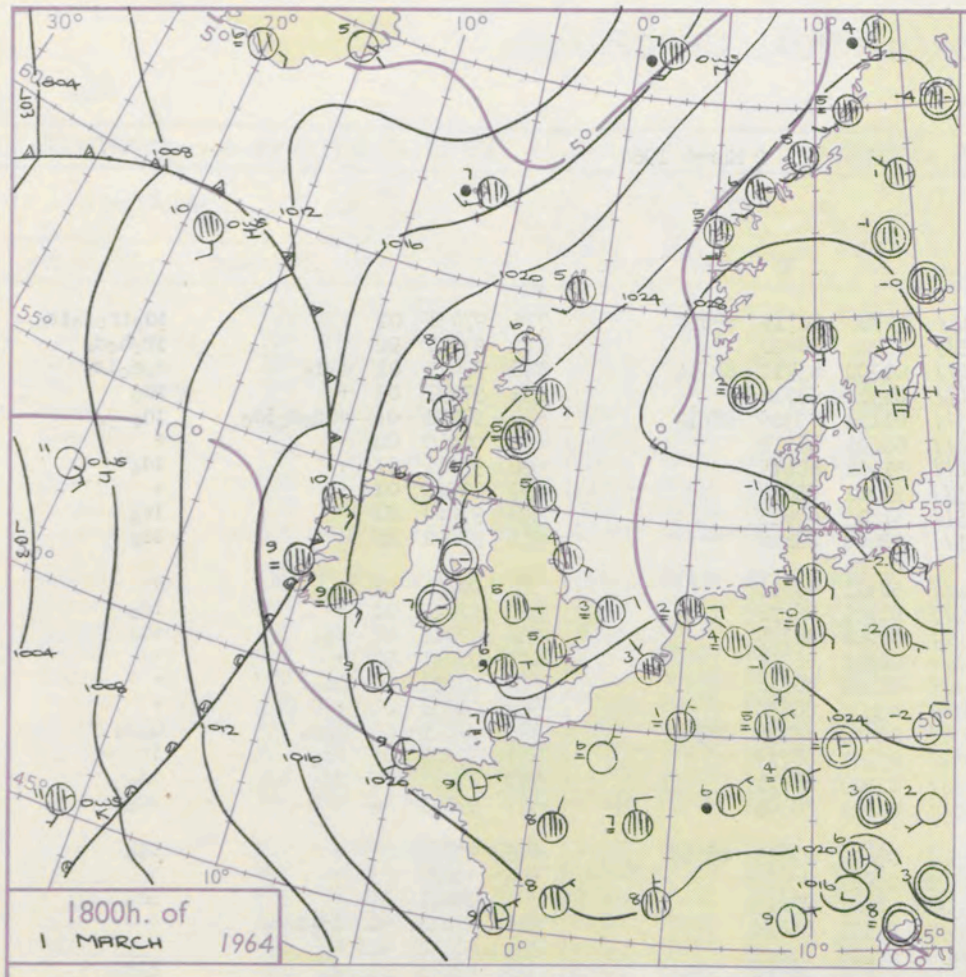
Thu

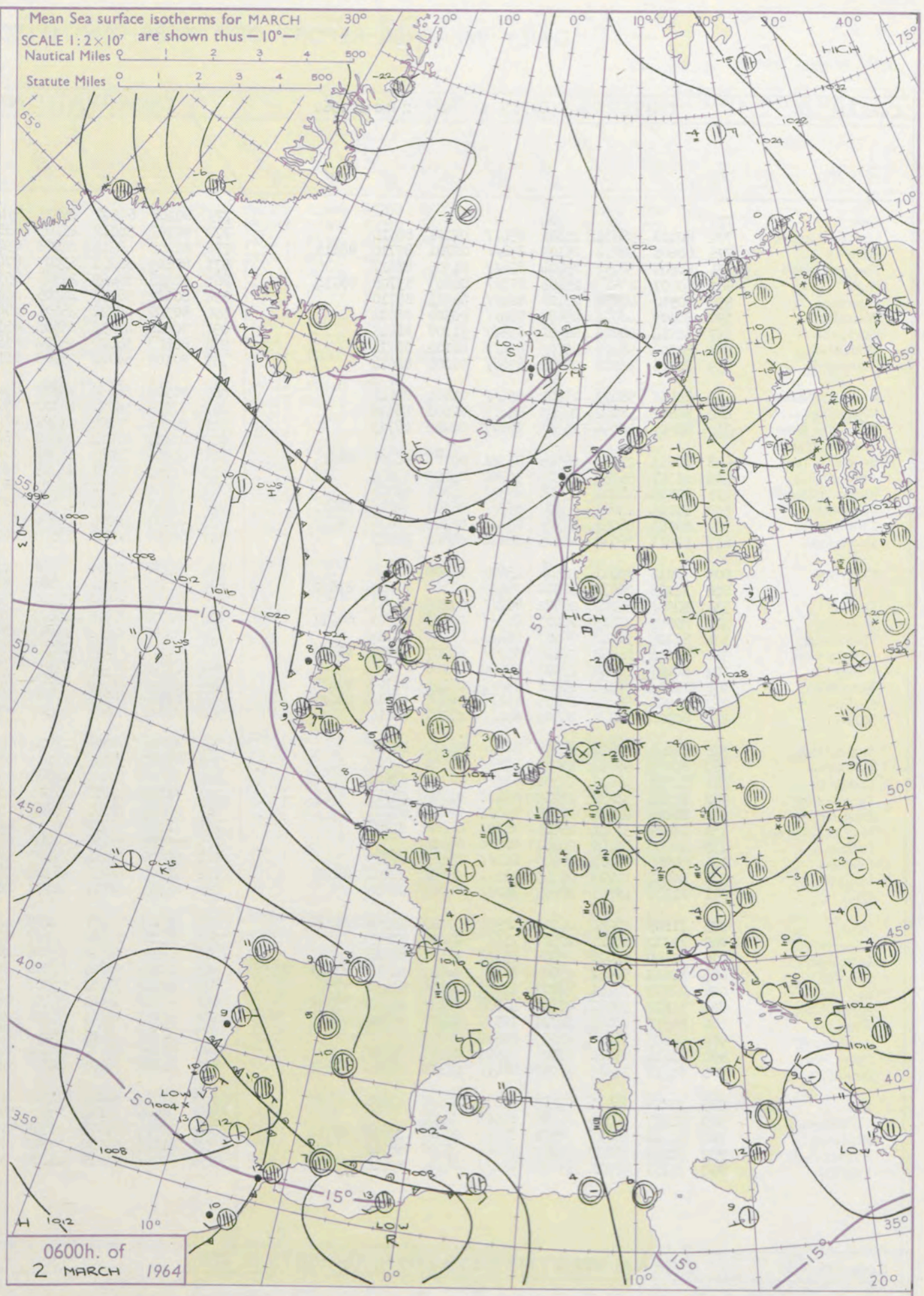
W

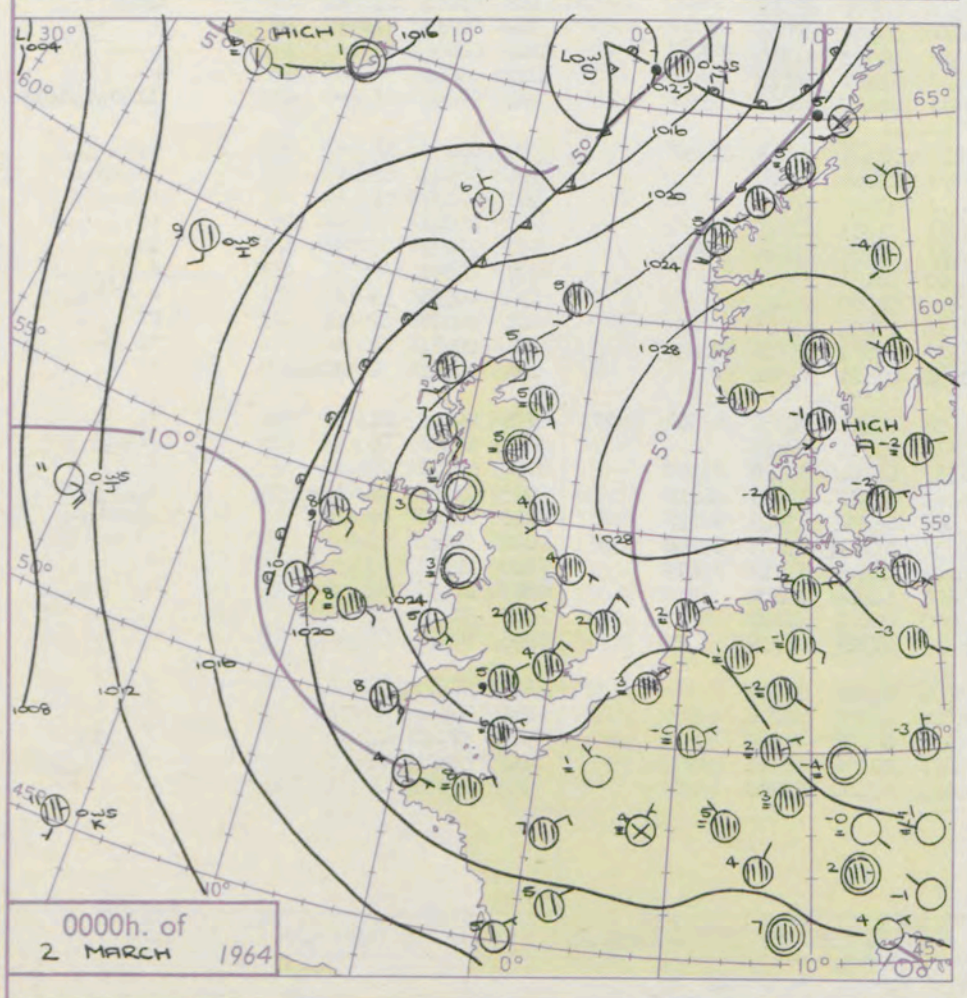
Symbol

For each
half-feath
5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Monday 2 March** 1964

An anticyclone has been moving southwest across Scandinavia and all parts of the British Isles lie within its circulation. During the next 24 hours changes over the British Isles are expected to be mostly small but a developing anticyclone is expected to move from the north to a position near the Faeroes while the existing high moves south into central Europe. A deep depression will be slow moving over the central North Atlantic.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

There will be sunny periods in Northern Ireland and southwest Scotland but elsewhere it will be mainly cloudy. Eastern Scotland will have a little rain and there will be drizzle at times over southwest England and the Midlands. Temperatures will be near normal in the northwest but most districts will be rather cold.

OUTLOOK for following 24 hours

Rather cold and cloudy but mostly dry. There may be sunny periods in some western districts.

Code FM 11.A

OBSERVATIONS at 00h. 2 March 1964

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			04					
London Airport	772	80108	56032	25504	854//	02201	88614		
Gatwick	776	80606	40052	25103	854//	02701	85710	88615	
Thorney Island	871	80804	32052	25604	854//	01305	88617		
Hurn	862	80401	23515	25105	853//	04003	83708	88614	
Guernsey	894	80910	40052	23106	864//	04805	88710		
Wattisham	590	80609	48022	25602	854//	00502	88614		
Gorleston	497	80214	60022	26302	855//	51107	88626		
Mildenhall	578	80000	58022	25703	854//	01102	88618		
Cardington	559	80306	56022	26403	854//	01106	88614		
West Raynham	485	80405	58022	25902	854//	01604	88619		
Wittering	462	80602	58022	26303	854//	01001	88616		
Boscombe Down	746	80502	40055	25305	864//	02202	88713		
Ross-on-Wye									
Bristol	628	80605	23502	25505	853//	04105	86706	88615	
Aberporth	502	41507	56050	24305	35702	03203	83656		
Rhoose (Cardiff)	715	80810	26202	25005	863//	05306	88706		
Plymouth	827	81005	23041	23507	853//	06101	82708	88627	
Chivenor	707	80903	48051	24307	854//	05302	85616	88629	
St. Mawgan	817	51011	56030	23205	55400	04002	85617		
Culdrose	809	41010	85011	22506	45600	05400	84633		
Scilly	804	71216	74032	21508	784//	07103	83813	87630	
Elmdon	534	80506	56042	26402	864//	01205	88711		
Shawbury	414	80907	23515	26803	863//	02209	85709	88711	
Manchester	334	81106	56042	26203	864//	01206	88714		
Squires Gate	318	81110	14042	26105	862//	05207	83705	88708	
Valley	302	00000	59110	25003	00900	01206			
Ronaldsway	204	71214	26042	25506	753//	05105	82707	87618	
Carlisle	222	80905	56052	26505	854//	04007	83617	88627	
Watnall	354	80000	56022	26602	854//	01202	88616		
Spurn Head	396	81204	57022	25804	864//	01400	88717		
Finningley	360	80000	58022	27004	855//	02100	88623		
Dishforth	261	82706	58012	27304	855//	02203	88620		
Tynemouth	262	82305	32052	27204	864//	02205	88715		
Eskdalemuir	162	80000	48052	26205	864//	03105	88711		
Mull of Galloway	131	21609	32051	25806	26300	05208	82708		
Prestwick	135	00000	32100	26201	00900	00210			
Renfrew	141	60000	05462	26602	662//	02109	86705		
Leuchars	171	80000	22102	26305	862//	04206	83704	88707	
Dyce	091	81706	19105	26505	862//	04207	88705		
Wick	075	71809	40050	24005	10936	03207	81360	87270	
Cape Wrath	049	72310	83021	22507	755//	00220	87625		
Sule Skerry	010	72109	81028	23308	755//	07215	87620		
Lerwick	005	82012	59052	23805	853//	04102	82708	85711	88656
Stornoway	026	72013	74251	23807	1263/	04110	81830	87358	
Benbecula	022	61612	58042	23306	40932	05212	81359	83360	
Tiree	100	61517	48041	24307	10932	04212	81360	86070	
Aldergrove	917	01105	56050	25303	00900	00309			
Malin Head	980	11414	83020	23506	00901	01309	81070		
Belmullet	976	61511	74505	20008	664//	07108	86719	86631	
Birr	965	21308	74011	23407	15630	04107	81635		
Collinstown	969	01307	61100	24305	00900	02207			
Rineanna	962	81312	66025	22109	864//	07208	86710	88714	
Roches Point	952	81012	59102	22208	864//	07208	88711		
Valentia	953	71211	69026	19710	754//	08110	82718	87630	

OBSERVATIONS at 06h. 2 March 1964

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	80208	62502	25003	854//	51702	86715	88620	
London Airport	772	80207	58012	25103	855//	01702	88620		
Gatwick	776	80405	48515	24903	854//	01000	83712	88614	
Thorney Island	871	80603	32202	25003	874//	02500	88716		
Hurn	862	80408	39055	24903	853//	01102	83708	88610	
Guernsey	894	80912	58052	23305	854//	02400	88612		
Wattisham	590	80309	48022	25401	854//	51501	88615		
Gorleston	497	80314	48052	25803	855//	51702	88624		
Mildenhall	578	80403	58022	25802	855//	51303	88625		
Cardington	559	80106	58022	25903	855//	00400	88622		
West Raynham	485	80509	56032	25802	854//	51301	88617		
Wittering	462	83505	56022	26102	855//	01301	88628		
Boscombe Down	746	80406	37205	25402	863//	00202	88708		
Ross-on-Wye	627	80407	57022	25902	864//	00400	88710		
Bristol	628	80609	32045	25602	864//	01205	88710		
Aberporth	502	81405	56051	24305	857//	03400	88650		
Rhoose (Cardiff)	715	80912	26512	25303	863//	02303	85706	88708	
Plymouth	827	80908	32026	23805	864//	03301	88713		
Chivenor	707	80807	50505	24506	854//	03303	88616		
St. Mawgan	817	80909	48501	23505	863//	03205	88709		
Culdrose	809	81108	37205	22706	853//	05400	83709	88618	
Scilly	804	51216	58012	22108	58470	05303	83815		
Elmdon	534	70000	58042	26401	755//	50002	87629		
Shawbury	414	80000	28045	26602	855//	01101	88626		
Manchester	334	80000	56042	26403	855//	00201	88625		
Squires Gate	318	81308	32512	26603	854//	03201	88612		
Valley	302	70305	40111	25105	756//	04302	87635		
Ronaldsway	204	71412	28042	26005	754//	04302	81712	87625	
Carlisle	222	80708	58022	27004	856//	02102	88618		
Watnall	354	80301	40606	26402	855//	01400	88620		
Spurn Head	396	80706	57022	26504	6642/	00400	86715	88460	
Finningley	360	80107	56042	27103	855//	02106	88629		
Dishforth	261	80406	59032	27103	855//	02102	88623		
Tynemouth	262	81208	61022	27504	864//	01303	88715		
Eskdalemuir	162	80000	58105	26704	854//	03001	85616	88620	
Mull of Galloway	131	21610	32050	26105	26300	04101	82708		
Prestwick	135	60000	38101	26200	655//	00000	86625		
Renfrew	141	90000	F8474	26903	9////	03204	89/01		
Leuchars	171	70000	48052	26304	754//	03801	85711	86620	
Dyce	091	41701	32101	26103	20932	02601	82360		
Wick	075	71805	58052	24205	25638	03301	82635	83360	87275
Cape Wrath	049	82310	83022	21707	855//	01716	88625		
Sule Skerry	010	72109	74016	22908	4653/	08704	84720	87360	
Lerwick	005	82114	58616	22906	853//	05706	83706	88616	
Stornoway	026	81912	57602	24307	3552/	04302	83625	88458	
Benbecula	022	71712	56041	24406	2563/	03206	82647	87360	
Tiree	100	31515	40041	25206	16401	04205	81712	83075	
Aldergrove	917	31007	32041	25803	25601	02304	82630		
Malin Head	980	11506	80020	24404	12500	02002	81820		
Belmullet	976	81306	66605	22508	864//	07306	88719		
Birr	965	10000	62020	24303	15600	02306	81637		
Collinstown	969	20906	13284	25004	26300	03206	82706		
Rineanna	962	10911	66011	23305	10930	04208	81360		
Roches Point	952	81111	59010	23307	864//	06204	88711		
Valentia	953	81016	62515	21009	864//	07204	88712		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONVECTION TA °C
Kew	775	97031	02	+	$id_0ir_0s_0is_0$	40
London Airport	772	97031	02	+	$ir_0d_0d_0$	39
Gatwick	776	97011	01	d_0d_0	$d_0d_0is_0$	38
Thorney Island	871	97031	03	+	id_0	37
Hurn	862	97031	03	$ddd_0d_0id_0$	id_0	36
Guernsey	894	00040	04	+	+	35
Wattisham	590	97011	01	+	id_0	34
Gorleston	497	00020	01	+	+	33
Mildenhall	578	97021	01	+	ir_0	32
Cardington	559	97021	02	+	id_0	31
West Raynham	485	00011	01	+	+	30
Wittering	462	97021	01	+	id_0	29
Boscombe Down	746	97011	01	id_0	id_0	28
Ross-on-Wye	627	00011	53	+	+	27
Bristol	628	97021	02	id_0	+	26
Aberporth	502	00031	01	+	+	25
Rhoose (Cardiff)	715	97021	02	d_0d_0	d_0d_0	24
Plymouth	827	97051	03	ir_0	ir_0	23
Chivenor	707	97041	02	id_0	id_0	22
St. Mawgan	817	97041	04	+	id_0	21
Culdrose	809	97051	03	+	id_0	20
Scilly	804	00071	//	+	+	19
Elmdon	534	97041	00	+	id_0	18
Shawbury	414	97011	50	$id_0d_0d_0$	+	17
Manchester	334	00031	02	+	+	16
Squires Gate	318	97031	03	+	d_0d_0	15
Valley	302	00011	52	+	+	14
Ronaldsway	204	00051	03	+	+	13
Carlisle	222	00041	03	+	+	12
Watnall	354	97021	01	+	$ir_0d_0r_0d_0d_0$	11
Spurn Head	396	00030	//	+	+	10
Finningley	360	00031	02	+	+	9
Dishforth	261	00031	02	+	+	8
Tynemouth	262	00041	03	+	+	7
Eskdalemuir	162	97031	03	id_0	id_0	6
Mull of Galloway	131	00051	//	/	/	5
Prestwick	135	00521	55	+	+	4
Renfrew	141	00011	52	ff	F*	3
Leuchars	171	00011	51	+	jf	2
Dyce	091	97021	52	d_0d_0	+	1
Wick	075	00041	02	+	+	0
Cape Wrath	049	97051	05	+	ir_0	−1
Sule Skerry	010	01072	05	/	/	−2
Lerwick	005	03052	03	id_0	$id_0r_0r_0rr$	−3
Stornoway	026	01061	05	pr_0	$r_0r_0d_0d_0$	−4
Benbecula	022	00050	02	+	+	−5
Tiree	100	00061	03	+	+	−6
Aldergrove	917	00501	54	+	+	−7
Malin Head	980	97031	01	/	/	−8
Belmullet	976	94071	06	/	/	−9
Birr	965	97011	54	/	/	−10
Collinstown	969	97021	52	/	/	−11
Rineanna	962	97041	03	/	/	−12
Roches Point	952	00071	06	/	/	−13
Valentia	953	02081	06	/	/	−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	20621	33100	81121	97602	03807	7742/	00302	87810	/////	00205	11233	10643
B	20565	51000	80000	98022	03355	3452/	00714	83625	88460	06662	12733	1////
C	20528	35500	81020	97025	89908	874//	00822	88710	/////	00206	1////	1////
D	20440	41000	31810	98258	73409	29400	00715	82915	/////	05507	19026	1////
I	20590	19100	41712	97205	14009	65476	00221	86612	86270	05108	11733	11944
J	20525	20000	11322	98010	09111	10961	41001	81360	/////	05109	11433	11945
K	20451	15500	71805	98012	09511	3577/	00209	83650	86361	05208	100/0	12253
M	23660	02000	81716	96616	14507	4732/	00722	/////	/////	00006	11745	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	20620	32806	81325	96206	03507	864//	31400	88710	/////	00206	11325	1////
B	20565	51006	83004	98032	01155	55530	00608	85620	/////	66663	12632	1////
C	20528	35506	81025	97022	82908	874//	00742	88710	/////	00207	1////	1////
D	20440	41006	62737	98808	73508	62400	00220	86815	/////	05805	12636	11936
I	20589	19006	41710	97031	17010	48500	00114	81818	84620	05007	11732	11944
J	20524	20106	21220	99020	08811	11501	00101	82825	/////	00009	11334	11945
K	20450	16306	22507	98011	09711	15702	61301	81650	/////	05206	100/0	12543
M	23660	02006	81710	97808	13307	69400	00400	/////	/////	05105	11745	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37357

Date of Issue Tuesday 3 March 1964

OBSERVATIONS at 12h. 2 March 1964

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	80312	56022	26403	885//	52101	84825	88635	
102	London Airport	772	80309	50026	26503	855//	50206	81622	88632	
100	Gatwick	776	80208	40057	26203	854//	50106	82612	88625	
99	Thorney Island	871	80309	48055	26204	855//	51003	88625		
97	Hurn	862	80510	59015	26004	854//	50801	86617	88625	
95	Guernsey	894	80712	56052	24305	854//	01501	85615	87620	
93	Wattisham	590	80110	30055	26602	854//	00303	86712	88618	
91	Gorleston	497	80411	56052	26304	873//	01103	88708		
90	Mildenhall	578	80205	48206	26903	854//	50205	84618	88623	
88	Cardington	559	80406	58205	27403	854//	51208	84615	88620	
86	West Raynham	485	80409	40015	27003	853//	00206	81709	86615	88620
84	Wittering	462	80509	59025	27503	854//	50105	84614	88620	
82	Boscombe Down	746	80710	56052	26403	854//	51002	83710	88620	
81	Ross-on-Wye	627	80608	48052	26904	864//	00103	88715		
79	Bristol	628	80409	60032	26504	885//	00000	83820	88630	
77	Aberporth	502	60608	50052	26605	65600	01003	86630		
75	Rhoose (Cardiff)	715	70612	59015	26405	754//	50802	81618	87620	
73	Plymouth	827	80908	29042	25504	854//	02304	85710	88625	
72	Chivenor	707	81008	56025	26204	854//	01801	84710	88618	
70	St. Mawgan	817	81010	48025	25205	854//	03505	85716	88630	
68	Culdrose	809	81012	40052	24506	854//	03303	88614		
66	Scilly	804	80915	48022	24207	853//	06216	82707	88618	
64	Elmdon	534	80508	56045	27303	854//	51203	82710	85617	88630
63	Shawbury	414	80909	57022	27505	854//	00400	81715	84620	88626
61	Manchester	334	80808	58022	28004	855//	51206	88628		
59	Squires Gate	318	71211	56045	28306	755//	02205	87622		
57	Valley	302	20000	58041	27107	25600	03106	82635		
55	Ronaldsway	204	71408	56042	28005	754//	03110	84713	87623	
54	Carlisle	222	81203	48052	28405	854//	03003	81717	87628	88635
52	Watnall	354	80708	48216	27603	852//	01004	85705	88618	
50	Spurn Head	396	80808	48022	28003	5642/	51209	85715	88458	
48	Finningley	360	80707	59042	28304	855//	00604	84622	88635	
46	Dishforth	261	80807	62032	28304	855//	01102	85620	88625	
45	Tynemouth	262	81206	61022	28804	855//	01105	88625		
43	Eskdalemuir	162	80000	58052	28005	884//	03004	83710	88625	
41	Mull of Galloway	131	81802	16052	28406	862//	05212	88705		
39	Prestwick	135	72602	34052	27906	755//	04205	81620	87635	
37	Renfrew	141	40000	05444	28006	45600	05103	84630		
36	Leuchars	171	72905	32051	27605	56401	03003	85710	83075	
34	Dyce	091	41908	37051	27207	15702	03106	81656	84070	
32	Wick	075	80000	69026	25309	7567/	06203	87635	88460	
30	Cape Wrath	049	82320	57106	24506	874//	04207	88720		
28	Sule Skerry	010	82613	32616	24807	864//	07209	88710		
27	Lerwick	005	82323	56616	23106	6712/	05801	86702	88530	
25	Stornoway	026	82012	28636	26307	854//	07208	87618	88630	
23	Benbecula	022	71815	50041	26408	4543/	05011	81619	83645	87360
21	Tiree	100	01613	35040	27108	00900	06206			
19	Aldergrove	917	40000	02460	27405	42400	04104	84818		
18	Malin Head	980	01912	26050	26510	00900	03103			
16	Belmullet	976	61707	78026	24910	25532	07208	82628	83358	86070
14	Birr	965	61203	62031	26409	685//	04208	85822	86636	
12	Collinstown	969	81008	32104	27007	863//	06007	84707	86709	88713
10	Rineanna	962	61011	48102	25409	11502	05102	81820	86080	
9	Roches Point	952	80910	48102	25208	884//	06206	82717	88640	
7	Valentia	953	61007	61055	23511	12506	04110	81820	86270	

OBSERVATIONS at 18h. 2 March 1964

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	80112	36042	25704	884//	51302	85818	88630	
772	80208	40022	25804	855//	01303	82622	88632	
776	80107	36052	25104	855//	00302	84620	88630	
871	70404	24052	25304	757//	00307	87656		
862	80308	50042	25604	854//	50305	86617	88625	
894	80610	50052	23804	854//	01301	84615	87620	
590	80406	20055	25903	854//	02304	87712	88630	
497	80512	56055	26103	854//	01400	88612		
578	80205	40025	26303	854//	01304	85618	88625	
559	80109	40055	26603	854//	00500	81715	88625	
485	80310	32052	26603	854//	01303	86713	88618	
462	80209	37025	27003	854//	01303	81711	84614	88620
746	80307	40052	25803	854//	51303	84710	88618	
627	80605	57022	26603	864//	51304	88715		
628	80610	56042	26103	856//	51206	88630		
502	00903	48050	26004	00900	01301			
715	80810	56052	26004	855//	50304	83622	88625	
827	80609	37042	25104	854//	01501	82710	88625	
707	80708	58022	25805	854//	01306	88618		
817	80608	48052	24803	854//	01603	86615	88625	
809	80710	37052	24104	854//	01602	86713	88625	
804	81014	48022	23705	863//	03304	88708		
534	80506	48042	27402	855//	51306	86620	88635	
414	80908	50042	27404	855//	51306	84620	88625	
334	80807	40042	27504	854//	51301	84618	88628	
318	81008	40042	27305	855//	02503	82625	88630	
302	00410	30041	26904	00900	01304			
204	80905	58042	27805	854//	02302	82618	88625	
222	82405	19052	28005	855//	03102	83620	88630	
354	80708	20042	27602	854//	51303	87710	88620	
396	80805	48022	27003	854//	00001	86718	88625	
360	80406	40045	28203	854//	00304	86618	88628	
261	80000	57052	28104	855//	01302	86622	88630	
262	81406	61022	27304	856//	50612	88630		
162	72301	59052	27704	755/1	02500	87628		
131	81802	32052	28106	863//	04803	88708		
135	52404	28041	27206	35631	02501	83645		
141	12404	19044	27206	00901	02601	81075		
171	30000	18041	26605	30930	03503	83365		
091	71602	32051	26305	70931	03501	87359		
075	82709	28586	25308	872//	07400	85703	88710	
049	92010	F9456	24506	9////	05208	89/00		
010	82509	22536	24308	864//	08400	88710		
005	60108	69016	22807	653//	06102	84706	84630	
026	82005	22586	26707	853//	07304	83706	85710	88618
022	81808	61042	27008	853//	06202	83709	86615	88622
100	10000	40040	27006	10931	04400	81362		
917	61805	32051	27606	68500	03205	82822	84630	
980	00000	66100	26807	00900	05303			
976	21005	64101	25308	16502	05201	81720		
965	81302	61022	25808	856//	03501	88632		
969	80905	48102	27005	854//	02400	83717	88622	
962	71111	58052	25209	716//	03302	87634		
952	81112	40106	25207	854//	05301	84715	88635	
953	41008	61051	23408	12502	02201	81825	84070	

OBSERVATIONS during DAY

iii	RRT×TE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97041	000	is_0	+
772	97041	000	d_0d_0	id_0
776	97051	000	is_0	+
871	97051	002	id_0	+
862	00051	///	+	+
894	00060	000	+	+
590	97031	///	$id_0d_0d_0$	d_0d_0
497	97041	000	id_0	+
578	97041	000	$ir_0r_0r_0id_0$	+
559	97031	000	id_0	+
485	97031	000	id_0	+
462	97031	000	id_0	$id_0id_0d_0$
746	00031	000	+	+
627	00041	000	+	+
628	00051	000	+	+
502	00060	048	+	+
715	00051	000	+	+
827	00051	000	+	+
707	97071	014	id_0	+
817	00051	000	+	+
809	00061	000	+	+
804	00071	000	+	+
534	00041	000	+	+
414	97051	004	+	id_0
334	00051	000	+	+
318	00071	001	+	+
302	00091	036	+	+
204	00061	000	+	+
222	00061	000	+	+
354	97031	000	id_0ir_0	+
396	00040	000	+	+
360	97041	000	+	id_0
261	00051	000	+	+
262	00051	000	+	+
162	00061	001	+	+
131	00061	///	/	/
135	00090	022	+	+
141	00091	011	FFff	+
171	00081	016	+	+
091	00091	069	+	+
075	02102	002	ir_0	$r_0r_0r_0d_0d_0d_0$
049	09082	///	ir_0	rrff
010	05092	///	/	/
005	01081	000	r_0r_0rrif	ff
026	05092	000	d_0d_0irrr	rrd_0r_0
022	00090	020	+	+
100	00090	070	+	ff
917	00071	060	ifff	ff
980	9711/	089	/	/
976	9711/	074	/	/
965	9711/	048	/	/
969	9708/	008	/	/
962	9711/	041	/	/
952	9709/	000	/	/
953	9712/	029	/	/

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	32912	31323	98032	07808	35400	00222	83615	/////	00406	11235	10243
B	20565	51012	73012	98028	99453	71500	00708	87825	/////	06258	13432	1////
C	20527	35512	81041	95616	77507	8022/	00724	88505	/////	00006	11036	199/0
D	20440	41012	83164	95616	86006	6242/	00246	86808	88525	06205	18251	1////
I	20590	18912	71415	97031	19809	754//	00215	87615	/////	05206	11532	11744
J	20524	20412	11427	99021	08411	18401	00000	81815	/////	00209	11433	11946
K	20450	16112	21405	98020	13012	18502	41213	81820	/////	05106	100/0	12544
M	23660	02012	53608	97018	15807	58500	00218	/////	/////	00006	149/2	11745

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	71222	97022	08407	71440	00500	87810	/////	00406	11235	10742
B	20565	51018	83120	97852	96051	825//	00717	88825	/////	05954	13023	1////
C	20527	35518	81318	96606	76508	5747/	00306	85712	/////	00207	11336	15961
D	20440	41018	73048	96106	97106	724//	00241	87815	/////	06201	18254	1////
I	20591	19118	71320	98022	19510	754//	00705	87618	/////	00007	11333	11144
J	20525	20518	71430	97031	07911	3257/	00704	83825	87360	00210	11435	11948
K	20451	15918	71610	98021	12712	40948	00605	84361	85275	05106	100/0	12553
M	23660	02018	70316	97032	20007	755//	00231	/////	/////	05105	10334	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

CIVIL TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
2 MARCH 1964

Explanation of symbols

CLOUD

Symbol

WEATHER

Symbol

Mist
Fog
Drizzle
Rain
Rain
Snow
Rain
Rain
Snow
Hail
Thunder

WIND

Symbol

For each half-feather 5 knots

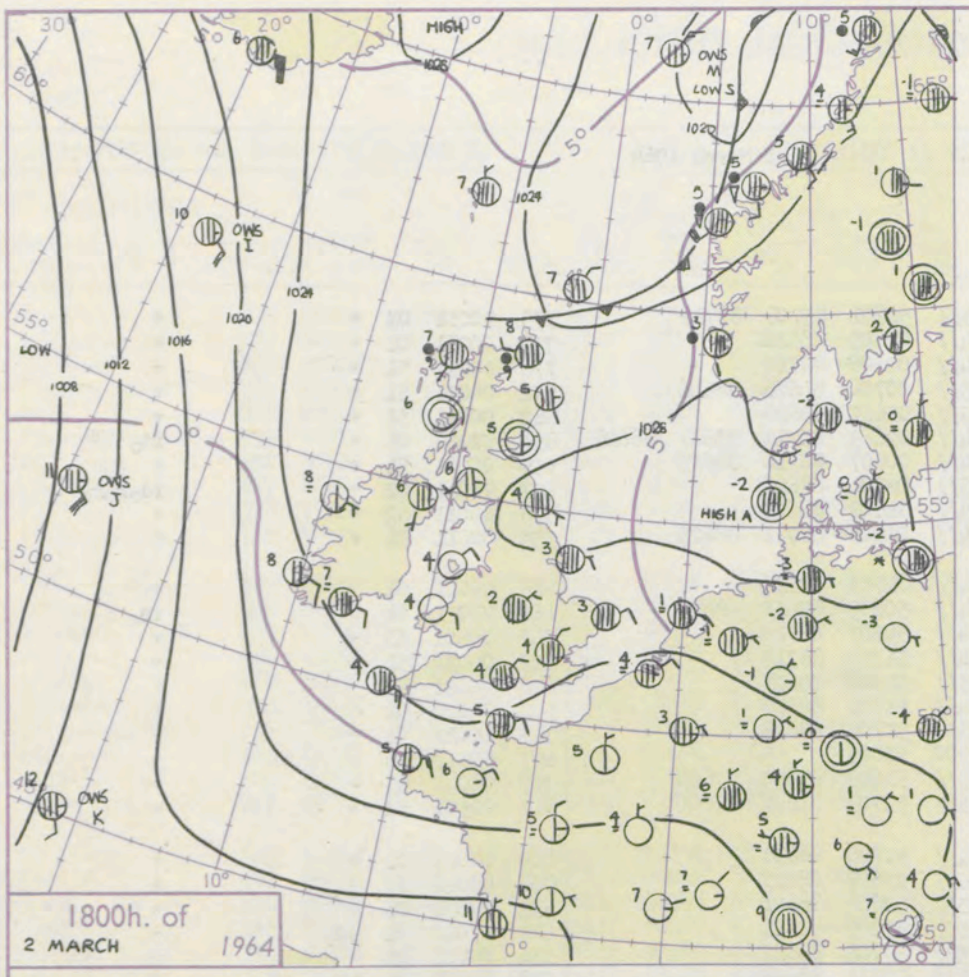
nation
mbols

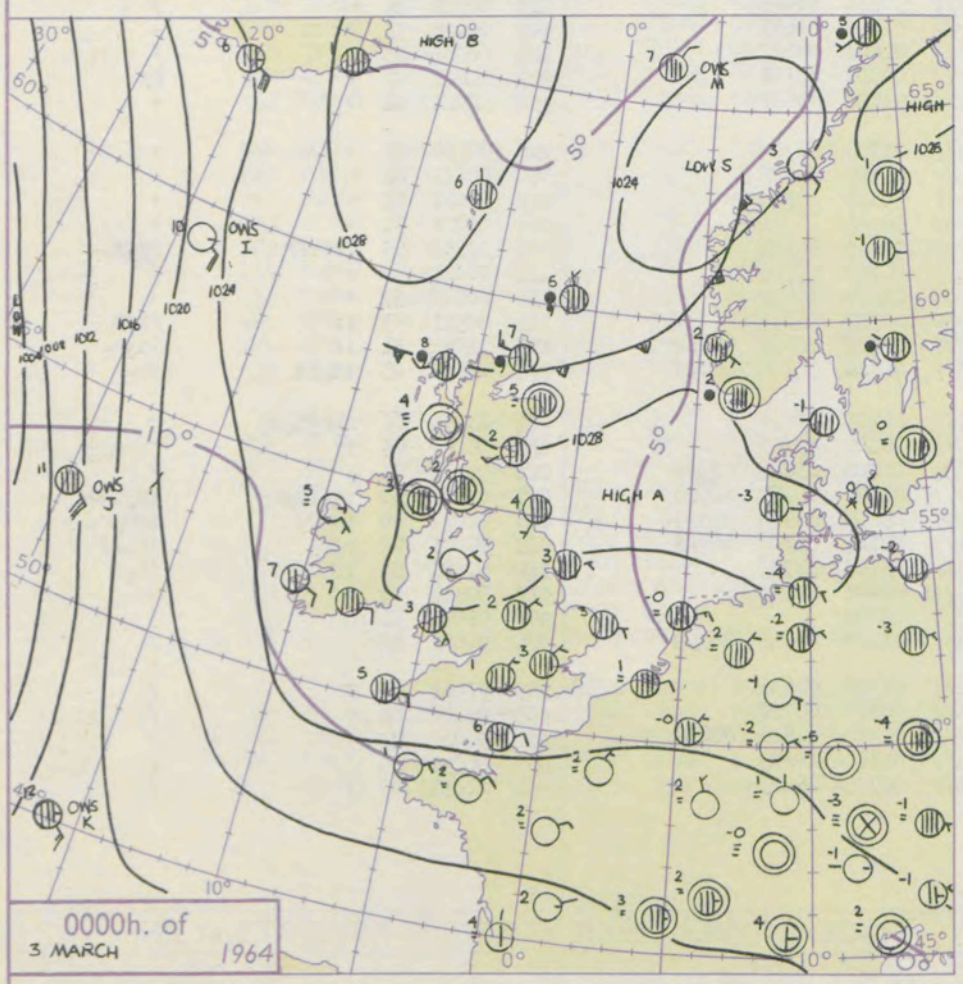
OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
obscured

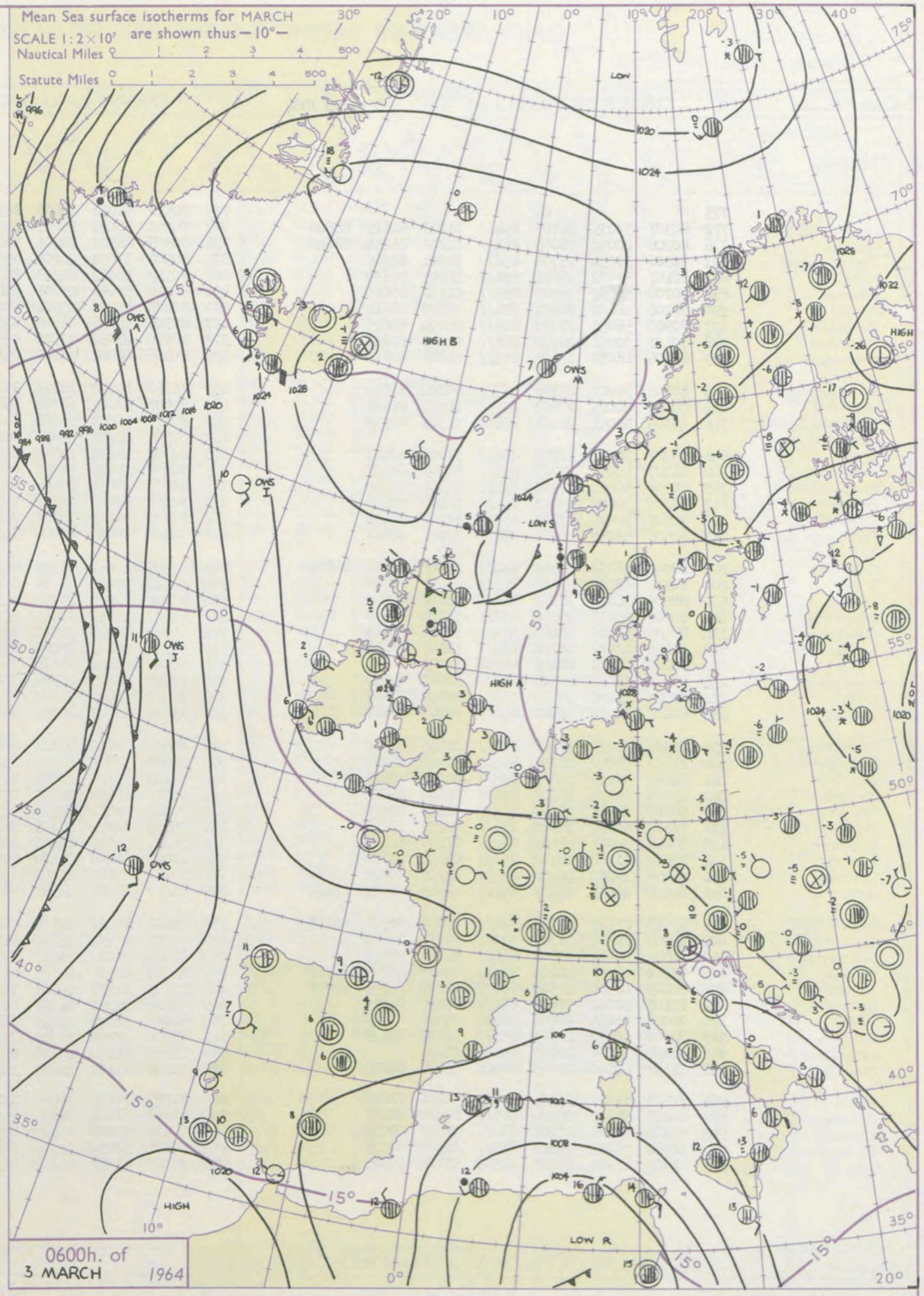
THER
Weather

zzle
and
rizzle
and snow
shower
and snow
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 Tuesday 3 March 1964 1964

An anticyclone has moved from southern Scandinavia to the North Sea, and pressure has become almost uniform over the British Isles. A shallow depression has also moved south during the past 24 hours off the Norwegian coast, and is expected to progress slowly towards Denmark. Another anticyclone which has formed north of Iceland is also moving slowly south and is expected to intensify a little. Meanwhile low pressure is being maintained over the Mediterranean and in mid-Atlantic.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

A belt of rain and drizzle over central Scotland will move slowly south to north England and Northern Ireland, followed by mainly dry but cloudy weather. Over England and Wales ahead of the rain belt it will be cloudy but with some breaks, chiefly in western districts. It will be cold in the south but temperatures in the north will be near normal.

OUTLOOK for the following 24 hours.

Becoming somewhat less cold with a little drizzle in the southeast. Rather cold in the southwest but near normal temperatures elsewhere.

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

Code FM 11.A

OBSERVATIONS at 00h. 3 March 1964

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			04					
London Airport	772	80307	37035	26703	854//	01203	81615	88640	
Gatwick	776	80208	40052	26003	854//	01203	86614	88640	
Thorney Island	871	80306	37052	25703	856//	01001	88640		
Hurn	862	80107	59022	26601	856//	51205	88630		
Guernsey	894	80708	56052	21905	855//	01102	87620		
Wattisham	590	80206	26102	26901	854//	00400	88612		
Gorleston	497	80907	56052	27203	855//	02204	88625		
Mildenhall	578	70103	32051	26902	755//	01703	87620		
Cardington	559	80206	48052	27102	855//	01803	88626		
West Raynham	485	80105	58012	27303	855//	00202	88625		
Wittering	462	80103	40025	27803	855//	00400	88620		
Boscombe Down	746	40305	50051	26601	45600	51501	81630		
Ross-on-Wye									
Bristol	628	80207	58022	26903	855//	51001	88623		
Aberporth	502	81207	40051	27703	855//	50207	88627		
Rhoose (Cardiff)	715	80909	56052	27203	855//	51301	88626		
Plymouth	827	80308	32042	26103	854//	00400	88618		
Chivenor	707	80907	58022	27103	855//	51104	88624		
St. Mawgan	817	80506	56052	26502	854//	51006	88617		
Culdrose	809	80906	56052	25304	854//	51103	81710	88619	
Scilly	804	80911	48022	25505	863//	03107	88708		
Elmdon	534	80505	56022	28002	854//	51001	88619		
Shawbury	414	80902	59115	28602	855//	51104	88620		
Manchester	334	80405	56042	28402	854//	53004	88619		
Squires Gate	318	80906	48042	28703	855//	50107	88625		
Valley	302	00407	48040	28102	00900	51005			
Ronaldsway	204	80000	56042	28505	854//	02000	88619		
Carlisle	222	70000	17102	28802	755//	02106	87627		
Watnall	354	80201	50032	28002	854//	50400	88617		
Spurn Head	396	80804	48022	27703	864//	01703	88710		
Finningley	360	83403	58022	28702	855//	51801	88624		
Dishforth	261	80000	58052	28802	855//	50002	88625		
Tynemouth	262	82005	48052	28504	855//	01400	88625		
Eskdalemuir	162	90000	01434	29251	9////	51101	89/00		
Mull of Galloway	131	71802	60031	28605	764//	02201	87712		
Prestwick	135	80000	24041	28102	854//	01400	88613		
Renfrew	141	70000	11100	28102	764//	02101	87710		
Leuchars	171	62408	19281	26902	6093/	01302	86362		
Dyce	091	80000	40105	26305	864//	04703	84717	88630	
Wick	075	83013	23516	25507	862//	07000	86703	88706	
Cape Wrath	049	92008	F9436	26307	9/0//	07213	89/00		
Sule Skerry	010	80302	66025	25808	864//	08205	88715		
Lerwick	005	83510	66585	24705	852//	04103	83703	85716	88620
Stornoway	026	82609	48506	27308	862//	08202	85705	88707	
Benbecula	022	82107	58042	27607	864//	07400	88710		
Tiree	100	00000	03444	28404	00900	04400			
Aldergrove	917	80000	40042	28703	855//	01101	88625		
Malin Head	980	01806	58100	27903	00900	01201			
Belmullet	976	11307	62100	27005	00902	03205	81070		
Birr	965	10802	61011	27703	15600	01202	81636		
Collinstown	969	80808	59102	28504	865//	00104	88720		
Rineanna	962	81208	58102	27007	856//	05207	88630		
Roches Point	952	80912	56052	26807	855//	02006	88623		
Valentia	953	41009	61050	25207	42500	03104	84825		

OBSERVATIONS at 06h. 3 March 1964

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	80510	56022	25603	863//	50701	85708	88712	
London Airport	772	80208	48022	25403	854//	01605	88616		
Gatwick	776	80306	48502	21903	864//	02606	88710		
Thorney Island	871	80507	37052	24204	855//	00704	81626	88646	
Hurn	862	80312	56022	24303	855//	01610	88620		
Guernsey	894	80510	50052	23005	854//	02609	83711	85617	86628
Wattisham	590	80405	35052	25901	854//	00607	86710	88615	
Gorleston	497	80906	56215	26403	855//	02704	88626		
Mildenhall	578	80000	23052	25902	855//	01608	88625		
Cardington	559	80206	48052	26302	854//	01603	86711	88625	
West Raynham	485	80000	40022	26302	854//	01608	88616		
Wittering	462	83607	37042	26702	854//	50605	85613	88627	
Boscombe Down	746	80410	40051	25001	864//	50607	88710		
Ross-on-Wye	627	80505	48052	25802	864//	51710	88715		
Bristol	628	80307	58022	25502	855//	51804	88621		
Aberporth	502	80908	31052	26201	854//	51706	88618		
Rhoose (Cardiff)	715	80609	48052	25402	855//	51706	88625		
Plymouth	827	00307	37041	24700	00900	51605			
Chivenor	707	70507	56012	25203	755//	51609	83620	87650	
St. Mawgan	817	71107	50052	25000	755//	52703	81621	87640	
Culdrose	809	80405	50052	23903	854//	51706	88618		
Scilly	804	80912	58022	23605	855//	03507	88623		
Elmdon	534	80206	59022	26702	855//	52606	88621		
Shawbury	414	80402	58022	27101	855//	52609	88621		
Manchester	334	80802	58022	26902	855//	53708	88622		
Squires Gate	318	81105	56042	27202	855//	50711	88625		
Valley	302	70907	48042	26802	756//	51708	87633		
Ronaldsway	204	80202	56042	26904	855//	02608	88622		
Carlisle	222	90000	02474	27502	9////	02708	89/01		
Watnall	354	83601	48022	26801	854//	51606	88617		
Spurn Head	396	80903	57022	26203	864//	01708	88710		
Finningley	360	83406	57022	26902	855//	51706	88625		
Dishforth	261	82106	59052	27002	855//	50610	88624		
Tynemouth	262	02505	48052	26703	00900	02708			
Eskdalemuir	162	90000	01434	27552	9////	53710	89/01		
Mull of Galloway	131	50105	32052	27105	563//	04712	85708		
Prestwick	135	31302	32042	26401	35500	01608	83622		
Renfrew	141	60000	01444	26400	60930	00712	86362		
Leuchars	171	82410	22602	25204	6567/	03707	86643	88362	
Dyce	091	83207	40216	24907	863//	06706	84706	88708	
Wick	075	73407	80025	25805	756//	04103	87630		
Cape Wrath	049	90902	00456	25906	9/0//	06202	89/00		
Sule Skerry	010	73505	74022	26507	3553/	06204	83620	87360	
Lerwick	005	83508	66516	24305	853//	04703	85709	88622	
Stornoway	026	83005	61036	26308	852//	08606	83704	88615	
Benbecula	022	82402	22106	26708	861//	08707	86702	88703	
Tiree	100	80000	58104	27005	863//	05608	88707		
Aldergrove	917	70000	40042	27503	755//	02708	87623		
Malin Head	980	01706	58100	26801	00900	00709			
Belmullet	976	61001	61101	26402	3563/	01603	83640	86359	
Birr	965	80502	56101	26403	856//	01707	88636		
Collinstown	969	81004	61102	26604	865//	00607	88720		
Rineanna	962	80910	56102	25805	855//	02704	86626	88640	
Roches Point	952	80912	58052	25306	854//	01604	88619		
Valentia	953	81009	61052	24106	825//	02705	88825		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	00031	02	+	+
772	00031	01	+	+
776	00021	51	+	+
871	00021	51	+	+
862	00011	51	+	+
894	97040	03	+	id_o
590	00011	51	+	+
497	91021	02	+	$id_or_or_o$
578	00011	52	+	+
559	00011	01	+	+
485	00011	01	+	+
462	97011	01	+	is_o
746	00501	53	+	+
627	00021	51	+	+
628	00021	01	+	+
502	00010	01	+	+
715	00011	01	+	+
827	00511	54	+	+
707	00011	55	+	+
817	00501	51	+	+
809	00021	02	+	+
804	00040	//	+	+
534	00021	01	+	+
414	97010	01	id_o	+
334	00011	01	+	+
318	00021	01	+	+
302	00021	51	+	+
204	00041	03	+	+
222	00021	02	+	FF
354	00011	01	+	+
396	00020	//	+	+
360	00021	01	+	+
261	00021	01	+	+
262	00021	51	+	+
162	97531	53	ifffFF	FFff
131	00011	//	/	/
135	00000	52	+	+
141	00511	53	ff	FFff
171	91011	51	if	id_or_o
091	01041	03	id_o iR	ir_o
075	03032	01	$r_or_od_od_o$	+
049	06052	05	ff	$ffir_o$
010	01061	05	/	/
002	01041	50	$id_oid_or_o$	$id_od_od_o$
026	01071	06	id_or_o	drd_or_o
022	96071	07	r_or_o	id_off
100	97001	53	ff	id_o
917	00511	53	+	+
980	97001	51	/	/
976	97021	50	/	/
965	97011	55	/	/
969	00400	03	/	/
962	00040	02	/	/
952	00051	04	/	/
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_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	30622	33200	81028	97022	06307	854//	00713	88610	/////	00206	11135	10842
B	30565	51000	83130	97858	94551	825//	00715	88825	/////	05854	13136	1////
C	30524	35400	51332	97258	78308	27470	00308	82710	85357	00457	11335	159/1
D	30440	41000	83137	97022	04305	825//	00211	88825	/////	06452	18144	1////
I	30591	19200	11420	98012	22410	15400	00216	81618	/////	00108	11433	11144
J	30526	20500	81428	98022	09611	854//	30504	84715	88630	00110	11435	11858
K	30451	15900	71515	98031	14012	35772	00704	83650	85361	05108	11643	12553
M	33660	02000	80210	97022	24407	855//	00217	/////	/////	05006	10223	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	30620	32906	81134	96022	03008	6742/	31724	86810	/////	00407	11137	1////
B	30565	51006	83141	97028	93100	825//	00508	88825	/////	05654	13159	1////
C	30527	35506	82818	97808	82407	824//	00324	88815	/////	00105	11336	10969
D	30440	41006	83121	98022	06906	82511	00215	88825	/////	06351	13249	1////
I	30589	19006	11522	98011	22210	18500	31501	81820	/////	00007	11535	11046
J	30525	20206	81328	98032	09111	854//	31607	83710	88630	00211	11335	11446
K	30452	16006	81621	98022	11712	3577/	00714	83650	88361	00010	11634	12553
M	33660	02006	80214	97022	27807	6742/	00217	/////	/////	00006	10223	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37358 — Date of Issue Wednesday 4 March 1964

OBSERVATIONS at 12h. 3 March 1964 — Code FM 11.A

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	80904	40052	25405	864//	01705	88712		
London Airport	772	81003	31042	25705	855//	01803	84627	88645	
Gatwick	776	80507	36052	25404	854//	01002	85617	88622	
Thorney Island	871	70710	34052	24806	756//	02503	87645		
Hurn	862	80707	37052	24706	853//	02804	84706	88615	
Guernsey	894	81009	32055	22705	854//	03704	83712	88625	
Wattisham	590	80203	28505	25803	853//	01802	83706	88615	
Gorleston	497	80305	57212	26003	854//	01804	82710	88625	
Mildenhall	578	80000	37052	25704	853//	02805	86708	88620	
Cardington	559	80302	40205	26104	854//	02704	86712	88630	
West Raynham	485	80301	37582	25903	853//	01803	84709	85712	88620
Wittering	462	80306	48507	26003	854//	01805	83615	88625	
Boscombe Down	746	70709	48052	25205	754//	01502	82710	86615	85645
Ross-on-Wye	627	80507	57022	25804	864//	00803	88715		
Bristol	628	80309	48051	25405	855//	00208	88625		
Aberporth	502	80605	48052	26103	854//	50805	84715	88630	
Rhoose (Cardiff)	715	70814	56052	25405	755//	50806	87625		
Plymouth	827	80508	29041	24005	854//	02810	81712	88635	
Chivenor	707	30901	56011	25007	35400	02807	83615		
St. Mawgan	817	00205	48051	24305	00900	50809			
Culdrose	809	10805	50051	24006	11400	00706	81818		
Scilly	804	80913	44022	23805	855//	03802	88626		
Elmdon	534	70301	40042	26503	754//	51804	82714	87625	
Shawbury	414	72701	56042	27003	755//	53706	87625		
Manchester	334	70000	48042	26504	755//	53607	87622		
Squires Gate	318	82308	57042	26704	854//	51806	81718	88624	
Valley	302	70000	48042	27204	755//	51001	87625		
Ronaldsway	204	52106	58042	26706	55500	01801	85622		
Carlisle	222	80000	23604	26705	854//	03706	84715	86625	88635
Watnall	354	80000	29042	26204	855//	51603	87625	88630	
Spurn Head	396	80810	57022	25203	854//	01709	84712	88620	
Finningley	360	80000	57042	26205	855//	50809	88625		
Dishforth	261	52006	48052	25705	55501	01713	85630		
Tynemouth	262	82710	16616	25805	856//	03701	88630		
Eskdalemuir	162	80000	40616	26402	873//	00703	88706		
Mull of Galloway	131	72702	60052	27008	7093/	02401	87360		
Prestwick	135	82307	34606	26006	5543/	05706	82712	83640	88360
Renfrew	141	70000	24214	25607	755//	05805	83625	87640	
Leuchars	171	81504	44046	25207	862//	06801	83704	85707	88630
Dyce	091	73409	74026	25407	784//	03505	81816	87635	
Wick	075	73609	80031	25907	784//	05806	82815	87625	
Cape Wrath	049	80502	86031	26506	885//	05704	82620	88625	
Sule Skerry	010	60205	82018	27008	685//	06400	83820	86625	
Lerwick	005	70314	62805	24907	782//	05101	81705	85812	86630
Stornoway	026	70411	82026	27409	784//	07802	81712	83822	87635
Benbecula	022	60513	83205	26709	653//	07601	81709	86627	
Tiree	100	92806	02475	26208	9/0//	07807	89/01		
Aldergrove	917	42906	32101	27206	45800	02802	84657		
Malin Head	980	02408	40100	27007	00900	03604			
Belmullet	976	61108	61051	26106	5653/	01807	83720	85635	86358
Birr	965	81203	61052	26305	854//	00705	83715	88640	
Collinstown	969	80905	56102	26805	864//	50801	81718	88624	
Rineanna	962	71210	48102	25706	756//	50805	87630		
Roches Point	952	81008	56052	25506	855//	50602	88625		
Valentia	953	81109	61052	24207	855//	02803	88627		

OBSERVATIONS at 18h. 3 March 1964

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	80204	28052	23805	864//	51601	87712	88715	
London Airport	772	80106	26042	23805	854//	01602	81618	88625	
Gatwick	776	80606	32042	23704	854//	02502	84617	88630	
Thorney Island	871	60401	23052	23404	664//	01701	86710		
Hurn	862	71005	32042	23605	754//	02501	86715	86640	
Guernsey	894	70503	18052	21505	5567/	03500	85630	86360	
Wattisham	590	80704	32055	24002	853//	01608	85706	88615	
Gorleston	497	80307	56052	24203	855//	00707	88625		
Mildenhall	578	80000	40052	24003	854//	00607	83715	88625	
Cardington	559	80104	56052	24403	855//	00603	86620	88625	
West Raynham	485	80405	48036	23802	855//	01607	88620		
Wittering	462	80000	40025	24403	854//	01606	85615	88625	
Boscombe Down	746	80503	32052	23705	855//	01301	85620	88630	
Ross-on-Wye	627	80105	24052	24203	864//	00400	88715		
Bristol	628	80307	40042	23704	855//	00000	81625	88635	
Aberporth	502	70303	40052	24103	754//	51706	82718	87635	
Rhoose (Cardiff)	715	80706	32052	23904	855//	01603	85620	88625	
Plymouth	827	80509	24042	22805	854//	03500	88617		
Chivenor	707	71205	32021	23506	755//	02301	87622		
St. Mawgan	817	71105	33051	22905	754//	03602	86618	87635	
Culdrose	809	70803	30051	22605	755//	02604	84620	87623	
Scilly	804	50507	48031	22705	55500	02605	85625		
Elmdon	534	80000	36042	24503	854//	52803	82615	88625	
Shawbury	414	72505	40042	24703	755//	51605	87623		
Manchester	334	72602	33041	24104	755//	52606	82625	87640	
Squires Gate	318	83205	26042	24404	856//	01608	88635		
Valley	302	00307	48041	24604	00900	51604			
Ronaldsway	204	73503	58042	24606	2573/	02607	82650	87360	
Carlisle	222	82703	23606	25305	854//	04502	86715	88628	
Watnall	354	80000	23042	24004	855//	50607	88620		
Spurn Head	396	80000	48028	23704	864//	01714	88708		
Finningley	360	82004	23602	24005	855//	01606	88623		
Dishforth	261	80000	32212	23805	854//	03603	86617	88625	
Tynemouth	262	73414	66026	23906	756//	05504	87635		
Eskdalemuir	162	80000	66206	24904	854//	04500	81710	88628	
Mull of Galloway	131	83608	56052	24606	864//	04709	88710		
Prestwick	135	80000	27046	24307	854//	05802	83712	84615	88630
Renfrew	141	80000	08512	23508	854//	06710	83712	87622	
Leuchars	171	70306	58046	24407	784//	05504	81712	84820	87630
Dyce	091	73505	48258	25106	784//	05303	81712	84820	87650
Wick	075	70307	80258	26106	784//	05301	83815	87630	
Cape Wrath	049	50506	86028	26406	28530	04210	82820	83625	
Sule Skerry	010	60209	82018	26707	5553/	07703	85625	86360	
Lerwick	005	60610	80028	27206	6244/	05216	86812		
Stornoway	026	50406	80021	27107	28530	05601	81824	84359	
Benbecula	022	20313	85155	25906	28500	03803	81822		
Tiree	100	80204	58215	24608	852//	07705	84703	87710	88620
Aldergrove	917	80000	37051	25007	855//	03504	85625	87645	
Malin Head	980	80000	48102	25007	857//	05506	88650		
Belmullet	976	51005	50102	24205	555//	02606	82722	85635	
Birr	965	80401	59102	24804	856//	01503	88637		
Collinstown	969	21204	40051	24803	25500	00604	82623		
Rineanna	962	71110	48052	24006	755//	00502	87629		
Roches Point	952	80905	40052	24005	855//	50504	88622		
Valentia	953	71109	58052	22606	755//	02502	87627		

OBSERVATIONS during DAY

Station	iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00061	000	+	+
London Airport	772	00061	000	+	+
Gatwick	776	00051	000	+	+
Thorney Island	871	00071	000	+	+
Hurn	862	00070	///	+	+
Guernsey	894	97060	000	id_o	+
Wattisham	590	97031	///	id_o	id_o
Gorleston	497	97030	000	ir_o	id_o
Mildenhall	578	00051	000	+	+
Cardington	559	97051	000	id_o	+
West Raynham	485	97031	000	$id_od_or_od_od_o$	ir_o
Wittering	462	97041	000	$is_or_os_oid_o$	ir_o
Boscombe Down	746	00061	001	+	+
Ross-on-Wye	627	00041	000	+	+
Bristol	628	00051	000	+	+
Aberporth	502	00031	000	+	+
Rhoose (Cardiff)	715	00051	000	+	+
Plymouth	827	00061	000	+	+
Chivenor	707	00081	018	+	+
St. Mawgan	817	00071	056	+	+
Culdrose	809	00060	054	+	+
Scilly	804	00071	015	+	+
Elmdon	534	00041	000	+	+
Shawbury	414	00040	004	+	+
Manchester	334	97051	024	+	ir_o
Squires Gate	318	93051	003	+	$ir_or_or_oRR$
Valley	302	00061	041	+	+
Ronaldsway	204	00070	019	+	+
Carlisle	222	94061	000	$ffir_or_or_o$	id_oir_o
Watnall	354	00041	000	+	+
Spurn Head	396	97041	000	+	pr_oir_o
Finningley	360	97061	000	+	ir_o
Dishforth	261	94061	006	$ir_or_or_o$	$r_or_oir_o$
Tynemouth	262	01061	000	r_or_o	ir_o
Eskdalemuir	162	01041	000	ffr_or_o	r_or_oid
Mull of Galloway	131	00081	///	/	/
Prestwick	135	97071	000	ir_o	$ir_or_or_o$
Renfrew	141	92091	000	$ffir_o$	$id_offr_od_o$
Leuchars	171	97071	000	id_or_o	id_or_o
Dyce	091	01081	004	pr_o	pr_opr
Wick	075	94091	020	$prpr_o$	pr_o
Cape Wrath	049	97071	///	pr	pr
Sule Skerry	010	95080	///	/	/
Lerwick	005	91081	039	pr_o	pr_o
Stornoway	026	97091	016	d_or_o	+
Benbecula	022	97091	008	$ffid_o$	id_o
Tiree	100	97090	000	ff	$ffid_oir_o$
Aldergrove	917	00071	048	+	+
Malin Head	980	9708/	019	/	/
Belmullet	976	9708/	044	/	/
Birr	965	0006/	000	/	/
Collinstown	969	0005/	001	/	/
Rineanna	962	0008/	005	/	/
Roches Point	952	0007/	000	/	/
Valentia	953	0008/	005	/	/

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	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$OT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	32812	81239	94612	04408	7742/	31223	87810	/////	00107	11239	1////
B	30565	51012	83031	97852	94853	854//	00308	88616	/////	06156	13149	1////
C	30527	35512	83032	97808	89204	6742/	00125	86812	88530	05603	12936	15960
D	30440	41012	73123	98022	11207	62501	00117	86820	/////	06101	13146	1////
I	30589	18912	61325	98031	23310	48502	00204	83820	/////	05105	11335	11747
J	30524	19912	71227	98022	08411	5547/	30806	81712	85618	00210	11236	11658
K	30453	15712	81528	96616	12112	5542/	21103	83710	84617	05012	11646	13333
M	33660	02012	80308	97028	30907	855//	00210	/////	/////	05006	10323	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	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$OT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30619	32518	81237	94616	04209	6742/	31003	/////	/////	00307	16243	1////
B	30565	51018	82822	97858	95500	854//	00105	88615	/////	05653	12948	1////
C	30527	35518	63024	98018	97105	32442	00234	83812	/////	05201	17951	1////
D	30440	41018	73226	98808	14407	62530	00215	86820	/////	06001	13147	1////
I	30590	18918	41326	97011	22209	34401	00704	81818	83625	05105	11335	11748
J	30525	20018	81432	96616	07410	5742/	00301	85710	88530	05109	16441	11146
K	30453	14918	52212	98032	14113	58500	21217	83820	84630	00112	12045	149/2
M	33660	02018	70312	98022	33107	78500	00215	/////	/////	05105	10323	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

TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
3 MARCH 1964

Explanation of symbols

CLOUD

Symbol

WEATHER

Symbol

Mist
Fog
Drizzle
Rain
Rain
Snow
Rain
Rain
Snow
Hail
Thunder

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE

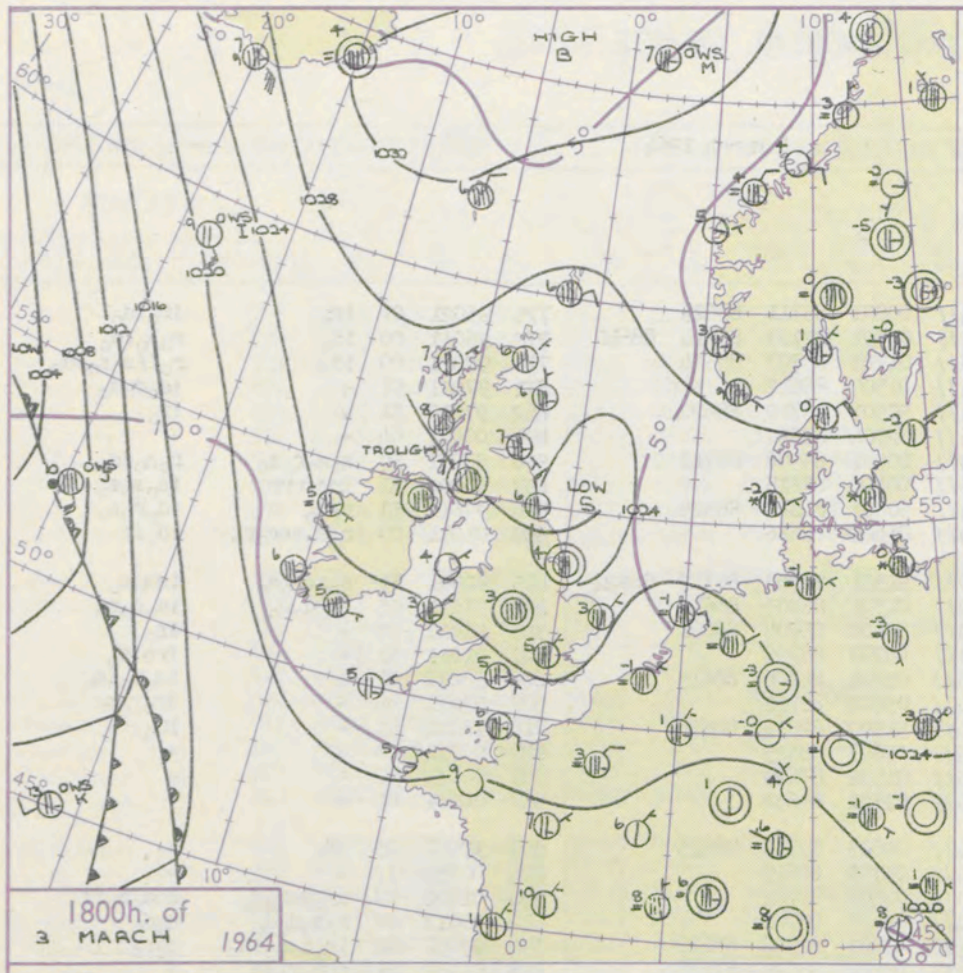
nation
mbols

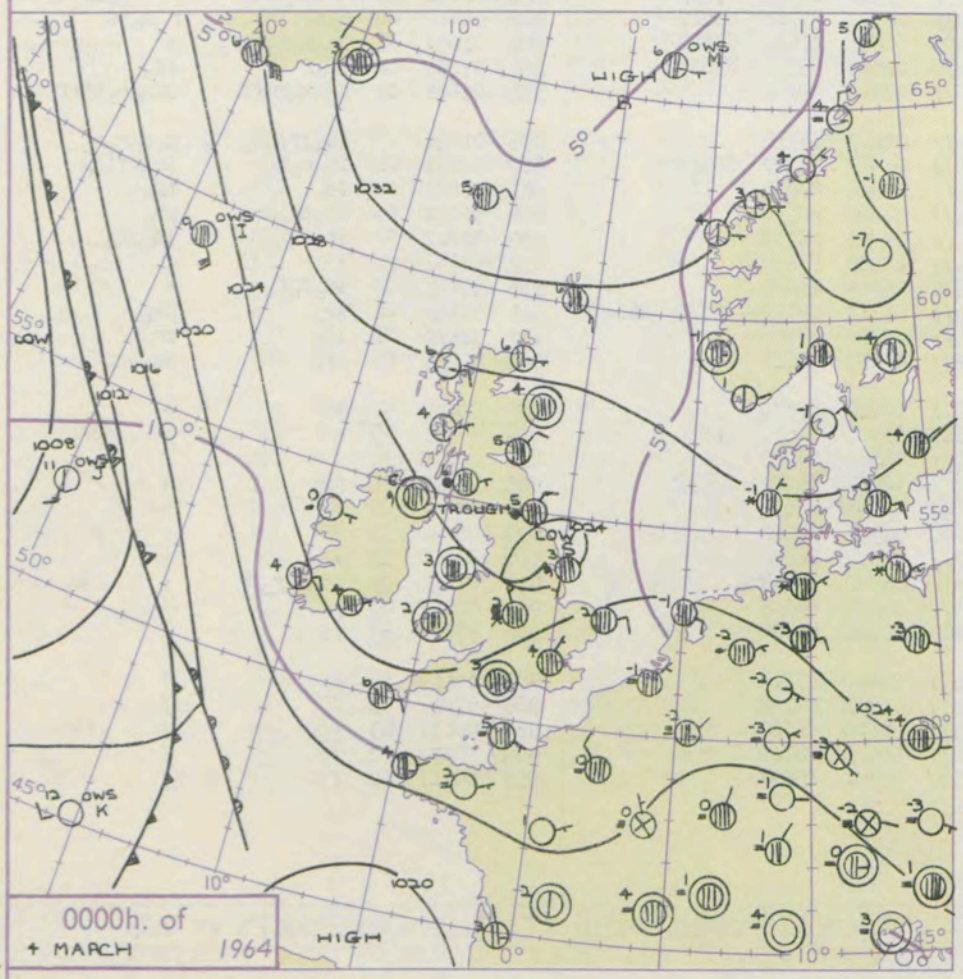
OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
obscured

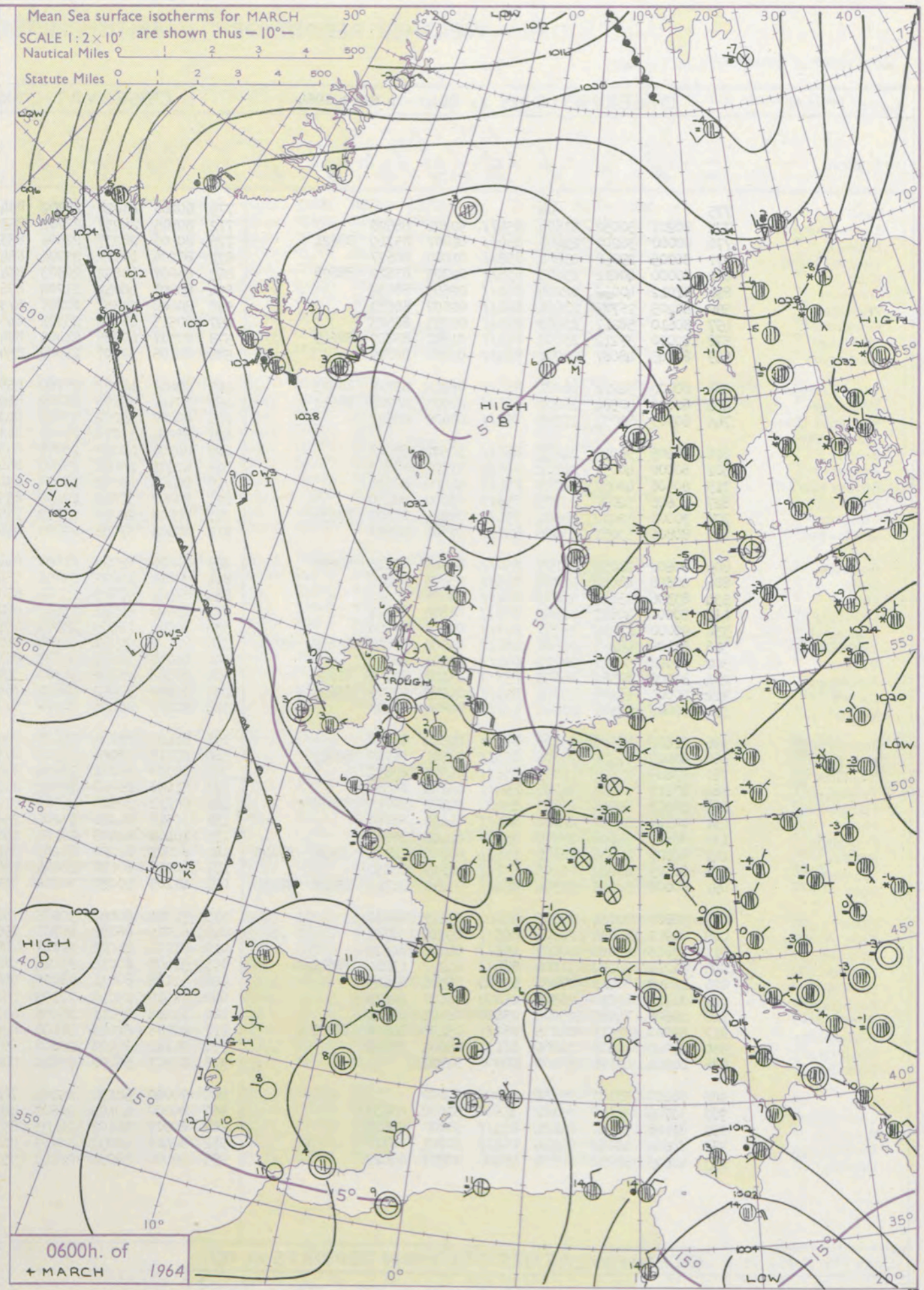
THER
Weather

zzle
and
rizzle
and snow
shower
and snow
shower
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 **Wednesday 4 March** 1964

The intensifying anticyclone which was near eastern Iceland 24 hours ago has moved rather slowly east southeast and is expected to continue its slow movement while turning more southwards towards southern Norway. The shallow low over the North Sea yesterday has filled, and with relatively low pressure being maintained over France and the Mediterranean an east to southeasterly flow has become established over the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Weather will be mainly cloudy but with some clear intervals in western districts giving sunny periods today and tomorrow and frost locally tonight. Eastern districts of Scotland and England will have light showers, and in the southeast these will be of sleet or snow. Temperatures will be near normal in the northwest, but it will be generally cold elsewhere.

OUTLOOK for the following 24 hours.

Little significant change.

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

Code FM 11.A

OBSERVATIONS at 00h. 4 March 1964

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			04					
London Airport	772	80207	50052	23504	855//	50801	88628		
Gatwick	776	80000	36202	23403	854//	01807	85710	88621	
Thorney Island	871	80205	29052	23604	855//	01000	88627		
Hurn	862	80000	40012	23603	855//	02703	83620	88628	
Guernsey	894	81012	40052	22204	856//	02603	88632		
Wattisham	590	80205	26777	23601	854//	01607	88619		
Gorleston	497	80610	58217	23602	855//	01705	88625		
Mildenhall	578	80000	37212	23802	853//	01801	83709	88649	
Cardington	559	80105	48687	24201	864//	00801	88710		
West Raynham	485	80000	32216	24001	854//	01702	85711	88623	
Wittering	462	80000	40586	24202	863//	01803	82708	88611	
Boscombe Down	746	80303	40052	23703	855//	00400	88627		
Ross-on-Wye									
Bristol	628	80205	56042	24003	855//	50501	88628		
Aberporth	502	80000	40051	24202	856//	01703	88632		
Rhoose (Cardiff)	715	80506	40052	24003	856//	51400	88631		
Plymouth	827	80608	32042	23105	856//	03802	88630		
Chivenor	707	70000	32032	23804	755//	02801	83622	87638	
St. Mawgan	817	80806	33051	23505	855//	02701	88628		
Culdrose	809	80608	28052	22105	854//	04808	83713	88620	
Scilly	804	80808	48022	23206	855//	05803	88620		
Elmdon	534	83306	15682	24202	854//	00601	88617		
Shawbury	414	80000	40687	24502	855//	01804	88621		
Manchester	334	90000	17202	24003	9////	02000	89/06		
Squires Gate	318	83106	48216	24504	855//	04000	83620	85630	88650
Valley	302	80000	50041	24903	854//	00201	88618		
Ronaldsway	204	80000	32582	24605	853//	05102	83709	88626	
Carlisle	222	60000	14286	25804	653//	04305	83709	86627	
Watnall	354	90000	08587	23602	9////	02804	89/01		
Spurn Head	396	81806	48506	23803	864//	02302	88710		
Finningley	360	80000	19506	23604	853//	03801	84707	88623	
Dishforth	261	83605	23102	24005	856//	04501	88632		
Tynemouth	262	80215	74606	24705	856//	05106	88630		
Eskdalemuir	162	50303	59016	25603	55400	02302	82712	85622	
Mull of Galloway	131	80910	58022	24805	864//	04400	88710		
Prestwick	135	80605	62606	25506	856//	04209	88634		
Renfrew	141	80806	40046	26106	854//	04706	84714	85622	87645
Leuchars	171	80309	66022	26105	857//	04209	88650		
Dyce	091	80000	58048	27304	884//	03211	81715	85821	88635
Wick	075	50807	80031	28406	55600	05212	85630		
Cape Wrath	049	80912	86031	26906	865//	05400	88725		
Sule Skerry	010	40805	82020	28007	455//	04206	84625		
Lerwick	005	81214	74252	31006	884//	03217	83810	88616	
Stornoway	026	10810	80011	27906	15600	05305	81645		
Benbecula	022	20713	83030	26306	25600	04102	82635		
Tiree	100	20606	74031	25204	25600	04502	82643		
Aldergrove	917	80000	23515	24805	862//	05400	84705	88707	
Malin Head	980	82004	10515	24606	861//	06602	88702		
Belmullet	976	00904	48101	25000	00900	52701			
Birr	965	00000	58101	25551	00900	52102			
Collinstown	969	32704	32100	25102	35600	51002	83638		
Rineanna	962	81608	56052	24804	855//	50000	88621		
Roches Point	952	80604	48052	24404	864//	50801	88717		
Valentia	953	40609	58052	22804	45500	00807	84627		

OBSERVATIONS at 06h. 4 March 1964

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	80208	48026	22702	854//	00801	85711	88625	
London Airport	772	80105	24237	22702	853//	01701	82707	85614	88640
Gatwick	776	80106	28237	22301	853//	01703	83707	88624	
Thorney Island	871	80204	48512	22702	854//	01500	88617		
Hurn	862	83607	40602	22803	854//	50501	85710	88620	
Guernsey	894	80807	40052	21704	856//	02704	88632		
Wattisham	590	80408	23507	22801	873//	00501	85708	88712	
Gorleston	497	80515	48712	23301	855//	00400	88615		
Mildenhall	578	80307	40055	23402	854//	50301	84618	88625	
Cardington	559	80106	32107	23502	854//	01602	88616		
West Raynham	485	80408	48227	23700	853//	51301	82708	84712	88622
Wittering	462	80511	32506	23702	852//	01301	86703	88612	
Boscombe Down	746	80405	40222	22801	853//	50603	85708	88621	
Ross-on-Wye	627	83201	17216	23001	863//	00707	88706		
Bristol	628	80306	40237	23001	853//	01804	84706	88615	
Aberporth	502	80603	28602	23603	864//	03602	88712		
Rhoose (Cardiff)	715	80505	48052	23402	854//	51502	82614	88630	
Plymouth	827	80000	37042	22404	855//	02601	88625		
Chivenor	707	70000	28052	23003	755//	01502	87629		
St. Mawgan	817	80904	37052	22704	856//	02501	88632		
Culdrose	809	80606	32025	21804	854//	02603	82715	88625	
Scilly	804	80812	40022	22006	854//	05709	88619		
Elmdon	534	83403	07517	23302	870//	02503	88701		
Shawbury	414	83409	15507	23602	862//	02703	88703		
Manchester	334	80000	17505	23304	853//	03301	82706	88622	
Squires Gate	318	70207	50041	24104	755//	03500	83625	87635	
Valley	302	80000	28607	24303	853//	02500	84708	88612	
Ronaldsway	204	30308	69016	24503	38400	02601	81818	83645	
Carlisle	222	70810	59012	26404	754//	02311	85711	85627	
Watnall	354	90809	04436	24102	9////	02310	89/01		
Spurn Head	396	81120	57206	25603	864//	02217	88715		
Finningley	360	80813	26106	25302	873//	01318	84707	88713	
Dishforth	261	70908	58022	26202	854//	02224	87619		
Tynemouth	262	81018	74028	27304	856//	50222	88630		
Eskdalemuir	162	80612	32605	26703	872//	02312	88703		
Mull of Galloway	131	70910	74026	25205	756//	03400	87630		
Prestwick	135	10410	62016	26104	15600	03303	81630		
Renfrew	141	80809	62022	27205	854//	03310	85712	86627	88640
Leuchars	171	80916	60056	28604	864//	02319	88716		
Dyce	091	81103	59058	30204	855//	00217	88621		
Wick	075	71312	80022	30505	756//	02214	87630		
Cape Wrath	049	60515	86022	28705	2564/	52204	82630	86360	
Sule Skerry	010	71109	81022	29707	765//	04206	87725		
Lerwick	005	51407	80012	33004	584//	02211	84812	85632	
Stornoway	026	51105	80031	28805	55600	04305	85636		
Benbecula	022	11010	85020	27103	15600	01307	81640		
Tiree	100	61108	83011	26306	657//	03307	86650		
Aldergrove	917	80905	62026	25106	856//	03302	88639		
Malin Head	980	81109	74026	25006	856//	04305	88645		
Belmullet	976	10907	56100	24000	00902	51701	81070		
Birr	965	70000	58101	25051	764//	52000	87715		
Collinstown	969	80000	40105	24602	864//	01801	88718		
Rineanna	962	80907	56102	24103	855//	50400	88620		
Roches Point	952	80406	48052	23703	864//	50503	88719		
Valentia	953	50000	58051	22103	55500	00301	85627		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	95021	01	ir_o	ir_oid_o
London Airport	772	96011	00	id_o	$r_os_oid_o$
Gatwick	776	92011	00	id_o	$r_offs_os_oid_o$
Thorney Island	871	97021	01	+	$id_od_od_o$
Hurn	862	97010	51	+	ir_o
Guernsey	894	00011	04	+	+
Wattisham	590	97001	50	$s_os_or_os_o$	$r_os_oid_o$
Gorleston	497	92002	51	irsirrr	$is_os_os_o$
Mildenhall	578	97011	51	r_or_o	$id_or_os_o$
Cardington	559	01011	00	$r_os_os_sr_or_o$	id_oid
West Raynham	485	92501	51	$s_os_or_os_o$	iss_os_o
Wittering	462	91011	01	$ir_od_or_o$	$id_od_or_o$
Boscombe Down	746	91011	00	+	is_o
Ross-on-Wye	627	01011	51	+	$irsid_o$
Bristol	628	93011	01	+	$is_or_oid_o$
Aberporth	502	93011	54	+	$ir_or_os_o$
Rhoose (Cardiff)	715	97011	51	+	ir_o
Plymouth	827	00031	00	+	+
Chivenor	707	00031	52	+	+
St. Mawgan	817	00031	02	+	+
Culdrose	809	97041	05	id_o	+
Scilly	804	00050	//	+	+
Elmdon	534	01021	00	$ir_ossr_os_o$	ddd_od_off
Shawbury	414	96011	00	$r_os_od_od_o$	d_od_o
Manchester	334	97031	02	$ir_od_od_oid_o$	d_or_o
Squires Gate	318	01031	51	$rrr_or_oir_o$	+
Valley	302	91011	00	r_os_o	r_os_off
Ronaldsway	204	01031	51	$id_od_or_or_or_o$	+
Carlisle	222	97031	01	ir_of	id_o
Watnall	354	02011	01	ir_os_oddff	ddr_or_oiFff
Spurn Head	396	01012	//	$id_oird_od_o$	$d_od_or_or_o$
Finningley	360	92021	01	$id_or_or_o$	ir_offid_o
Dishforth	261	97021	01	id_o	id_o
Tynemouth	262	92031	02	ir_opr_o	pr_o
Eskdalemuir	162	91011	50	ir_oid_o	id_oir_o
Mull of Galloway	131	91041	//	/	/
Prestwick	135	97021	52	$ir_or_or_o$	+
Renfrew	141	92041	02	ir	pr_o
Leuchars	171	91041	01	ir_o	pr_o
Dyce	091	97031	00	pr_o	ir_opr_o
Wick	075	00041	51	+	+
Cape Wrath	049	00051	05	+	+
Sule Skerry	010	00060	04	/	/
Lerwick	005	97041	01	pr_o	+
Stornoway	026	00051	02	+	+
Benbecula	022	00031	53	+	+
Tiree	100	00020	52	+	+
Aldergrove	917	01051	03	$id_od_or_odr$	+
Malin Head	980	0106/	05	/	/
Belmullet	976	9751/	53	/	/
Birr	965	9751/	58	/	/
Collinstown	969	9701/	55	/	/
Rineanna	962	0003/	03	/	/
Roches Point	952	0003/	02	/	/
Valentia	953	0001/	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	$N_hC_LhC_MC_H$	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	33200	81235	94616	06007	7742/	31207	87710	/////	00207	16244	1////
B	40565	51000	82007	97852	97051	855//	00107	88620	/////	05855	12744	1////
C	40527	35500	12028	98021	04305	15500	00227	81620	/////	05302	12959	1////
D	40440	41000	43424	98028	19807	44500	00222	84625	/////	06000	13146	1////
I	40591	19100	81332	97201	22409	864//	00603	88712	/////	05103	11336	11749
J	40524	19900	21617	98016	09311	25600	00311	82630	/////	00211	11645	11547
K	40453	14300	02408	97011	16912	00900	22111	/////	/////	00012	100/0	12044
M	43660	02000	70904	98022	35006	75500	00104	/////	/////	05105	10822	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	33006	81136	94616	03808	7742/	31715	87710	/////	00406	16143	1////
B												
C	40527	35506	22616	98020	08303	22500	00315	82820	/////	05752	12957	1////
D	40440	41006	60114	98021	20207	64500	00214	86625	/////	06503	13646	1////
I	40590	18906	71426	97022	20209	754//	31614	87618	/////	00005	11436	11649
J	40525	20006	42116	98031	11511	42600	00213	84835	/////	00008	11634	11346
K	40452	13506	42811	97011	17811	35542	00400	83626	/////	05011	100/0	12641
M	43660	02006	63510	98022	34706	65500	00603	/////	/////	05202	149/2	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37359 — Date of Issue Thursday 5 March 1964

OBSERVATIONS at 12h. 4 March 1964 — Code FM 11.A

ERSION BLE	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
° °F										
104	Kew	775	80312	37682	23402	7532/	51203	85708	87620	88550
102	London Airport	772	80313	57685	23503	854//	50203	82713	86617	88630
100	Gatwick	776	80210	50236	22902	854//	00001	84716	83635	88640
99	Thorney Island	871	70407	58215	22904	5542/	01703	83710	85630	87459
97	Hurn	862	80211	40056	23404	853//	01400	82709	86712	88630
95	Guernsey	894	80309	40052	22405	854//	02303	84710	88630	
93	Wattisham	590	80510	48707	24201	863//	51106	85707	88711	
91	Gorleston	497	70620	60017	24302	755//	52103	87625		
90	Mildenhall	578	80511	58775	24502	884//	51105	83815	38625	
88	Cardington	559	80313	58027	24901	854//	51205	86713	88625	
86	West Raynham	485	80617	66032	25103	884//	51109	81715	85820	88640
84	Wittering	462	70315	61017	26002	784//	51108	85812	87635	
82	Boscombe Down	746	80413	62202	23703	853//	51003	82708	85710	88625
81	Ross-on-Wye	627	80710	60025	25303	855//	51116	88625		
79	Bristol	628	80510	40055	24503	853//	01106	86706	88612	
77	Aberporth	502	80605	28057	24904	862//	03205	82705	88710	
75	Rhoose (Cardiff)	715	80812	14205	24703	862//	02208	88705		
73	Plymouth	827	80809	30602	23405	855//	02205	85620	88640	
72	Chivenor	707	80507	29052	24105	855//	01204	88622		
70	St. Mawgan	817	70608	48052	23507	4553/	01206	81625	84650	87362
68	Culdrose	809	61208	50052	22507	684//	01801	83630	86640	
66	Scilly	804	70911	56022	23107	755//	04204	87625		
64	Elmdon	534	80511	59265	25602	854//	51211	85712	88640	
63	Shawbury	414	40713	61018	27203	48400	51117	83815		
61	Manchester	334	70601	61025	27104	855//	52210	83620	87635	
59	Squires Gate	318	71012	59042	27805	784//	02311	83817	87632	
57	Valley	302	80721	20042	26005	863//	03208	87707	88626	
55	Ronaldsway	204	71020	69028	28105	784//	01120	83816	87640	
54	Carlisle	222	80914	56808	29504	884//	01205	82712	85820	88635
52	Watnall	354	80509	59017	26502	855//	01108	84825	88645	
50	Spurn Head	396	81116	60026	26903	833//	01203	85906	88625	
48	Finningley	360	80508	48586	27802	853//	01207	85706	86711	88620
46	Dishforth	261	80715	61806	28703	884//	01211	81714	85818	88628
45	Tynemouth	262	80918	61028	30004	855//	01211	88625		
43	Eskdalemuir	162	80710	66808	29603	894//	00106	86918	88638	
41	Mull of Galloway	131	71017	74022	28504	775//	02221	87725		
39	Prestwick	135	70712	74036	29307	785//	00212	81820	83824	87645
37	Renfrew	141	80810	48258	30305	884//	02108	81716	86822	88635
36	Leuchars	171	60817	70038	31205	62500	01110	86820		
34	Dyce	091	21308	74018	32405	28600	51107	81830		
32	Wick	075	71208	66011	32906	784//	03106	82815	87640	
30	Cape Wrath	049	61410	82022	31506	616//	02222	86830		
28	Sule Skerry	010	41409	81011	32608	3557/	02223	83625	84360	
27	Lerwick	005	10303	80020	34107	11430	00301	81814		
25	Stornoway	026	21210	69021	31308	22500	04211	82828		
23	Benbecula	022	11312	89020	30208	15500	03216	81626		
21	Tiree	100	71119	74031	29806	785//	02215	81822	87640	
19	Aldergrove	917	80912	58028	27905	854//	03213	87618	88630	
18	Malin Head	980	60917	66022	27807	625//	04307	86824		
16	Belmullet	976	81103	56102	26006	856//	02208	88635		
14	Birr	965	80304	58102	26304	864//	01009	88717		
12	Collinstown	969	70912	64022	26307	784//	03306	81717	84823	87635
10	Rineanna	962	71010	48102	25606	755//	01106	82620	87635	
9	Roches Point	952	80511	48052	25006	864//	03207	88718		
7	Valentia	953	33603	58051	23508	00902	01303	83070		

OBSERVATIONS at 18h. 4 March 1964

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	80414	40838	23803	885//	52203	84825	88630	
772	80311	58227	23603	856//	51301	86630	88640	
776	80310	57057	22902	854//	51501	85616	88635	
871	80308	48056	23103	854//	52103	83715	88620	
862	80310	50042	23903	854//	52308	86612	88625	
894	80313	58216	22104	854//	00305	85614	88625	
590	70312	59018	24401	754//	51308	81610	86627	87635
497	80520	58278	24503	884//	00101	86817	88626	
578	70307	66028	25002	756//	51307	87635		
559	70414	61258	25202	4847/	51304	81815	84630	87359
485	80312	59038	25402	884//	50204	84815	88630	
462	70412	64258	26002	756//	50306	82635	87640	
746	80207	61052	24502	855//	53210	84623	88630	
627	70410	57022	25703	755//	51307	87625		
628	80211	59026	25103	854//	51306	84615	88625	
502	41010	62032	25803	41500	52307	84825		
715	70711	64012	25403	784//	52309	81818	87630	
827	70611	48056	24304	783//	50314	83708	86657	
707	40614	61011	25103	45500	52209	84625		
817	80608	40052	23904	855//	01311	86620	88640	
809	71007	19052	22805	854//	02302	84715	87625	
804	70512	32032	23207	755//	04301	87620		
534	80409	48038	26203	885//	52306	84820	88640	
414	70307	58041	27303	784//	51307	81818	87630	
334	60512	56022	27303	685//	52303	83828	85640	
318	70710	48048	28104	756//	50303	81632	87640	
302	50610	58042	27804	58500	00214	81820	85650	
204	70918	66011	29005	785//	00310	83820	87645	
222	80710	59808	30903	885//	01308	85820	88640	
354	80507	40268	27002	885//	01305	83822	88656	
396	70914	60016	26903	755//	00301	87620		
360	80414	58207	28403	883//	01308	83709	83814	86656
261	60409	66018	29102	655//	00305	81620	85630	
262	40720	66028	30504	48500	50305	82825	84630	
162	80608	62018	31002	884//	51308	84819	88632	
131	71118	63032	29504	754//	00209	83716	85630	
135	70807	66028	30404	786//	50310	82830	87645	
141	70810	48042	31405	755//	00211	82625	87640	
171	70611	66018	31904	785//	02205	83822	85645	87656
091	20000	58041	33202	28530	01205	81822		
075	71302	66028	33305	756//	03304	87640		
049	70905	74022	32406	2563/	52207	82630	87360	
010	61009	81011	33006	4357/	03202	84920	86360	
005	70309	74258	34106	784//	03500	83814	87640	
026	71306	74031	32007	755//	03205	81628	87640	
022	71611	83011	31306	756//	03309	87635		
100	71213	74031	31006	756//	00207	87635		
917	71103	62258	29505	755//	01310	87625		
980	71108	74502	29806	755//	01213	82720	87638	
976	61207	56102	27007	656//	04311	86635		
965	80509	58102	26806	854//	03307	83713	88635	
969	70912	61052	28305	7853/	51214	84825	87645	
962	70905	32052	26207	755//	04309	82620	87635	
952	70812	48052	25607	754//	02309	81718	87630	
953	70602	58051	24607	75500	03309	87628		

OBSERVATIONS during DAY

iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97031	001	$id_0ir_0s_0pr_0s_0$	$ps_0pr_0s_0$
772	97031	000	$id_0r_0s_0s_0$	s_0
776	97031	000	$id_0ir_0r_0s_0is_0$	+
871	97041	000	ir_0	ir_0
862	00041	///	+	+
894	97061	000	+	$ir_0r_0r_0$
590	97021	///	is_0ps_0	ps_0
497	91032	003	$s_0pr_0s_0$	$pr_0s_0pr_0h_0$
578	91041	000	$r_0r_0is_0$	$pr_0s_0ir_0s_0$
559	97031	000	$id_0d_0s_0ps_0$	pr_0s_0
485	94031	000	pr_0s_0	pr_0s_0
462	92031	000	$is_0pr_0s_0$	$pr_0s_0pr_0ph_0$
746	97031	000	id_0	is_0
627	00041	002	+	+
628	97031	000	id_0ifir_0	+
502	00051	006	+	+
715	97041	001	id_0	+
827	97061	000	ir_0	+
707	00061	000	+	+
817	00071	002	+	+
809	00090	015	+	+
804	00091	041	+	+
534	97031	000	$id_0r_0s_0pr_0s_0$	pr_0s_0
414	97051	017	$d_0d_0pr_0$	+
334	97051	005	+	pr_0s_0
318	97051	004	pr_0	pr_0
302	00071	038	+	+
204	97071	017	pr_0	+
222	97051	005	pr_0	pr_0
354	91031	000	$id_0r_0s_0is_0ps_0$	ps_0pr_0
396	91040	000	id_0ir_0	+
360	94041	000	$d_0d_0d_0r_0d_0r_0h$	pr_0id_0
261	95041	000	$id_0r_0r_0ir_0pr_0$	$pr_0prsprhps_0$
262	96041	007	pr_0	pr_0
162	91031	004	$prspr_0$	$prhpr_0$
131	00071	///	/	/
135	97071	014	ir_0pr_0	pr_0
141	97061	005	pr_0	+
171	97061	016	pr_0	+
091	97071	033	pr_0	+
075	91061	007	pr_0	+
049	00071	///	+	+
010	00080	///	/	/
005	97081	071	+	pr_0
026	00091	082	+	+
022	00090	065	+	+
100	00080	044	+	+
917	97061	002	pr_0ir_0	pr_0
980	9707/	040	/	/
976	9708/	008	/	/
965	9707/	006	/	/
969	9707/	003	/	/
962	0007/	009	/	/
952	0007/	000	/	/
953	0010/	038	/	/

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	40620	32812	81236	94616	01808	7742/	31607	87810	/////	00206	16245	1////
B	40565	51012	80314	97717	01000	5742/	00229	85610	88557	05552	10323	12544
C	40527	35512	82129	98021	10505	15588	00005	81620	/////	05301	12123	12434
D	40440	41012	12905	98021	22807	12500	00210	81830	/////	06600	13667	1////
I	40590	18812	71326	97022	20009	32408	00002	83818	87275	05106	11336	11749
J	40524	19912	42716	99031	17911	12506	00217	82820	84070	00208	12623	11545
K	40448	14612	52610	97012	20713	4850.	62215	84820	/////	00111	02639	12335
M	43660	02012	73110	98022	35006	75500	00400	/////	/////	05301	13222	1////

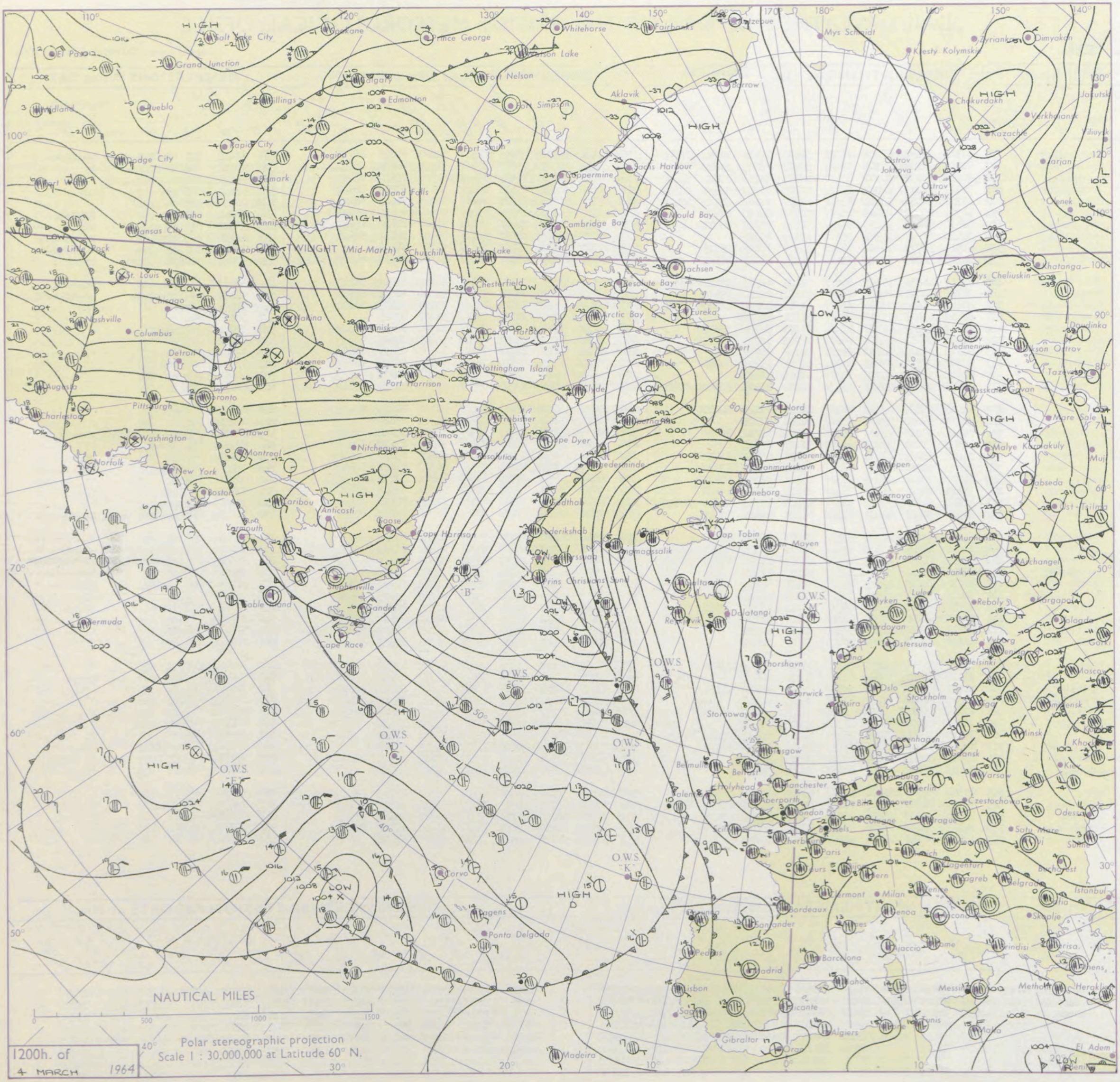
OCEAN WEATHER STATION REPORTS at 18h.

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	40618	32418	61134	96016	97908	58470	31730	83810	85620	00307	16144	1////
B	40565	51018	83330	/////	08800	824//	00247	88815	/////	05653	13337	1////
C	40527	35518	72127	98808	09907	62570	00500	86825	/////	00002	12135	12458
D	40440	41018	52704	98030	21409	11506	00715	81830	/////	06203	13156	1////
I	40591	19018	81430	97022	18709	4552/	00506	84622	88460	05106	11548	11237
J	40525	20018	62608	99031	21410	15602	00215	81640	86070	00003	12721	12145
K	40451	14518	33414	98031	21412	32500	62307	83820	/////	00010	10010	12649
M	43660	02018	63014	98022	34705	65500	00704	/////	/////	05402	13034	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


TWILIGHT (Mid-March)
HIGH
LOW
O.W.S. "B"
O.W.S. "C"
O.W.S. "D"
O.W.S. "E"
O.W.S. "J"
O.W.S. "K"
O.W.S. "M"
HIGH B
HIGH D
Salt Lake City
Spokane
Prince George
Whitehorse
Fairbanks
Grand Junction
Pueblo
Billings
Calgary
Edmonton
Fort Nelson
Watson Lake
Fort Simpson
Fort Smith
Rapid City
Regina
Dodge City
Bismark
Island Falls
Winnipeg
Omaha
Kansas City
Little Rock
St. Louis
Chicago
Nashville
Columbus
Detroit
Churchill
Baker Lake
Chesterfield
Resolute
Cambridge Bay
Coppermine
Jacks Harbour
Aklavik
Barrow
Mould Bay
Eureka
Arctic Bay
Fort Harrison
Nottingham Island
Port Harrison
Toronto
Pittsburgh
Charleston
Washington
Norfolk
New York
Boston
Ottawa
Montreal
Nitchequon
Caribou
Anticosti
Goose
Cape Harrison
Yarmouth
Stephenville
Gander
Cape Race
Bermuda
Hall Beach
Lake Harbour
Cape Dyer
Frobisher
Resolution
Padloping
Frederikshab
Godthaab
Prins Christians Sund
Angmagssalik
Jan Mayen
Cape Tobin
Reykjavik
Stornoway
Belmullet
Valentia
Holyhead
Aberporth
Glasgow
Belfast
Manchester
London
Paris
Cherbourg
Brest
Jersey
Guernsey
Ostend
Hamburg
Berlin
Hanover
Cologne
Prague
Brussels
Frankfurt
Stuttgart
Zurich
Geneva
Clermont
Milan
Venice
Genoa
Bordeaux
Santander
Pedras
Madrid
Barcelona
Lisbon
Sagres
Alicante
Gibraltar
Oran
Algiers
Tunis
Malta
Messina
Athens
Heraklion
Istanbul
Belgrade
Bucharest
Sofia
Skoplje
Salonika
Brindisi
Ancona
Rome
Ajaccio
Palma
Tromso
Bodo
Vaernoya
Andenes
Bergen
Stavanger
Oslo
Stockholm
Helsinki
Lerwick
Kirkwall
Utsira
Thorshavn
Dalatangi
Reykjavik
Keflavik
Sondrestrom
Godthaab
Narssarssuaq
Prins Christians Sund
Angmagssalik
Cape Tobin
Jan Mayen
Barentsburg
Bear Island
Murmansk
Archangel
Molotov
Kotlas
Perm
Sverdlovsk
Kirov
Gorki
Moscow
Kuibyshev
Saratov
Kazan
Reboly
Kargopol
Vologda
Lulea
Sundsvall
Ostersund
Vaxjo
Visby
Gothenburg
Copenhagen
Minsk
Kiev
Warsaw
Lodz
Czestochowa
Odessa
Satu Mare
Sulina
Khatanga
Cape Chelyuskin
Dikson Ostrov
Tazovskoye
Nassskaya
Malye Karmakuly
Mare Sale
Dudinka
Yenisei
Jenisejsk
Abseda
Ust-Tsilma
Mezen
Murmansk
Tromso
Vardo
Vaernoya
Bear Island
Barentsburg
Jan Mayen
Mys Schmidt
Kresty Kolymskie
Zyrianka
Dimyakon
Chokurdakh
Verkhoyansk
Kazachie
Yakutsk
Viliuysk
Tarjan
Olenek
Ostrov Jokhova
Ostrov Kotelny
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Ostrov Kotelny

CHARTS OF WEATHER IN WEST EUROPE

nation
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OUD
Cloud
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6
7 or more
8
obscured

THER
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and snow
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 MARCH 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 4 MARCH 1964

0000h. of 5 MARCH 1964

0600h. of 5 MARCH 1964

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 5 March 1964

An anticyclone which has been drifting slowly south towards the north of Scotland is expected to continue its movement across northern areas of Britain during the next 24 hours. Pressure over the Mediterranean and southern France continues to be relatively low, and a northeasterly gradient has become established over the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Scotland and Northern Ireland will have cloudy weather with scattered showers in the east. Some clear periods in the west will give frost tonight. Western England and Wales will also be cloudy but mainly dry with a few clear intervals. The remainder of England will have occasional sleet or snow, most frequent in the southeast. Temperatures will be near normal in the north, but it will continue cold in the south.

OUTLOOK

Mainly dry. A little less cold in the south, but little change elsewhere.

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

Code FM 11.A

OBSERVATIONS at 00h. 5 March 1964

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			03					
London Airport	772	80110	58017	25302	854//	50105	82618	88647	
Gatwick	776	80211	62702	24402	854//	51106	84618	86621	88645
Thorney Island	871	80312	62022	24502	857//	51104	88650		
Hurn	862	50208	26012	25302	55600	52207	85636		
Guernsey	894	80312	56606	23303	856//	00104	83715	88630	
Wattisham	590	80312	56028	25401	856//	51304	88635		
Gorleston	497	80520	60028	25603	855//	51205	88622		
Mildenhall	578	80106	62027	26201	856//	51102	88644		
Cardington	559	80111	61237	26602	856//	50204	88644		
West Raynham	485	80316	62268	26901	885//	51206	82820	88640	
Wittering	462	80112	69028	27802	856//	51309	88631		
Boscombe Down	746	70311	61037	25901	754//	51205	84711	87640	
Ross-on-Wye									
Bristol	628	80210	61022	26702	856//	52103	88640		
Aberporth	502	80509	62031	29003	855//	51111	84624	88640	
Rhoose (Cardiff)	715	80510	62022	27602	856//	51211	88645		
Plymouth	827	80413	58031	26103	856//	01107	88641		
Chivenor	707	70607	62011	27503	756//	52209	87638		
St. Mawgan	817	20310	62031	26800	25500	52109	82625		
Culdrose	809	10608	66011	25900	15500	52110	81625		
Scilly	804	00821	79016	26304	00900	01215			
Elmdon	534	80212	62022	28401	855//	52210	88628		
Shawbury	414	80309	61022	30201	855//	53117	88627		
Manchester	334	80512	74028	30402	855//	54214	88625		
Squires Gate	318	80713	66026	30902	855//	52110	88629		
Valley	302	20710	58041	30703	25600	51212	82640		
Ronaldsway	204	81020	66031	31404	855//	50210	88628		
Carlisle	222	83602	58608	32702	854//	00107	82718	88628	
Watnall	354	80506	59778	29001	855//	51208	88622		
Spurn Head	396	70617	66022	28903	755//	51208	87620		
Finningley	360	80409	62212	30102	855//	51106	88628		
Dishforth	261	80407	74018	30902	856//	50102	88630		
Tynemouth	262	80416	61535	31604	8062/	01206	88535		
Eskdalemuir	162	50305	62208	32501	55400	51102	83712	85635	
Mull of Galloway	131	41012	74011	32204	46500	53212	84725		
Prestwick	135	80607	64022	32803	857//	00109	88650		
Renfrew	141	80807	59042	33704	856//	01106	84633	88645	
Leuchars	171	83506	66021	33202	856//	01203	88647		
Dyce	091	83103	62021	34102	857//	00601	88650		
Wick	075	12706	66021	34651	15600	52304	81640		
Cape Wrath	049	21802	86010	34203	25600	51213	82630		
Sule Skerry	010	41402	81011	34406	45500	03211	84625		
Lerwick	005	43606	80031	34302	45600	01302	84635		
Stornoway	026	11203	74021	34204	15600	01109	81630		
Benbecula	022	71509	74012	33605	756//	01109	87640		
Tiree	100	81110	74022	33305	856//	50110	88643		
Aldergrove	917	80906	62052	32304	856//	00208	88639		
Malin Head	980	71209	80035	32305	756//	50311	87645		
Belmullet	976	61099	58102	30104	655//	01214	82625	86645	
Birr	965	30605	58101	31202	35600	51317	83632		
Collinstown	969	80907	69032	30804	856//	52110	88635		
Rineanna	962	81013	56102	29506	856//	01214	84635	88640	
Roches Point	952	80812	58052	28705	856//	50211	88630		
Valentia	953	70913	58052	27607	755//	02112	87628		

OBSERVATIONS at 06h. 5 March 1964

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
775	80215	70702	26202	863//	53214	86708	88712	
772	80212	62707	26401	856//	52310	88640		
776	80214	62717	25601	855//	53315	83621	88636	
871	80210	74702	25902	855//	51312	84620	88641	
862	80112	62022	26502	856//	51311	88636		
894	80317	70838	24203	885//	52309	85820	87630	
590	80410	59227	27001	856//	51312	88635		
497	80523	60262	27202	855//	53214	88622		
578	80308	66027	27401	856//	53310	88636		
559	80110	62717	28101	856//	52215	88635		
485	80316	62712	28001	856//	51210	88633		
462	80212	69027	28701	855//	51210	88624		
746	80213	61032	27001	853//	52309	83709	88632	
627	80310	57022	29101	865//	52310	88720		
628	80212	66022	28301	856//	51108	88640		
502	70612	62021	30501	755//	54215	87629		
715	70414	66022	28901	756//	53311	87640		
827	50110	62031	28002	55600	51215	85636		
707	40512	62011	28902	45500	53113	81625	84640	
817	70413	62021	28601	756//	52209	87637		
809	70410	64032	27102	756//	52210	87630		
804	40820	79011	27704	48400	51210	81815	83625	
534	83609	59222	29301	854//	51308	85616	88631	
414	73607	61022	30701	756//	53309	87640		
334	60106	74022	30901	655//	52309	86625		
318	70306	56042	31202	755//	50307	82622	87631	
302	10305	61011	31501	15600	52307	81635		
204	20106	74031	32351	28500	53307	81820		
222	80103	58038	33201	884//	00307	81718	88640	
354	80410	59027	29901	856//	51313	88631		
396	80710	66028	29203	854//	52206	88610		
360	80109	80027	30502	856//	51206	88633		
261	70407	80021	31601	756//	51308	83640	86656	
262	83205	58038	31803	856//	02201	88630		
162	80501	62031	33300	884//	51304	83818	88646	
131	50910	74022	32902	5093/	00206	85360		
135	70000	62031	33551	757//	52208	87650		
141	70000	62021	33902	757//	00303	87650		
171	72605	80012	32503	756//	50802	87645		
091	73210	74012	33602	757//	51302	87650		
075	73007	66031	34700	3563/	51301	83640	87358	
049	11802	82020	34203	15600	53400	81630		
010	21802	82020	34605	25500	02201	82625		
005	70109	74022	34005	755//	03500	83625	87635	
026	80000	62021	34904	856//	02207	88632		
022	80000	80022	34304	856//	01205	88647		
100	81102	69032	34205	855//	01306	81622	88640	
917	70000	66011	33301	756//	51208	87639		
980	81604	72022	33502	856//	50309	88645		
976	70907	59101	31902	4563/	51208	84645	87359	
965	71202	58102	31203	756//	51301	87632		
969	70809	74022	32203	755//	53313	81620	87640	
962	80707	56102	31404	856//	01210	88636		
952	80408	59052	30404	856//	50208	88630		
953	10814	58051	29304	15500	52209	81628		

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONV TA °C
775	97021	01	+	$is_os_os_o$	40
772	97011	01	s_o	s_os_o	39
776	97001	58	$r_os_ois_o$	$is_os_os_o$	38
871	97011	51	+	$is_os_os_o$	37
862	97011	52	+	$r_os_os_o$	36
894	97031	01	ir_o	pr_os_o	35
590	92501	50	ps_ois_o	is_ops_o	34
497	92011	00	$pr_os_oprh_o$	ps_o	33
578	97011	00	$ir_os_os_os_o$	is_o	32
559	97011	00	$r_os_oh_o$	s_os_o	31
485	91011	50	$pr_os_ois_o$	s_os_o	30
462	92011	50	ph_ois_o	is_o	29
746	97001	50	+	is_o	28
627	00011	00	+	+	27
628	91011	50	+	$id_os_os_o$	26
502	00011	53	+	+	25
715	00011	00	+	+	24
827	00011	51	+	+	23
707	00011	53	+	+	22
817	00501	53	+	+	21
809	00510	53	+	+	20
804	97030	//	ir_o	+	19
534	97011	50	is_o	is_osh	18
414	00010	00	+	+	17
334	00001	51	+	+	16
318	00011	55	+	+	15
302	00511	53	+	+	14
204	00511	54	+	+	13
222	91011	52	ir_o	pr_o	12
354	97001	50	$ps_os_oh_o$	+	11
396	97020	//	pr_o	+	10
360	97011	00	ir_ois_o	+	9
261	97001	53	ps_o	ps_o	8
262	04022	00	$d_od_opr_o$	rsr_os_o	7
162	97521	54	pr_oid_o	+	6
131	00021	//	/	/	5
135	00531	55	+	+	4
141	00001	53	+	+	3
171	00001	52	+	+	2
091	97011	01	+	pr_o	1
075	00531	55	+	+	0
049	00033	53	+	+	— 1
010	00043	55	/	/	— 2
005	97011	51	+	id_opr_o	— 3
026	00021	52	+	+	— 4
022	00030	01	+	+	— 5
100	00030	01	+	+	— 6
917	00041	53	+	+	— 7
980	97021	50	/	/	— 8
976	00021	50	/	/	— 9
965	97011	53	/	/	—10
969	00011	52	/	/	—11
962	00040	03	/	/	—12
952	97041	02	/	/	—13
953	00031	51	/	/	—14
					—15
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					—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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_dd_Wd_WP_HW_H$	$Id_dd_Wd_WP_HW_H$
A	50620	32800	41825	98252	05804	39403	41255	83910	/////	05502	11833	16140
B	50565	51000	73226	97858	16251	72400	00129	87813	/////	05754	13237	1////
C	50527	35500	51726	97808	10106	52500	00500	85820	/////	05103	12135	12458
D	50440	41000	42816	98021	22209	42500	00212	84825	/////	06303	13044	1////
I	50592	19200	62016	98216	21609	685//	00222	82820	86630	05106	11935	11348
J	50526	20100	32008	99012	24610	35500	00114	83625	/////	05006	12022	12444
K	50450	15300	20213	70031	23210	00902	62000	82080	/////	05110	14922	12647
M	53660	02000	83114	97022	33904	885//	00302	/////	/////	05503	13134	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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_dd_Wd_WP_HW_H$	$Id_dd_Wd_WP_HW_H$
A	50618	32806	22023	98011	09004	29400	41220	81910	/////	05401	11934	11146
B	50565	51006	83217	98858	18852	825//	00214	88820	/////	05957	13235	1////
C	50527	35506	81810	97808	10705	825//	00105	88820	/////	05303	12135	12458
D	50440	41006	83807	98031	19009	62570	00812	86825	88358	0610/	13046	1////
I	50589	19106	22608	98028	25108	28500	00222	82820	/////	05305	12621	149/5
J	50524	19906	12006	99030	25609	15600	32406	81635	/////	05107	12022	12443
K	50450	16006	30612	70020	23012	32500	62605	83830	/////	05208	10422	12645
M	53660	02006	83012	97022	33905	894//	00500	/////	/////	05400	13023	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37360 — Date of Issue 6 March 1964

Code FM 11.A — OBSERVATIONS at 12h. 5 March 1964

RSION LE °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	60314	62268	28803	685//	56207	85820	83635	
102	London Airport	772	70416	59857	29003	785//	52208	86827	83640	
100	Gatwick	776	70313	58857	28401	784//	51310	82712	85820	85640
99	Thorney Island	871	70514	68857	28503	724//	53212	83818	86825	
97	Hurn	862	60316	62017	28904	685//	54108	83825	85635	
95	Guernsey	894	80316	69268	27203	884//	53212	85817	87630	
93	Wattisham	590	60615	62228	29002	684//	52006	81818	85626	
91	Gorleston	497	80517	58058	29502	885//	52109	86823	88629	
90	Mildenhall	578	70611	66028	29504	785//	53106	81820	87635	
88	Cardington	559	70313	66267	30003	724//	53305	81815	87820	
86	West Raynham	485	70416	71037	29803	725//	52108	87822		
84	Wittering	462	60614	82037	30603	685//	53305	81825	86640	
82	Boscombe Down	746	80214	71857	29602	884//	53208	85814	88530	
81	Ross-on-Wye	627	80510	57028	31003	855//	52109	88625		
79	Bristol	628	70415	68037	30503	785//	54208	85822	87635	
77	Aberporth	502	10312	74011	32504	11500	54205	81828		
75	Rhoose (Cardiff)	715	50516	61018	30804	18410	51006	83815		
73	Plymouth	827	70610	66018	30004	756//	52205	87635		
72	Chivenor	707	70714	80028	31305	785//	52210	81828	87635	
70	St. Mawgan	817	50813	66011	30804	58500	52108	82825	84635	
68	Culdrose	809	40609	64207	29903	48400	53005	81810	82620	
66	Scilly	804	70813	81012	31004	756//	00212	87630		
64	Elmdon	534	60513	62018	31103	685//	53007	81820	85825	
63	Shawbury	414	60208	62041	32304	684//	53206	82818	86630	
61	Manchester	334	70510	62021	32304	755//	54208	82625	87650	
59	Squires Gate	318	80304	32602	33104	885//	01106	83822	88632	
57	Valley	302	70310	70251	33506	785//	00207	85828	86635	
55	Ronaldsway	204	70208	74021	33906	784//	01105	83818	87640	
54	Carlisle	222	70213	66028	33906	7853/	01101	82822	87650	
52	Watnall	354	70712	63037	31904	785//	53210	86822		
50	Spurn Head	396	60111	63012	31405	65500	52107	86625		
48	Finningley	360	70408	69031	32704	785//	54206	85825	83635	
46	Dishforth	261	73507	74268	32905	784//	00003	81815	83630	84635
45	Tynemouth	262	82302	24267	33402	8092/	01208	88458		
43	Eskdalemuir	162	70206	70032	33505	58532	52103	81820	83645	85358
41	Mull of Galloway	131	20209	78010	34657	25620	01203	82630		
39	Prestwick	135	62706	56041	34607	18646	02004	81830	86280	
37	Renfrew	141	70205	74031	34808	58531	52203	81825	85657	
36	Leuchars	171	70211	80022	34007	785//	01003	81825	84640	87650
34	Dyce	091	73313	62028	34205	784//	02303	81818	83625	86645
32	Wick	075	72911	74021	35506	784//	05400	83818	87640	
30	Cape Wrath	049	22305	82020	36406	25600	50206	82630		
28	Sule Skerry	010	83202	82032	36207	856//	03203	88630		
27	Lerwick	005	70606	82252	35506	785//	04207	83820	87635	
25	Stornoway	026	31705	80011	36807	38500	00206	81825	83645	
23	Benbecula	022	61603	82012	36307	685//	51209	81825	86645	
21	Tiree	100	30805	85031	36007	18504	52103	81822	83075	
19	Aldergrove	917	60404	66031	35106	685//	50003	81827	86635	
18	Malin Head	980	40703	83011	35606	48500	00104	81822	84645	
16	Belmullet	976	71307	70031	34407	785//	51110	81820	87645	
14	Birr	965	70506	74012	34605	785//	52106	82822	87638	
12	Collinstown	969	70409	82028	34305	785//	50208	84825	87640	
10	Rineanna	962	81110	69052	34305	856//	50210	88640		
9	Roches Point	952	10613	66011	33206	11400	51009	81818		
7	Valentia	953	71207	69051	32808	756//	01116	87642		

OBSERVATIONS at 18h. 5 March 1964

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	70412	37838	30303	723//	51315	86808	87820	
London Airport	772	70211	48858	30203	784//	01310	82813	86618	87630
Gatwick	776	70312	62028	29803	765//	51311	84620	87632	
Thorney Island	871	70506	58028	29903	755//	53313	85628	86650	
Hurn	862	70208	61012	30203	856//	53206	87635		
Guernsey	894	70317	69022	28703	785//	53312	83820	87635	
Wattisham	590	70412	58268	30601	784//	52209	85812	85625	
Gorleston	497	80418	58058	30502	884//	51310	86818	88626	
Mildenhall	578	60305	58018	30902	656//	51309	86635		
Cardington	559	80110	59606	31003	854//	01105	86712	88630	
West Raynham	485	70414	62018	31501	783//	51310	81708	83815	87628
Wittering	462	73611	66038	31503	754//	00305	82710	87620	
Boscombe Down	746	70210	69028	30803	754//	52311	83618	86630	
Ross-on-Wye	627	70203	60022	32003	766//	53307	87630		
Bristol	628	70112	65028	31303	755//	53305	81625	87635	
Aberporth	502	70213	59031	32404	785//	51104	81828	86635	
Rhoose (Cardiff)	715	70307	66032	32003	755//	53310	81625	87645	
Plymouth	827	70310	40046	31204	755//	52308	81625	87632	
Chivenor	707	70606	62022	32204	755//	53308	82625	87635	
St. Mawgan	817	70810	59022	31403	756//	51306	87630		
Culdrose	809	70711	61051	30703	756//	53303	87630		
Scilly	804	70616	66022	31204	786//	00306	87630		
Elmdon	534	70208	37042	32103	785//	53307	81825	84635	87640
Shawbury	414	80202	50046	33003	855//	51310	86620	88635	
Manchester	334	70904	48042	32705	756//	53307	82630	87650	
Squires Gate	318	80206	19046	33103	856//	01303	89630		
Valley	302	70107	69018	33305	785//	02103	82825	87638	
Ronaldsway	204	70313	78032	33806	785/2	01301	81825	87640	
Carlisle	222	70606	66258	34204	6847/	02305	81715	35642	87359
Watnall	354	70605	58026	32703	755//	51306	82628	87650	
Spurn Head	396	70612	63268	32103	734//	02206	85915	87625	
Finningley	360	20406	62018	33204	25600	50207	82645		
Dishforth	261	70109	50251	33804	6853/	01312	81825	85640	
Tynemouth	262	60505	32052	33803	3567/	01207	83635	86358	
Eskdalemuir	162	80203	66808	34502	885//	01208	87820	88635	
Mull of Galloway	131	70216	80032	34105	756//	02401	87630		
Prestwick	135	70102	64042	34207	4857/	50500	81625	84645	85360
Renfrew	141	70306	40042	34808	756//	51304	81630	86645	
Leuchars	171	83607	62808	34005	885//	02003	84825	87640	88656
Dyce	091	83403	62808	34704	884//	03304	81716	83825	88650
Wick	075	73308	66258	35805	784//	04305	82818	87630	
Cape Wrath	049	60000	82021	36805	656//	00202	86630		
Sule Skerry	010	73602	82022	36307	785//	03400	84820	87630	
Lerwick	005	70211	83802	36305	785//	00207	82825	87640	
Stornoway	026	10000	83020	36905	15600	01302	81640		
Benbecula	022	50000	82012	36706	55600	50205	85635		
Tiree	100	10106	86030	36503	10941	51307	81360		
Aldergrove	917	60602	74032	35105	11606	00302	81830	86275	
Malin Head	980	70303	80021	36105	756//	00306	87645		
Belmullet	976	71206	69022	35006	755//	01206	83723	87640	
Birr	965	70302	77022	35005	756//	50307	87637		
Collinstown	969	70105	74022	34305	35732	50203	83650	84362	87070
Rineanna	962	60506	74012	34306	656//	52202	86645		
Roches Point	952	30701	66010	34305	35600	00208	83640		
Valentia	953	70705	66052	33107	756//	01207	87640		

OBSERVATIONS during DAY

iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97041	021	ps_0	$ps_0pr_0s_0$
772	97041	017	$s_0s_0ps_0$	ps_0r_0
776	97031	018	$s_0s_0ps_0$	ps_0
871	97041	018	$s_0s_0ps_0$	is_0
862	97051	///	pr_0s_0	+
894	97051	010	pr_0s_0	pr_0s_0
590	92023	///	is_0ps_0	ps_0
497	97031	006	ps_0	pr_0s_0
578	97051	024	$ps_0pr_0s_0$	pr_0s_0
559	92051	017	is_0ps_0	$id_0ir_0ir_0s_0$
485	01031	025	$pr_0s_0r_0s_0$	$r_0s_0pr_0s_0$
462	91041	025	$shpr_0s_0pr_0$	$pr_0ir_0s_0$
746	97031	017	is_0ps_0	ps_0
627	97041	002	ps_0	+
628	97051	010	ps_0	+
502	00051	079	+	+
715	97041	017	pr_0s_0	+
827	97041	008	is_0	r_0
707	97051	016	ps_0	+
817	00051	048	+	+
809	97050	051	is_0	+
804	00050	020	+	+
534	97051	015	pr_0s_0	+
414	97051	014	+	ir_0
334	00051	021	+	+
318	97051	003	r_0r_0	ir_0
302	97071	025	pr_0	pr_0ir_0
204	00070	023	+	+
222	97061	000	+	pr_0ir_0
354	01035	016	$is_0h_0ir_0$	ph
396	94061	012	pr_0	prs
360	97061	035	pr_0	$pr_0s_0pr_0$
261	97061	030	$ps_0pr_0s_0r_0$	pr_0
262	95041	003	$r_0s_0ir_0pr_0s_0$	+
162	01051	029	pr_0	pr_0ir_0
131	00101	///	/	/
135	97081	036	+	ir_0
141	97091	026	+	if_0
171	91071	000	+	pr_0
091	01051	000	pr_0	pr_0
075	01071	005	pr_0	pr_0
049	00070	///	+	+
010	00070	///	/	/
005	92071	001	pr_0	pr_0
026	00081	086	+	+
022	00030	027	+	+
100	00080	082	+	+
917	00081	054	+	+
980	0007/	023	/	/
976	0008/	028	/	/
965	0008/	015	/	/
969	9706/	030	/	/
962	0008/	018	/	/
952	0007/	043	/	/
953	0009/	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50619	33012	11819	98011	14806	12400	00228	81815	/////	05150	11834	11145
B	50565	51012	61916	98028	17051	64500	00629	86625	/////	05857	11922	13155
C	50527	35512	31608	98028	15307	12560	00219	81825	/////	00103	11633	12057
D	50440	41012	63333	98258	22406	62500	00214	86820	/////	06750	12046	1////
I	50589	19112	70000	98022	28809	25402	00219	82618	86070	05104	10070	10735
J	50525	19612	11308	99020	28712	18501	00009	81825	/////	00408	10070	12743
K	50450	16112	70818	98031	23912	68506	00103	86823	86073	05108	10632	12646
M	53660	02012	72906	97022	34805	75500	00304	/////	/////	05202	12923	1////

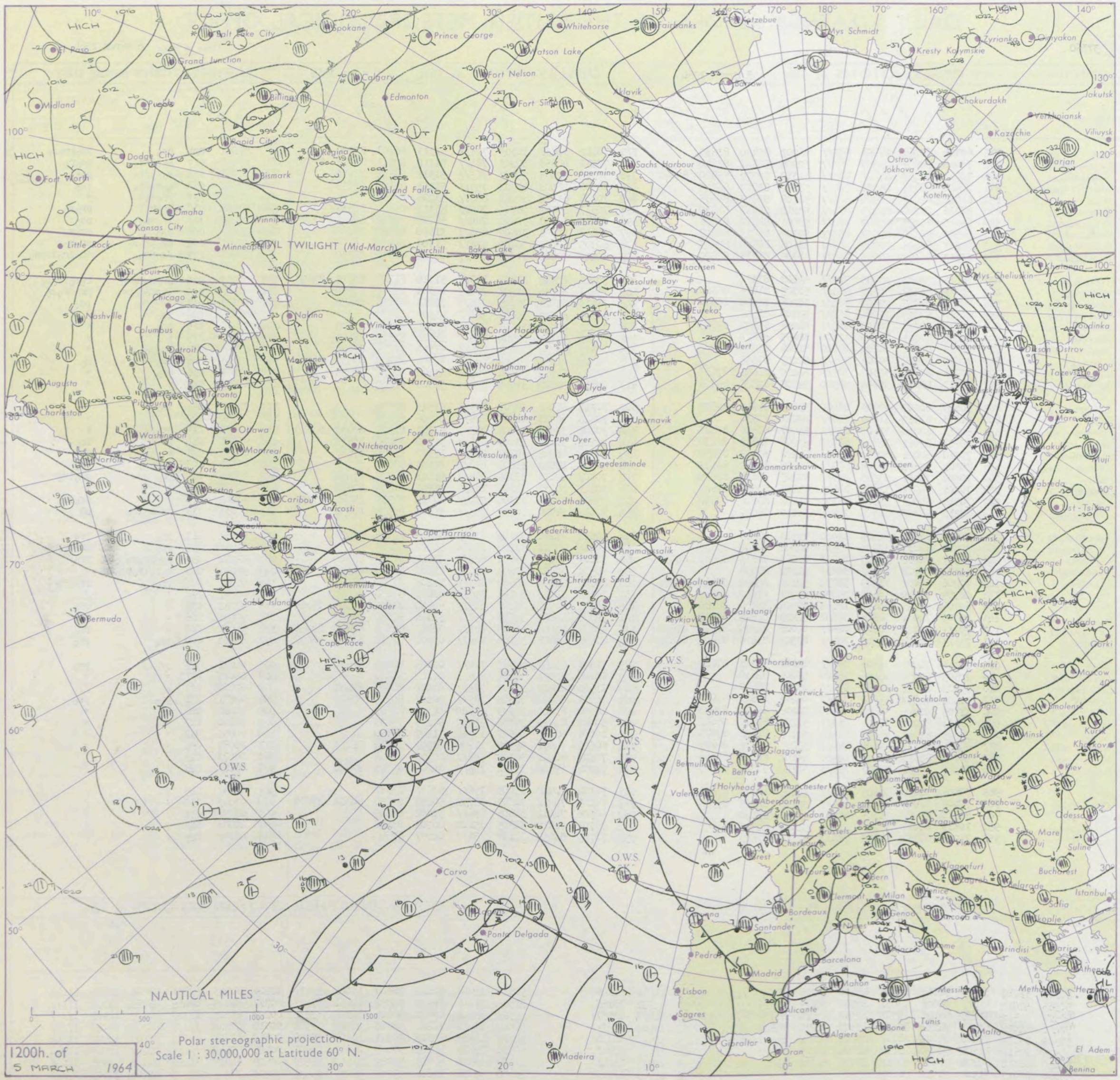
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33018	81815	96808	16006	59471	00209	84915	/////	05003	11834	11144
B	50565	51018	81932	98852	10451	67521	00737	86820	88459	05855	11939	1////
C	50527	35518	63611	98801	19307	32572	00227	83825	83360	00103	11498	1////
D	50440	41018	73224	98808	23607	72500	00310	87820	/////	06704	13047	1////
I	50591	18918	71913	99031	30409	38546	00310	83820	85075	00105	11922	11344
J	50524	19618	11109	99020	29811	15601	00103	81640	/////	00107	10070	12944
K	50450	16318	81023	97032	21912	42571	00609	84820	88463	05109	10735	12656
M	53660	02018	82614	97022	34706	85511	00303	/////	/////	05104	12623	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
Driz
Rain
Rain
Rain
Sno
Rain
Hail
Thu

WIND

Symbol

For each half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE

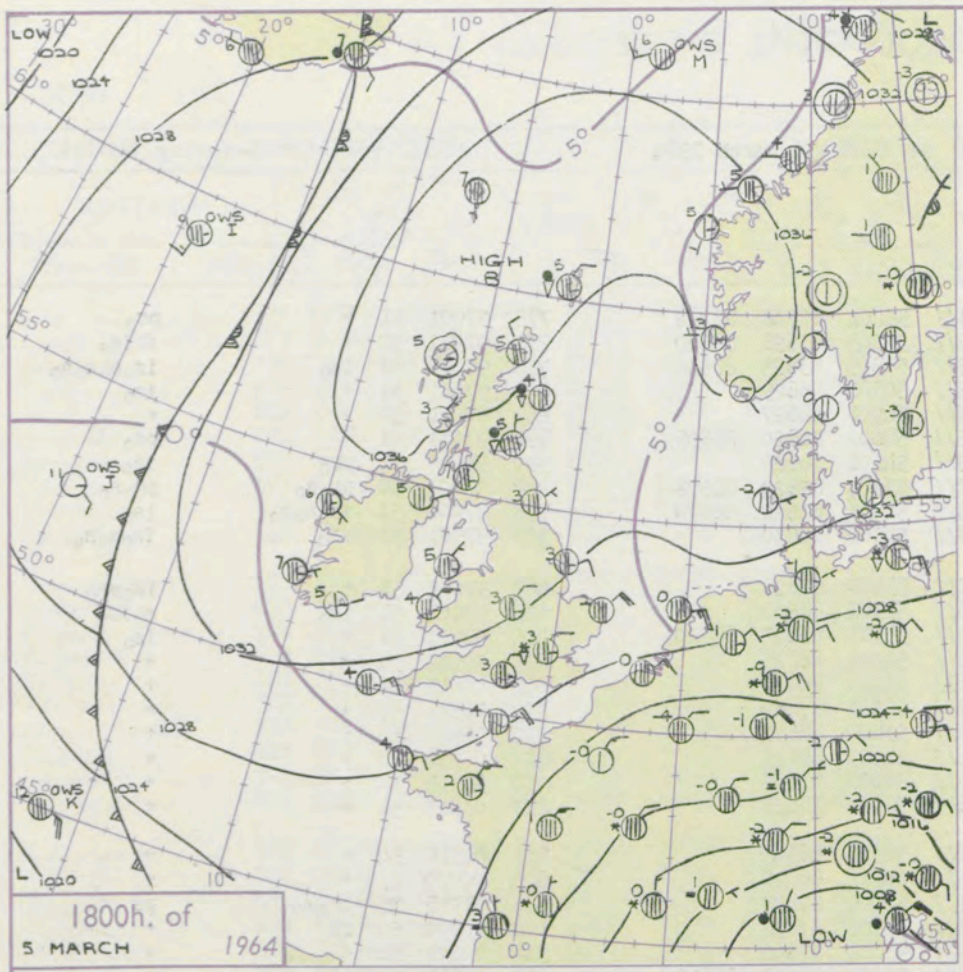
nation
mbols

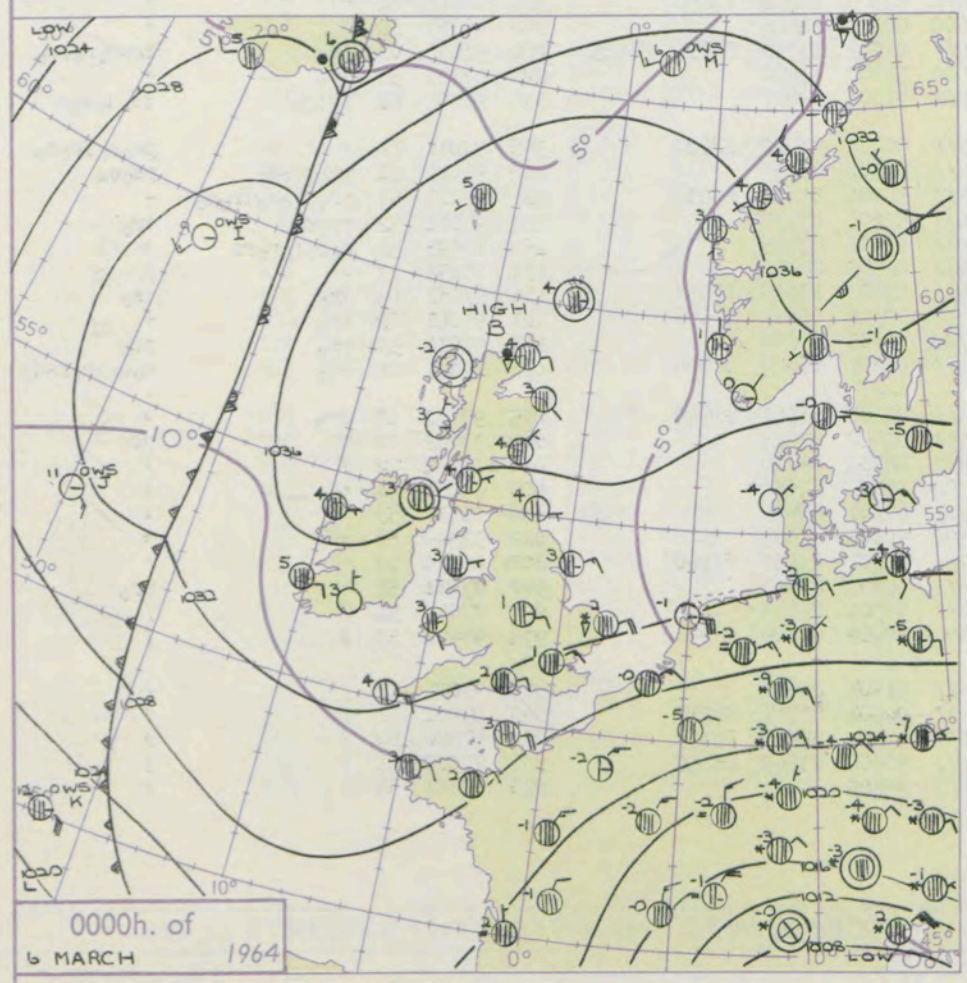
OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
obscured

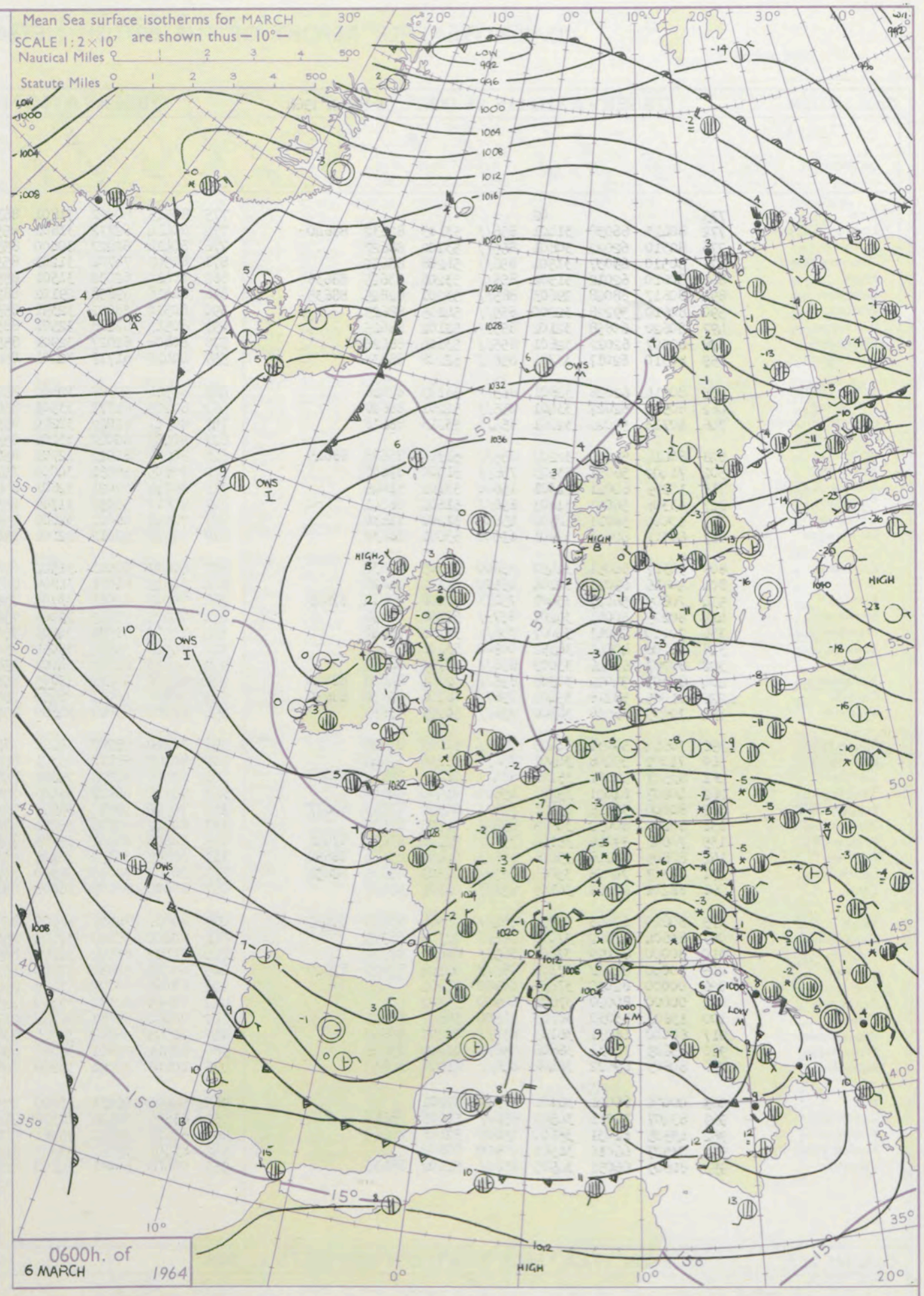
THER
Weather

zle
and
izzle
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 6 March 1964 1964

The slow moving anticyclone north of Scotland is now linked to another anticyclone over Russia by a belt of high pressure across southern Scandinavia. Another ridge extends across the Atlantic towards a third anticyclone west of Newfoundland. The north Scottish anticyclone will be the dominating feature however, and an easterly gradient will be maintained over the southern half of Britain.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Eastern Scotland, and most of England and Wales except sheltered western areas, will be cloudy with showers which will be of snow generally, but of rain along northern coasts. Western districts of Britain will be dry with sunny periods. It will continue cold in England and Wales, but Scotland and Northern Ireland will have near normal temperatures. Widespread 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. 6 March 1964

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	80413	66038	31401	856//	53103	82632	88640	
Gatwick	776	80310	62022	30801	855//	53102	88627		
Thorney Island	871	80510	69037	31501	856//	54208	88630		
Hurn	862	80610	62012	31502	855//	53206	83625	88636	
Guernsey	894	80617	68028	29603	885//	53001	82825	88635	
Wattisham	590	80610	59228	32200	855//	54105	88625		
Gorleston	497	80620	60858	32102	855//	52102	88625		
Mildenhall	578	80507	62022	32601	855//	53104	88625		
Cardington	559	80310	62017	33301	856//	52208	88632		
West Raynham	485	80614	62028	32801	855//	53103	88626		
Wittering	462	80509	62027	33401	855//	52201	88628		
Boscombe Down	746	80713	59022	32201	854//	53213	88618		
Ross-on-Wye									
Bristol	628	80414	58051	32202	855//	51304	83623	88645	
Aberporth	502	71402	56051	33503	756//	51400	87645		
Rhoose (Cardiff)	715	10209	62021	32301	15600	53102	81645		
Plymouth	827	63308	56021	31803	656//	51602	86641		
Chivenor	707	10000	58011	32900	15600	51201	81630		
St. Mawgan	817	60311	62031	32901	65600	53601	86637		
Culdrose	809	30307	66051	32450	35600	54305	83632		
Scilly	804	40816	69011	32104	45500	51102	84628		
Elmdon	534	70809	56027	33401	754//	52208	84614	87629	
Shawbury	414	80205	50041	34201	857//	52206	88656		
Manchester	334	70000	28041	34002	756//	51202	87640		
Squires Gate	318	01106	40041	34352	00900	53106			
Valley	302	80707	66026	33603	856//	01702	88635		
Ronaldsway	204	80307	74022	34505	855//	02201	84628	88640	
Carlisle	222	81005	58218	35402	856//	01106	83630	88650	
Watnall	354	70505	63038	34300	756//	50205	87635		
Spurn Head	396	70614	59031	34003	755//	52207	87620		
Finningley	360	71002	59268	34901	756//	51206	87641		
Dishforth	261	83507	58801	35101	884//	01205	82815	88620	
Tynemouth	262	40807	61021	35404	45600	01400	84640		
Eskdalemuir	162	80000	32618	35401	854//	00303	83710	88617	
Mull of Galloway	131	80209	80032	34605	856//	01705	88630		
Prestwick	135	70606	59216	35104	756//	02101	83634	87646	
Renfrew	141	80805	62216	35606	856//	00401	85634	88650	
Leuchars	171	80307	74028	35004	885//	02302	82825	88656	
Dyce	091	81202	66028	36103	856//	02101	88647		
Wick	075	80810	69808	36904	884//	03304	83818	88635	
Cape Wrath	049	83604	86022	37006	865//	02703	88725		
Sule Skerry	010	80000	81022	37006	865//	04400	88720		
Lerwick	005	70000	82022	37104	785//	02104	82822	87640	
Stornoway	026	00000	82020	37852	00900	53201			
Benbecula	022	00000	80020	37601	00900	51302			
Tiree	100	13606	83030	36703	14500	50802	81625		
Aldergrove	917	60000	66031	36103	657//	00203	86650		
Malin Head	980	53609	74031	36606	556//	01000	85648		
Belmullet	976	80803	69022	36404	856//	01400	88630		
Birr	965	00000	66021	36001	00900	52201			
Collinstown	969	83407	74031	34503	856//	51605	88645		
Rineanna	962	43505	61031	35600	45600	52103	81645		
Roches Point	952	03507	66010	34503	00900	00802			
Valentia	953	80809	66052	34505	856//	51102	88635		

OBSERVATIONS at 06h. 6 March 1964

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	80515	60022	31801	863//	56201	86708	88712	
772	80414	62772	31801	855//	55303	83628	88640	
776	80414	62227	30400	855//	57505	83625	88636	
871	80507	74702	31201	855//	50301	88629		
862	80410	62032	31501	855//	54501	88627		
894	80416	69858	29102	885//	54602	84820	87626	
590	80510	58022	32351	855//	54101	88625		
497	80519	62268	32501	885//	53603	85822	88628	
578	80406	62027	32901	855//	54303	81620	88630	
559	80410	61717	32201	856//	51302	88630		
485	80511	59707	32800	855//	53400	88628		
462	80209	61777	33501	856//	51301	88632		
746	80511	62022	32200	855//	55301	83623	88630	
627	80409	60022	33201	856//	54203	88625		
628	80409	61022	32701	856//	55204	88632		
502	70805	56051	34000	757//	52303	87650		
715	80714	62021	32601	856//	53400	88635		
827	80510	58032	31702	855//	51500	88629		
707	70507	66021	32802	756//	54203	87633		
817	30310	59012	32101	35600	52502	83637		
809	60807	60011	31502	656//	52503	86643		
804	60915	81031	31205	655//	00711	86620		
534	70208	62011	33701	756//	53001	87633		
414	70405	59047	35001	756//	52306	87638		
334	70000	61032	34601	756//	53001	87640		
318	70506	35041	35051	756//	52303	84631	87650	
302	40606	61020	34001	45600	00201	84645		
204	81306	64212	35003	854//	01302	83718	83625	88635
222	30707	48051	36250	35600	51302	83640		
354	80000	69022	34600	855//	51301	88627		
396	70512	59268	34202	735//	00802	83910	87620	
360	80108	58012	35301	856//	51201	88641		
261	73506	62038	35801	756//	50204	85632	87638	
262	71111	66028	36403	756//	52208	87635		
162	70000	48057	36551	756//	51303	87645		
131	80902	63026	35204	874//	02205	88712		
135	80603	60042	35203	855//	02301	81625	88656	
141	80805	62032	36105	854//	02304	85617	87656	
171	30000	70018	36350	35700	51305	83650		
091	80000	66605	36802	855//	02207	83620	88624	
075	80000	74028	36903	855//	02301	81625	88640	
049	70000	86028	37005	855//	02400	87625		
010	81102	81022	36706	865//	04703	88720		
005	40000	82030	37100	45700	51101	84650		
026	83106	80021	37602	856//	01501	88643		
022	10205	80030	37300	15500	50605	81625		
100	70000	83031	36702	2575/	00301	82650	87360	
917	70603	66028	35704	756//	02802	87645		
980	63511	74021	36006	656//	02703	86645		
976	10802	74021	36200	15600	52602	81640		
965	50000	66031	35500	556//	51501	85632		
969	83604	62606	34304	864//	02501	82711	88719	
962	63607	59101	35251	5563/	52602	85650	86359	
952	83507	66021	33603	856//	50604	83640	88650	
953	00404	66051	34100	00900	53805			

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97001	51	+	ps_o
772	97011	50	+	$shis_o$
776	97511	52	is_o	is_oshs_oso
871	97001	51	+	is_o
862	00011	50	+	+
894	97011	01	+	ps_o
590	91515	51	ps_o	is_o
497	91001	50	pr_oso	pr_oso
578	97001	51	is_oso_oso	is_o
559	97501	51	is_o	is_oso_oso
485	97003	51	+	is_opso
462	97001	51	is_o	$shis_o$
746	97501	51	+	is_o
627	00011	51	+	+
628	00011	51	+	+
502	00511	57	+	+
715	00521	55	+	+
827	00011	53	+	+
707	00511	54	+	+
817	00513	54	+	+
809	00510	54	+	+
804	00030	//	+	+
534	97516	55	ir_oso	ps
414	97000	52	sh	+
334	00001	54	+	+
318	00531	58	+	+
302	00001	52	+	+
204	91031	02	ir_o	$ir_or_or_opr_o$
222	97511	53	ir_o	+
354	93505	52	$phir_o$	is_oso_oso
396	97011	//	+	$pr_oso_oir_oso$
360	91011	51	pr_opr_oso	ps_ops
261	92001	51	$ps_opr_oso_oir_oso$	+
262	93021	52	pr_oso	ir_o
162	03525	54	$d_od_or_or_or_ors$	+
131	01031	//	/	/
135	97031	02	ir_o	ir_o
141	97041	02	ir_o	+
171	97511	53	pr_o	pr_o
091	92021	01	id_o	$d_od_oir_or_od_o$
075	97021	01	pr_o	+
049	97042	00	+	pr
010	01052	02	/	/
005	97001	54	pr_o	+
026	00531	53	+	+
022	97520	58	+	+
100	00010	55	+	+
917	97011	51	+	pr_o
980	97011	52	/	/
976	97501	53	/	/
965	97021	56	/	/
969	03021	51	/	/
962	97520	54	/	/
952	97021	51	/	/
953	97001	54	/	/

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	60621	33000	42320	98111	17805	28460	00314	81815	84358	05252	12334	1////
B	60565	51000	82226	96718	10400	874//	00000	88710	/////	05651	12149	1////
C	60527	35500	83615	98028	23406	22571	00310	82825	850//	05103	149/7	1////
D	60422	41700	23620	98028	26908	22500	45219	82820	/////	06501	13557	1////
I	60592	18900	12117	98018	32909	15500	00215	81625	/////	05202	12132	12444
J	60525	19800	11116	99010	31111	12500	00211	81825	/////	00107	11221	10933
K	60451	16600	71028	97022	21512	785//	00400	82820	87636	05107	10958	12656
M	63660	02000	82514	97022	33806	855//	00809	/////	/////	05254	12623	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	60619	33006	82326	97022	18404	884//	41805	848//	88630	05453	12337	1////
B												
C	60527	35506	13616	98020	27406	12500	00117	81825	/////	05202	149/7	1////
D	60440	41506	53526	98258	24110	52500	00608	85820	/////	06005	13657	1////
I	60589	19106	62112	98031	34109	58502	00308	81825	86075	05104	11233	149/4
J	60525	19806	42012	99030	30810	15608	00502	81640	84275	00009	11221	10933
K	60451	16506	71031	97022	20811	785//	00705	82820	87643	05406	15940	12645
M	63660	02006	72516	97022	31606	755//	00712	/////	/////	05103	12534	1////

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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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37361

Date of Issue Saturday 7 March 1964

OBSERVATIONS at 12h. 6 March 1964

Code FM 11.A

RSION LE °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
104	Kew	775	60512	58268	31202	63401	56810	85815	85625	81920
102	London Airport	772	60513	56268	31503	43432	54808	83918		
100	Gatwick	776	80311	23857	31150	824//	53809	88818		
99	Thorney Island	871	70513	69857	31301	785//	53705	86822	87650	
97	Hurn	862	70413	74018	31801	785//	53605	83820	87640	
95	Guernsey	894	60518	70268	28702	625//	54707	86820		
93	Wattisham	590	70413	32858	31601	723//	52812	83708	87812	
91	Gorleston	497	80519	32838	32301	885//	50806	84820	88628	
90	Mildenhall	578	60513	74851	32002	684//	55710	84818	85635	
88	Cardington	559	60211	70268	32703	5253/	54810	83820	85830	
86	West Raynham	485	70315	40858	32701	733//	51810	82707	87912	
84	Wittering	462	80516	74857	33202	884//	52810	85815	88635	
82	Boscombe Down	746	70513	77037	31701	785//	56709	83825	85630	
81	Ross-on-Wye	627	50710	60017	32402	53500	53811	83925		
79	Bristol	628	70413	66268	32402	784//	53807	85818	88640	
77	Aberporth	502	50514	59031	33703	58500	55708	83825	84635	
75	Rhoose (Cardiff)	715	70819	62852	32302	734//	53711	82911	85820	86635
73	Plymouth	827	70512	66032	31702	785//	52806	84825	87635	
72	Chivenor	707	60817	69012	32603	685//	53709	85825		
70	St. Mawgan	817	70715	74021	32102	756//	55807	87630		
68	Culdrose	809	70714	60052	31202	756//	55804	87640		
66	Scilly	804	70817	64032	31503	784//	51400	81818	87630	
64	Elmdon	534	70109	56262	33502	784//	53703	81712	83818	87630
63	Shawbury	414	50710	50268	34403	58400	50707	82812	83825	
61	Manchester	334	70613	62851	34503	725//	55806	83820	86825	
59	Squires Gate	318	30914	64151	35307	39400	53706	81918		
57	Valley	302	20714	63030	35206	21500	52803	82820		
55	Ronaldsway	204	71112	61038	36105	745//	50002	84820	84635	
54	Carlisle	222	61009	74031	37005	685//	53805	82823	85635	
52	Watnall	354	70712	56858	34201	68460	50807	83714	85825	
50	Spurn Head	396	70715	16838	34605	734//	01802	87910		
48	Finningley	360	80610	57858	35203	784//	01804	85818	84640	
46	Dishforth	261	70711	48851	36003	794//	51807	83915	85820	
45	Tynemouth	262	40612	74026	36905	42500	52805	84820		
43	Eskdalemuir	162	40000	59052	37103	32401	50803	83818		
41	Mull of Galloway	131	71408	60026	36604	794//	01206	87914		
39	Prestwick	135	40806	66036	36607	18579	51002	81828	83178	
37	Renfrew	141	60606	48042	37006	58631	51803	83830	83650	86070
36	Leuchars	171	71108	74018	37206	12502	01001	81825	87070	
34	Dyce	091	71905	66026	37405	784//	02003	83818	87650	
32	Wick	075	73410	74802	37505	784//	02203	84815	87640	
30	Cape Wrath	049	80000	86022	37706	855//	05201	88625		
28	Sule Skerry	010	70000	84038	37607	785//	04203	84820	87630	
27	Lerwick	005	72904	80021	37507	785//	02802	81825	87650	
25	Stornoway	026	81107	80802	38406	885//	04202	83820	88640	
23	Benbecula	022	70307	85021	37907	755//	02000	81621	87650	
21	Tiree	100	70601	86032	37007	6853/	02801	81825	86650	
19	Aldergrove	917	60809	59218	36106	684//	02001	84818	85640	
18	Malin Head	980	80708	82032	36607	885//	02000	81825	88656	
16	Belmullet	976	40510	80011	36507	28532	02703	81821	83359	
14	Birr	965	70207	69012	35005	785//	03706	83822	87637	
12	Collinstown	969	80912	62606	35004	864//	50601	82711	86625	88650
10	Rineanna	962	80209	66052	34606	5553/	01708	82622	85645	88359
9	Roches Point	952	60808	62021	33707	685//	02801	84821	86634	
7	Valentia	953	40711	82011	33808	456//	50606	84635		

OBSERVATIONS at 18h. 6 March 1964

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
775	70514	48268	29301	794//	54302	87915		
772	70418	58268	29102	784//	53504	81818	83820	87635
776	80512	19858	29050	884//	51604	84815	88620	
871	60614	59852	28601	685//	52502	84825	86640	
862	70309	66032	28602	785//	54608	81825	87630	
894	70317	80028	26702	784//	54805	81712	85816	87625
590	70414	56858	30351	784//	51301	85815	85625	
497	60622	62268	30701	685//	50707	83820	85625	
578	60508	66268	30800	685//	51303	83822	86630	
559	70317	64028	31001	785//	52301	83820	87640	
485	70415	48268	31350	784//	51301	84810	85630	
462	80216	59268	31501	822//	50301	84705	88810	
746	60211	69028	29301	685//	52505	83822	85635	
627	60307	57028	30802	655//	52606	86625		
628	20211	66018	29902	28500	53706	81822		
502	50611	61018	32203	55500	53504	82625	84656	
715	30511	58018	30202	34500	52609	81820	83622	
827	60308	48018	29703	68500	01705	81820	86630	
707	30605	64018	30702	38400	52707	81818	83630	
817	70312	66022	30402	785//	53504	82825	87635	
809	70610	60052	29502	756//	55605	87640		
804	80918	66022	29603	855//	00505	88624		
534	70416	56262	31401	784//	52603	81712	83818	86640
414	70614	61268	32803	784//	53502	86815		
334	60515	58168	33103	68500	53501	83825	85645	
318	20709	58268	34102	28500	51505	81822		
302	20311	63011	34003	28501	51501	81825		
204	30406	66038	34902	18532	52603	81822	83075	
222	60904	66031	36204	6564/	51501	85638		
354	70411	59858	32601	784//	51301	82818	87630	
396	80520	59032	33003	874//	52501	88715		
360	70409	57268	38701	725//	00501	87820		
261	70208	66261	34802	6843/	00502	82815	86630	
262	50514	74021	35904	43570	52706	84925		
162	10000	74011	36300	18501	51502	81820		
131	60902	66012	35504	25535	54804	82625	84360	
135	20602	67018	35205	28600	51502	81830		
141	50707	32048	36205	48630	01500	81830	84650	
171	10906	80011	36203	15730	50502	81656		
091	20000	40041	37102	15701	50201	81650		
075	70000	80028	36905	756//	03302	87635		
049	60000	86022	37006	656//	04701	86630		
010	70000	84022	37107	3263/	03701	83830	87360	
005	70000	82022	36905	785//	01302	81820	83625	87656
026	70000	74028	37405	785//	05501	81825	87650	
022	70307	80022	37206	756//	02303	81630	87656	
100	70000	85032	36306	785//	02203	81825	83630	87656
917	30606	62048	35404	28530	00602	81825		
980	80909	82032	36006	857//	02304	88656		
976	61406	80011	35106	3463/	03805	83639	86659	
965	70506	70022	34604	785//	01307	83822	87637	
969	50605	69227	34403	58401	53201	81715	83820	84635
962	70407	59018	33505	785//	02600	82825	87656	
952	50405	58056	33103	5541/	01501	81717	85645	
953	70603	80028	32507	785//	02501	81825	87635	

OBSERVATIONS during DAY

iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97035	018	ps_0ps	ps_0
772	97041	009	$s_0s_0ps_0hs$	ps_0
776	92035	021	$s_0s_0ps_0$	ps_0
871	97041	022	ps_0	ps_0
862	97041	///	ps_0s_0	+
894	97031	000	ps	ps_0
590	92025	///	is_0psps_0	ps_0
497	91035	020	$pr_0s_0ps_0$	$pr_0s_0ps_0$
578	97031	026	$ps_0pr_0s_0$	ps_0
559	97041	021	ps_0	ps_0phis_0
485	92021	029	$pspsph_0$	ps_0
462	97031	027	$ispsph_0$	$psph_0$
746	97030	018	+	ps_0
627	97041	020	is_0ps_0	+
628	97040	012	ps_0	ps_0
502	97051	057	ps_0	+
715	97031	014	ps_0ps	ps_0is_0
827	97030	009	ps_0	+
707	97051	012	ps_0	ps_0
817	00031	012	+	+
809	00040	016	+	+
804	00050	041	+	+
534	91041	026	$psps_0$	ps_0
414	97041	029	ps_0ps	ps_0
334	97041	049	ps_0	ps_0
318	97071	057	ps_0	pr_0s_0
302	00070	079	+	jp
204	97050	050	pr_0	+
222	00053	043	+	+
354	91031	014	$s_0s_0ps_0ph_0s_0$	$ps_0ph_0s_0$
396	97051	035	$ir_0s_0pr_0s_0$	pr_0s_0
360	95051	028	ps_0psph_0	$pr_0pr_0s_0r_0s_0$
261	97051	045	ps_0	pr_0s_0
262	00051	053	+	+
162	00053	064	+	+
131	00051	///	/	/
135	97080	076	pr_0	+
141	97081	018	+	pr_0
171	00071	080	+	+
091	00071	017	+	+
075	92071	010	pr_0	+
049	00071	///	+	+
010	00081	///	/	/
005	00071	011	+	+
026	00071	000	pr_0pr	+
022	00080	016	+	+
100	00080	001	+	+
917	97081	041	ir_0pr_0	+
980	0007/	000	/	/
976	0009/	030	/	/
965	9706/	007	/	/
969	0105/	007	/	/
962	9708/	006	/	/
952	9107/	017	/	/
953	9709/	028	/	/

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60619	33012	82028	97022	17605	885//	51708	82820	88630	05351	12137	1////
B	60565	51012	81946	97026	86205	874//	00719	88710	/////	00403	16855	1////
C	60527	35512	80510	98021	28306	21508	00007	82820	880//	05104	13256	1////
D	60440	41812	80220	98808	24310	62500	65203	86820	/////	05906	13657	1////
I	60589	19112	82112	98021	34509	12507	00001	81825	88275	00003	12133	149/4
J	60525	20012	62105	98012	33412	23531	00210	82920	83360	00309	100/0	11243
K	60450	15912	80636	96026	21811	864//	00104	82713	88638	05301	15940	12644
M	63660	02012	82418	97022	30506	856//	00705	/////	/////	05204	12445	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	60619	33218	81932	97022	16005	5552/	51832	85620	/////	05100	11936	12443
B	60565	51018	82028	97614	88604	864//	00312	88710	/////	00203	16944	1////
C	60527	35518	81306	98022	26907	855//	00612	88615	/////	00105	13056	1////
D	60423	40218	/////	98808	21513	52500	25723	85820	/////	05506	13657	1////
I	60591	19018	72115	98012	33809	34531	00603	83625	86075	05007	12133	149/4
J	60526	19918	82703	96516	34011	876//	00306	88730	/////	00009	10040	11242
K	60450	15618	80733	97022	21210	884//	00304	81713	88635	05402	15940	11443
M	63660	02018	72330	97158	24206	79400	00727	/////	/////	05203	12356	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

TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
6 MARCH 1964

Explanation of symbols

CL

Symbol

WEA

Symbol

Mis

Fog

Dri

Rai

Rai

Sno

Rai

Rai

Sno

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Thu

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Symbol

For each half-feat
5 knots

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
shower
nderstorm

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

1800h. of 6 MARCH 1964

0000h. of 7 MARCH 1964

Mean Sea surface isotherms for MARCH 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 7 MARCH 1964

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Saturday 7 March** 1964

Pressure remains high in a belt from central Europe, across the British Isles to the central North Atlantic. Fast-moving frontal depressions are embedded in the zone of strong westerlies north of the high pressure belt. A large depression is almost stationary near the Azores, associated with a complex though rather weak trough across Spain and the Mediterranean. No significant changes are expected in the immediate future.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Temperatures will remain below normal with east winds over all of the British Isles except Scotland and Northern Ireland and it will be very cold in southeast England. There will be a good deal of sunshine in all districts, although snow showers will continue to occur, particularly in eastern and central England and in Wales. A little rain may reach north Scotland later.

OUTLOOK for following 24 hours

Near normal temperatures in Scotland and Northern Ireland. Cold with some snow over much of England and Wales.

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

Code FM 11.A — OBSERVATIONS at 00h. 7 March 1964

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			00					
London Airport	772	70313	66038	29151	785//	55706	82825	87658	
Gatwick	776	80210	40858	28352	885//	54806	83822	88640	
Thorney Island	871	80611	58718	28351	856//	54708	88640		
Hurn	862	80314	74032	28950	857//	55001	88650		
Guernsey	894	80417	68268	25800	884//	54707	83818	87645	
Wattisham	590	80311	56708	29852	855//	54804	88625		
Gorleston	497	80622	60268	30201	885//	53709	85820	88625	
Mildenhall	578	80308	74028	30551	857//	54705	88650		
Cardington	559	70311	61717	31051	785//	52501	83828	87644	
West Raynham	485	80614	56858	31051	884++	55702	84812	88640	
Wittering	462	10709	62018	31450	15600	53703	81645		
Boscombe Down	746	50515	66018	29751	55600	56400	85645		
Ross-on-Wye									
Bristol	628	80607	62022	30201	856//	53801	88640		
Aberporth	502	20513	59022	31502	25600	52708	82636		
Rhoose (Cardiff)	715	80622	62857	30101	885//	54803	85828	88650	
Plymouth	827	70706	62031	29002	756//	55805	87636		
Chivenor	707	60708	59221	30102	655//	53706	84625	86643	
St. Mawgan	817	70515	59011	29801	756//	53707	87644		
Culdrose	809	70612	58052	29102	756//	53608	87640		
Scilly	804	70821	66022	28704	754//	00712	87623		
Elmdon	534	30509	64261	31451	32500	53804	83820		
Shawbury	414	83606	56772	32501	855//	51707	88620		
Manchester	334	70108	56851	32401	784//	50610	83816	86625	
Squires Gate	318	70312	48041	33302	756//	52812	87643		
Valley	302	00509	63020	33501	00900	51708			
Ronaldsway	204	00208	69011	34750	00900	53805			
Carlisle	222	13601	62031	35752	15600	53809	81640		
Watnall	354	80507	56708	32100	854//	51807	86612	88614	
Spurn Head	396	60925	59018	32203	6641/	51701	86718	84620	
Finningley	360	70208	58228	32801	755//	50710	87628		
Dishforth	261	70107	59261	33801	784//	00607	84818	87631	
Tynemouth	262	80515	61616	34703	885//	02710	83825	88630	
Eskdalemuir	162	03501	79020	36853	00900	55805			
Mull of Galloway	131	60902	66012	35802	675//	51608	86725		
Prestwick	135	60000	60040	35952	657//	53603	86650		
Renfrew	141	70704	40041	36803	757//	50401	87650		
Leuchars	171	00000	56100	36453	00900	53606			
Dyce	091	00000	09460	36753	00900	54708			
Wick	075	30000	80012	36501	35600	01706	83635		
Cape Wrath	049	80000	86022	36505	865//	03706	88725		
Sule Skerry	010	80000	82022	36607	865//	03705	88725		
Lerwick	005	82802	80022	35705	856//	01708	88643		
Stornoway	026	80000	74032	36804	857//	03707	88650		
Benbecula	022	80000	74022	36804	856//	03708	88647		
Tiree	100	80000	83032	36104	856//	02806	88647		
Aldergrove	917	10903	56041	36000	15600	51802	81640		
Malin Head	980	71804	80012	35904	758//	50805	87657		
Belmullet	976	81205	66031	35205	857//	02703	88650		
Birr	965	03601	70021	35151	00900	52502			
Collinstown	969	80907	74031	34103	855//	51704	86627	88650	
Rineanna	962	00308	59100	34551	00900	52400			
Roches Point	952	80109	58051	32802	856//	51706	88646		
Valentia	953	80707	66022	33004	885//	01501	81825	88645	

OBSERVATIONS at 06h. 7 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
	775	80314	66712	27851	854//	55705	86717	88650	
	772	80311	59712	27751	855//	54505	82625	88657	
	776	80307	23717	27152	854//	54803	88614		
	871	80509	56712	26851	854//	54605	86712	88650	
	862	70313	66037	27251	755//	55705	84625	86650	
	894	80820	60707	24251	854//	54603	84711	88630	
	590	70312	63027	28752	785//	55603	82820	87635	
	497	70725	60018	29600	785//	54706	85820	87625	
	578	80407	62718	29651	854//	52503	86618	88640	
	559	80312	48718	29751	885//	53300	84820	88648	
	485	80719	69028	30051	885//	55604	83825	88630	
	462	80609	66028	30651	855//	55502	82620	88634	
	746	30310	61018	27953	35700	55704	83650		
	627	80412	66022	29851	855//	55603	88625		
	628	70111	62031	29151	756//	54601	87640		
	502	70614	59031	29802	785//	52604	83820	87656	
	715	70823	62851	29451	725//	55302	87828		
	827	60315	59037	27650	657//	56601	86650		
	707	70709	62021	29101	755//	54702	84625	87640	
	817	60615	69022	28351	65600	55602	86640		
	809	40618	62052	27551	45600	51603	84635		
	804	60823	74022	26902	655//	51704	86623		
	534	70510	64858	30651	785//	55603	83820	87642	
	414	70712	63037	31700	784//	53305	82818	87622	
	334	20615	66021	31500	25600	55400	82630		
	318	10608	80021	32651	15600	54501	81635		
	302	70610	66227	32003	784//	51505	85818	86635	
	204	70311	69801	33402	785//	50505	83823	87650	
	222	60405	62017	34400	5543/	51706	84715	84640	
	354	70604	69027	31351	756//	55803	87641		
	396	70720	66022	31501	755//	53705	87625		
	360	60409	66017	32600	656//	55802	86638		
	261	70105	82031	33700	756//	53303	87634		
	262	80914	66028	34003	856//	52500	88635		
	162	80801	48777	35151	855//	52500	88625		
	131	60712	74031	34302	655//	55705	86625		
	135	10902	60041	35055	15600	56602	81640		
	141	00000	15101	35853	00900	54502			
	171	12607	56040	35153	15700	54704	81650		
	091	70000	62021	35851	756//	52603	87640		
	075	62503	80031	35350	656//	52704	86630		
	049	60302	86021	34805	656//	01708	86630		
	010	82505	82031	35007	856//	04707	88630		
	005	82608	80022	34005	856//	01709	88642		
	026	70000	80031	35702	756//	02705	87630		
	022	63505	74012	35904	657//	03500	86650		
	100	70801	83016	35304	756//	02400	82640	87656	
	917	00704	62040	34900	00900	53603			
	980	71905	80031	34803	757//	01702	87650		
	976	80804	66031	35002	857//	00303	88650		
	965	80101	66021	33900	856//	51301	88639		
	969	73607	80031	33201	756//	53502	87645		
	962	80308	48102	33501	855//	50501	88623		
	952	70111	66032	31702	756//	52502	87646		
	953	00908	66020	32202	00900	53602			

OBSERVATIONS during NIGHT

iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97515	52	ps_0	$s_0s_0ps_0$
772	97513	53	$ps_0s_0s_0$	$s_0s_0ps_0$
776	01536	54	$ps_0s_0s_0$	s_0s_0
871	94527	52	$ps_0s_0s_0$	s_0s_0ss
862	97523	53	is_0	$s_0s_0is_0s_0s_0$
894	11527	53	ssff	is_0ss
590	92525	53	$ps_0is_0s_0s_0$	ps_0
497	92515	52	$psps_0pr_0s$	+
578	93521	53	is_0	$ps_0s_0s_0$
559	97526	54	$s_0s_0ps_0$	$ps_0s_0s_0$
485	91523	52	ps_0	ps_0
462	91515	53	$phps_0$	$s_0s_0ks_0ps_0$
746	97533	54	ps_0is_0	is_0ps_0
627	97513	52	prs	+
628	97513	54	+	ps_0
502	97001	53	+	ps_0
715	97513	52	ps_0	ps_0ps
827	97510	53	is_0	ps_0
707	97501	53	is_0	ps_0
817	00513	52	+	+
809	00520	53	+	+
804	97001	//	+	ps_0
534	97523	55	ps_0	$ps_0s_0s_0ps_0$
414	97501	52	hsr_0s_0	is_0ps_0
334	97510	52	ps_0	+
318	00523	57	+	+
302	91011	52	+	is_0
204	97510	54	+	pr_0
222	97533	56	is_0	is_0
354	97515	53	$ps_0is_0ph_0s_0$	$ps_0ph_0s_0$
396	97010	//	pr_0s_0	+
360	97501	54	$r_0s_0is_0$	+
261	93501	53	pr_0s	+
262	93021	00	$r_0r_0pr_0$	+
162	94546	57	+	$is_0h_0s_0s_0s_0$
131	00010	//	/	/
135	00553	59	+	jf
141	00543	57	+	+
171	00543	58	+	+
091	00553	60	ifF	+
075	00521	57	+	+
049	00031	01	+	+
010	00053	53	/	/
005	00031	02	+	+
026	00511	56	+	+
022	91031	00	+	ir_0
100	97030	01	+	ir_0
917	00531	56	+	+
980	0002/	51	/	/
976	9700/	52	/	/
965	9752/	56	/	/
969	9701/	53	/	/
962	9754/	55	/	/
952	9701/	51	/	/
953	0001/	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	$N_hC_LhC_MC_H$	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	70622	32900	82043	97612	09205	7742/	41851	87810	/////	05203	11939	1////
B	70565	51000	83010	98026	95803	854//	00241	88615	/////	05100	11946	1////
C	70527	35500	61114	95412	25207	35500	00822	83625	/////	00106	11121	149/4
D	70424	41300	60216	98028	21012	625//	65208	86820	/////	05607	13657	1////
I	70591	19000	12216	98031	33809	15500	00501	81625	/////	05105	12333	149/4
J	70526	19900	20907	97016	33309	25500	00805	82625	/////	05207	100/0	11242
K	70450	15800	80828	96022	21710	856//	00703	88640	/////	05404	15940	11443
M	73660	02000	42622	71028	25905	48500	/////	/////	/////	05501	12656	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	70622	32906	82040	96612	07206	7742/	41510	87810	/////	00004	17042	100/0
B	70565	51006	73515	97026	01003	6472/	00244	86715	87457	00052	12445	1////
C	70527	35506	81514	97034	23208	864//	00807	88710	/////	00207	11121	149/4
D	70426	41106	83323	98802	18312	825//	35725	88820	/////	05609	13346	1////
I	70589	19106	42117	98018	31609	48500	00707	82820	83640	05007	12134	149/5
J	70526	20006	21210	99020	33009	00901	00506	82070	/////	05302	11222	11343
K	70449	15506	71226	96028	20008	785//	21709	83820	87636	05704	15940	11544
M	73660	02006	62420	97808	20806	69400	00728	/////	/////	05004	12456	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. 37362 — Date of Issue Sunday 8 March 1964

Code FM 11.A — OBSERVATIONS at 12h. 7 March 1964

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	70417	68028	27301	725//	59806	82825	85625	
London Airport	772	60417	66028	27301	62500	58809	86828		
Gatwick	776	50314	56857	26551	52500	51809	85820		
Thorney Island	871	60616	62267	26101	625//	52810	86820		
Hurn	862	70514	80028	26802	785//	53705	86825		
Guernsey	894	80718	19858	23451	884//	52806	83710	86815	
Wattisham	590	60613	69038	28400	62600	54604	86830		
Gorleston	497	50619	62012	29300	58500	53804	82820	84625	
Mildenhall	578	40614	80017	28701	48500	53808	84820		
Cardington	559	70314	61858	29201	784//	53807	81712	85818	
West Raynham	485	70515	40858	29651	783//	52704	82709	84813	86628
Wittering	462	70518	80268	29301	784//	54811	86818		
Boscombe Down	746	70615	74038	27201	785//	56808	81820	87628	
Ross-on-Wye	627	40513	60268	28801	48500	51709	81825	83635	
Bristol	628	50419	74268	28102	52500	53808	85825		
Aberporth	502	60513	74038	30301	65500	53808	86628		
Rhoose (Cardiff)	715	70821	58862	28102	794//	56811	81918	86820	
Plymouth	827	70619	74038	26801	785//	52608	82820	87635	
Chivenor	707	60620	69268	28303	634//	56711	81915	85822	
St. Mawgan	817	40519	69268	27501	48500	56711	83820		
Culdrose	809	60615	69028	26801	62500	55707	86820		
Scilly	804	50824	81038	26603	51500	00809	85828		
Elmdon	534	70616	64857	30101	785//	54707	82822	86630	
Shawbury	414	60515	69028	30902	685//	01710	86822		
Manchester	334	70515	59851	31202	785//	53610	86825	83645	
Squires Gate	318	60815	60041	32304	68500	52709	84822	84630	
Valley	302	30722	74021	31904	31500	55808	83825		
Ronaldsway	204	50711	69028	33303	52400	51804	81818	85825	
Carlisle	222	60905	66037	34405	68441	51709	81717	85822	
Watnall	354	70611	66268	30501	725//	55810	81820	87826	
Spurn Head	396	60722	66022	30802	63500	54707	84920	83825	
Finningley	360	70513	80032	31902	725//	55706	87820		
Dishforth	261	60412	56851	32403	684//	00810	86818		
Tynemouth	262	60213	74022	34003	4357/	01707	84925	86358	
Eskdalemuir	162	70701	67038	34003	784//	51810	86817		
Mull of Galloway	131	50914	74012	34305	525//	51807	85825		
Prestwick	135	22002	62031	34306	21631	01813	82830		
Renfrew	141	30000	13040	34805	38601	53812	81830		
Leuchars	171	13007	66011	34205	18500	52711	81825		
Dyce	091	33205	62051	34307	38530	50809	82820		
Wick	075	52707	89012	33807	25731	02713	82650	83360	
Cape Wrath	049	72316	86022	33906	2563/	04702	82630	87360	
Sule Skerry	010	72405	82022	34107	3553/	06704	83625	87360	
Lerwick	005	72518	83032	31807	48501	04811	82820	83650	85075
Stornoway	026	71906	69801	34807	785//	05803	83822	87645	
Benbecula	022	70000	82016	35007	755//	04803	81625	87647	
Tiree	100	70000	89022	34907	785//	51705	81820	87656	
Aldergrove	917	30910	74030	34306	38500	51710	83825		
Malin Head	980	80504	62102	34606	857//	01808	88650		
Belmullet	976	10506	80011	33608	15700	51717	81650		
Birr	965	10312	74021	32405	18500	52713	81821		
Collinstown	969	70814	69268	32504	764//	00605	83712	87820	
Rineanna	962	10513	66031	32106	11601	52712	81830		
Roches Point	952	60314	74268	30905	634//	01708	84918	86640	
Valentia	953	10615	74020	31406	11500	52807	81827		

OBSERVATIONS at 18h. 7 March 1964

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	60622	72022	25701	614//	58400	86818		
London Airport	772	20417	61021	25601	24600	57502	82630		
Gatwick	776	60418	62038	24850	64400	53203	81718	85627	
Thorney Island	871	10616	66021	24401	15600	54501	81630		
Hurn	862	10413	66011	24401	15600	54605	81635		
Guernsey	894	70521	60268	21501	784//	54504	84817	87627	
Wattisham	590	70415	69031	26951	756//	55603	87630		
Gorleston	497	70626	62032	27101	755//	53707	87625		
Mildenhall	578	70407	69031	27401	785//	06701	86825	87630	
Cardington	559	30314	64028	27400	34600	53502	81830	83635	
West Raynham	485	70420	74028	27650	785//	54608	82825	87635	
Wittering	462	50514	74028	28400	58500	55502	81825	85635	
Boscombe Down	746	20413	80011	25400	24500	57504	82625		
Ross-on-Wye	627	20408	66028	27250	28500	55608	81825		
Bristol	628	30314	74038	26400	34500	54609	83622		
Aberporth	502	30618	69012	27402	35501	53514	83625		
Rhoose (Cardiff)	715	30618	64018	26100	38400	55710	81818		
Plymouth	827	20614	61048	24901	24600	52607	82630		
Chivenor	707	40610	61268	26001	48400	53711	81818	83625	
St. Mawgan	817	50712	69011	25600	54500	54604	81823	85635	
Culdrose	809	60617	66012	24601	685//	53706	82824	83626	86630
Scilly	804	80820	74022	24902	855//	55608	88625		
Elmdon	534	50513	64018	28350	58501	54605	82825	84635	
Shawbury	414	20713	69011	29101	14501	54501	81825		
Manchester	334	60612	64038	29602	685//	54502	85828	83645	
Squires Gate	318	70714	62258	30503	785//	50503	85827	84635	
Valley	302	60313	66031	29904	685//	52607	83820	86635	
Ronaldsway	204	70408	66021	31204	785//	52505	81822	87635	
Carlisle	222	80606	61038	32203	884//	01507	81710	84630	88645
Watnall	354	60711	66028	29250	686//	55503	82830	85635	
Spurn Head	396	60924	59022	28901	63500	01712	84920	83825	
Finningley	360	60518	78032	30202	58500	53605	85825		
Dishforth	261	60908	74028	30702	58541	00608	83820	83645	
Tynemouth	262	80510	66022	31604	885//	01609	83820	88635	
Eskdalemuir	162	60000	74012	32202	685//	50805	82820	86635	
Mull of Galloway	131	60000	74032	32504	625//	51604	86825		
Prestwick	135	33507	56041	32004	28501	51606	81828		
Renfrew	141	30305	37040	32506	35600	01604	83640		
Leuchars	171	71103	82031	32005	756//	50706	87640		
Dyce	091	73301	40041	32405	784//	01608	81818	87645	
Wick	075	72206	82022	32005	756//	51803	87630		
Cape Wrath	049	62016	81022	31406	3564/	05709	83630	86360	
Sule Skerry	010	62509	74012	31308	36546	07714	83720	86270	
Lerwick	005	72515	63026	28407	752//	06716	85704	87625	
Stornoway	026	72606	62058	32607	40971	04709	84360	86075	
Benbecula	022	72306	82158	33206	785//	04608	82825	87645	
Tiree	100	73604	89031	33106	785//	01606	81825	87656	
Aldergrove	917	50506	86021	32305	556//	51505	85635		
Malin Head	980	70305	82031	32905	757//	00607	87650		
Belmullet	976	80604	80021	32105	856//	02807	88641		
Birr	965	70608	74038	31203	785//	52301	86821	87639	
Collinstown	969	70713	78038	31003	785//	54604	84828	87640	
Rineanna	962	50607	80258	30404	585//	56300	82825	85645	
Roches Point	952	70611	74031	29403	785//	54501	86822	87645	
Valentia	953	70406	75011	29405	72500	51604	87827		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97021	061	pr_o	+
London Airport	772	97033	053	ps_o	+
Gatwick	776	94015	034	$s_os_ops_o$	+
Thorney Island	871	97021	048	$s_os_ops_o$	+
Hurn	862	97031	///	ps_o	+
Guernsey	894	04016	012	$s_os_ops_o$	ps_o
Wattisham	590	00015	///	+	+
Gorleston	497	00020	071	+	+
Mildenhall	578	97033	061	s_os_o	+
Cardington	559	97031	024	$s_os_ops_o$	+
West Raynham	485	92011	016	ps_ops_{sss}	ps_o
Wittering	462	92023	046	ps_ops_{ph}	ps_o
Boscombe Down	746	97023	048	ps_o	+
Ross-on-Wye	627	97023	015	ps_ops	ps_o
Bristol	628	97021	026	ps_ops	ps
Aberporth	502	97030	055	ps_o	+
Rhoose (Cardiff)	715	97030	035	ps_ops_6	ps_o
Plymouth	827	97030	043	ps_o	+
Chivenor	707	97043	035	ps_ops	ps_o
St. Mawgan	817	97021	053	ps_o	+
Culdrose	809	97020	020	ps_o	+
Scilly	804	97040	041	ps_o	+
Elmdon	534	97031	042	ps_ops	ps_o
Shawbury	414	00040	046	+	+
Manchester	334	97040	036	ps_o	+
Squires Gate	318	97071	045	+	pr_o
Valley	302	00050	073	+	+
Ronaldsway	204	97050	038	pr_o	pr_o
Carlisle	222	93061	031	+	pr_o
Watnall	354	97031	042	ps_o	+
Spurn Head	396	00030	068	+	+
Finningley	360	00041	038	+	+
Dishforth	261	01051	026	$pr_os_ops_opr_o$	+
Tynemouth	262	91042	021	+	pr_o
Eskdalemuir	162	97051	029	$s_os_opr_os_o$	+
Mull of Galloway	131	00061	///	/	/
Prestwick	135	00071	055	+	+
Renfrew	141	00081	060	+	+
Leuchars	171	00081	065	+	+
Dyce	091	00071	022	+	+
Wick	075	00091	025	+	+
Cape Wrath	049	00071	///	+	+
Sule Skerry	010	00080	///	/	/
Lerwick	005	97081	021	ir_o	+
Stornoway	026	97101	034	pr_o	+
Benbecula	022	93081	003	+	pr
Tiree	100	00081	005	+	+
Aldergrove	917	00071	069	+	+
Malin Head	980	0006/	021	/	/
Belmullet	976	0009/	032	/	/
Birr	965	9706/	077	/	/
Collinstown	969	9704/	022	/	/
Rineanna	962	9708/	069	/	/
Roches Point	952	9705/	039	/	/
Valentia	953	9707/	060	/	/

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	70620	32912	82041	96026	06306	1742/	41712	81810	88459	00103	17044	1////
B	70565	51012	83529	97707	08202	4747/	00236	84812	88358	05352	13637	11934
C	70527	35512	81414	97052	21208	855//	00714	88620	/////	00207	11422	11364
D	70427	42112	82704	98028	16712	1257/	65807	81820	88365	05707	10345	1////
I	70590	18912	82219	97021	31410	855//	00400	85620	88640	00008	12234	149/3
J	70526	20212	80805	98028	32709	886//	00400	83840	88656	05206	11021	11343
K	70447	15712	70726	98028	20309	785//	21801	86826	/////	05603	10949	11544
M	73660	02012	82524	96608	13506	4732/	00737	/////	/////	05104	12467	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	70618	32918	82136	96022	05907	6542/	41603	86610	/////	00205	17045	1////
B	70565	51018	73529	97857	11300	62504	00310	86825	/////	05753	13647	1////
C	70527	36518	81520	97614	17408	3742/	00614	83815	88458	00307	11446	1////
D	70432	41518	82110	98022	12013	22597	25727	82820	86360	05509	10345	1////
I	70591	18818	52318	97031	28909	55501	00611	85620	/////	05007	12334	149/4
J	70526	20318	70410	98802	29909	785//	00713	84822	87656	05306	100/0	11243
K	70448	16218	70626	97028	18709	785//	12603	86826	/////	05502	10947	11644
M	73660	02018	82626	96606	08206	5742/	00733	/////	/////	05104	12626	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

CIVIL TWILIGHT (Mid-March)

O.W.S. "A"
O.W.S. "D"
O.W.S. "E"
O.W.S. "J"
O.W.S. "K"

NAUTICAL MILES
0 500 1000 1500

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

1200h. of 7 MARCH 1964

Explanation of symbols

CLOUD

Symbol

Sky

WEATHER

Symbol

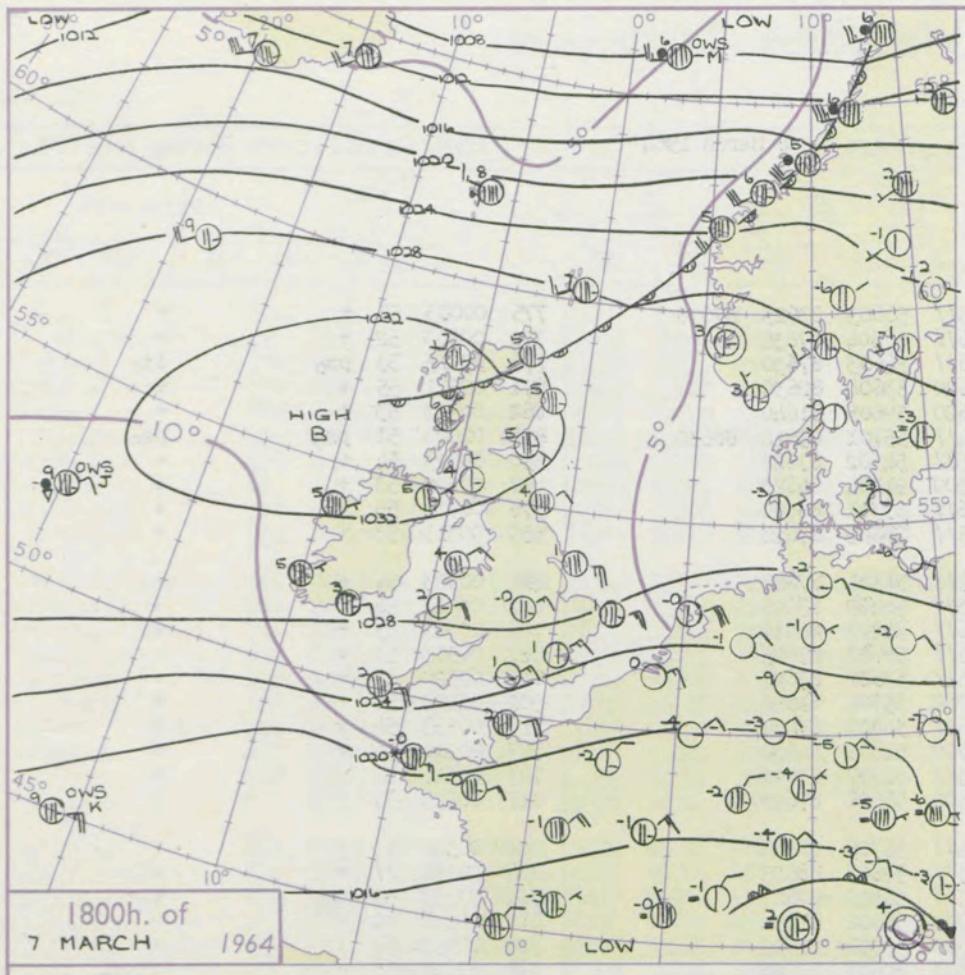
Mist
Fog
Drizzle
Rain
Rain
Snow
Rain
Rain
Snow
Hail
Thunder

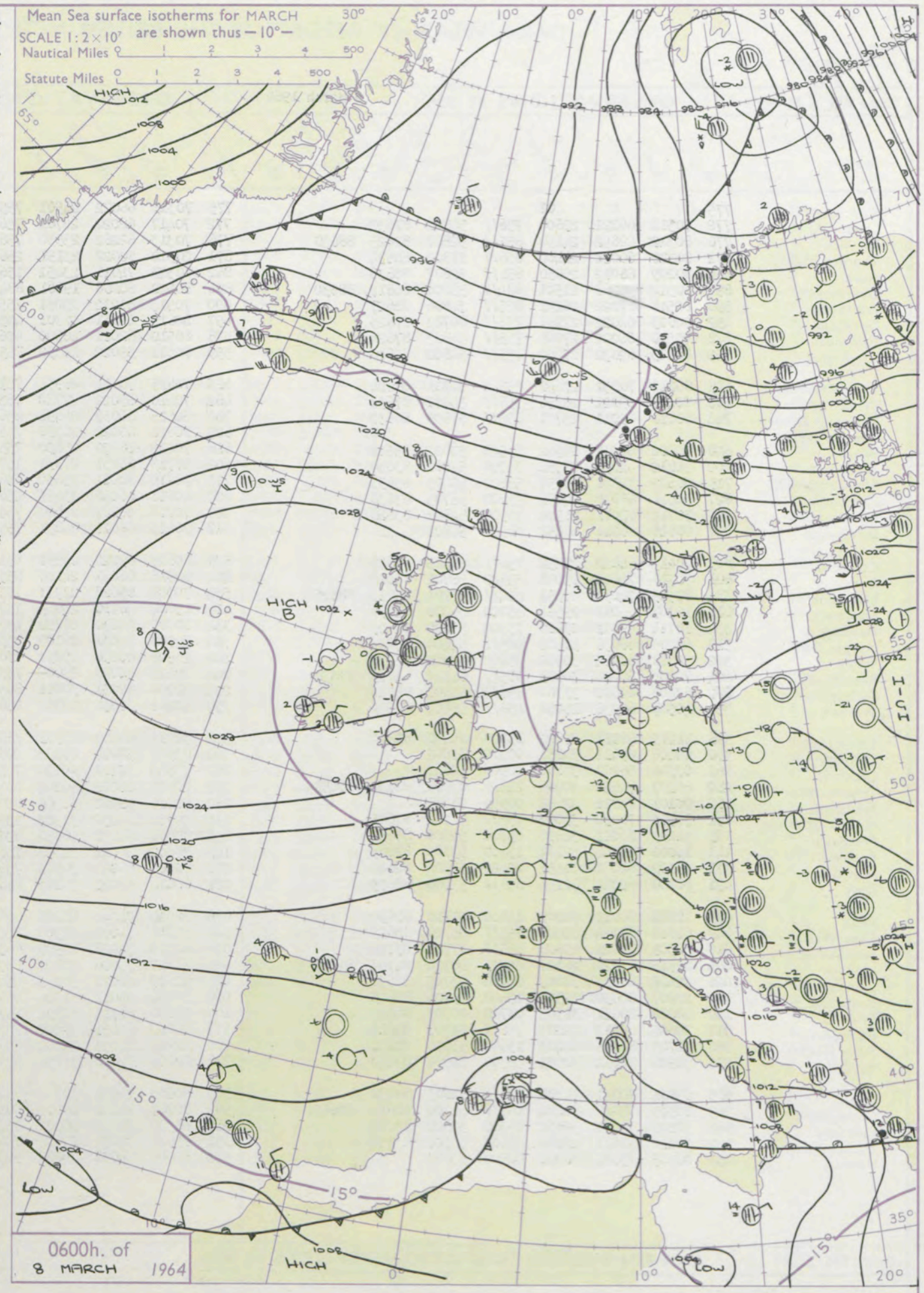
WIND

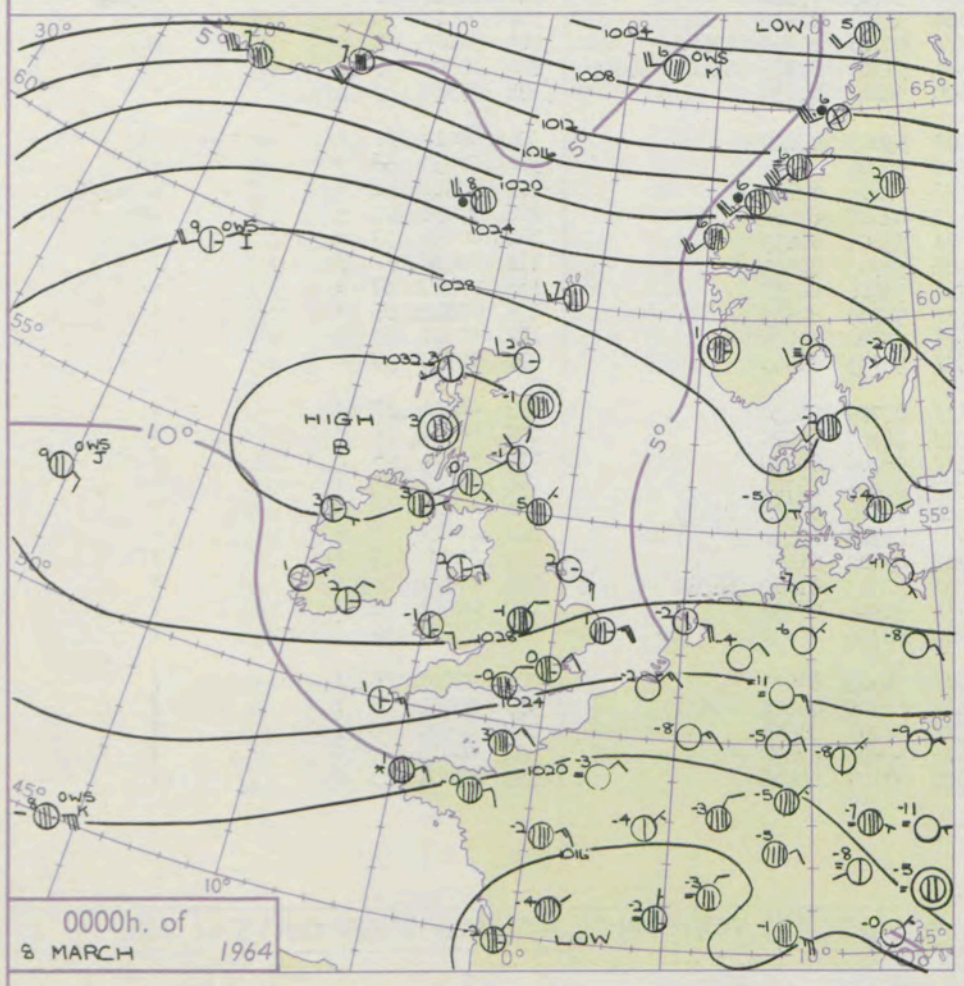
Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Sunday 8 March** 1964

There has been little significant change in the pressure pattern surrounding the British Isles during the past 24 hours. The anticyclone centred near Northern Ireland is weakening slowly but is expected to remain almost stationary.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Southern England and Wales will remain very cold but dry, with moderate easterly winds and much sunshine. Moderate or severe frost will be widespread tonight. Temperatures will be near normal in Scotland, Northern Ireland and the extreme north of England where it will be rather cloudy with a little rain. In north Wales and the north midlands it will be mainly dry with a slow rise in temperatures.

OUTLOOK for following 24 hours

Cold but dry in the south. Mild and cloudy with a little rain in the north.

Code FM 11.A

OBSERVATIONS at 00h. 8 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Kew	775			01					
London Airport	772	70512	66021	25600	756//	56802	87632		
Gatwick	776	80312	62852	24150	855//	52808	82625	88630	
Thorney Island	871	80510	80021	24400	856//	51802	88634		
Hurn	862	80209	66012	25050	856//	52807	88636		
Guernsey	894	80512	56268	21501	884//	55604	84817	88630	
Wattisham	590	80510	67022	26251	855//	54806	88627		
Gorleston	497	70623	62022	27101	755//	00703	87625		
Mildenhall	578	70510	66022	27000	755//	54803	87628		
Cardington	559	70413	62032	27250	755//	54802	87626		
West Raynham	485	80613	74032	27650	855//	54701	88624		
Wittering	462	80413	69021	28350	756//	55001	87631		
Boscombe Down	746	60410	69011	25751	656//	57805	86632		
Ross-on-Wye									
Bristol	628	50206	66011	26952	55500	55802	85628		
Aberporth	502	30812	62030	28551	35700	57001	83650		
Rhoose (Cardiff)	715	50620	74031	26851	55600	55603	85635		
Plymouth	827	30511	66030	24851	35600	55705	83630		
Chivenor	707	30712	62011	26500	35500	52802	83626		
St. Mawgan	817	00810	66021	26252	00900	56802			
Culdrose	809	70413	64022	25251	756//	55105	87630		
Scilly	804	30716	74021	25001	35500	56802	83620		
Elmdon	534	80309	74031	28551	854//	55201	85613	88625	
Shawbury	414	10307	64011	29551	15700	56000	81650		
Manchester	334	10711	69011	29600	15500	53000	81625		
Squires Gate	318	60808	66038	30500	685//	52400	85823		
Valley	302	30611	61021	30302	35600	51302	83635		
Ronaldsway	204	70408	69028	30903	785//	01602	81825	87650	
Carlisle	222	83403	62022	31702	856//	51804	88645		
Watnall	354	40507	66038	29052	456//	56803	84635		
Spurn Head	396	11115	66011	29402	15500	01400	81620		
Finningley	360	00206	69011	30151	00900	53802			
Dishforth	261	03506	56101	30600	00900	50603			
Tynemouth	262	80207	74028	30805	2162/	03606	82830	88459	
Eskdalemuir	162	00101	74021	32652	00900	56803			
Mull of Galloway	131	70910	70032	33003	755//	51204	87625		
Prestwick	135	51203	66011	31600	55700	52806	85650		
Renfrew	141	10000	17044	32101	15600	53709	81645		
Leuchars	171	23102	62031	31551	25600	53504	82640		
Dyce	091	80000	62041	32151	856//	53706	88639		
Wick	075	12610	80011	30202	15600	01710	81630		
Cape Wrath	049	82310	83022	30006	855//	05710	88625		
Sule Skerry	010	52509	74022	29608	565//	07708	85720		
Lerwick	005	62515	63022	26107	652//	06714	84703	86625	
Stornoway	026	22405	66011	31803	25700	03705	82650		
Benbecula	022	22007	80030	32503	25600	03704	82645		
Tiree	100	40000	89031	32503	45700	00705	84650		
Aldergrove	917	70605	66012	32203	756//	51703	87646		
Malin Head	980	11703	81011	32403	15600	53806	81636		
Belmullet	976	30906	74011	32503	35700	51801	83650		
Birr	965	83601	70021	31301	856//	51605	88639		
Collinstown	969	80510	74028	30404	885//	51704	84825	88645	
Rineanna	962	30206	74030	30951	35700	52607	83650		
Roches Point	952	30111	74011	28802	35600	53507	83637		
Valentia	953	00505	75021	30201	00900	53002			

OBSERVATIONS at 06h. 8 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Kew	775	70315	66022	24501	755//	56603	83625	87630	
London Airport	772	70417	62022	24701	756//	56504	87635		
Gatwick	776	70313	62262	23550	756//	54603	87630		
Thorney Island	871	20510	80022	23151	25600	53604	82630		
Hurn	862	10313	74011	23451	15600	52605	81640		
Guernsey	894	80520	60268	19801	884//	55701	83814	88630	
Wattisham	590	70513	61012	25851	755//	54502	87627		
Gorleston	497	40619	62011	26301	45500	51704	84625		
Mildenhall	578	60510	62021	26500	656//	53301	86630		
Cardington	559	70312	59022	26350	755//	53605	87628		
West Raynham	485	70415	74031	26951	755//	54501	87627		
Wittering	462	70410	69022	27750	755//	54400	87625		
Boscombe Down	746	60618	66032	24451	656//	56707	86630		
Ross-on-Wye	627	70610	66022	26350	755//	55607	87625		
Bristol	628	70412	66032	25650	755//	53606	87627		
Aberporth	502	10713	66031	27551	15700	55704	81656		
Rhoose (Cardiff)	715	70715	80011	25650	756//	54806	87631		
Plymouth	827	40618	66031	23451	45600	54508	84630		
Chivenor	707	70706	66021	25501	755//	52707	87626		
St. Mawgan	817	70415	66011	24851	75500	56608	87625		
Culdrose	809	80615	69022	23951	855//	56709	88625		
Scilly	804	80916	66031	24100	855//	57607	88623		
Elmdon	534	70308	69028	27751	755//	54502	87627		
Shawbury	414	13604	40110	28855	15700	56602	81650		
Manchester	334	10000	58030	28752	15500	55501	81625		
Squires Gate	318	70000	64031	29100	755//	52603	87626		
Valley	302	10506	66030	29251	15600	52701	81630		
Ronaldsway	204	70511	74028	29603	785//	00706	81820	87640	
Carlisle	222	80000	62031	30801	885//	51502	82823	85628	88640
Watnall	354	40402	66031	28353	45600	54401	84635		
Spurn Head	396	30712	66030	27901	35500	53603	83620		
Finningley	360	03505	58020	28853	00900	54504			
Dishforth	261	73503	32101	29150	755//	51604	87625		
Tynemouth	262	80507	66022	30204	856//	02400	88630		
Eskdalemuir	162	80000	66021	31300	856//	53604	88633		
Mull of Galloway	131	20712	74030	31303	25500	52703	82625		
Prestwick	135	80000	64031	30850	857//	53606	88650		
Renfrew	141	70000	40041	31300	756//	51703	87643		
Leuchars	171	72404	66021	30501	756//	52704	87635		
Dyce	091	80000	62022	30101	856//	52713	88640		
Wick	075	62510	74031	28205	656//	04709	86630		
Cape Wrath	049	82716	74022	28307	855//	04707	88625		
Sule Skerry	010	82509	74028	27909	865//	08706	88720		
Lerwick	005	82817	59026	23707	863//	06606	88706		
Stornoway	026	62609	66021	30105	25601	05708	82645	85075	
Benbecula	022	50000	69011	31504	55700	04705	85650		
Tiree	100	10000	82111	31704	15702	03602	81650		
Aldergrove	917	60000	62031	31300	2553/	52603	81620	86360	
Malin Head	980	81905	80031	31801	857//	51504	88650		
Belmullet	976	00204	74020	31751	00900	52706			
Birr	965	80203	74022	30302	856//	50302	88636		
Collinstown	969	80705	74808	29403	885//	50705	84822	88641	
Rineanna	962	80308	74022	29602	857//	51701	88650		
Roches Point	952	73611	74031	27602	756//	52603	87637		
Valentia	953	50608	74031	28602	52500	51707	85822		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00003	53	+	+
London Airport	772	00503	52	+	+
Gatwick	776	97515	53	ps_o	is_o
Thorney Island	871	00511	55	+	+
Hurn	862	00513	53	+	+
Guernsey	894	02006	51	ps_o	ps_o
Wattisham	590	00523	54	+	+
Gorleston	497	00520	53	+	+
Mildenhall	578	00511	55	+	+
Cardington	559	00513	53	+	+
West Raynham	485	00523	54	+	+
Wittering	462	00513	54	+	+
Boscombe Down	746	00513	53	+	+
Ross-on-Wye	627	00513	53	+	+
Bristol	628	00520	55	+	+
Aberporth	502	00520	58	+	+
Rhoose (Cardiff)	715	00533	54	+	+
Plymouth	827	00510	54	+	+
Chivenor	707	00511	54	+	+
St. Mawgan	817	00533	55	+	+
Culdrose	809	00530	53	+	+
Scilly	804	00511	//	+	+
Elmdon	534	97523	55	ps_o	+
Shawbury	414	00553	60	+	+
Manchester	334	00533	57	+	+
Squires Gate	318	97523	59	+	ir_os_o
Valley	302	00510	53	+	+
Ronaldsway	204	97020	00	+	pr_o
Carlisle	222	00501	53	+	+
Watnall	354	97543	60	pr_o	+
Spurn Head	396	00010	//	+	+
Finningley	360	00533	58	+	+
Dishforth	261	97511	54	+	$pr_os_opr_o$
Tynemouth	262	97031	02	+	prh
Eskdalemuir	162	00533	57	+	+
Mull of Galloway	131	00010	//	/	/
Prestwick	135	00533	57	+	+
Renfrew	141	00511	55	+	+
Leuchars	171	00511	55	+	+
Dyce	091	00523	53	+	+
Wick	075	00011	52	+	+
Cape Wrath	049	00051	04	+	+
Sule Skerry	010	91071	05	/	/
Lerwick	005	01061	05	+	rr
Stornoway	026	00021	53	+	+
Benbecula	022	00021	53	+	+
Tiree	100	00030	55	+	ff
Aldergrove	917	00521	56	+	+
Malin Head	980	00001	52	/	/
Belmullet	976	97023	56	/	/
Birr	965	97001	56	/	/
Collinstown	969	97031	00	/	/
Rineanna	962	00520	55	/	/
Roches Point	952	00011	52	/	/
Valentia	953	97001	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	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10618	33000	42032	96012	07007	37420	41604	83710	/////	00205	17044	1////
B	10565	51000	33116	98268	12252	31500	00400	83825	/////	06056	13446	1////
C	10527	35500	81421	96684	15608	6732/	00712	86708	/////	00207	11456	1////
D	10440	41000	83023	97616	09411	2742/	00707	82810	88540	05909	10445	1////
I	10592	18700	32320	97258	28609	38501	00807	81820	83635	05106	12334	149/4
J	10527	20300	41009	97258	29409	38500	00812	82830	/////	05305	12222	13333
K	10450	15800	70633	97028	20008	785//	00004	81826	87640	05702	10647	11644
M	13660	02000	82520	97026	06206	884//	00710	/////	/////	05204	12556	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	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	32806	81823	96602	05608	6742/	11806	86710	/////	00206	17043	100/0
B	10565	51006	82611	97858	09652	825//	00715	88825	/////	06060	13246	1////
C	10527	35506	81626	97216	11808	854//	00719	88615	/////	00307	11646	1////
D	10440	41006	83022	97716	09108	6742/	00500	86810	88540	06404	13045	1////
I	10590	19006	72322	97021	27609	755//	51804	87630	/////	00005	12334	149/5
J	10525	20006	31213	98021	29308	38500	31502	82828	/////	05402	11223	11133
K	10452	15506	80824	96268	19008	885//	11608	83826	88640	05504	10548	11643
M	13660	02006	82624	97606	04806	5742/	00303	/////	/////	05105	12667	1////

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

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37363

Date of Issue Monday 9 March 1964

ERSION BLE °F

Code FM 11.A — OBSERVATIONS at 12h. — 8 March 1964

	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_Cm_CH$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
104	Kew	775	20418	66011	23703	21500	56812	82827		
102	London Airport	772	10517	59011	23903	11600	56812	81835		
100	Gatwick	776	20522	66011	23002	21500	55809	82827		
99	Thorney Island	871	30617	74021	22503	32600	58809	83835		
97	Hurn	862	10418	62020	22603	11500	54812	81825		
95	Guernsey	894	70624	60058	19301	785//	54804	86820		
93	Wattisham	590	10516	80011	25302	11500	55806	81825		
91	Gorleston	497	40617	62012	26501	48500	00802	83820		
90	Mildenhall	578	20614	80011	25803	25600	56708	82630		
88	Cardington	559	20415	66021	25703	21600	55707	82835		
86	West Raynham	485	40717	74021	26302	41500	54604	84825		
84	Wittering	462	30516	80011	26603	35600	56709	83630		
82	Boscombe Down	746	10622	74021	23203	11600	57810	81830		
81	Ross-on-Wye	627	30510	70021	25103	31500	55812	83825		
79	Bristol	628	10420	80011	24104	11500	55715	81825		
77	Aberporth	502	10610	74020	26303	11500	54714	81820		
75	Rhoose (Cardiff)	715	20822	78012	24004	21500	56716	82825		
73	Plymouth	827	10812	68011	22703	11500	55811	81823		
72	Chivenor	707	40925	74021	24703	45500	57708	84625		
70	St. Mawgan	817	20417	82011	23403	25500	55814	82625		
68	Culdrose	809	60614	62052	22802	68500	54808	81820	85630	
66	Scilly	804	50718	74022	23202	55500	54709	85620		
64	Elmdon	534	30715	66011	26503	34600	56812	83635		
63	Shawbury	414	20612	66010	26804	21500	56817	82822		
61	Manchester	334	40518	66031	28504	41600	55712	84830		
59	Squires Gate	318	70408	37807	28504	784//	02706	84818	86625	
57	Valley	302	60415	66031	28205	68500	03709	82820	85635	
55	Ronaldsway	204	70612	86031	29106	785//	51505	82823	86640	
54	Carlisle	222	73604	62012	29807	784//	01810	81718	83635	87650
52	Watnall	354	40713	69030	26904	41500	56710	84822		
50	Spurn Head	396	10908	66010	27605	15500	51503	81625		
48	Finningley	360	30714	78030	28306	32500	54811	83822		
46	Dishforth	261	70408	74018	28805	784//	02805	81818	83820	87645
45	Tynemouth	262	70108	66028	29605	786//	03804	82830	87635	
43	Eskdalemuir	162	10701	80012	29606	15601	53708	81640		
41	Mull of Galloway									
39	Prestwick	135	00000	58041	30206	00900	52805			
37	Renfrew	141	70000	48041	30408	756//	51708	87645		
36	Leuchars	171	72408	82032	29308	5573/	00704	85650	85358	
34	Dyce	091	83109	59026	28507	856//	03707	88635		
32	Wick	075	63018	66022	27409	625//	07704	86820		
30	Cape Wrath	049	82720	66022	27408	865//	06709	88720		
28	Sule Skerry	010	62809	58016	27709	4643/	08400	84715	86360	
27	Lerwick	005	82919	66022	23209	884//	05801	81810	88630	
25	Stornoway	026	72918	66022	29810	785//	06804	82825	87656	
23	Benbecula	022	22909	82011	31209	11501	06501	81825		
21	Tiree	100	73407	74034	31209	784//	06603	81818	87650	
19	Aldergrove	917	70406	74022	30506	756//	01803	87645		
18	Malin Head	980	80107	83032	30908	885//	05706	83824	88650	
16	Belmullet	976	20709	80030	31008	15731	00806	81650		
14	Birr	965	70503	74026	29305	785//	50709	81821	87640	
12	Collinstown	969	50519	80038	28506	585//	51712	84823	85650	
10	Rineanna	962	80310	66022	29204	885//	01803	81823	83635	88650
9	Roches Point	952	20719	69031	27505	21500	53803	82823		
7	Valentia	953	30311	75021	28206	38500	51805	82823	83645	

OBSERVATIONS at 18h. — 8 March 1964

	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_Cm_CH$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
	775	10518	60011	22102	11500	57705	81825		
	772	00416	61020	21903	00900	58504			
	776	00411	66020	21401	00900	57608			
	871	00616	80020	20202	00900	59504			
	862	00415	59020	20503	00900	57507			
	894	60623	64022	17002	685//	54505	86820		
	590	00515	74010	23750	00900	55610			
	497	10420	64010	24302	14500	53712	81620		
	578	00409	74010	24001	00900	54602			
	559	00414	66010	24002	00900	55504			
	485	00512	74010	25000	00900	54502			
	462	10412	80020	24901	15600	54704	81630		
	746	00412	74020	20903	00900	56607			
	627	00610	70020	23003	00900	55602			
	628	10411	74010	22303	14500	55503	81628		
	502	00514	66020	23504	00900	53506			
	715	00711	74010	22203	00900	57502			
	827	00412	62020	20104	00900	53707			
	707	10607	62020	21704	11500	54511	81820		
	817	10212	80020	20803	11500	55606	81825		
	809	10512	60051	19803	12500	55708	81820		
	804	60519	74031	20504	684//	54710	84812	85620	
	534	10613	74020	24202	14600	55606	81635		
	414	10712	74020	25403	14600	54504	81635		
	334	30715	66021	25604	34700	56500	83650		
	318	60809	64028	26504	68500	50606	82827	86630	
	302	40310	66031	26105	48500	51604	81820	83640	
	204	20406	78011	27603	15601	51503	81640		
	222	61006	66031	27706	3555/	03607	81628	83635	85363
	354	10813	74010	25701	14600	54501	81640		
	396	00913	66010	26103	00900	51709			
	360	10607	72011	26503	18500	52506	81825		
	261	20508	86031	27103	15641	00604	81630		
	262	50000	74021	28205	50930	03606	85360		
	162	80000	80031	27405	856//	51510	86634	88639	
	131	63402	78031	28705	15639	51708	81630	84360	85175
	135	70000	56041	27607	756//	01610	84640	87650	
	141	83402	32041	27809	856//	02502	87630		
	171	72504	66016	27207	757//	04706	87656		
	091	83108	66802	27707	885//	05500	84820	88640	
	075	73014	66022	27007	12408	06503	81818	87275	
	049	82312	66022	27408	865//	05703	88720		
	010	72809	66022	27009	46406	06707	84715	87070	
	005	72915	63022	23108	753//	05503	82709	87640	
	026	72705	74032	29508	7853/	06500	81825	87640	
	022	32906	82011	30107	18501	06501	81826	83075	
	100	70106	82022	29608	785//	05606	81825	87650	
	917	10905	74021	28306	14600	51605	81635		
	980	60112	83032	29107	684//	05708	81819	86650	
	976	60310	80031	28807	655//	03609	82625	86650	
	965	60406	77012	27105	656//	52704	86640		
	969	70511	80022	26905	785//	52608	83826	87640	
	962	70613	74022	26806	757//	54607	87650		
	952	20211	74011	25105	28500	51606	82823		
	953	40511	78012	25705	45600	52610	84638		

OBSERVATIONS during DAY

	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	775	00041	079 +	+	+
	772	00050	075 +	+	+
	776	00045	075 +	+	+
	871	00050	091 +	+	+
	862	00051	/// +	+	+
	894	97035	013 ps_o	+	+
	590	00031	/// +	+	+
	497	00020	087 +	+	+
	578	00053	101 +	+	+
	559	00051	095 +	+	+
	485	00041	089 +	+	+
	462	00041	086 +	+	+
	746	00050	099 +	+	+
	627	00053	071 +	+	+
	628	00060	084 +	+	+
	502	00050	098 +	+	+
	715	00050	087 +	+	+
	827	00050	087 +	+	+
	707	00061	092 +	+	+
	817	00050	083 +	+	+
	809	00040	067 +	+	+
	804	00050	071 +	+	+
	534	00051	084 +	+	+
	414	00063	093 +	+	+
	334	00060	087 +	+	+
	318	93063	010 r_opr_o	pr_o	pr_o
	302	00071	080 +	+	+
	204	00080	063 +	+	+
	222	97091	044 +	ir_o	ir_o
	354	00061	084 +	+	+
	396	00050	099 +	+	+
	360	00063	066 +	+	+
	261	91061	018 pr_os_o	+	+
	262	97061	019 +	ir_o	ir_o
	162	97081	045 +	ir_o	ir_o
	131	00070	/// /	/	/
	135	97080	047 +	ir_o	ir_o
	141	00111	050 +	+	+
	171	91081	019 ir_o	ir_o	ir_o
	091	94091	000 ir_o	ir_o	ir_o
	075	00101	015 +	+	+
	049	00081	/// +	+	+
	010	97090	/// /	/	/
	005	00081	000 +	+	+
	026	00111	041 +	+	+
	022	00090	091 +	+	+
	100	00090	002 +	+	+
	917	00081	043 +	+	+
	980	0008/	024 /	/	/
	976	9709/	064 /	/	/
	965	9706/	001 /	/	/
	969	9707/	026 /	/	/
	962	0007/	001 /	/	/
	952	0007/	066 /	/	/
	953	0007/	057 /	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_lh_Cm_CH$	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	32912	81834	96036	03508	7725/	51807	87705	87359	00406	17040	1////
B	10565	51012	40000	98158	07352	12531	00715	81825	/////	06164	13343	1////
C	10527	35512	81529	97022	10109	8097/	00614	88359	/////	00407	11547	1////
D	10440	41012	83322	98807	10609	6252/	00203	86825	88458	06202	13045	1////
I	10589	19112	72318	97018	27709	785//	00502	82820	87640	00005	12333	12755
J	10524	19912	71015	98021	28110	785//	00501	81828	87645	05203	11122	11233
K	10453	15412	70720	96022	19009	784//	00704	82713	84826	05701	10548	10844
M	13660	02012	72726	97026	06206	78500	00212	/////	/////	05103	12756	1////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_lh_Cm_CH$	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	10619	32918	81935	96602	01308	6732/	41612	86707	/////	00407	16940	1////
B	10565	51018	82110	97858	04653	2241/	00612	82815	88465	06255	10132	1////
C	10527	35518	81628	97022	07909	8087/	00610	88357	/////	00407	11549	1////
D	10440	41018	53031	97158	10809	52500	00305	85820	/////	06205	13046	1////
I	10590	18818	82314	98022	27809	857//	00301	88650	/////	00003	12333	12855
J	10525	20118	80918	97808	26109	6357/	00711	85938	83645	05407	10932	11234
K	10453	15618	60610	98022	18009	68502	00705	84823	84640	05701	10847	10545
M	13660	02018	82726	97606	06806	6542/	00704	/////	/////	05105	12768	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

TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
8 MARCH 1964

Explan
of sy

CLO

Symbol

Sky

WEA

Symbol

Mist

Fog

Driz

Rain
dr

Rain

Rain

Sno

Rain

Rain
sh

Sno

Hail

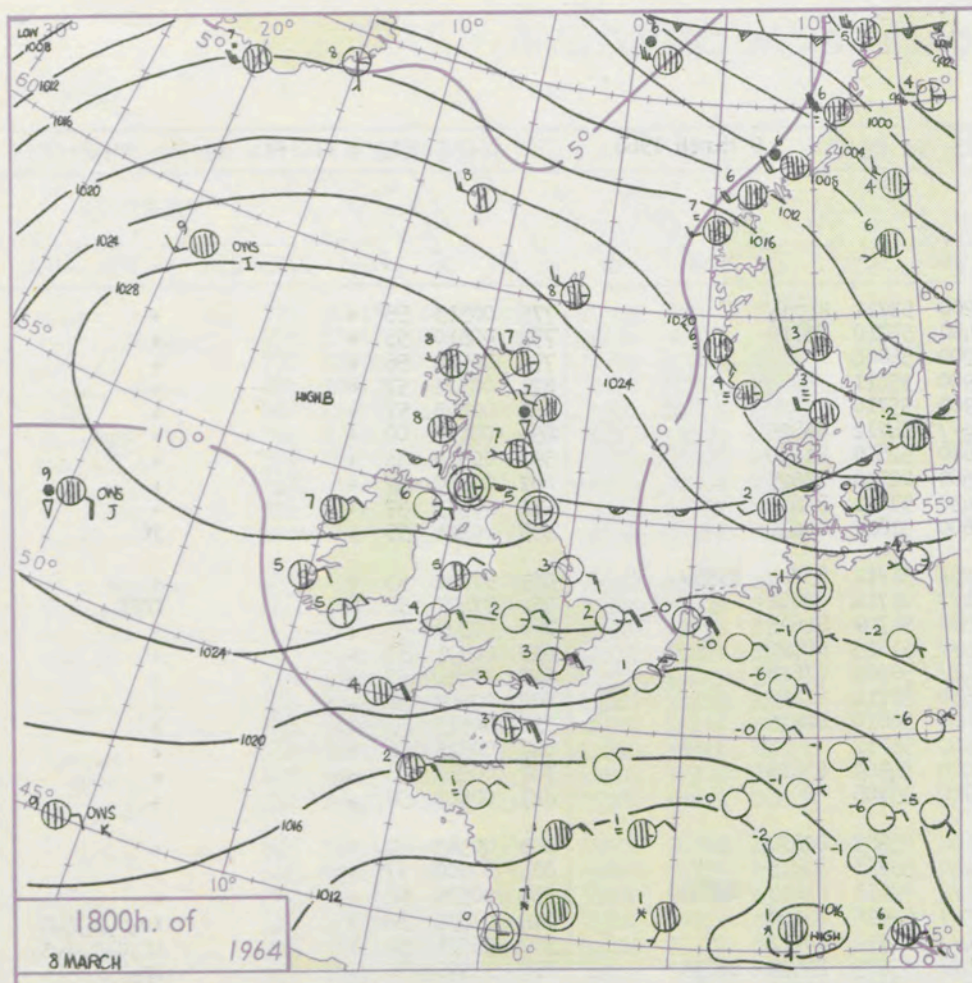
Thu

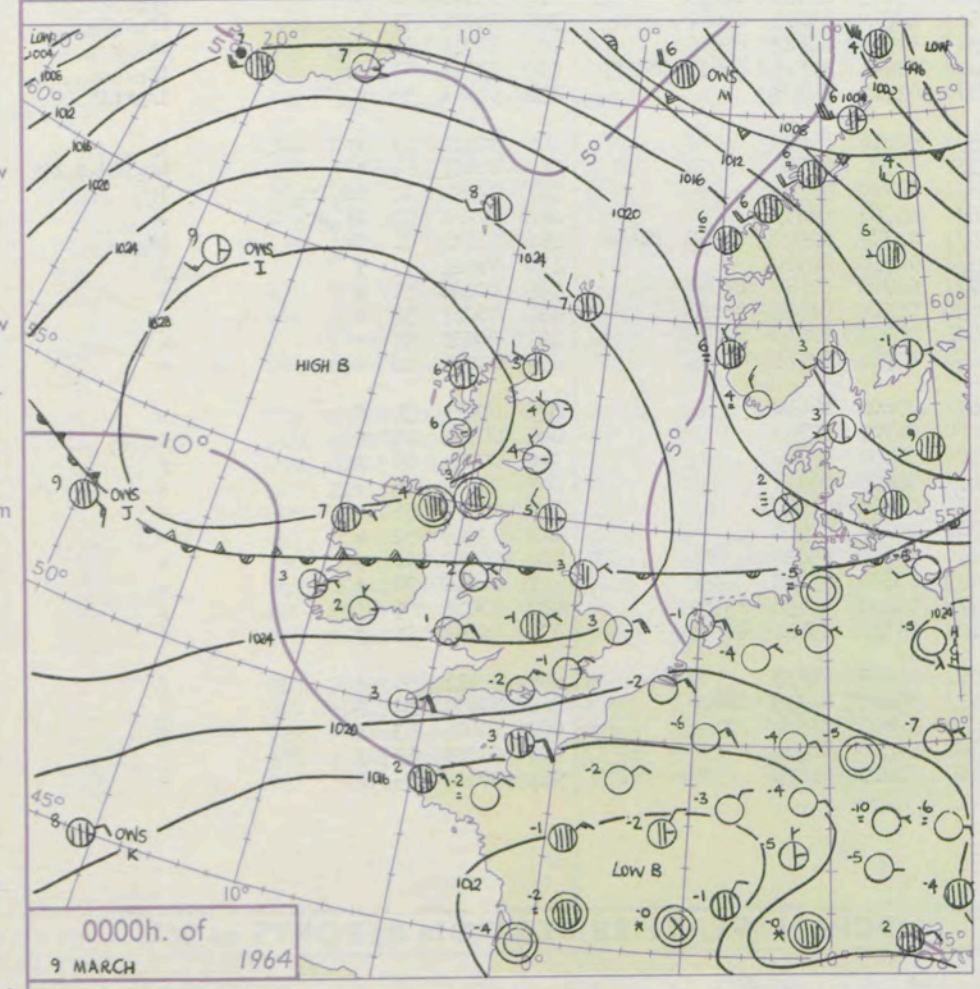
W

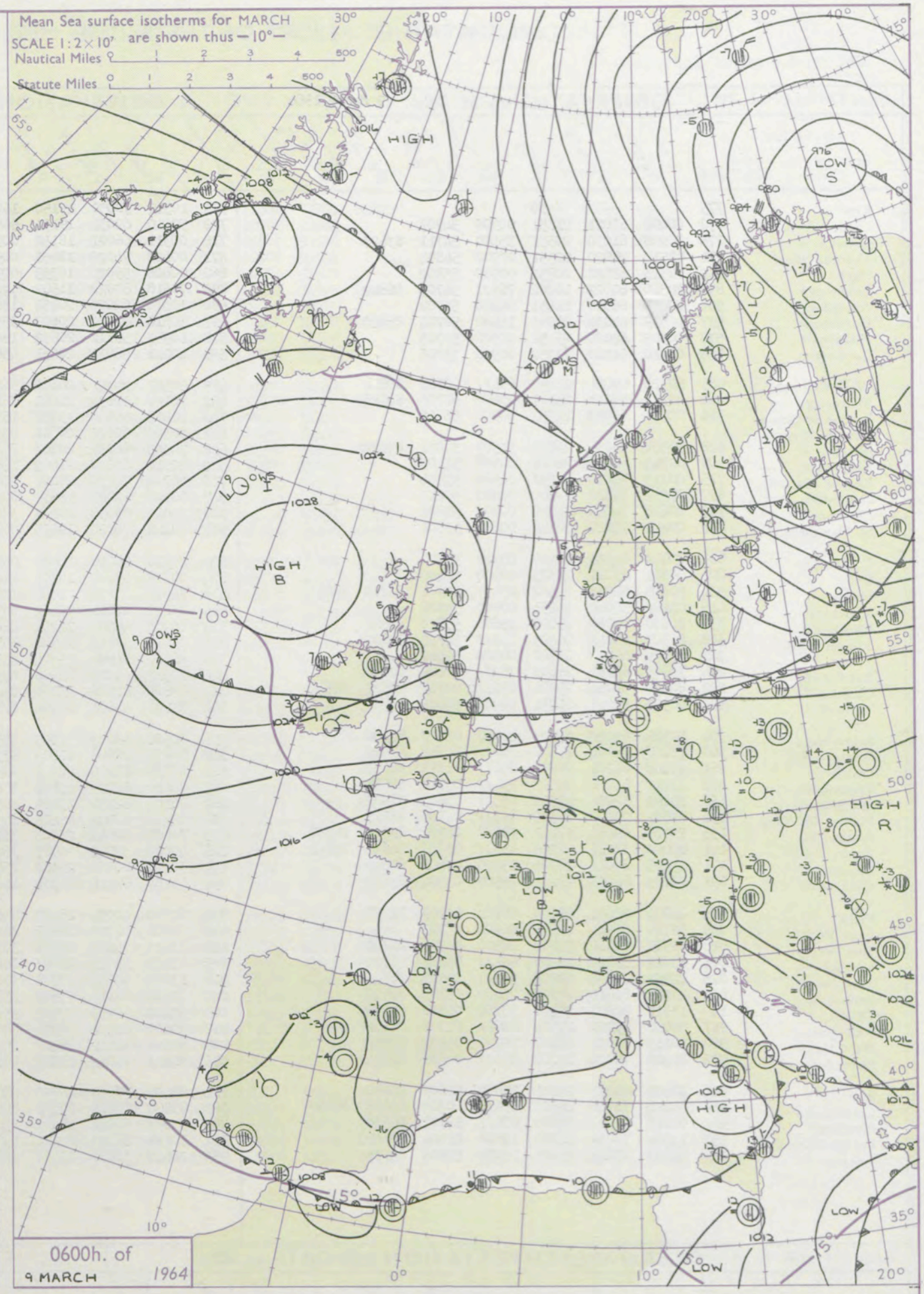
Symbol

For each
half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 9 March 1964

The anticyclone which has been almost stationary to the west of Scotland is expected to move slowly east to near north Scotland during the next 24 hours. Warmer air, which has been moving slowly southeast and south round the eastern flank of the high, has reached all districts as far south as a line from the Wash to central Wales, but further southward penetration of this warmer air will be very slow, and it is expected that the southern counties of England will continue in a cold easterly air stream of continental origin.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Scotland, Northern Ireland and northern England will be dry with sunny intervals and normal temperatures. Eastern England, the Midlands and Wales will be dull and misty, with some fog, and occasional rain or drizzle. Temperatures will be rather below normal. Southern Counties of England will have sunny periods at first but clouds will increase later. Rather cold with slight frost tonight.

OUTLOOK for the following 48 hours.

Mostly dry. Temperatures near normal in the north but probably rather cold in some southern districts.

Code FM 11.A

OBSERVATIONS at 00h. 9 March 1964

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			50					
London Airport	772	00408	61021	21651	00900	54707			
Gatwick	776	30208	61030	20551	35500	54711	83623		
Thorney Island	871	00510	78020	20351	00900	54804			
Hurn	862	00313	62020	20752	00900	55802			
Guernsey	894	70520	60022	16802	785//	54705	86822		
Wattisham	590	00410	66020	22853	00900	54709			
Gorleston	497	10519	64030	24003	15500	50704	81620		
Mildenhall	578	00305	62020	23452	00900	52703			
Cardington	559	00210	61020	23252	00900	53706			
West Raynham	485	60314	69021	23602	654//	00706	86614		
Wittering	462	40314	59011	23901	45400	51706	84616		
Boscombe Down	746	00510	66020	21752	00900	56701			
Ross-on-Wye									
Bristol	628	30509	74030	22851	35500	53801	83620		
Aberporth	502	00715	66020	24001	00900	55102			
Rhoose (Cardiff)	715	00713	74020	22651	00900	53804			
Plymouth	827	00513	59020	20400	00900	53703			
Chivenor	707	00608	74020	21900	00900	54802			
St. Mawgan	817	00414	74020	20951	00900	55801			
Culdrose	809	00612	64010	19950	00900	52704			
Scilly	804	00821	69011	20303	00900	52400			
Elmdon	534	60406	62031	24551	654//	52704	83710	85616	
Shawbury	414	03408	56040	25253	00900	55806			
Manchester	334	20000	48040	25000	25600	53810	82640		
Squires Gate	318	80307	48041	26203	856//	51708	88643		
Valley	302	00505	66010	25702	00900	52400			
Ronaldsway	204	70605	64031	26603	757//	00804	87650		
Carlisle	222	80000	59036	26904	855//	02706	87621	88635	
Watnall	354	00502	56011	24751	00900	53808			
Spurn Head	396	40506	63030	25103	40970	01707	84360		
Finningley	360	73607	56041	25201	757//	51712	87650		
Dishforth	261	83408	61201	25903	856//	01712	88632		
Tynemouth	262	73212	61028	26105	756//	03712	87635		
Eskdalemuir	162	80102	62606	27305	855//	03603	88622		
Mull of Galloway	131	83602	70022	27305	865//	02708	88725		
Prestwick	135	70000	62046	27103	756//	01706	82645	86657	
Renfrew	141	80000	37042	27205	856//	03706	84635	88651	
Leuchars	171	13405	80011	26704	15600	02806	81640		
Dyce	091	13105	66028	27204	15500	03504	81620		
Wick	075	42909	62031	26303	00902	03709	84075		
Cape Wrath	049	02710	66011	27107	00900	05707			
Sule Skerry	010	22909	81011	27108	26500	06703	82720		
Lerwick	005	63011	59022	23307	664//	05801	86711		
Stornoway	026	72902	70032	29006	756//	05706	87649		
Benbecula	022	23208	82011	29206	25600	05709	82645		
Tiree	100	13510	80021	28406	15700	05810	81650		
Aldergrove	917	80000	59051	27604	856//	02705	88641		
Malin Head	980	70113	80031	28507	757//	05607	87656		
Belmullet	976	80509	74022	28207	856//	04806	88644		
Birr	965	20102	66021	27001	25600	52803	82640		
Collinstown	969	80208	74031	26303	856//	00703	85635	88650	
Rineanna	962	60410	66012	26303	656//	52707	86638		
Roches Point	952	13504	74031	24702	15600	01804	81640		
Valentia	953	30607	78021	25403	35600	53606	83638		

OBSERVATIONS at 06h. 9 March 1964

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	10311	70030	19150	16200	52711	81704		
772	50410	62031	19151	56400	52710	85710		
776	00311	66021	18152	00900	56808			
871	00408	74020	18051	00900	55611			
862	00408	59020	18353	00900	55710			
894	70518	60022	14502	785//	54712	86825		
590	10310	62020	20151	15600	52609	81630		
497	30514	62030	20603	35500	02710	83625		
578	10502	56111	20652	15430	53611	81618		
559	40211	58031	20651	45600	51612	84630		
485	60307	20051	20601	5625/	51711	85704	83359	
462	70107	32034	21001	761//	01714	87701		
746	10412	66030	19052	15500	54709	81625		
627	80306	60022	20801	855//	51615	88620		
628	70209	74031	20301	754//	50508	87618		
502	20610	66030	21602	15630	52714	81640		
715	20712	74030	20001	25400	52610	82615		
827	00108	62020	18652	00900	55712			
707	30000	69030	20251	35400	54509	83618		
817	00412	74020	19453	00900	55708			
809	20510	64030	18653	25600	55605	82630		
804	20718	69020	18701	21400	53713	82815		
534	70203	23101	21850	754//	50613	84615	87640	
414	83410	40041	22101	855//	52616	88628		
334	80000	40601	22202	874//	00714	88712		
318	83605	58212	22904	855//	03715	83624	88633	
302	80410	61601	23304	855//	50712	83625	88640	
204	80517	66028	23506	855//	04716	84622	88650	
222	83604	61606	25106	854//	03711	81715	85626	88637
354	80101	48601	21402	873//	01714	88708		
396	80508	48205	21003	855//	02718	88623		
360	83107	22506	21803	873//	02721	88708		
261	80210	23106	22305	863//	04720	88706		
262	83620	61022	23806	856//	05709	88635		
162	80105	62036	25105	885//	02709	82820	83628	88638
131	80910	60026	25405	865//	04710	88720		
135	70000	60042	25703	3573/	02706	83656	87360	
141	40000	32042	26002	35630	01704	81635	83656	
171	30105	80030	25302	25601	01707	82640	83075	
091	43108	80011	25904	45400	03704	82715	83635	
075	62710	40034	25403	656//	03604	86630		
049	23008	74020	26207	26500	06707	82720		
010	33413	74020	25908	36500	06709	83720		
005	63307	59022	22807	664//	05400	86711		
026	13002	62031	27701	15600	01704	81640		
022	13608	82110	27802	15700	02606	81650		
100	50110	66030	27105	55700	05606	85650		
917	80000	62052	25904	856//	03606	83633	88656	
980	80310	78022	26407	3577/	05507	83656	88359	
976	80413	74022	25807	5562/	05712	85641	88458	
965	83601	70022	24700	856//	52609	88637		
969	83604	69205	24104	864//	02610	84718	88628	
962	33607	66021	24401	35600	52605	83635		
952	10109	62020	22601	15600	52608	81640		
953	20612	78030	23003	28500	52613	81820		

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	00513	55 +		+
772	00510	55 +		+
776	00523	56 +		+
871	00523	57 +		+
862	00543	57 +		+
894	00025	00 +		+
590	00533	55 +		+
497	00010	52 +		+
578	00533	57 +		+
559	00521	55 +		jf
485	97531	53 +		+
462	97501	54 f		fffF
746	00533	55 +		+
627	00501	53 +		+
628	00510	57 +		+
502	00500	54 +		+
715	00513	53 +		+
827	00523	56 +		+
707	00511	56 +		+
817	00543	58 +		+
809	00543	55 +		+
804	00000	// +		+
534	00521	54 +		+
414	97531	58 +		$ir_od_or_or_or_o$
334	95511	54 +		$ir_od_or_od_od_o$
318	97501	54 +		ir_o
302	94001	53 +		$ir_or_or_o$
204	91011	53 pr_o		ir_o
222	93031	03 ir_o		ir_o
354	94511	55 +		ir_orrif
396	92031	// +		+
360	01001	54 +		$ir_oiRd_od_orr$
261	92021	01 id_oir_o		ir_o
262	92041	03 ir_opr_o		+
162	95031	01 ir_o		id_o
131	97041	// /		/
135	00020	51 +		+
141	00011	52 +		+
171	00001	53 +		+
091	00031	00 +		+
075	00011	51 f		+
049	00061	04 +		+
010	00071	05 /		/
005	00061	04 +		+
026	00511	56 +		+
022	97020	52 +		+
100	00040	01 +		+
917	00010	00 +		+
980	97071	05 /		/
976	00061	05 /		/
965	97011	56 /		/
969	97031	51 /		/
962	00001	53 /		/
952	97001	53 /		/
953	9701/	55 /		/

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	$N_hC_hC_MC_H$	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	20619	33000	81837	96216	99908	6732/	41813	86707	/////	00306	16852	1////
B	20565	51000	51704	97858	04952	52400	00102	85810	/////	06053	13522	1////
C	20527	35500	81530	97618	07909	8052/	00500	88525	/////	00407	11547	1////
D	20440	41000	23018	98018	11808	22500	00205	82820	/////	06301	13346	1////
I	20590	18700	32016	97022	28209	25630	00500	82650	/////	05205	12033	12855
J	20525	20200	61117	99038	26809	656//	00603	86640	/////	05400	11123	11333
K	20452	15500	70412	97032	17908	756//	00400	87640	/////	05803	10746	10455
M	23660	02000	83020	97026	09806	885//	00226	/////	/////	05302	12978	1////

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20618	33006	82430	97026	04304	6542/	51337	86610	/////	05202	12442	16942
B	20565	51006	83306	97858	03251	824//	00712	88815	/////	05954	14912	1////
C	20527	35506	81425	98026	05408	855//	00714	88625	/////	00306	11458	1////
D	20440	41006	42112	98021	04008	42500	00744	84820	/////	06401	13346	1////
I	20589	19106	11914	98018	27009	18500	51605	81820	/////	05151	11932	12645
J	20524	20006	81115	99026	24009	856//	00824	88630	/////	05301	11122	11533
K	20452	15606	70606	97032	16009	756//	00706	87640	/////	05702	10746	10455
M	23660	02006	63016	97022	14604	68500	00224	/////	/////	05600	13056	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37364 — Date of Issue Tuesday 10 March 1964

OBSERVATIONS at 12h. 9 March 1964

Code FM 11.A

ERSION BLE ° °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
104	Kew	775	50620	63031	16606	5253/	54711	85820		
102	London Airport	772	40622	69021	16706	41640	52811	84830		
100	Gatwick	776	10522	71020	16205	11570	59612	81825		
99	Thorney Island	871	50713	82031	15606	50930	55713	85365		
97	Hurn	862	20713	83030	15907	11530	61715	81825		
95	Guernsey	894	70616	61028	13702	7857/	53807	86822		
93	Wattisham	590	30615	80030	17607	38400	53614	82815		
91	Gorleston	497	10310	64011	18804	10940	01716	81360		
90	Mildenhall	578	20712	80021	17708	11540	00720	81820		
88	Cardington	559	70314	69031	17907	785//	01621	82820	87656	
86	West Raynham	485	30414	78011	18407	38400	02818	81815		
84	Wittering	462	80408	15104	19004	861//	03713	88701		
82	Boscombe Down	746	40619	80030	16306	31530	54712	83825		
81	Ross-on-Wye	627	70309	48052	18006	785//	00719	82825	87635	
79	Bristol	628	40516	66030	17206	48500	00717	83824	84656	
77	Aberporth	502	60410	61021	19106	654//	03820	82715	86640	
75	Rhoose (Cardiff)	715	40616	62030	17207	48502	00610	83820		
73	Plymouth	827	60615	74031	16505	11509	57716	81820	86170	
72	Chivenor	707	40713	66030	17807	48500	52807	84820		
70	St. Mawgan	817	40518	82020	17504	11506	55712	81820	84272	
68	Culdrose	809	60714	80021	16904	11508	55809	81820	83070	
66	Scilly	804	50816	81031	17803	31402	51809	83815	84075	
64	Elmdon	534	80210	08422	19103	862//	02714	85703	88707	
63	Shawbury	414	80307	26216	19405	863//	04817	84706	88710	
61	Manchester	334	80707	56615	20106	853//	04709	84708	86712	88620
59	Squires Gate	318	80705	40216	21107	854//	05809	85615	88625	
57	Valley	302	80418	61216	20707	5567/	04818	85630	88460	
55	Ronaldsway	204	80424	74022	22008	2547/	03810	81716	86361	88465
54	Carlisle	222	80615	66606	23407	855//	04609	83620	84630	88650
52	Watnall	354	80612	14286	19205	861//	05711	88702		
50	Spurn Head	396	80508	03444	20506	863//	06702	88708		
48	Finningley	360	80310	48046	20007	863//	06710	85706	88710	
46	Dishforth	261	80411	62212	21207	7542/	05809	84613	85640	88460
45	Tynemouth	262	80219	58022	22406	855//	06613	88625		
43	Eskdalemuir	162	70310	74035	23307	784//	02710	83818	83632	87648
41	Mull of Galloway	131	80512	60026	24008	856//	03710	88630		
39	Prestwick	135	70311	60042	24109	1853/	01710	81825	87360	
37	Renfrew	141	70409	61032	24410	755//	01711	81620	84635	87650
36	Leuchars	171	70210	62021	23909	58431	05713	81715	83825	85645
34	Dyce	091	73414	62258	24509	684/1	05709	83815	84645	
32	Wick	075	63515	69031	25309	5243/	05803	85815	83360	
30	Cape Wrath	049	43005	66011	26208	38540	06704	83825	84360	
28	Sule Skerry	010	23409	81010	26209	25500	05400	82620		
27	Lerwick	005	73416	66031	23309	784//	05801	85816	86635	
25	Stornoway	026	73407	80251	27409	785//	05708	81825	87645	
23	Benbecula	022	70214	80021	27109	785//	06606	81821	87656	
21	Tiree	100	70207	62031	26408	754//	06605	81712	87650	
19	Aldergrove	917	70616	62052	24408	75632	03808	81640	87656	
18	Malin Head	980	70212	80032	25308	6853/	05708	81824	86656	87360
16	Belmullet	976	80611	70605	24908	865//	05707	84720	88640	
14	Birr	965	80304	61606	22706	7741/	05715	87713	88465	
12	Collinstown	969	80416	61026	22207	864//	03712	88638		
10	Rineanna	962	83506	58606	22905	6542/	03812	82714	85620	88465
9	Roches Point	952	83612	66606	21305	864//	02713	87618	88634	
7	Valentia	953	70309	75051	22306	78600	51805	82830	87645	

OBSERVATIONS at 18h. 9 March 1964

iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_d app.	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
775	10715	56020	14505	15500	58302	81625		
772	20720	62030	14006	20930	55507	82360		
776	30611	74030	13803	30950	54501	83365		
871	61007	70031	13603	6097/	51102	83462	84365	
862	30910	69010	13205	30939	57302	83367		
894	70910	56052	11802	6857/	53502	84822	86630	
590	10511	75010	15303	15600	51808	81645		
497	80612	62031	16504	855//	02710	88620		
578	50409	69011	15605	55400	01605	81710	84635	
559	50710	70031	15205	58500	51507	82825	84640	
485	80616	56031	16504	862//	03606	83705	88707	
462	70514	56032	16405	751//	04604	86702	87630	
746	30715	74020	13405	30930	59502	83360		
627	30507	48051	14705	38500	03606	82825		
628	30209	66010	13505	34600	02612	83635		
502	80903	40026	15505	855//	04711	84720	88645	
715	10515	37051	13505	14600	02613	81630		
827	50905	69011	12605	25639	52507	82630	83359	
707	50506	48021	13806	12630	01611	81835	84360	
817	60412	66011	12805	35632	52611	83630	86364	
809	60000	80031	12705	48430	54613	81818	84625	
804	70515	69022	13006	58402	01723	84814	86075	
534	70510	56044	15706	754//	03612	83712	87635	
414	80105	40606	16305	854//	03609	83614	85620	88630
334	80306	32506	17005	854//	03605	83715	86620	88650
318	70614	48046	17907	6567/	03612	81630	86640	87360
302	80314	61022	17607	5567/	03609	82635	84645	88460
204	80617	74026	19207	855//	02607	82625	88640	
222	70710	59806	20407	7843/	04611	81715	84625	87635
354	80610	58026	16305	853//	04606	85707	88630	
396	90508	02474	17505	9////	05709	89/01		
360	80511	29046	17706	862//	05609	83704	86707	88710
261	80308	61256	18806	884//	05608	83818	83628	88650
262	80214	48102	19906	855//	06611	88625		
162	70506	70032	20705	783//	03609	81708	84820	87632
131	81410	60022	21006	856//	04714	88630		
135	70204	58042	20808	756//	03612	83630	87650	
141	70408	40042	21209	756//	01612	81630	87640	
171	80512	66022	21407	884//	05609	81712	85820	88645
091	43606	62031	22607	46401	05602	84710		
075	13608	69011	23606	00901	04505	81075		
049	73405	82606	24507	755//	04705	87625		
010	73409	66801	25008	5357/	06706	85920	87360	
005	73610	66252	22307	784//	06503	81815	87638	
026	70110	82022	25108	756//	03608	87645		
022	70512	82028	24508	757//	02615	87650		
100	70212	74012	23008	6567/	04713	82640	86656	
917	80307	62052	20807	856//	02615	83640	88650	
980	80117	74022	22207	856//	05612	88636		
976	70309	74026	21007	6657/	05714	83720	86645	87359
965	70308	74022	19007	5857/	02712	8382	85640	87461
969	80411	62026	18607	7557/	03714	81620	87638	88459
962	70511	66216	18107	5567/	03718	82630	85656	87358
952	80309	56616	16806	864//	04616	87712	88630	
953	73305	62808	17706	784//	04719	81717	86824	87650

OBSERVATIONS during DAY

iii	RRT T_xT_E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	00070	101	+	+
772	00080	096	+	+
776	00061	095	+	+
871	00071	070	+	+
862	00090	///	+	+
894	97045	008	pr_0s_0	$pr_0s_0i_0s_0$
590	00070	///	+	+
497	00060	078	+	+
578	00091	061	+	+
559	00081	030	+	+
485	00081	041	+	+
462	00071	002	FF	+
746	00080	096	+	+
627	00071	020	+	+
628	00080	040	+	+
502	97071	035	ir_0	ir_0
715	00090	080	+	+
827	00070	073	+	+
707	00091	090	+	+
817	00070	075	+	+
809	00070	081	+	+
804	00060	078	+	+
534	00060	000	ff	+
414	91071	000	$r_0r_0d_0r_0ir_0$	ir_0
334	02061	000	$d_0d_0r_0r_0$	$ir_0i_0d_0$
318	92071	000	$r_0r_0ir_0$	+
302	92081	000	r_0r_0	+
204	97091	002	+	ir_0
222	92081	000	ir_0	$ir_0r_0r_0pr_0$
354	94071	000	Fff	ir_0
396	97051	000	ff	ffFF
360	95071	000	$ir_0ir_0d_0r_0i_0d_0$	d_0r_0
261	94071	000	ir_0	pr
262	00061	000	+	+
162	92081	003	i_0d_0	pr_0
131	97081	///	/	/
135	92101	024	+	r_0
141	00111	005	+	+
171	00101	010	+	+
091	97101	013	pr_0	+
075	00101	067	+	+
049	97091	///	+	ir_0
010	97100	///	/	/
005	92091	026	pr_0	pr_0
026	97101	020	pr_0	+
022	91101	012	pr_0	+
100	00090	030	+	+
917	00090	001	+	+
980	0008/	008	/	/
976	9709/	001	/	/
965	9408/	000	/	/
969	9407/	000	/	/
962	9409/	000	/	/
952	0106/	009	/	/
953	9707/	007	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	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	20620	33012	82114	97022	08404	4552/	00210	84620	88465	05301	12143	11948
B	20565	51012	80609	97858	02900	52470	00400	85812	/////	05752	10822	1////
C	20527	35512	81430	97022	07009	10937	00317	81458	882//	00406	11357	1////
D	20440	41012	82933	97618	99707	6242/	00712	86815	88525	06605	13146	1////
I	20590	18912	81912	98011	27809	885//	00001	81820	88640	05102	11932	12745
J	20525	20112	70810	99022	23409	785//	00703	81820	87650	05305	10822	11033
K	20452	15912	50216	98012	15608	59500	00709	81926	83830	05802	10744	10453
M	23660	02012	82714	97022	16305	855//	00103	/////	/////	05403	12744	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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33018	81917	96605	07807	7742/	00503	87710	/////	00206	11920	11948
B	20565	51018	81718	97268	00302	52408	00612	85815	832//	05200	11534	1////
C	20527	35518	21222	97018	06108	20930	00805	82359	/////	00306	11357	1////
D	20440	41018	62930	97026	00306	62500	00400	86820	/////	06852	13147	1////
I	20591	18818	72110	97022	26509	6854/	00604	81825	86650	05104	12132	149/4
J	20524	20218	70710	99022	19409	5857/	00619	82820	84650	05305	10722	11033
K	20451	16018	30604	98028	12208	38500	00716	82816	/////	05801	10743	10453
M	23660	02018	72716	97022	15107	75500	00709	/////	/////	05004	12734	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

CIVIL TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000

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

1200h. of
9 MARCH 1964

Explanation of symbols

CLOUD

Symbol

WEATHER

Symbol

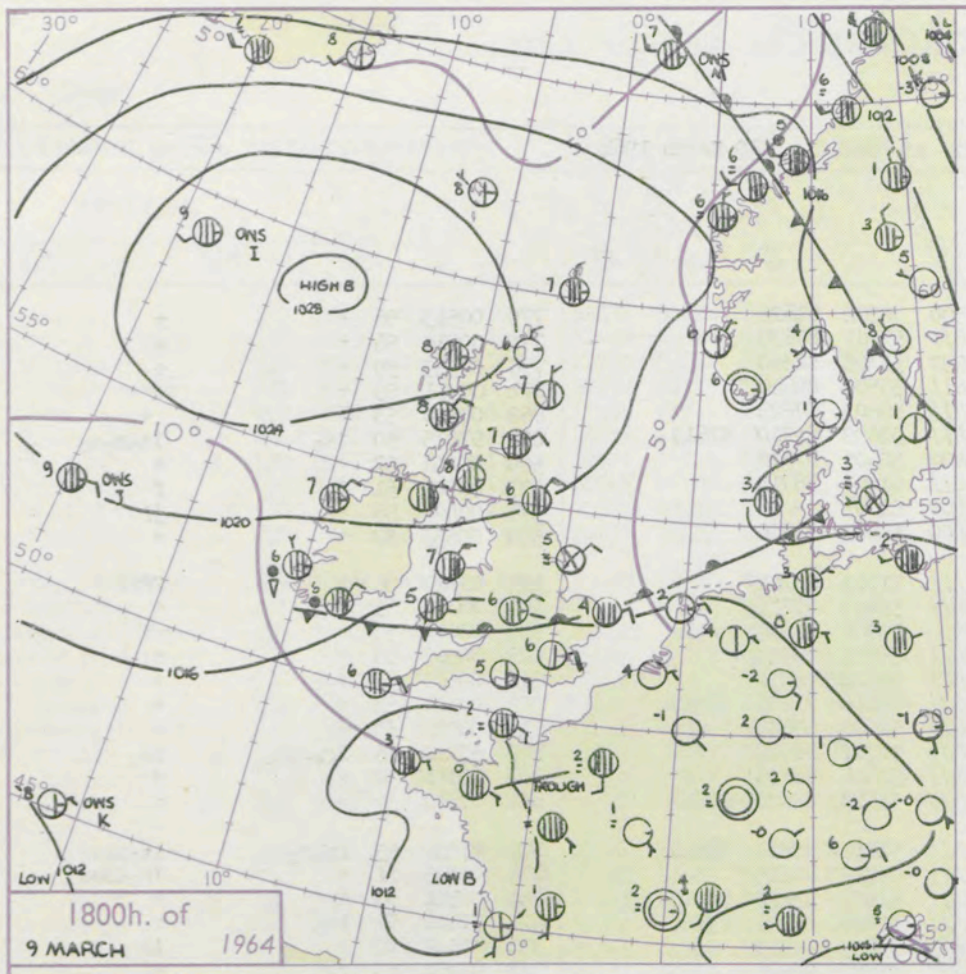
Mist
Fog
Drizzle
Rain
Rain
Rain
Snow
Rain
Rain
Snow
Hail
Thunderstorm

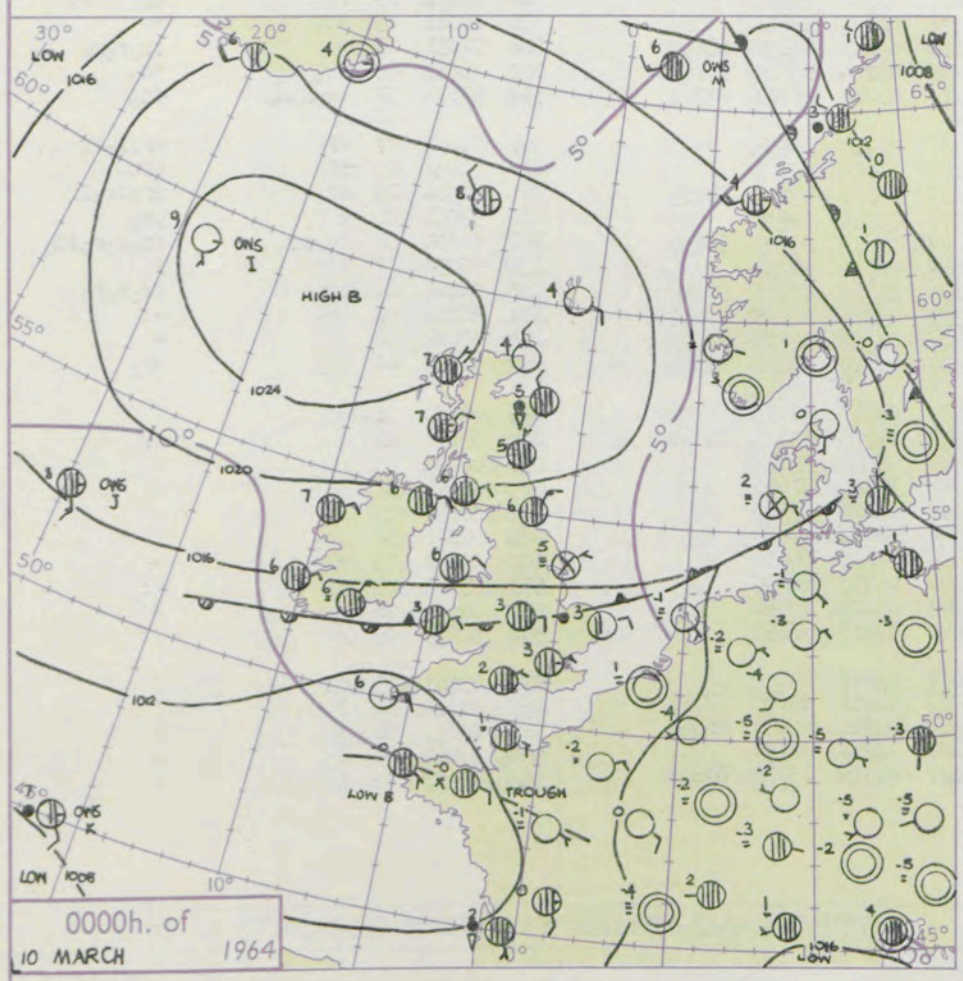
WIND

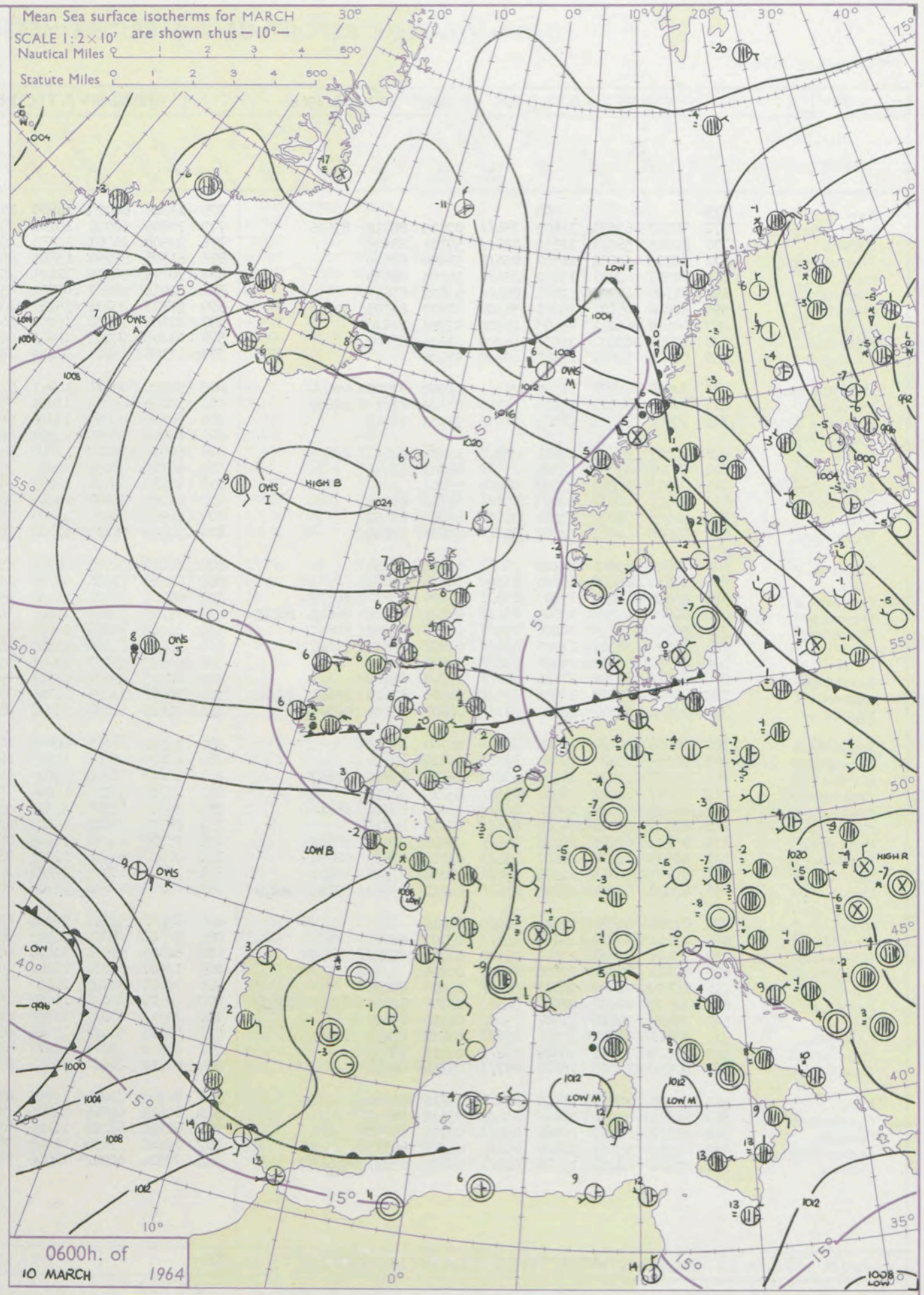
Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Tuesday 10 March** 1964

The anticyclone west of Scotland has drifted slowly northwards, declining a little. A shallow depression over west France has drifted slowly northwest, deepening a little. A trough over central England and Wales has been almost stationary but is now beginning to move slowly north. The high will drift slowly eastwards to north of Scotland. The low over northwest France will become absorbed in the circulation of a deepening depression moving east from the Azores, and as the southeasterly flow increases over England and Wales, the slow moving front will move northwards over Scotland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Scotland and Northern Ireland will be cloudy with rain or drizzle in places. Occasional rain over Northern England will move slowly north with bright intervals later. Central, east and southeast England will have sunny periods. Wales and southwest England will have outbreaks of rain or snow. Temperatures near normal in the north, rather cold in the south with some night frost.

OUTLOOK for following 24 hours

Mostly dry in the north and east. Further rain or snow probable in the southwest. Temperatures generally rather below normal.

Code FM 11.A

OBSERVATIONS at 00h. 10 March 1964

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			05					
London Airport	772	70707	61031	14403	754//	00805	85712	87616	
Gatwick	776	80805	56021	14650	856//	52701	88635		
Thorney Island	871	80705	58032	14302	856//	51400	88630		
Hurn	862	80507	62021	13602	856//	54703	88630		
Guernsey	894	81109	48708	12001	854//	53802	87617		
Wattisham	590	50608	48101	15601	56300	01803	82708	85710	
Gorleston	497	40610	62011	15603	45500	02708	81620		
Mildenhall	578	40705	62031	15802	46300	01603	84708		
Cardington	559	00508	56021	15951	00900	51400			
West Raynham	485	70907	64032	16302	753//	01502	85709	87645	
Wittering	462	50707	56012	15803	55400	01809	81711	85650	
Boscombe Down	746	70808	66021	14101	7097/	53703	87360		
Ross-on-Wye									
Bristol	628	60609	58021	14201	35706	52000	83656	85275	
Aberporth	502	80707	48051	14303	857//	01707	88656		
Rhoose (Cardiff)	715	00913	62020	13402	00900	53801			
Plymouth	827	80709	48031	12003	855//	51710	88623		
Chivenor	707	30905	56031	13202	30930	51005	83359		
St. Mawgan	817	80904	61021	12302	857//	51606	88656		
Culdrose	809	70609	63021	11203	756//	51511	87638		
Scilly	804	10816	64021	10906	15500	02711	81625		
Elmdon	534	80910	63022	15503	854//	01400	83612	88615	
Shawbury	414	80506	40046	15504	854//	03608	83712	86615	88625
Manchester	334	80607	56046	16006	855//	02710	83622	88647	
Squires Gate	318	80607	56042	17005	855//	04707	82622	88646	
Valley	302	80510	59022	16106	856//	03811	88640		
Ronaldsway	204	80517	66022	17506	857//	03707	88650		
Carlisle	222	70000	59018	19505	5553/	04608	82620	85645	86360
Watnall	354	80810	14506	15804	871//	04605	84702	88705	
Spurn Head	396	90506	F4454	16505	9////	05709	89///		
Finningley	360	90509	09472	16705	9////	05710	89/01		
Dishforth	261	80307	58038	17405	856//	05710	85636	88647	
Tynemouth	262	80317	61022	18506	855//	05710	88625		
Eskdalemuir	162	80506	62038	19804	864//	03607	86711	88716	
Mull of Galloway	131	80712	63022	19706	874//	03706	88716		
Prestwick	135	80703	62216	20106	855//	05604	82620	88646	
Renfrew	141	80905	62032	20607	856//	03706	83635	88650	
Leuchars	171	83607	66031	20205	854//	04708	83716	88621	
Dyce	091	83408	62801	21205	884//	04711	83710	85813	88622
Wick	075	03508	66020	22404	00900	04810			
Cape Wrath	049	63612	83012	23207	655//	03707	86625		
Sule Skerry	010	23405	81021	23907	25500	04705	82620		
Lerwick	005	00111	66021	22104	00900	03706			
Stornoway	026	80107	74022	24107	856//	04809	88639		
Benbecula	022	70509	80032	23406	785//	05708	82825	83635	87637
Tiree	100	70310	74012	21707	756//	04710	87647		
Aldergrove	917	80611	64022	19006	856//	03710	83633	88650	
Malin Head	980	80415	74022	20007	858//	04712	88057		
Belmullet	976	80510	74022	18807	857//	05714	88650		
Birr	965	80409	70026	16605	856//	03716	88640		
Collinstown	969	80611	74026	17806	856//	03612	88640		
Rineanna	962	80412	62022	16006	856//	03719	88640		
Roches Point	952	80313	59106	14406	864//	04716	88717		
Valentia	953	80408	62026	15106	864//	02618	85717	88645	

OBSERVATIONS at 06h. 10 March 1964

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	11005	60021	14400	15500	52702	81625		
London Airport	772	70805	50031	14201	756//	51701	87630		
Gatwick	776	20504	26101	14053	20930	53703	82360		
Thorney Island	871	81306	59052	13601	856//	53500	88630		
Hurn	862	70705	56012	12401	755//	52603	87623		
Guernsey	894	81014	40687	09901	854//	52609	84710	87613	
Wattisham	590	21703	23101	15151	26400	52605	82712		
Gorleston	497	82101	14284	15202	864//	01606	88715		
Mildenhall	578	01203	23401	14951	00900	52503			
Cardington	559	11106	19101	14652	16400	53503	81710		
West Raynham	485	91206	02471	14951	9////	51703	89/01		
Wittering	462	70405	48031	11601	754//	51607	87615		
Boscombe Down	746	50809	58052	13151	2563/	53706	82645	84362	
Ross-on-Wye	627	80802	48051	13301	864//	51610	88715		
Bristol	628	80606	58022	12800	856//	51504	88632		
Aberporth	502	61110	59031	12601	1567/	53606	81630	86359	
Rhoose (Cardiff)	715	70912	56031	12001	756//	51606	87635		
Plymouth	827	81009	58027	10302	855//	52707	88624		
Chivenor	707	80905	48021	11602	855//	52606	88625		
St. Mawgan	817	70608	58012	10201	755//	51608	82620	87644	
Culdrose	809	80812	50777	08502	854//	51714	83710	88618	
Scilly	804	81118	61216	08103	854//	00715	88615		
Elmdon	534	80504	58031	14650	854//	52605	83612	88615	
Shawbury	414	71107	37046	14002	755//	00609	85620	87650	
Manchester	334	61105	62216	13804	6541/2	03605	86619		
Squires Gate	318	80611	66026	14205	856//	03712	88641		
Valley	302	60505	59012	13205	656//	04714	88640		
Ronaldsway	204	80515	69026	14705	856//	03613	83630	88640	
Carlisle	222	70608	61016	16705	755//	03716	85625	87645	
Watnall	354	71106	48035	14301	762//	01708	86703	87712	
Spurn Head	396	81505	06426	14804	863//	04709	88708		
Finningley	360	80000	07505	14505	860//	05608	88701		
Dishforth	261	80805	58608	14905	853//	05611	83708	88613	
Tynemouth	262	70316	61022	15806	756//	05715	87630		
Eskdalemuir	162	80505	58508	16304	853//	03613	85709	88630	
Mull of Galloway	131	80714	74022	15805	874//	02721	88718		
Prestwick	135	73607	64216	16405	754//	04620	83717	87630	
Renfrew	141	70607	66026	17006	755//	03716	84628	87647	
Leuchars	171	70308	60032	17404	754//	04712	85714	87637	
Dyce	091	80203	62038	18706	885//	04710	85822	87640	
Wick	075	63608	59101	20305	656//	04712	86635		
Cape Wrath	049	50505	86026	20507	3553/	07705	83625	84360	
Sule Skerry	010	60505	81031	21208	655//	02715	86620		
Lerwick	005	13407	66030	20701	15500	51605	81625		
Stornoway	026	70609	74022	21407	756//	02615	87643		
Benbecula	022	10410	80018	20603	15501	02813	81625		
Tiree	100	70313	66012	18706	6573/	03615	86650		
Aldergrove	917	80611	64022	16106	857//	04713	88650		
Malin Head	980	80515	78022	17207	858//	04613	88656		
Belmullet	976	80712	74022	15106	857//	03716	88650		
Birr	965	80307	70022	13105	856//	03718	88642		
Collinstown	969	80615	48505	13706	863//	04712	83709	88716	
Rineanna	962	80510	66022	12705	856//	03714	84630	88656	
Roches Point	952	80413	59606	11005	864//	02717	88717		
Valentia	953	70514	62022	11006	754//	03719	83715	87645	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	00513	56	+	+
772	00510	54	+	+
776	00533	59	+	+
871	00511	55	+	+
862	00500	53	+	+
894	97015	50	is_o	$is_oP_os_o$
590	00521	57	+	+
497	00500	51	f	f
578	00521	56	+	jf
559	00533	57	+	+
485	00511	56	+	FFff
462	00001	55	+	+
746	00510	53	+	+
627	00501	53	+	+
628	00510	54	+	+
502	00011	53	+	+
715	00010	50	+	+
827	97011	55	$ir_or_os_o$	ps_o
707	00011	52	+	+
817	00510	52	+	+
809	97020	03	$ir_or_or_o$	is_oprs
804	01005	//	+	ir_oRSps
534	00501	53	+	+
414	97011	51	ir_o	+
334	01041	02	+	iR
318	97051	03	r_o	r_o
302	00041	03	+	+
204	97051	04	+	$ir_or_or_o$
222	91051	03	ir_o	id_o
354	97011	51	$ir_od_od_o$	id_o
396	91031	//	FF	$FFir_off$
360	91031	03	ff	ffd_o
261	94051	05	pr_o	pr_oir_oir
262	97051	04	+	pr_o
162	94031	02	id_opr_o	$ir_or_or_oid_o$
131	97051	//	/	/
135	94041	04	ir_o	$ir_or_or_o$
141	97061	03	ir_o	+
171	00021	50	+	+
091	91031	01	pr_o	pr_o
075	00021	51	+	+
049	97061	04	+	ir_o
010	00070	05	/	/
005	00011	51	+	+
026	00051	03	+	+
022	97010	52	pr_o	+
100	00060	03	+	+
917	97051	05	+	ir_o
980	00071	06	/	/
976	00071	05	/	/
965	97041	03	/	/
969	91041	04	/	/
962	00041	04	/	/
952	97041	03	/	/
953	97051	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_HW_W$	$Id_wd_wP_HW_W$
A	30621	33000	81825	96022	08607	854//	00206	88610	/////	00305	11845	11447
B	30565	51000	71827	97028	98101	72400	00712	87815	/////	05451	11636	1////
C	30527	35500	11226	98021	06208	00901	00803	810//	/////	00305	11247	1////
D	30441	41000	83140	97808	02806	824//	00219	88815	/////	06802	13049	1////
I	30591	18800	11605	97018	25809	15600	00711	81630	/////	05201	100/0	149/3
J	30524	20400	71216	98038	16608	785//	00817	83825	86650	05405	11123	12304
K	30452	16100	51210	97626	09407	58500	00720	82826	84640	06103	11243	10743
M	33660	02000	82516	97022	13506	874//	00712	/////	/////	05104	12534	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_HW_W$	$Id_wd_wP_HW_W$
A	30623	33006	81823	96022	07707	854//	00503	88610	/////	00305	11845	11447
B	30565	51006	63139	97858	00053	65400	00134	86615	/////	06254	17941	1////
C	30527	35506	01318	98020	04907	00900	00710	/////	/////	00105	11236	1////
D	30440	41006	83134	97028	05107	824//	00203	88815	/////	06602	13049	1////
I	30589	18906	61312	98011	23009	35602	41715	83630	86075	05203	11333	149/4
J	30524	19906	80910	98818	13208	856//	00720	88635	/////	05605	11123	11234
K	30452	16206	31013	97030	04409	38500	00726	82826	83637	05703	11243	10743
M	33600	02006	22722	98012	09806	21500	00722	/////	/////	05003	12734	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37365

Date of Issue Wednesday 11 March 1964

Code FM 11.A — OBSERVATIONS at 12h. — 10 March 1964

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	11210	56020	14406	11500	55808	81820		
London Airport	772	01210	59011	14507	00900	53705			
Gatwick	776	21011	58030	14107	21600	51708	82830		
Thorney Island	871	21015	56051	13206	21500	01709	82820		
Hurn	862	51114	58051	12206	58500	51709	85828		
Guernsey	894	81115	40687	09302	853//	01706	82708	86710	88620
Wattisham	590	12108	56020	16105	00901	53203	81080		
Gorleston	497	31607	40051	16505	35500	00102	83625		
Mildenhall	578	11902	56021	15706	00901	51802	81075		
Cardington	559	01405	56050	15106	00900	53803			
West Raynham	485	12008	40054	15906	11501	51400	81828		
Wittering	462	21608	48041	15705	21500	51400	82822		
Boscombe Down	746	61114	62031	13005	61600	53707	86830		
Ross-on-Wye	627	11008	57020	13205	11500	54807	81825		
Bristol	628	40710	37051	12506	45500	52805	81627		
Aberporth	502	11015	50051	12005	18500	51707	81825		
Rhoose (Cardiff)	715	01016	48050	12005	00900	52806			
Plymouth	827	61012	58038	08805	62500	50714	86825		
Chivenor	707	40916	59031	11006	41500	52706	84828		
St. Mawgan	817	60916	58037	08405	68500	51709	82820	84625	
Culdrose	809	81219	48268	07503	834//	01806	85710	88919	
Scilly	804	70919	40237	06503	733//	02813	82707	86915	
Elmdon	534	31207	48041	14504	21502	53802	82820		
Shawbury	414	71304	35042	14403	754//	50804	82716	87625	
Manchester	334	51603	58026	13907	21602	50802	82830	85075	
Squires Gate	318	80000	32616	14605	854//	03001	83710	88621	
Valley	302	70815	66012	12709	12502	00809	81822	87070	
Ronaldsway	204	80816	62606	14405	853//	01802	83707	84712	88630
Carlisle	222	70710	64808	15907	734//	05708	81710	85820	81918
Watnall	354	31802	26041	14705	31400	01803	83818		
Spurn Head	396	61208	48054	15606	25506	04004	82625	86270	
Finningley	360	61708	58025	15207	00902	00803	86075		
Dishforth	261	70902	61032	14607	753//	05804	85709	87635	
Tynemouth	262	83609	61025	15306	855//	05603	88625		
Eskdalemuir	162	80608	58808	15505	884//	04804	82710	86815	88625
Mull of Galloway	131	50912	74012	15306	515//	05705	85825		
Prestwick	135	80514	69032	15707	884//	04607	81715	86825	87640
Renfrew	141	80811	50606	16706	854//	04804	83712	86625	87645
Leuchars	171	80413	58502	16707	872//	05604	81705	85706	88710
Dyce	091	80610	62602	18106	854//	04705	82714	88620	
Wick	075	50414	82011	19708	55600	03709	85630		
Cape Wrath	019	60902	83022	20007	616//	04703	86830		
Sule Skerry	010	60309	82022	21108	4553/	04201	81625	86360	
Lerwick	005	53106	80011	19807	58500	04707	82822	84635	
Stornoway	026	10614	82011	20209	12500	03709	81822		
Benbecula	022	60712	82031	18608	58501	03715	81825	85656	
Tiree	100	70515	80012	17108	785//	03809	81822	83629	87647
Aldergrove	917	70914	70216	15007	784//	04808	81715	84822	87640
Malin Head	980	80517	82606	15807	854//	04808	83718	88650	
Belmullet	976	80813	78216	13107	6647/	03818	85719	86639	88459
Birr	965	70709	74035	11707	785//	03706	85820	87640	
Collinstown	969	70915	66026	12507	48502	03806	83820	84635	87070
Rineanna	962	81014	69802	10906	885//	01711	86820	88635	
Roches Point	952	70817	40058	10106	784//	00707	87818		
Valentia	953	70607	62018	09606	785//	02708	83823	87635	

OBSERVATIONS at 18h. — 10 March 1964

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	41310	56020	12906	40930	55601	84360		
London Airport	772	41111	60011	12706	25730	53702	82650	83359	
Gatwick	776	61012	58021	13305	656//	52500	86645		
Thorney Island	871	71810	56051	12205	755//	02301	82720	87630	
Hurn	862	71312	59216	11205	785//	01301	81820	83630	85656
Guernsey	894	51215	60031	08604	45442	01301	81715	83650	
Wattisham	590	11007	40020	15003	00901	54500	81080		
Gorleston	497	11709	56050	15304	10940	50603	81360		
Mildenhall	578	01105	58020	14304	00900	52500			
Cardington	559	00910	59020	13704	00900	53500			
West Raynham	485	21506	56030	14603	00901	53502	82075		
Wittering	462	21107	56040	14205	00901	52601	82075		
Boscombe Down	746	81220	50602	11404	855//	51502	83628	88638	
Ross-on-Wye	627	71109	60021	11006	756//	53604	87630		
Bristol	628	71112	58028	10905	785//	51500	83825	87645	
Aberporth	502	30810	56050	09505	11530	51606	81825	83362	
Rhoose (Cardiff)	715	81213	57251	09805	885//	50605	83825	88630	
Plymouth	827	71113	58017	07704	7841/	01500	81712	86640	85465
Chivenor	707	71014	59258	08604	6243/	01501	85814	85625	
St. Mawgan	817	81012	62808	06404	884//	01503	82710	81815	88625
Culdrose	809	61315	58058	05504	634//	00606	81710	83917	85818
Scilly	804	81225	48818	03005	863//	03714	88706		
Elmdon	534	01106	37050	12505	00900	53604			
Shawbury	414	00805	44041	12304	00900	51301			
Manchester	334	41505	37041	12406	00902	54400	84070		
Squires Gate	318	60000	20046	12304	11509	03505	81825	86173	
Valley	302	50507	40042	11506	00902	01500	85073		
Ronaldsway	204	50708	58036	12105	26409	03607	82712	85170	
Carlisle	222	70507	66028	13707	785//	04605	82823	87642	
Watnall	354	21205	32040	13604	00901	52302	82078		
Spurn Head	396	61410	20052	14404	00909	02101	86170		
Finningley	360	71308	48042	14005	00902	50501	87075		
Dishforth	261	41107	40101	13805	30932	04301	83368		
Tynemouth	262	80802	61022	13805	885//	05602	83820	88630	
Eskdalemuir	162	70606	66208	14004	784//	03605	82710	83820	87630
Mull of Galloway	131	51408	78011	13205	38509	04707	81820	83630	
Prestwick	135	70613	62258	13106	68439	04605	81718	86640	
Renfrew	141	70912	34808	14306	784//	04607	82715	84818	87627
Leuchars	171	80511	62026	14705	853//	04603	83707	88615	
Dyce	091	80505	56206	16305	853//	03707	81708	86712	88620
Wick	075	10508	80021	18205	15600	04702	81635		
Cape Wrath	019	60505	83022	17907	685//	03706	85825	86630	
Sule Skerry	010	80509	84032	19308	856//	03704	88630		
Lerwick	005	70412	74031	18906	784//	03102	82714	83822	87632
Stornoway	026	70714	80021	18008	756//	03608	87645		
Benbecula	022	20617	74011	16007	25530	03709	81622		
Tiree	100	70513	86802	14207	786//	05714	82830	87645	
Aldergrove	917	50803	62026	12406	58500	03608	81822	85645	
Malin Head	980	80619	74606	13207	884//	05510	81718	88650	
Belmullet	976	50612	74018	09906	584//	03713	82819	85639	
Birr	965	30907	59051	09704	15601	52603	81637	83075	
Collinstown	969	51206	56051	10904	10932	50603	81368	85070	
Rineanna	962	11115	56058	08605	15600	52707	81640		
Roches Point	952	50817	48058	06905	58400	52714	83818	85635	
Valentia	953	20715	62051	06105	28500	52712	81827		

OBSERVATIONS during DAY

Station	iii	RRTTE xxx	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00090	076	+	+
London Airport	772	00090	080	+	+
Gatwick	776	00081	060	+	+
Thorney Island	871	00081	061	+	+
Hurn	862	97070	///	+	$i r_0$
Guernsey	894	91051	008	$r_0 s_0$	+
Wattisham	590	00060	///	+	+
Gorleston	497	00050	070	+	+
Mildenhall	578	00081	090	+	+
Cardington	559	00080	077	+	+
West Raynham	485	00073	085	+	+
Wittering	462	00070	074	+	+
Boscombe Down	746	97070	048	+	r_0
Ross-on-Wye	627	00070	061	+	+
Bristol	628	97070	048	+	pr_0
Aberporth	502	00070	079	+	+
Rhoose (Cardiff)	715	97071	040	+	$pr_0 ir_0$
Plymouth	827	03051	019	$ps_0 r_0 s_0 r_0 s_0$	$r_0 s_0 r_0 s_0 ir_0 s_0$
Chivenor	707	92071	059	ps_0	$pr_0 irpr_0$
St. Mawgan	817	94061	051	$ir_0 s_0 pr_0$	$pr_0 s_0 pr$
Culdrose	809	02051	010	ph	$pr_0 s_0$
Scilly	804	06062	022	prsprh	pr
Elmdon	534	00070	069	+	+
Shawbury	414	00070	042	+	+
Manchester	334	97081	075	ir_0	+
Squires Gate	318	97070	017	$r_0 r_0$	+
Valley	302	00091	070	+	+
Ronaldsway	204	01071	006	$ir_0 r_0 r_0$	+
Carlisle	222	01091	006	$d_0 r_0 pr_0$	pr_0
Watnall	354	00081	052	+	+
Spurn Head	396	00070	053	+	+
Finningley	360	00081	064	+	+
Dishforth	261	00091	028	+	+
Tynemouth	262	97061	000	id_0	+
Eskdalemuir	162	01061	001	$id_0 pr_0$	$pr_0 id_0$
Mull of Galloway	131	00070	///	/	/
Prestwick	135	97081	008	$ir_0 pr_0$	pr_0
Renfrew	141	92081	001	$ir_0 d_0 r_0$	$pr_0 d_0 r_0$
Leuchars	171	92071	000	$id_0 id_0 r_0$	$id_0 r_0 d_0 d_0$
Dyce	091	97071	000	$id_0 d_0 r_0$	$d_0 r_0 id_0$
Wick	075	00091	083	+	+
Cape Wrath	019	00081	///	+	+
Sule Skerry	010	00090	///	/	/
Lerwick	005	00091	036	+	+
Stornoway	026	00101	063	+	+
Benbecula	022	00090	041	+	+
Tiree	100	97090	001	+	pr_0
Aldergrove	917	91081	003	ir_0	ir_0
Malin Head	980	9707/	003	/	/
Belmullet	976	9709/	010	/	/
Birr	965	9709/	052	/	/
Collinstown	969	0108/	035	/	/
Rineanna	962	9709/	039	/	/
Roches Point	952	9306/	016	/	/
Valentia	953	9708/	033	/	/

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	30622	33012	71826	97012	09407	78400	41001	81815	87630	00305	11845	11444
B	30565	51012	93138	91868	03655	9/0//	00219	89/01	/////	06656	18140	1////
C	30527	35512	61423	97158	04208	58630	00607	82815	83635	00205	11236	1////
D	30440	41012	82925	98802	07707	72401	00000	87815	/////	06602	13007	1////
I	30589	18912	71015	98022	21309	18578	00711	81828	87275	05202	11033	12644
J	30524	20212	70414	99028	09909	785//	00817	84820	84645	05207	10521	11033
K	30451	16012	41019	98018	01209	32502	00720	83826	83071	05604	10823	11232
M	33660	02012	83130	97022	11004	885//	00217	/////	/////	05600	13178	1////

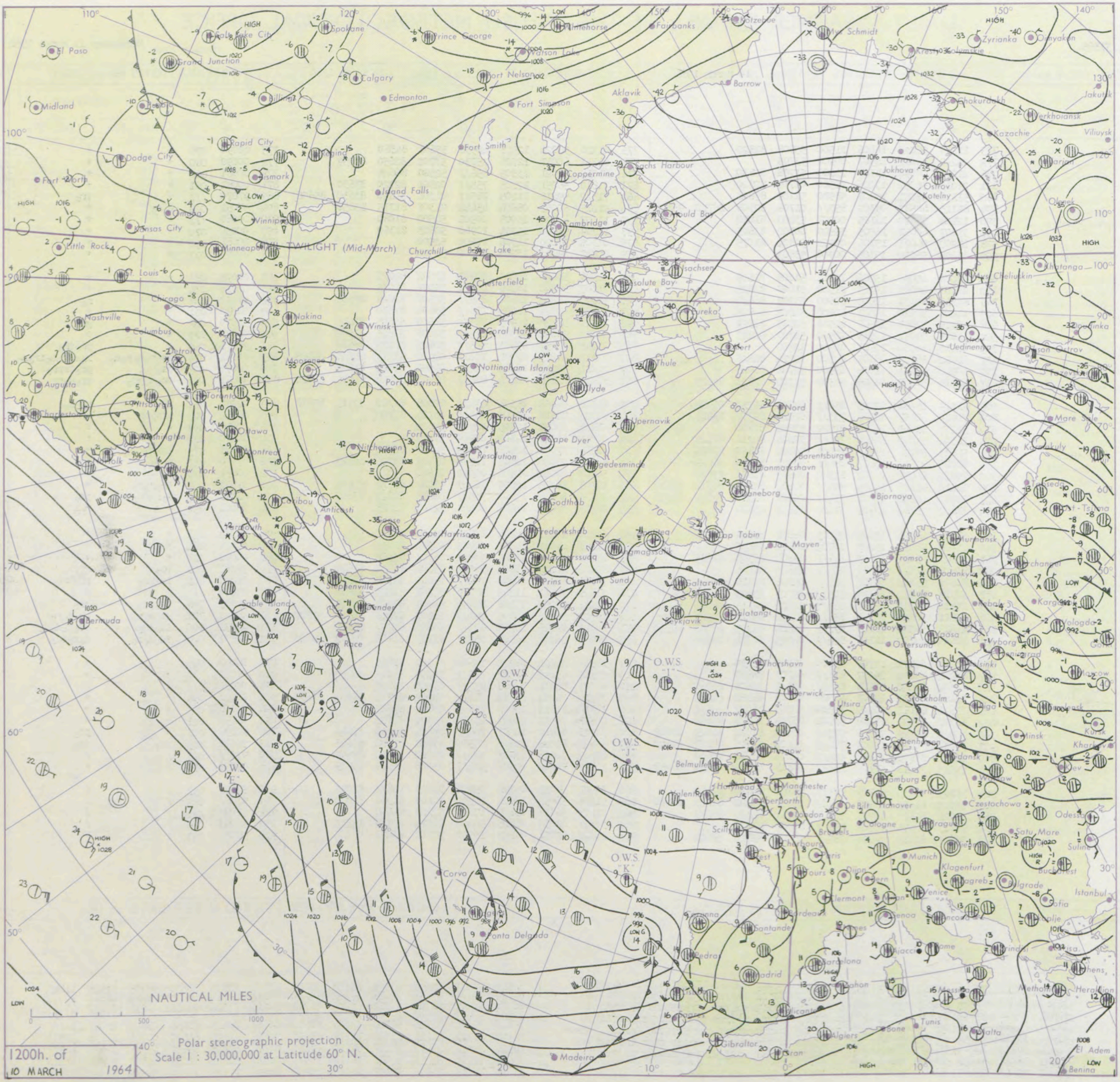
Code FM 21.A — OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33018	61628	97022	06107	38440	41714	81815	83630	00205	11645	11444
B	40565	51018	73232	97268	09656	72400	00319	87810	/////	06960	18152	1////
C	30527	35518	61325	97022	99708	30936	00825	83358	830//	00206	11246	1////
D	30440	41018	82720	98028	01507	6452/	00717	86625	88458	06600	13047	1////
I	30590	18718	81021	97252	17708	48537	00716	81820	84630	05203	11134	10533
J	30524	20318	70617	97158	04610	5946/	00724	82918	85650	05306	10623	149/3
K	30451	16218	71018	98032	96610	785//	00717	81823	84640	05303	10824	11232
M	33660	02018	73426	97808	14903	79500	00223	/////	/////	05502	13367	1////

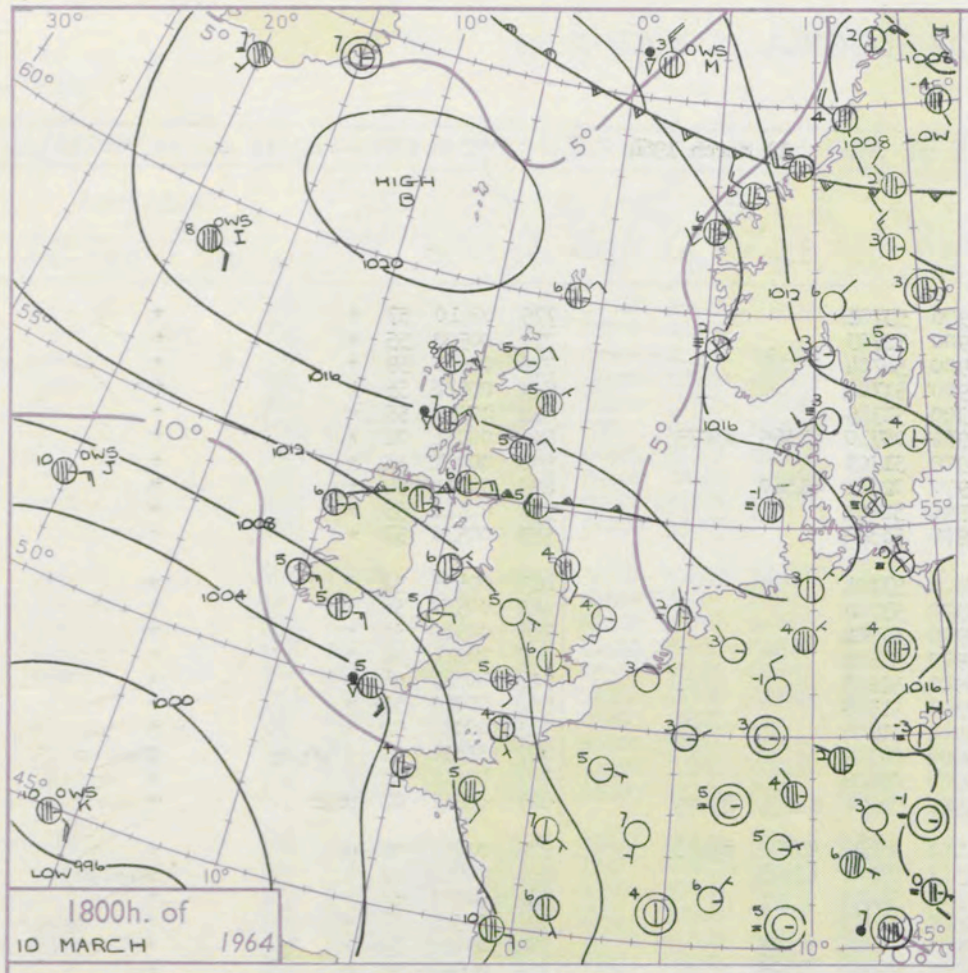
All times of observation printed in this publication are GREENWICH MEAN TIME.

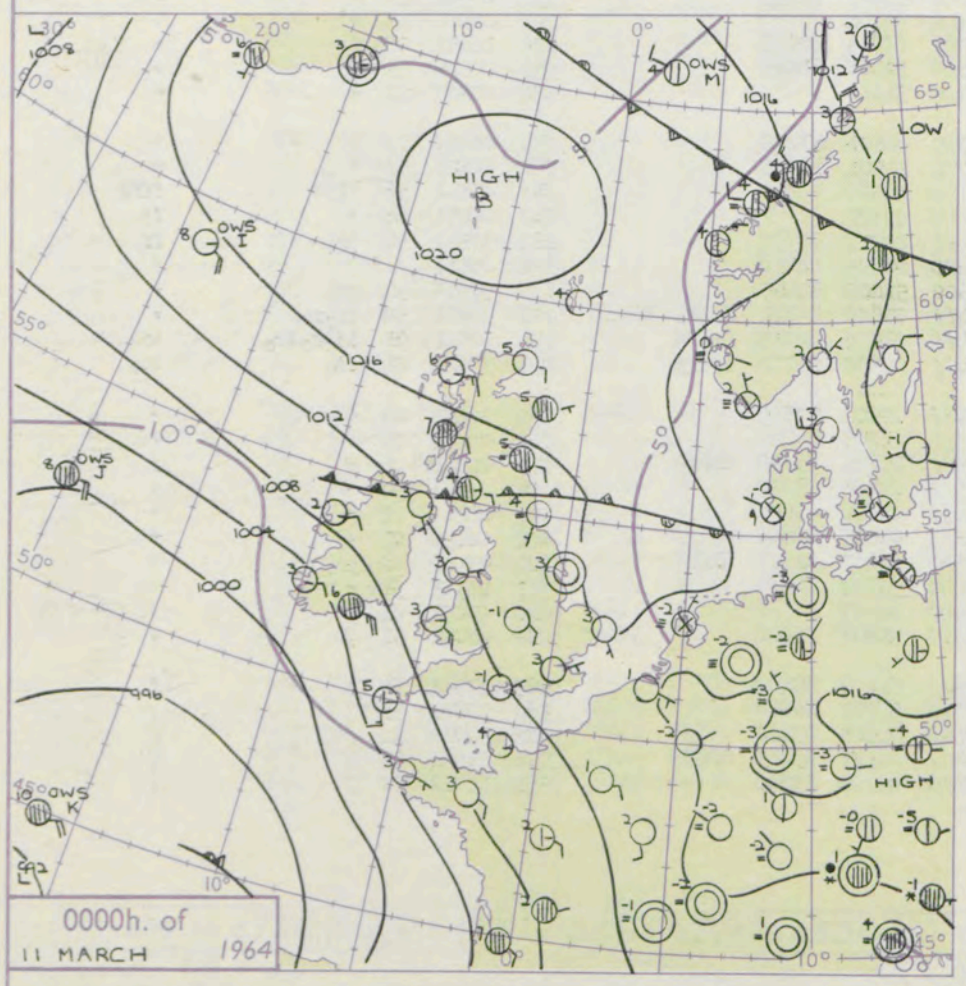
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

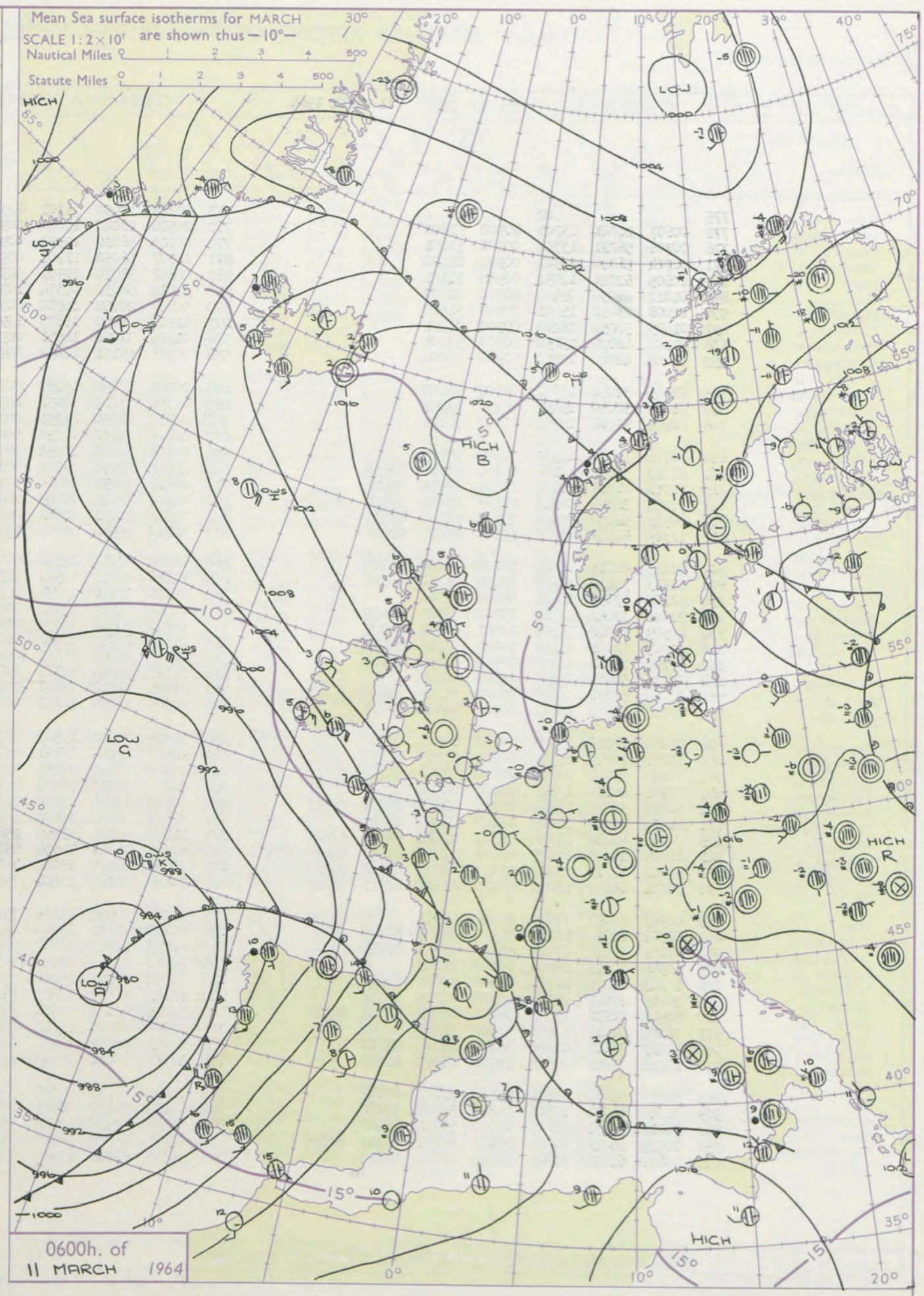
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-March)
HIGH
LOW
Fort Smith
Island Falls
Churchill
Baker Lake
Chesterfield
Coppermine
Cambridge Bay
Fort Simpson
Fort Nelson
Watson Lake
Whitehorse
Prince George
Edmonton
Calgary
Spokane
Grand Junction
El Paso
Midland
Dodge City
Fort Worth
Rapid City
Bismark
Regina
Omaha
Kansas City
Minneapolis
Winnipeg
Little Rock
St. Louis
Chicago
Nashville
Columbus
Detroit
Toronto
Ottawa
Montreal
New York
Boston
Washington
Pittsburgh
Charleston
Augusta
Nakina
Moosonee
Port Harrison
Vinisk
Nottingham Island
Coral Harbour
Resolution
Frobisher
Fort Chimo
Cape Dyer
Nitchequon
Godthab
Frederikshab
Cape Harrison
Goose
Anticosti
Caribou
Yarmouth
Sable Island
Bermuda
Stephenville
Gander
Prins Christian Sund
Iceland
Reykjavik
Thorshavn
Stornoway
Belmullet
Valentia
Scilly
Corvo
Ponta Delgada
Madeira
Gibraltar
Algiers
Tunis
Malta
Bone
Barrow
Aklavik
Fairbanks
Katzebue
Mus Schmidt
Kresty
Zyrianka
Omyakon
Verkhoiansk
Jakutsk
Oymyakon
Kazachie
Viliuysk
Ostrov Kotelny
Jokhova
Ostrov Uedineniya
Ostrov Cheliuskin
Khatanga
Olenek
Tiksi
Mare Sale
Barentsburg
Hopen
Bjornoya
Jan Mayen
Tromso
Murmansk
Archangel
Vologda
Vyborg
Leningrad
Helsinki
Stockholm
Oslo
Copenhagen
Hamburg
Hannover
Cologne
Brussels
London
Manchester
Liverpool
Cherbourg
Paris
Munich
Klagenfurt
Zagreb
Belgrade
Venice
Odessa
Istanbul
Sofia
Athens
Heraklion
Minsk
Kursk
Kharkov
Warsaw
Czestochowa
Satu Mare
Bucharest
Barcelona
Madrid
Santander
Bordeaux
Clermont
Tours
Brest
Lisbon
Oran
Benina
El Adem
Tatvenskaya
Dikson Ostrov
Nord
Sabetta
Dudinka
Norilsk
Talye
Igarka
Yeniseysk
Tura
Vanavara
Kirensk
Yakutsk
Ust-Tsilma
Kotelnich
Kargopol
Gorki
Kalinin
Kursk
Kharkov
Sulina
Ploesti
Satu Mare
Odessa
Sofia
Istanbul
Athens
Heraklion
Tunis
Malta
Algiers
Bone
Gibraltar
Madeira
Ponta Delgada
Corvo

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 11 March 1964

The anticyclone north of Scotland has continued its slow movement while turning towards the east and weakening a little. Substantial falls of pressure in mid-Atlantic have been associated with a deepening complex low pressure area from Greenland to west of Spain. The depression west of Spain has moved northeast from near the Azores and is expected to turn further to the left towards the southwest of the British Isles. These changes have brought a gradual veer and increase of pressure gradient over Ireland and southwest England, and the resulting southeasterly flow will extend slowly to the remainder of Britain tonight and tomorrow.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Scotland and eastern England will be dry with sunny periods today and some frost in places tonight. Western England, Wales and Northern Ireland will also be dry at first with sunny intervals, but increasing cloud and occasional rain will spread slowly across these areas from the southwest. Temperatures will be near or a little above normal in most places.

OUTLOOK for following 24 hours.

Temperatures rising to above normal except near the east coast. Probably dry in eastern Scotland and northeast England but cloudy with rain at times in many other places.

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

Code FM 11.A

OBSERVATIONS at 00h. 11 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_lC_mh_mC_Hh_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			02					
London Airport	772	00607	24041	13703	00900	51202			
Gatwick	776	00704	56021	13751	00900	53101			
Thorney Island	871	00704	56020	12901	00900	01200			
Hurn	862	00605	62021	12051	00900	51101			
Guernsey	894	01012	58050	09404	00900	01802			
Wattisham	590	01008	23050	15401	00900	51400			
Gorleston	497	01405	58050	16203	00900	01301			
Mildenhall	578	01107	48020	15450	00900	53005			
Cardington	559	01008	48020	11852	00900	53004			
West Raynham	485	01305	32050	15852	00900	55202			
Wittering	462	01004	30040	15451	00900	53005			
Boscombe Down	746	00909	56016	12751	00900	52102			
Ross-on-Wye									
Bristol	628	00704	56028	12102	00900	50105			
Aberporth	502	11113	58051	10103	15700	50300	81650		
Rhoose (Cardiff)	715	71011	66038	11403	756//	00305	87642		
Plymouth	827	71111	56027	08305	755//	03101	87620		
Chivenor	707	70913	58022	09404	756//	01103	87633		
St. Mawgan	817	11315	64018	06805	15500	03500	81623		
Culdrose	809	21413	60018	06006	23400	03206	82910		
Scilly	804	31513	74138	04705	35400	03210	83615		
Elmdon	534	01209	37051	14051	00900	53204			
Shawbury	414	31006	37041	13201	35700	52301	83650		
Manchester	334	40909	37040	14201	00901	53207	84075		
Squires Gate	318	31007	19041	14153	00902	53210	83075		
Valley	302	10704	48041	11703	00901	52604	81072		
Ronaldsway	204	01316	58011	13205	00900	00104			
Carlisle	222	21008	58031	15202	25600	01309	82640		
Watnall	354	20808	14040	15051	00901	54002	82075		
Spurn Head	396	00000	48050	15603	00900	00201			
Finningley	360	51602	20042	15651	00901	52207	85078		
Dishforth	261	00000	07440	15900	00900	50212			
Tynemouth	262	01906	48102	15504	00900	04209			
Eskdalemuir	162	80000	59036	14803	862//	02305	85704	88713	
Mull of Galloway	131	61412	70010	14205	66400	00209	86715		
Prestwick	135	70908	82028	13704	756//	03205	81632	87645	
Renfrew	141	80908	58026	14605	854//	02501	81713	84620	87630
Leuchars	171	80912	62215	15205	873//	03304	83708	88710	
Dyce	091	80704	66205	17005	854//	02304	82713	88627	
Wick	075	00909	66020	17505	00900	05703			
Cape Wrath	049	80908	81022	16706	865//	05715	88720		
Sule Skerry	010	80809	74022	17907	864//	06709	88715		
Lerwick	005	00506	82021	19104	00900	03702			
Stornoway	026	10813	82021	16706	15600	02712	81640		
Benbecula	022	20713	80011	15105	15630	03705	81635		
Tiree	100	80911	80038	13807	885//	03802	82822	88633	
Aldergrove	917	01305	62011	13003	00900	01304			
Malin Head	980	31017	74018	12206	36400	04706	83718		
Belmullet	976	10711	70021	09602	15600	01705	81640		
Birr	965	70312	60031	08602	756//	51712	87642		
Collinstown	969	31014	62050	10504	35600	52503	83630		
Rineanna	962	30816	50051	06603	35700	51716	83656		
Roches Point	952	80925	66028	04406	884//	02712	86818	88635	
Valentia	953	10610	62258	03003	11500	00821	81822		

OBSERVATIONS at 06h. 11 March 1964

iii	Nddff	VVwwW	PPPTT	$N_hC_lh_lC_mh_mC_Hh_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	00708	37050	13101	00900	53701			
772	00504	26040	13000	00900	52703			
776	00703	56020	12952	00900	54704			
871	00707	56050	11701	00900	51704			
862	00808	58020	10901	00900	51705			
894	31014	68030	07304	10932	00710	81365	83075	
590	00807	20050	11800	00900	51703			
497	11206	56050	15803	10970	02601	81360		
578	01105	37050	11651	00900	52002			
559	00706	23101	11453	00900	53304			
485	00909	17050	15252	00900	53701			
462	01006	23040	11852	00900	53702			
746	00810	28050	11751	00900	53704			
627	00805	24050	12251	00900	53605			
628	00608	40020	11151	00900	52803			
502	01112	58050	09601	00900	51505			
715	00812	40051	10700	00900	51604			
827	00909	56021	07405	00900	01709			
707	01308	40051	08902	00900	00606			
817	30817	56030	06003	15504	02608	81624	83075	
809	61016	57051	05306	48410	03806	81815	84635	
804	71121	61021	02907	755//	05721	87623		
534	00000	19100	13754	00900	54602			
414	00702	29040	13152	00900	53503			
334	10806	40040	13251	00901	54605	81075		
318	11109	37040	13651	00901	55400	81075		
302	00814	48040	10851	00900	53806			
204	21120	48040	12103	00901	00706	82075		
222	10904	58010	15451	15600	52301	81645		
354	00605	19040	11853	00900	54400			
396	30905	48030	15503	00905	50601	83270		
360	20403	19041	15151	15701	54501	81656		
261	10000	07424	15753	15601	54500	81645		
262	00000	16050	15701	00900	00302			
162	90201	03454	15600	9////	00301	89/02		
131	41418	32050	12604	46400	00709	84710		
135	21108	56021	13850	25600	51400	82645		
141	81006	74026	11604	854//	03400	82711	84714	87618
171	70604	66206	15004	754//	03604	82715	87630	
091	70000	74015	16404	754//	02500	81714	87625	
075	71209	74021	16805	756//	02802	87630		
049	60808	81031	15505	655//	01705	86620		
010	60913	81012	16807	885//	05706	83820	86630	
005	80610	82021	18106	855//	02708	88620		
026	71012	80021	15306	756//	03606	87630		
022	61412	80031	13405	656//	03605	86640		
100	51216	80018	12905	58500	03805	81823	81637	
917	00707	56040	11803	00900	50602			
980	01011	58050	11604	00900	00503			
976	11112	70010	07203	15600	51609	81640		
965	50812	66021	07503	556//	50704	85642		
969	61212	59050	09904	655//	50702	86620		
962	30917	59106	05306	35600	03501	83630		
952	61220	66028	04306	634//	04101	83915	86635	
953	30915	62258	01405	32500	02702	83820		

OBSERVATIONS during NIGHT

iii	RRT_nT_gE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONVE TA °C
775	00010	57	+	+	40
772	00500	55	+	+	39
776	00531	59	+	+	38
871	00011	55	+	+	37
862	00510	55	+	+	36
894	00031	01	+	+	35
590	00001	53	+	+	34
497	00011	54	+	+	33
578	00511	55	+	+	32
559	00530	57	+	+	31
485	00533	57	+	+	30
462	00533	58	+	+	29
746	00510	53	+	+	28
627	00511	55	+	+	27
628	00513	56	+	+	26
502	00010	52	+	+	25
715	00000	52	+	+	24
827	97031	01	$ir_0r_0s_0$	ps_0	23
707	00011	52	+	+	22
817	05011	03	phpr	+	21
809	02041	04	ph	+	20
804	97041	//	1	ir_0RSps	19
534	00553	60	+	+	18
414	00543	58	+	+	17
334	00510	55+	+	+	16
318	00543	58	+	+	15
302	00511	53	+	+	14
204	00031	00	+	+	13
222	00523	54	+	+	12
354	00533	59	+	+	11
396	00010	//	+	+	10
360	00523	57	+	+	9
261	00541	56	ffff	fFFF	8
262	00011	54	+	ff	7
162	97511	54	ir_0	ff	6
131	00031	//	/	/	5
135	97513	54	ir_0	+	4
141	97031	50	id_0r_0	+	3
171	01021	01	$id_0r_0ir_0$	id_0	2
091	97021	01	id_0	id_0	1
075	00041	00	+	+	0
049	00031	03	+	+	−1
010	00060	04	f	/	−2
005	00031	50	+	+	−3
026	00041	01	+	+	−4
022	00050	01	+	+	−5
100	93041	02	pr_0	+	−6
917	00001	54	+	+	−7
980	97031	01	/	/	−8
976	97011	51	/	/	−9
965	97501	54	/	/	−10
969	97021	53	/	/	−11
962	97010	52	/	/	−12
952	01041	03	/	/	−13
953	01021	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	$N_hC_lh_lC_mh_mC_Hh_H$	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	40619	33000	51623	97012	03607	55500	00816	85620	/////	00204	11645	1////
B	40565	51000	63132	97858	09657	62400	00105	86810	/////	07060	13149	1////
C	40527	35500	81222	97028	95608	8097/	00725	88362	/////	00206	11446	1////
D	40440	41000	83109	98022	02707	845//	00710	88620	/////	06650	13347	1////
I	40590	18800	11119	98028	15108	15700	00717	81650	/////	05103	11034	10633
J	40524	20320	80918	98028	01608	855//	20720	88625	/////	05408	10823	149/3
K	40451	16200	80722	98022	93510	8846/	00820	83823	85640	05405	10825	11232
M	43660	02000	43010	97022	17704	48500	00111	/////	/////	05551	13023	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_lh_lC_mh_mC_Hh_H$	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	40619	32906	31624	97020	00907	35500	31710	83620	/////	00205	11614	100/0
B	40565	51006	83224	97858	09155	823//	00810	88808	/////	06760	13249	1////
C	40527	35506	81221	98022	88407	2557/	00734	82630	86359	00206	11246	1////
D	40440	41006	82912	97602	98607	855//	00722	88620	/////	06603	13135	1////
I	40589	18806	41026	97018	09108	45600	00724	81645	/////	05305	11035	10633
J	40524	19706	50928	99898	95407	52500	21730	85820	/////	05704	10923	149/3
K	40451	16606	80822	92022	87310	885//	00730	83823	85640	05204	10827	11233
M	43660	02006	82814	97022	17105	6555/	00505	/////	/////	05104	12834	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37366

Date of Issue Thursday 12th March 1964

Code FM 11.A

OBSERVATIONS at 12h. 11 March 1964

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	00818	36050	12309	00900	55813			
London Airport	772	00818	48040	11610	00900	53719			
Gatwick	776	00920	62020	11510	00900	55712			
Thorney Island	871	01017	61020	10510	00900	00710			
Hurn	862	11017	62030	09210	00901	51712	81075		
Guernsey	894	41022	66030	04807	10932	51817	81362	84075	
Wattisham	590	01010	58050	14307	00900	54812			
Gorleston	497	71107	40104	16402	754//	01001	87618		
Mildenhall	578	01109	58020	14109	00900	52810			
Cardington	559	00914	58050	13109	00900	53713			
West Raynham	485	00912	58020	14807	00900	51810			
Wittering	462	01014	48040	14508	00900	52709			
Boscombe Down	746	01124	62020	09410	00900	55718			
Ross-on-Wye	627	01014	57020	09510	00900	57721			
Bristol	628	00915	56050	08510	00900	53829			
Aberporth	502	61115	61031	07810	6093/	53817	86368		
Rhoose (Cardiff)	715	00920	37050	07907	00900	00819			
Plymouth	827	31017	62010	04609	00902	02515	83075		
Chivenor	707	61113	72031	06310	10932	51716	81362	86075	
St. Mawgan	817	51225	69011	02907	30925	01819	83460	84270	
Culdrose	809	61026	68052	03408	55931	01805	85658	84360	
Scilly	804	71334	61032	00109	756//	05715	87630		
Elmdon	534	21114	58051	12008	00901	55711	82075		
Shawbury	414	00813	40040	12107	00900	51713			
Manchester	334	01216	40040	12909	00900	56806			
Squires Gate	318	01015	32040	12909	00900	00711			
Valley	302	01018	61040	10410	00900	01810			
Ronaldsway	204	01019	33040	12407	00900	01803			
Carlisle	222	10906	48050	15008	10940	01810	81370		
Watnall	354	00915	58020	13608	00900	01810			
Spurn Head	396	01404	F1460	15406	00900	03607			
Finningley	360	00910	58040	15009	00900	01811			
Dishforth	261	03605	20044	15105	00900	02812			
Tynemouth	262	00907	24284	16506	00900	03101			
Eskdalemuir	162	10507	58054	14706	11500	00806	81822		
Mull of Galloway	131	21418	60020	12906	26400	51807	82710		
Prestwick	135	50913	58051	13208	10936	03811	81366	85078	
Renfrew	141	11209	50040	14608	11500	51806	81825		
Leuchars	171	50808	70012	15807	58400	05000	81710	84815	
Dyce	091	71206	66022	16406	784//	03705	86812	87640	
Wick	075	71309	74031	16707	755//	03804	83620	87650	
Cape Wrath	049	60915	83022	14106	685//	01717	84820	86625	
Sule Skerry	010	61109	81012	16807	685//	06704	83825	86630	
Lerwick	005	70711	79022	18706	755//	02801	87625		
Stornoway	026	51309	83011	15108	58500	01000	81826	85645	
Benbecula	022	11313	85011	13608	11500	03801	81825		
Tiree	100	11220	66051	13307	18400	03802	81818		
Aldergrove	917	21516	40041	11707	28500	02709	82825		
Malin Head	980	01017	48050	10507	00900	01812			
Belmullet	976	51121	66101	06308	584//	03708	81819	85639	
Birr	965	51016	69031	06908	525//	02709	85822		
Collinstown	969	11017	64051	09408	11500	00808	81820		
Rineanna	962	21025	62050	04309	22600	02809	82832		
Roches Point	952	31023	58058	03208	00904	01813	83070		
Valentia	953	31117	66258	00011	33500	02820	83924		

OBSERVATIONS at 18h. 11 March 1964

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	30718	37050	09306	10945	57607	81465		
London Airport	772	50814	50041	09107	00901	54610	85080		
Gatwick	776	20714	50050	09305	00902	52505	82075		
Thorney Island	871	60914	59011	07208	00908	52507	81070	86280	
Hurn	862	30916	40040	05709	10949	56712	81368	83080	
Guernsey	894	71019	66021	00809	65878	02611	86657	87275	
Wattisham	590	10608	35050	12102	00901	51608	81080		
Gorleston	497	70612	40052	13803	754//	01709	87618		
Mildenhall	578	00909	37050	11804	00900	00505			
Cardington	559	10710	59030	10705	10941	53607	81362		
West Raynham	485	70917	19101	12900	762//	51507	87703		
Wittering	462	10710	59040	11606	00901	52504	81075		
Boscombe Down	746	61017	59031	06607	00901	57509	86075		
Ross-on-Wye	627	40910	57030	06807	00906	54607	84278		
Bristol	628	20812	61030	05708	20930	53509	82368		
Aberporth	502	61016	56051	03409	00906	55614	86275		
Rhoose (Cardiff)	715	71122	64031	04108	00908	54816	87270		
Plymouth	827	80815	40051	00508	5572/	03710	85650	88463	
Chivenor	707	71112	59031	02009	35536	52707	83620	85360	86275
St. Mawgan	817	81127	58022	98507	40957	02611	84360	88268	
Culdrose	809	81125	58602	98307	3752/	04713	83720	88550	
Scilly	804	81229	48616	95507	863//	07718	88708		
Elmdon	534	20914	60030	09207	00901	53710	82080		
Shawbury	414	50913	61030	08207	10946	52614	81363	85075	
Manchester	334	10915	56040	09806	00901	54512	81075		
Squires Gate	318	41016	28040	09806	00902	50512	84075		
Valley	302	50825	58040	06009	00901	51618	85075		
Ronaldsway	204	70926	37040	08507	00906	02616	87278		
Carlisle	222	00710	37050	12705	00900	01506			
Watnall	354	30814	48030	11104	00901	52607	83075		
Spurn Head	396	81410	16104	12802	864//	01712	86715	84623	
Finningley	360	00708	20040	12803	00900	01508			
Dishforth	261	01110	32040	13104	00900	01506			
Tynemouth	262	31012	58030	14304	35600	02610	83635		
Eskdalemuir	162	10202	62050	12703	18501	00610	81824		
Mull of Galloway	131	41418	60030	09506	46400	02718	84710		
Prestwick	135	30907	62041	10706	00908	50714	81070	83278	
Renfrew	141	10814	37040	11607	15700	01611	81650		
Leuchars	171	60711	22051	13905	663//	04709	84709	85713	
Dyce	091	71003	40052	15105	784//	03808	81710	87630	
Wick	075	81307	66026	15406	855//	04705	83620	88635	
Cape Wrath	049	61420	81022	12306	685//	01716	83820	86625	
Sule Skerry	010	71118	81022	15107	785//	04710	84820	87630	
Lerwick	005	70812	82022	17305	755//	01505	87625		
Stornoway	026	01005	89021	13107	00900	03710			
Benbecula	022	10810	85020	11306	10930	02715	81362		
Tiree	100	20813	61050	10307	00902	02616	82070		
Aldergrove	917	11013	40040	07807	00901	51715	81070		
Malin Head	980	01318	48050	07607	00900	00717			
Belmullet	976	71117	80031	02408	12432	00718	81819	83361	87073
Birr	965	50817	66031	02308	25602	51617	82640	85073	
Collinstown	969	10914	56050	05106	00901	02721	81070		
Rineanna	962	71025	69021	99609	20972	52621	82463	87068	
Roches Point	952	80923	58051	97808	1562/	03624	81640	88460	
Valentia	953	71018	69021	95009	756//	53720	87638		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00100	080	+	+
London Airport	772	00110	082	+	+
Gatwick	776	00120	094	+	+
Thorney Island	871	00111	093	+	+
Hurn	862	00110	///	+	+
Guernsey	894	00101	063	+	+
Wattisham	590	00081	///	+	+
Gorleston	497	00050	014	ff	+
Mildenhall	578	00100	090	+	+
Cardington	559	00100	088	+	+
West Raynham	485	00091	089	+	+
Wittering	462	00090	090	+	+
Boscombe Down	746	00110	098	+	+
Ross-on-Wye	627	00110	090	+	+
Bristol	628	00120	082	+	+
Aberporth	502	00110	085	+	+
Rhoose (Cardiff)	715	00100	092	+	+
Plymouth	827	97091	068	+	ir_o
Chivenor	707	00121	078	+	+
St. Mawgan	817	97091	049	+	ir_o
Culdrose	809	97091	041	+	$ir_or_or_o$
Scilly	804	03102	026	+	$ir_or_or_o$
Elmdon	534	00100	081	+	+
Shawbury	414	00100	088	+	+
Manchester	334	00091	092	+	+
Squires Gate	318	00111	089	+	+
Valley	302	00120	097	+	+
Ronaldsway	204	00080	080	+	+
Carlisle	222	00101	091	+	+
Watnall	354	00091	081	+	+
Spurn Head	396	97060	038	FF	+
Finningley	360	00111	081	+	+
Dishforth	261	00091	054	FFff	+
Tynemouth	262	00071	077	ff	+
Eskdalemuir	162	00081	076	+	+
Mull of Galloway	131	00070	///	/	/
Prestwick	135	00100	076	+	+
Renfrew	141	00100	072	+	+
Leuchars	171	00071	064	+	+
Dyce	091	00071	002	+	+
Wick	075	97071	019	+	ir_o
Cape Wrath	049	00070	///	+	+
Sule Skerry	010	00080	///	/	/
Lerwick	005	00061	003	+	+
Stornoway	026	00090	080	+	+
Benbecula	022	00090	088	+	+
Tiree	100	00080	068	+	+
Aldergrove	917	00091	079	+	+
Malin Head	980	0008/	088	/	/
Belmullet	976	0010/	070	/	/
Birr	965	0011/	070	/	/
Collinstown	969	0008/	080	/	/
Rineanna	962	0011/	071	/	/
Roches Point	952	9110/	046	/	/
Valentia	953	9111/	045	/	/

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	40620	33012	71519	97022	97607	58471	00817	81810	85635	00205	11532	11644
B	40565	51012	33327	97168	09455	32300	00500	83808	/////	06764	13247	1////
C	40527	35512	81332	97516	85106	873//	00508	86708	83715	00005	11347	1////
D	40440	41012	83215	97606	97507	7562/	00002	87630	88530	06903	13335	1////
I	40589	19012	71127	97038	04909	784//	00723	84815	87645	05205	11134	149/4
J	40525	20012	51016	98018	90507	18542	00820	81820	85075	05603	11034	10745
K	40450	16312	80626	97022	84810	48548	00714	81823	83633	05303	10638	11246
M	43660	02012	82914	97022	17906	8085/	00308	/////	/////	00004	12934	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33018	61315	97802	92906	49471	00719	83910	/////	00105	11432	11644
B	40565	51018	63328	97858	04455	62300	00722	86808	/////	06657	13358	1////
C	40527	35518	82610	97615	80405	5742/	00725	85711	83525	05204	12647	11345
D	40440	41018	83118	98026	94506	6557/	00719	86630	88460	06100	11334	1////
I	40590	18918	71325	97018	00809	785//	00615	83820	86650	05101	11349	1////
J	40525	20118	51426	97278	85708	59400	00518	82915	83820	05405	11334	10936
K	40451	16118	73614	98022	83910	3857/	00307	82823	87363	05406	100/0	10537
M	43660	02018	82808	97022	18106	8077/	00102	/////	/////	00103	12723	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

TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
11 MARCH 1964

Explanation of symbols

CLOUD

Symbol

Sky

WEATHER

Symbol

Mist

Fog

Drizzle

Rain

Rain

Snow

Rain

Rain showers

Snow

Hail

Thunderstorm

WIND

Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE

1800h. of 11 MARCH 1964

0000h. of 12 MARCH 1964

Mean Sea surface isotherms for MARCH 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 12 MARCH 1964

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Thursday 12 March** 1964

The depression which was near northwest Spain yesterday has moved northwards towards southwest England, while another deep depression in mid-Atlantic has moved slowly north. A complex frontal trough has moved northeast into northwest France and southwest England, and is expected to continue its rather slow movement across southern England and south Wales. The anticyclone which has moved from near north Scotland to Scandinavia is intensifying again and will continue to move southeast towards the Baltic. The strong southeasterly gradient in the cold air ahead of the frontal trough has given gales in many places.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Northeast Scotland will be mainly cloudy. A belt of intermittent rain over southwest England and south Wales will spread slowly northeast to affect the remainder of England, Northern Ireland and south and west Scotland by noon. Brighter showery weather will follow the rain into western districts. Temperatures will be about normal in the southwest, but rather below normal elsewhere.

OUTLOOK for the following 24 hours.

Continuing mainly dry with below normal temperatures in the north. Unsettled in the south and west with near normal temperatures. Mainly cloudy elsewhere perhaps with a little rain.

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

Code FM 11.A

OBSERVATIONS at 00h. 12 March 1964

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			03					
London Airport	772	00716	24040	07203	00900	00813			
Gatwick	776	60712	50051	06902	00906	52714	86272		
Thorney Island	871	70813	56051	04805	20932	52715	82365	87075	
Hurn	862	70814	56011	03206	60978	53818	86462	87270	
Guernsey	894	81020	61032	97508	5567/	02828	85648	88360	
Wattisham	590	50810	17101	10001	56100	00614	85702		
Gorleston	497	00917	24101	11903	00900	02717			
Mildenhall	578	50807	20051	10350	56300	51510	85707		
Cardington	559	60508	19050	09552	66200	54708	86705		
West Raynham	485	71015	14102	10600	761//	50715	87702		
Wittering	462	80711	08441	11151	860//	51606	88701		
Boscombe Down	746	60817	59052	04802	00901	53815	86078		
Ross-on-Wye									
Bristol	628	70714	40051	04103	30936	53709	83362	87272	
Aberporth	502	71127	56052	99505	7097/	56827	87465		
Rhoose (Cardiff)	715	80824	48042	02805	8097/	53811	88358		
Plymouth	827	80918	40606	97707	857//	04819	88650		
Chivenor	707	81021	59022	99108	2562/	53818	82635	88460	
St. Mawgan	817	80925	56616	95706	8062/	04718	88548		
Culdrose	809	81023	56606	94708	854//	05824	82710	88640	
Scilly	804	81328	58606	91409	855//	07722	88620		
Elmdon	534	00808	28040	09051	00900	53000			
Shawbury	414	60908	48042	08551	00901	51301	86075		
Manchester	334	00918	48040	09100	00900	53603			
Squires Gate	318	71020	37041	08901	00902	52608	87075		
Valley	302	80815	62021	04406	00907	54807	88270		
Ronaldsway	204	80827	58041	07504	00907	00810	88275		
Carlisle	222	20508	48030	11701	00901	52712	82075		
Watnall	354	60913	32011	10751	662//	51511	86704		
Spurn Head	396	61220	48031	11603	655//	01712	86625		
Finningley	360	80606	19041	11501	863//	51714	85707	88710	
Dishforth	261	81009	40041	12001	854//	50716	88618		
Tynemouth	262	81515	61031	13003	856//	51810	88630		
Eskdalemuir	162	00305	66020	12651	00900	54711			
Mull of Galloway	131	01416	60020	08104	00900	01713			
Prestwick	135	00913	66020	09801	00900	52712			
Renfrew	141	00813	62020	11303	00900	00807			
Leuchars	171	81108	62021	13304	856//	02805	88637		
Dyce	091	81305	62022	13905	854//	00710	83712	88624	
Wick	075	81112	74022	14305	855//	50709	88628		
Cape Wrath	049	20915	83020	12005	25600	00708	82630		
Sule Skerry	010	81113	82032	13806	865//	04711	88725		
Lerwick	005	80811	80022	16605	855//	01709	88620		
Stornoway	026	01212	82020	11205	00900	02710			
Benbecula	022	01312	85010	09304	00900	01815			
Tiree	100	01125	62050	08405	00900	00713			
Aldergrove	917	51120	40041	06005	00902	51716	85070		
Malin Head	980	31023	48050	05405	15602	00816	81635	83070	
Belmullet	976	80918	66216	98306	5567/	00728	82630	85650	88459
Birr	965	81024	66022	98406	854//	50721	83716	88637	
Collinstown	969	80917	59051	03106	857//	00504	88656		
Rineanna	962	81029	62022	96107	6567/	01716	86633	88459	
Roches Point	952	81029	48616	94107	8052/	04723	88526		
Valentia	953	81026	61588	90508	864//	05724	88718		

OBSERVATIONS at 06h. 12 March 1964

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	30815	48021	03303	25601	51718	82635		
London Airport	772	80615	28041	02503	1637/	01821	81708	88460	
Gatwick	776	80711	20052	02602	30947	52813	83362	88268	
Thorney Island	871	80912	40052	00605	2582/	51712	82657	88462	
Hurn	862	80914	58022	98806	8097/	51720	86360	88465	
Guernsey	894	81015	60606	95007	5557/	05607	84523	88358	
Wattisham	590	40910	19051	05802	00906	51718	84075		
Gorleston	497	00919	28050	08104	00900	02720			
Mildenhall	578	30811	19051	05501	00901	51723	83075		
Cardington	559	50810	14051	04800	56200	51520	85705		
West Raynham	485	20815	17051	07001	00901	50719	82075		
Wittering	462	30707	11044	06250	26231	52731	82704		
Boscombe Down	746	80816	37052	00502	60977	52612	82363	86466	88274
Ross-on-Wye	627	70705	24052	01501	755//	52620	87625		
Bristol	628	70614	48052	99902	1577/	52614	81650	87358	
Aberporth	502	71132	56051	95306	5557/	55612	85625	87362	
Rhoose (Cardiff)	715	80825	37042	99003	5562/	51612	85630	88458	
Plymouth	827	81013	32616	94207	6552/	04712	86625	88540	
Chivenor	707	71118	56216	95907	4562/	51604	84630	87458	
St. Mawgan	817	80920	40616	92406	854//	04715	88618		
Culdrose	809	81019	32636	91307	862//	06612	87704	88706	
Scilly	804	81225	48636	88509	854//	09503	88618		
Elmdon	534	80808	11101	04550	856//	52620	88640		
Shawbury	414	80911	29102	04151	00907	51619	88270		
Manchester	334	30815	56040	05201	00902	54719	83080		
Squires Gate	318	70924	50042	04001	10932	52728	81365	87073	
Valley	302	70815	58042	99705	20932	53615	82365	87070	
Ronaldsway	204	70933	48042	02803	00908	51625	87270		
Carlisle	222	40813	56011	08702	25501	51717	82625	83075	
Watnall	354	40813	07461	06151	45200	51620	81704	84635	
Spurn Head	396	01018	32011	07704	00900	02721			
Finningley	360	00709	12041	07400	00900	51722			
Dishforth	261	30908	37101	08100	15631	50719	81645		
Tynemouth	262	81521	61022	10704	855//	50608	88625		
Eskdalemuir	162	73602	59031	09501	684/1	53614	85712	83817	
Mull of Galloway	131	40928	60021	03603	25601	00717	82630		
Prestwick	135	70710	64021	05901	15846	53820	81657	87280	
Renfrew	141	70812	62031	08201	35701	51612	83650	87070	
Leuchars	171	71013	60026	10703	754//	50708	82710	87635	
Dyce	091	61514	48046	12304	65600	00606	86630		
Wick	075	81514	82022	11805	855//	01608	84625	88635	
Cape Wrath	049	21424	86020	07405	25600	01720	82630		
Sule Skerry	010	81219	82022	10806	884//	03712	85815	88625	
Lerwick	005	81312	80022	14705	855//	01605	88622		
Stornoway	026	21311	80030	07905	00901	50613	82075		
Benbecula	022	70807	82021	05704	20932	50606	82362	87070	
Tiree	100	71131	62051	03905	654/2	51720	81715	86635	
Aldergrove	917	81121	48022	02103	70977	03713	87462	88270	
Malin Head	980	71118	58051	01405	35742	53610	83650	85360	87070
Belmullet	976	81024	66026	93305	7552/	01725	84627	87645	88458
Birr	965	80819	66216	94605	854//	01713	83715	88636	
Collinstown	969	81022	58616	98404	855//	00521	83622	88650	
Rineanna	962	81035	56506	90506	856//	02721	88630		
Roches Point	952	81029	40616	89407	874//	05620	88711		
Valentia	953	81025	58616	86308	864//	06720	88712		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00020	51	+	+
London Airport	772	00020	00	+	+
Gatwick	776	00020	52	+	+
Thorney Island	871	00041	01	+	+
Hurn	862	00050	04	+	+
Guernsey	894	02051	05	+	$ir_or_or_o$
Wattisham	590	00001	52	+	+
Gorleston	497	00011	50	+	+
Mildenhall	578	00511	55	+	+
Cardington	559	00530	55	+	+
West Raynham	485	00511	52	+	+
Wittering	462	00520	55	ff	ff
Boscombe Down	746	00020	01	+	+
Ross-on-Wye	627	00000	51	+	+
Bristol	628	00020	51	+	+
Aberporth	502	00040	04	+	+
Rhoose (Cardiff)	715	97030	02	+	ir_o
Plymouth	827	04061	05	r_or_o	r_or_orr
Chivenor	707	97061	05	+	ir_o
St. Mawgan	817	05051	05	r_or_orr	rr
Culdrose	809	15062	06	$r_or_oir_orr$	rr
Scilly	804	11081	//	r_or_orr	rr
Elmdon	534	00520	54	+	+
Shawbury	414	00520	55	+	+
Manchester	334	00510	53	+	+
Squires Gate	318	00500	52	+	+
Valley	302	00030	01	+	+
Ronaldsway	204	00030	01	+	+
Carlisle	222	00010	52	+	+
Watnall	354	00513	54	+	ff
Spurn Head	396	00020	//	+	+
Finningley	360	00511	56	+	+
Dishforth	261	00501	52	+	+
Tynemouth	262	00031	00	+	+
Eskdalemuir	162	00521	55	+	+
Mull of Galloway	131	00020	//	/	/
Prestwick	135	00500	52	+	+
Renfrew	141	00011	52	+	+
Leuchars	171	97031	01	ir_o	id_o
Dyce	091	91031	01	ir_o	+
Wick	075	97041	03	+	pr_o
Cape Wrath	049	00030	03	+	+
Sule Skerry	010	00050	05	/	/
Lerwick	005	97041	03	+	pr_o
Stornoway	026	00040	01	+	+
Benbecula	022	00010	54	+	+
Tiree	100	00040	02	+	+
Aldergrove	917	00030	02	+	+
Malin Head	980	00041	03	/	/
Belmullet	976	97041	03	/	/
Birr	965	97050	03	/	/
Collinstown	969	97041	03	/	/
Rineanna	962	97051	04	/	/
Roches Point	952	0907/	06	/	/
Valentia	953	06061	05	/	/

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50621	33100	51318	97022	87206	59400	00638	84910	/////	00204	11323	10943
B	50565	51000	83235	97858	02354	52400	00174	85810	/////	06559	13458	1////
C	50527	35500	82927	97616	75105	8052/	00728	88525	/////	05603	12747	1////
D	50440	41000	83621	98802	90807	825//	00727	88830	/////	06104	13346	1////
I	50591	19100	31335	98018	98709	38500	31605	82820	/////	05203	11349	1////
J	50525	20300	31418	98038	84309	39500	00819	83920	/////	05308	11535	10945
K	50452	16000	23214	98018	87310	22500	00217	82823	/////	05404	13222	10534
M	53660	02000	82508	97022	18906	855//	00208	/////	/////	05104	149/2	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	50619	32906	61228	97031	83006	69400	31613	83810	84915	00104	11233	10943
B	50565	51006	53340	97858	98255	52400	00719	85810	/////	06659	18441	1////
C	50527	35506	82840	97616	72603	8052/	00710	88515	/////	05802	12868	1////
D	50440	41006	83620	97808	86706	825//	00724	88830	/////	06205	13346	1////
I	50589	18806	71134	97022	93009	784//	51733	81818	87635	05201	16141	1////
J	50524	19806	21915	98020	81609	28500	32615	81820	/////	05407	11834	10944
K	50451	15906	02902	97020	89410	00900	00211	/////	/////	05504	13233	10533
M	53660	02006	82508	97022	20006	855//	00211	/////	/////	00005	12523	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37367

Date of Issue Friday 13 March 1964

OBSERVATIONS at 12h. 12 March 1964

Code FM 11.A

ERSION BLE	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
104	Kew	775	80913	23041	00907	8097/	50712	84360	88465	
102	London Airport	772	80818	22042	00607	8097/	00511	85360	88466	
100	Gatwick	776	80914	30052	00707	8097/	50503	82358	88360	
99	Thorney Island	871	80917	37052	99306	3577/	01801	83650	84360	88464
97	Hurn	862	80914	31602	98006	4562/	03801	84630	88459	
95	Guernsey	894	71414	56216	95008	6617/	07205	81702	85705	87360
93	Wattisham	590	70917	32051	03307	00908	52717	87275		
91	Gorleston	497	60924	32051	06205	00904	01711	86075		
90	Mildenhall	578	71017	37051	03409	30948	52616	83360	87270	
88	Cardington	559	80915	40052	01708	10917	51618	81465	88270	
86	West Raynham	485	70923	29041	04507	00902	00720	87075		
84	Wittering	462	80821	35041	03009	00907	51719	88270		
82	Boscombe Down	746	81117	35052	98507	8097/	01501	82362	88464	
81	Ross-on-Wye	627	80712	24052	98607	8092/	51711	88460		
79	Bristol	628	81020	33606	97807	6087/	01610	86357	88460	
77	Aberporth	502	81222	56056	94508	30977	52703	83362	88270	
75	Rhoose (Cardiff)	715	81018	23602	97006	2562/	02605	82630	88460	
73	Plymouth	827	80912	30636	93607	6532/	07704	82709	85620	88530
72	Chivenor	707	80911	40606	95007	4542/	04603	81615	83635	88460
70	St. Mawgan	817	81018	48616	92507	6722/	06202	81704	86707	88550
68	Culdrose	809	81408	23616	91808	871//	08205	82701	84702	88705
66	Scilly	804	71613	56026	91110	3547/	10217	83616	87465	
64	Elmdon	534	70916	40042	01007	7097/	53721	84360	87465	
63	Shawbury	414	80915	37042	00906	8097/	51622	82360	88465	
61	Manchester	334	80917	28041	01807	8097/	53726	82360	88465	
59	Squires Gate	318	71123	28042	02107	7097/	50615	81365	87468	
57	Valley	302	81017	61042	97710	1577/	52709	81650	84362	88465
55	Ronaldsway	204	80827	35042	01206	15637	02804	81645	88270	
54	Carlisle	222	70820	28051	05807	30936	00717	83368	87270	
52	Watnall	354	81117	23044	02908	40917	00721	84465	88270	
50	Spurn Head	396	51130	32021	05804	56400	02717	84715	83625	
48	Finningley	360	71020	40041	05308	00902	01815	87070		
46	Dishforth	261	61017	40041	06108	15831	02815	81657	84365	
45	Tynemouth	262	51128	48052	08905	55600	02604	85630		
43	Eskdalemuir	162	80818	48052	07105	00907	52808	88270		
41	Mull of Galloway	131	71430	58012	02105	7641/	01711	87712		
39	Prestwick	135	71027	58052	03908	10942	54816	81363	84070	87075
37	Renfrew	141	71023	50041	06107	15646	50711	81630	87270	
36	Leuchars	171	81121	60035	09805	8841/	02803	84816	88626	
34	Dyce	091	81315	56052	11805	8541/	50805	83710	88620	
32	Wick	075	81416	62028	11705	8551/	01801	83620	88630	
30	Cape Wrath	049	41618	81020	07406	45600	00707	84630		
28	Sule Skerry	010	61224	66022	09806	6841/	03704	84815	86625	
27	Lerwick	005	51519	82258	15606	58400	03207	83815	83630	
25	Stornoway	026	51312	89021	06608	00902	50505	85075		
23	Benbecula	022	41326	82021	03908	00902	50807	84075		
21	Tiree	100	71130	62012	02207	30972	50817	81360	83365	86072
19	Aldergrove	917	81128	50052	99406	8097/	52714	82359	88462	
18	Malin Head	980	81030	61052	99506	3647/	52609	83718	88461	
16	Belmullet	976	81226	58606	91208	5557/	01706	82722	85635	88458
14	Birr	965	80813	66606	93706	6547/	02302	82718	86640	88459
12	Collinstown	969	81015	56606	97008	6567/	01709	86640	88458	
10	Rineanna	962	81125	48216	90108	8541/	04002	82718	88622	
9	Roches Point	952	81124	32206	89908	8641/	07004	88710		
7	Valentia	953	81708	66606	87410	8641/	08329	87716	88635	

OBSERVATIONS at 18h. 12 March 1964

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	70808	15056	00707	7097/	01305	84359	87362	
772	80810	13212	00307	6563/	02106	86645	88359	
776	70907	23506	00307	5567/	03302	85640	87365	
871	80911	28056	00007	3567/	05311	83630	88359	
862	80808	20056	98507	853//	04305	82706	83710	88622
894	71411	70022	96710	6853/	08312	82825	85640	
590	80915	28052	02407	8097/	51500	85359	88465	
497	71020	23052	04205	00906	02604	87275		
578	81013	37052	02307	8097/	00301	83358	88460	
559	80810	31606	01307	8097/	01302	85359	88460	
485	71016	26042	03305	50978	01301	85465	87275	
462	81011	21042	02207	8097/	50306	87362	88468	
746	80910	28216	98806	5542/	04206	82712	84635	88460
627	80705	13216	99105	863//	04317	88708		
628	81107	21036	98406	873//	05208	88708		
502	81314	14216	95106	4742/	05307	84712	88460	
715	81009	15026	98405	853//	05312	86706	88618	
827	80808	15216	95509	852//	09212	82705	86709	88645
707	81210	28056	96308	863//	06315	86707	88710	
817	71610	56026	94709	5847/	09317	82710	84620	87460
809	72107	50616	93710	7523/	09115	86703	87615	87358
804	81909	61216	93610	6537/	10217	82708	86620	88358
534	81110	20611	00305	6562/	01306	86635	88556	
414	81113	40616	99507	5562/	02308	85635	88459	
334	80918	32042	00207	8097/	52302	85358	88460	
318	81022	26042	99506	8097/	00506	82363	88465	
302	81017	40616	95907	6562/	05503	86645	88459	
204	81028	32612	98607	8092/	02606	88459		
222	40816	32051	03805	15531	01606	81620	83365	
354	81110	17602	02206	7562/	01310	87645	88459	
396	81125	16032	04205	30977	03706	83358	88275	
360	80917	23042	03805	40932	01301	84362	88070	
261	71015	28042	04405	10932	02502	81365	87075	
262	61129	24052	06205	3561/	02810	83635	85460	
162	60916	58052	05003	00902	51301	86072		
131	81430	60032	99307	8741/	01507	88710		
135	60914	50052	01005	40971	52703	84362	83075	
141	80819	23042	03605	15637	00301	81630	85360	88270
171	70923	26048	07605	7641/	03710	87710		
091	81219	37052	10704	8541/	01504	85712	88615	
075	71219	69022	10805	7561/	01501	87630		
049	21420	66020	05105	25600	00713	82630		
010	51230	66012	08606	5341/	04706	85915		
005	81622	74028	15305	8841/	01400	81815	88630	
026	11216	65051	03807	00901	01613	81075		
022	51330	62041	00807	10932	01511	81362	84075	
100	71133	58042	99407	1567/	50601	81640	85360	87362
917	81224	37602	97406	8097/	01504	86358	88460	
980	81127	56052	96808	1567/	53803	81640	88460	
976	81317	48106	91606	8641/	04106	87719	88635	
965	81115	59506	93206	7742/	05206	87714	88458	
969	81214	25616	96006	8631/	05302	81709	84712	88715
962	81115	22215	91707	8734/	06208	82708	84712	88650
952	71409	56806	91909	7622	08221	81704	84708	87715
953	72107	69026	90909	7541/	08321	83716	87635	

OBSERVATIONS during DAY

iii	RRT T+ E+	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	91080	000	+	$r_0r_0ir_0$
772	91081	000	+	$ir_0r_0r_0$
776	91091	000	+	id_0ir_0
871	01081	000	ir_0rr	$irir_0$
862	01071	///	r_0r_0rr	$r_0r_0ir_0$
894	03111	003	r_0r_0rr	+
590	00071	///	+	+
497	00050	013	+	+
578	00090	009	+	+
559	97090	000	+	r_0r_0
485	00091	048	+	+
462	91101	007	+	r_0r_0
746	01071	000	ir_0rr	ir_0
627	03081	000	r_0r_0	$irrrir_0$
628	02081	000	$ir_0r_0r_0rr$	r_0r_0
502	93082	000	ir_0	$r_0r_0ir_0id_0$
715	03061	000	r_0r_0drrr	rrr_0r_0
827	14092	001	rrr_0r_0	iriR
707	01081	000	$ir_0r_0r_0$	ir_0ir
817	05101	000	rrr_0r_0	r_0r_0
809	05112	001	rrr_0r_0	$ir_0r_0r_0$
804	92122	002	ir	ir_0
534	01091	000	+	r_0r_0
414	01101	000	+	$ir_0r_0r_0rr$
334	97090	005	+	ir_0
318	95091	003	+	r_0r_0
302	01101	000	ir_0	ir_0
204	94081	007	+	r_0r_0dr
222	00090	035	+	+
354	02092	002	+	ir_0rr
396	C0050	044	+	+
360	97091	025	+	ir_0
261	00081	050	+	+
262	00051	000	+	+
162	00061	038	+	+
131	97071	///	/	/
135	00100	054	+	+
141	00091	024	+	+
171	97061	001	pr_0	+
091	00051	001	+	+
075	00051	004	+	+
049	00071	///	+	+
010	00060	///	/	/
005	91061	006	pr_0	pr_0
026	00090	090	+	+
022	00090	059	+	+
100	00080	019	+	+
917	04081	000	+	$ir_0r_0r_0rr$
980	0009/	000	/	/
976	9708/	000	/	/
965	9107/	000	/	/
969	0908/	000	/	/
962	0108/	000	/	/
952	0309/	000	/	/
953	0311/	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	50620	32812	71119	97158	78307	69470	00819	84910	/////	00204	11135	10943
B	50565	51012	63342	97858	96754	62400	00602	86810	/////	06559	18441	1////
C	50527	35512	82740	97858	72103	6742/	00305	86815	88540	05751	17851	1////
D	50440	41012	83620	98218	85008	5257/	00202	85825	88359	05803	13546	1////
I	50589	18912	81236	97618	87208	834//	00733	85918	88630	05406	16242	1////
J	50524	20112	22216	99011	82710	22400	00105	82822	/////	00005	12233	10945
K	50451	16012	81415	97606	90511	5847/	00000	83713	88460	05207	11723	10454
M	53660	02012	81810	97022	21506	855//	00204	/////	/////	05103	11923	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	32918	81023	96618	74705	6742/	21511	86810	/////	05205	11045	1////
B	50565	51018	63342	96858	97955	62400	00306	86810	/////	06759	17352	1////
C	50527	35518	72642	96858	69903	62430	00819	86810	/////	05700	17853	1////
D	50440	41018	83442	97808	88508	824//	00220	88815	/////	05903	13549	1////
I	50591	19118	81437	96618	82608	6242/	00515	84715	85820	05306	16441	16652
J	50526	20018	51823	99021	82911	52501	00401	85825	81075	00106	12134	11944
K	50453	15918	52222	97018	89412	48540	00302	83813	/////	00008	12223	11734
M	53660	02018	31512	98022	21506	21660	00600	/////	/////	00/03	11523	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

TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
12 MARCH 1964

Explanation of symbols

CLOUD

Symbol

Sky

WEATHER

Symbol

Mist

Fog

Driz

Rain

Rain

Rain

Snow

Rain

Rain sh

Snow

Hail

Thu

WIND

Symbol

For each half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE

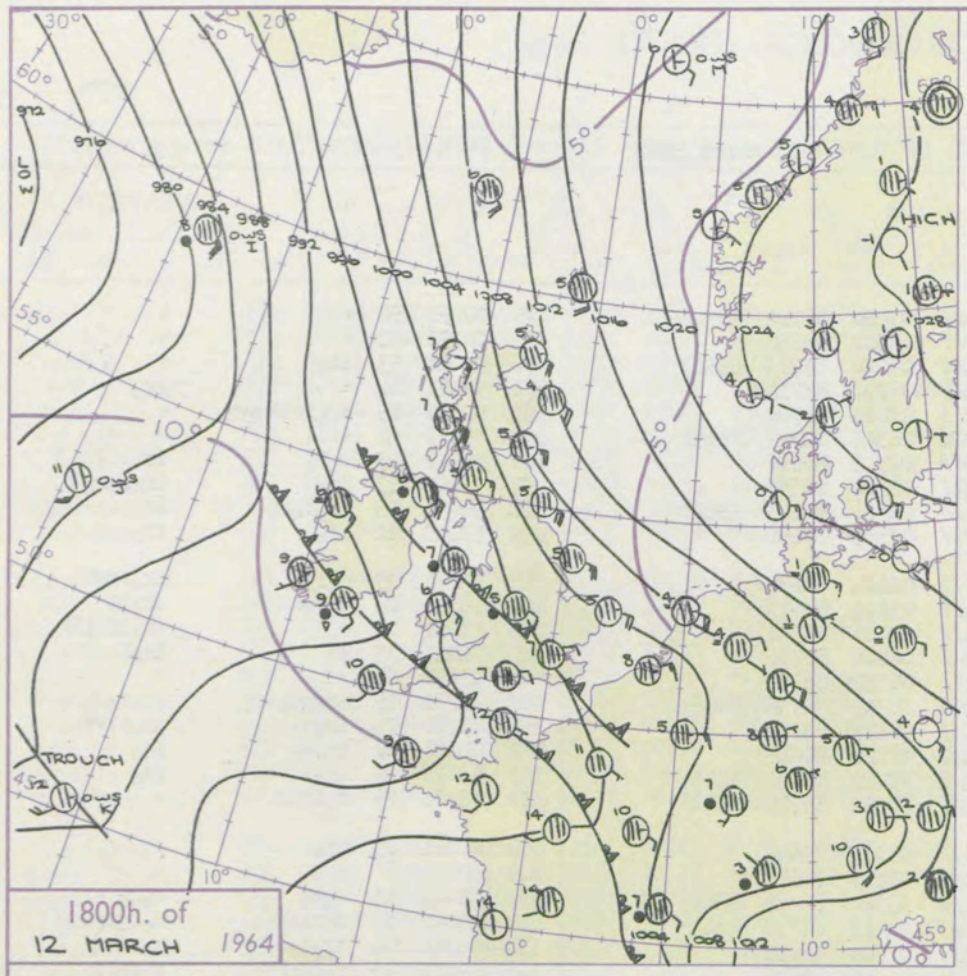
nation
mbols

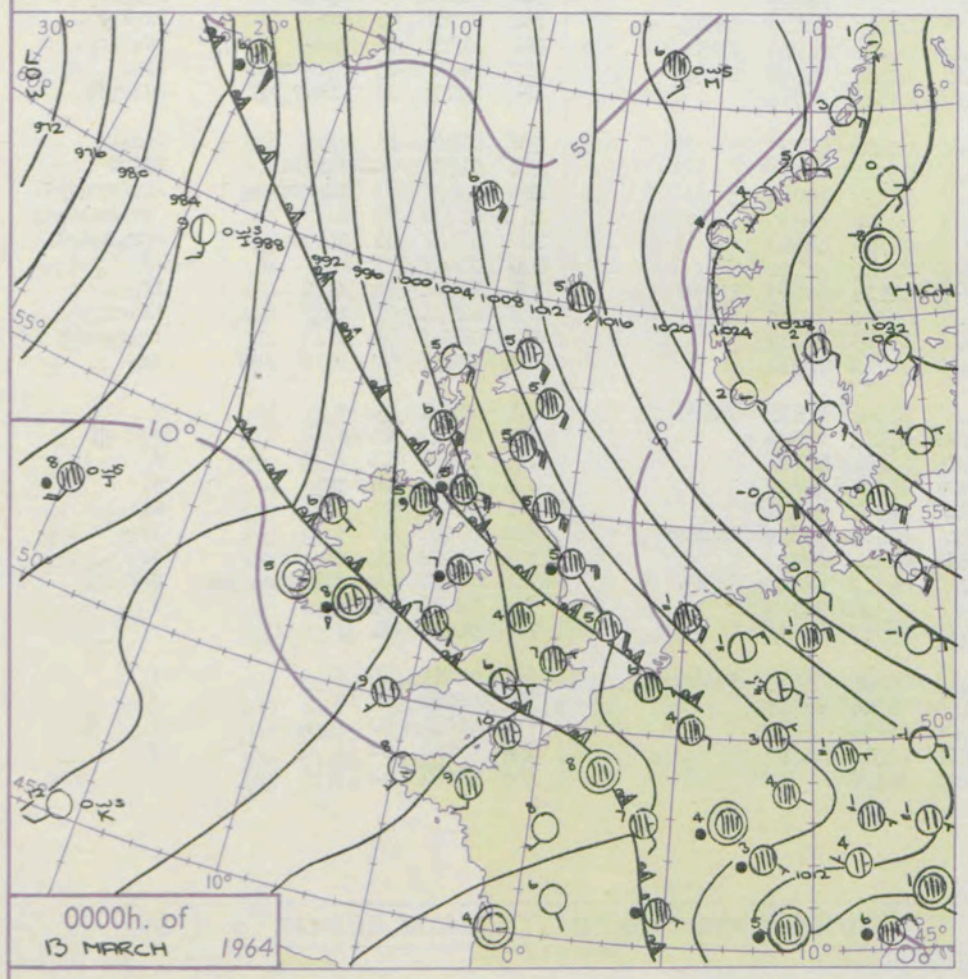
OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
obscured

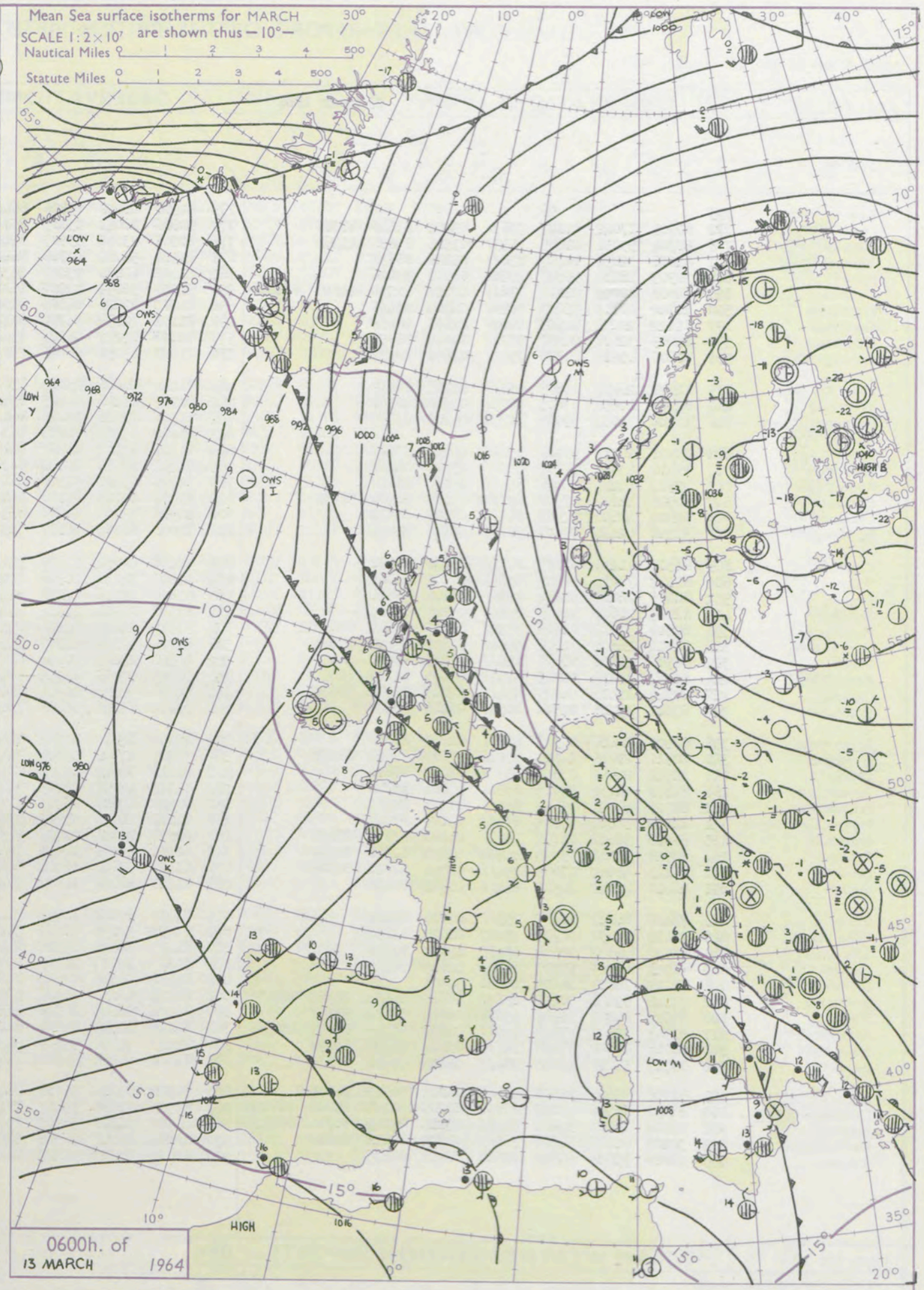
THER
Weather

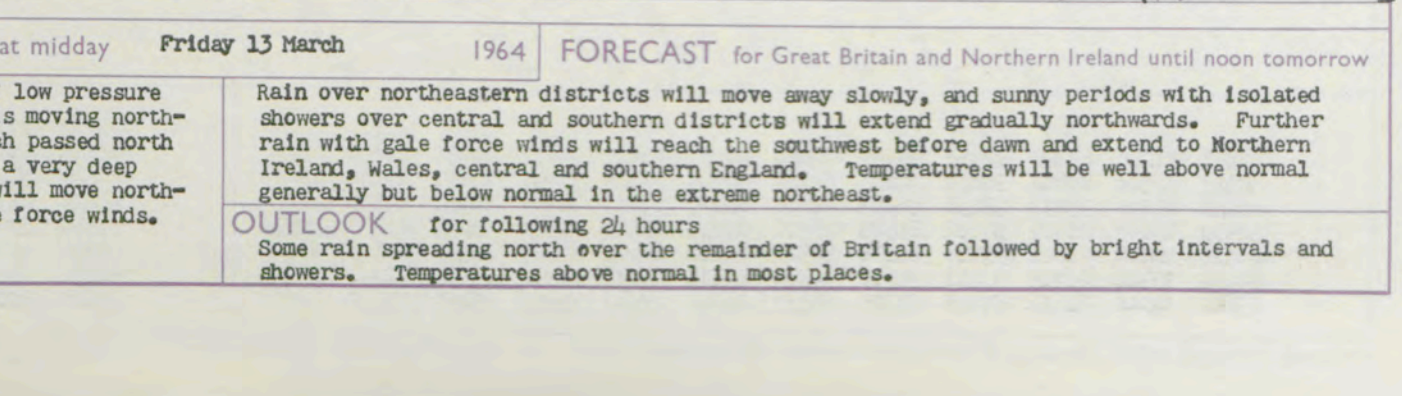
zle
and
izzle
and snow
w
shower
and snow
ower
w shower
shower
nderstorm

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 13 March** 1964

The anticyclone now over Finland continues to intensify and the trough of low pressure moving north over Britain is weakening. A deep and complex depression is moving northwards between Iceland and Greenland. Another deepening depression, which passed north of the Azores last night, is turning northeast and is expected to become a very deep system to the west of Ireland tomorrow. The associated frontal system will move northeast across southwestern areas of Britain tomorrow morning, bringing gale force winds.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Rain over northeastern districts will move away slowly, and sunny periods with isolated showers over central and southern districts will extend gradually northwards. Further rain with gale force winds will reach the southwest before dawn and extend to Northern Ireland, Wales, central and southern England. Temperatures will be well above normal generally but below normal in the extreme northeast.

OUTLOOK for following 24 hours

Some rain spreading north over the remainder of Britain followed by bright intervals and showers. Temperatures above normal in most places.

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

Code FM 11.A

OBSERVATIONS at 00h. 13 March 1964

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			06					
London Airport	772	80705	17042	01107	3563/	03202	83640	88360	
Gatwick	776	60704	33051	01605	3573/	03305	83656	85362	
Thorney Island	871	81008	32036	00707	856//	05206	88632		
Hurn	862	30905	28216	99506	35500	05000	83628		
Guernsey	894	71808	80022	01108	784//	07214	32710	84825	86640
Wattisham	590	81010	40616	03405	8092/	02304	88457		
Gorleston	497	81122	20052	04905	8092/	02101	88458		
Mildenhall	578	81009	32606	02807	857//	02101	88656		
Cardington	559	70606	19216	01706	756//	03801	87637		
West Raynham	485	81020	26602	03805	858//	02102	88657		
Wittering	462	80908	20656	03005	8072/	03501	88556		
Boscombe Down	746	30908	32051	99905	30930	04000	83359		
Ross-on-Wye									
Bristol	628	70606	20012	99906	756//	04202	87645		
Aberporth	502	81410	23058	97807	8097/	05305	88460		
Rhoose (Cardiff)	715	80909	14212	99006	854//	05103	88619		
Plymouth	827	80908	21212	97507	853//	07208	86706	88618	
Chivenor	707	81406	40606	97907	864//	07203	88710		
St. Mawgan	817	91310	02476	97507	9////	06103	89/00		
Culdrose	809	81502	11216	97107	871//	07209	88702		
Scilly	804	62107	79032	96509	653//	09209	86606		
Elmdon	534	80405	28216	01404	855//	03205	88626		
Shawbury	414	81003	28606	01405	855//	03305	88623		
Manchester	334	80910	32212	01805	7552/	02105	87628	88459	
Squires Gate	318	81014	26606	01404	5552/	03400	85627	88545	
Valley	302	80506	40606	98607	855//	05210	82625	88650	
Ronaldsway	204	81127	15215	99805	4742/	04205	84715	88457	
Carlisle	222	80914	19616	04805	854//	02003	83715	88635	
Watnall	354	80611	17216	02904	8052/	03101	88528		
Spurn Head	396	80926	16616	04305	864//	02802	88715		
Finningley	360	80911	27616	04505	5562/	03103	85643	88559	
Dishforth	261	80912	26602	05304	855//	03602	88620		
Tynemouth	262	81329	24052	07005	865//	03204	88720		
Eskdalemuir	162	80709	48622	05603	854//	01301	88619		
Mull of Galloway	131	81620	56606	99805	874//	03607	88710		
Prestwick	135	81026	58602	01705	3567/	01400	83632	88359	
Renfrew	141	80918	58042	03905	40937	00400	84360	88270	
Leuchars	171	81123	48042	07905	864//	02801	83711	88716	
Dyce	091	81421	48042	10505	854//	00702	88618		
Wick	075	71428	66022	10805	755//	02801	87625		
Cape Wrath	049	21428	58050	04703	25600	00218	82630		
Sule Skerry	010	51530	66032	08006	554//	05203	85615		
Lerwick	005	81521	66028	15705	854//	02803	88615		
Stornoway	026	01219	74010	04005	00900	00001			
Benbecula	022	71126	59042	00607	45632	01604	84643	85362	86075
Tiree	100	81029	56042	99906	6567/	00603	86637	88358	
Aldergrove	917	81315	32506	97805	852//	04602	81705	85708	88614
Malin Head	980	81018	48606	97406	5647/	03804	85 15	88459	
Belmullet	976	71307	56216	93606	764//	05209	86714	87630	
Birr	965	81308	59606	95507	874//	06212	86713	88630	
Collinstown	969	81412	16586	97007	870//	07207	82701	85702	88704
Rineanna	962	82004	24605	95108	863//	07218	83705	86708	88715
Roches Point	952	50000	66806	94808	584//	08109	82816	85650	
Valentia	953	10000	72016	94905	15600	04215	81635		

OBSERVATIONS at 06h. 13 March 1964

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	80904	48022	03806	864//	03220	86712	88720	
London Airport	772	80806	28041	03405	857//	04317	88650		
Gatwick	776	80601	23106	03903	854//	03220	83713	88647	
Thorney Island	871	81501	56021	03706	864//	06222	88712		
Hurn	862	81405	62031	03007	863//	07221	88708		
Guernsey	894	52107	58031	03907	45102	06324	82702	83620	
Wattisham	590	81010	19626	04804	855//	02313	88628		
Gorleston	497	81121	32056	06704	8072/	02114	88550		
Mildenhall	578	81008	23212	04505	855//	03314	86625	88640	
Cardington	559	71107	17056	03705	757//	03313	87650		
West Raynham	485	81216	20606	05203	856//	02214	88630		
Wittering	462	80907	23216	04405	854//	03312	88617		
Boscombe Down	746	81707	09426	02407	861//	07218	88702		
Ross-on-Wye	627	80602	13216	01805	863//	04208	88706		
Bristol	628	81308	13102	01207	862//	06312	88704		
Aberporth	502	81511	19616	00006	6637/	06313	86706	88460	
Rhoose (Cardiff)	715	81006	05466	01506	861//	06119	88702		
Plymouth	827	82406	62025	01108	854//	07220	88618		
Chivenor	707	80908	32206	01008	853//	07219	86707	88614	
St. Mawgan	817	72004	66014	01107	753//	07222	85708	87618	
Culdrose	809	52408	60052	00608	554//	07223	85618		
Scilly	804	12306	74011	00908	15400	07218	81614		
Elmdon	534	80806	23026	02705	854//	03311	86712	88615	
Shawbury	414	81108	20586	02704	854//	04211	84710	88615	
Manchester	334	80813	24612	02604	855//	02308	88625		
Squires Gate	318	81117	30046	02705	855//	03211	88625		
Valley	302	80508	28606	00106	855//	05210	83620	88645	
Ronaldsway	204	81021	17046	01705	6742/	04112	86710	88458	
Carlisle	222	80910	32216	05504	6562/	02309	86640	88458	
Watnall	354	70712	12216	04403	774//	03313	87714		
Spurn Head	396	80930	16616	04905	864//	02208	88715		
Finningley	360	70911	17606	05504	764//	03309	87711		
Dishforth	261	81110	20616	06503	874//	03310	88710		
Tynemouth	262	81329	16058	08005	864//	03308	88715		
Eskdalemuir	162	80607	40616	06303	873//	01307	88709		
Mull of Galloway	131	81616	16056	02305	874//	02216	88710		
Prestwick	135	70917	48026	02305	755//	02206	82623	87650	
Renfrew	141	80811	56616	04605	854//	03210	83716	88630	
Leuchars	171	81124	37602	08304	864//	03305	88712		
Dyce	091	81321	56602	11404	864//	01212	86711		
Wick	075	71428	66022	11405	754//	02306	83618	87625	
Cape Wrath	049	30935	58050	02905	35600	03101	83630		
Sule Skerry	010	81437	58026	07006	874//	06701	88710		
Lerwick	005	31529	74031	16705	35500	52307	83628		
Stornoway	026	81214	58601	03506	856//	02501	88630		
Benbecula	022	81325	62216	00507	5551/	03103	85629	88460	
Tiree	100	81231	56606	00506	855//	04311	88621		
Aldergrove	917	81214	20515	00306	862//	05312	85704	88705	
Malin Head	980	81113	32106	99806	863//	05320	88709		
Belmullet	976	11507	66021	96506	16430	05217	81718		
Birr	965	81504	62016	98108	764//	06216	85715	87631	
Collinstown	969	81509	17586	99407	871//	06316	88701		
Rineanna	962	21706	24426	98005	25600	05214	82630		
Roches Point	952	10000	66028	98505	15600	04314	81638		
Valentia	953	00000	74020	97303	00900	02208			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONVECTION CLOUD TYPES °C to
Kew	775	00050	50	+	+	40
London Airport	772	00051	02	+	+	39
Gatwick	776	97011	53	ir_o	+	38
Thorney Island	871	97051	04	+	ir_o	37
Hurn	862	02061	05	$ir_oirRr_or_o$	+	36
Guernsey	894	00071	04	+	+	35
Wattisham	590	92041	03	r_or_o	ir	34
Gorleston	497	97041	03	ir_o	$ir_or_or_o$	33
Mildenhall	578	96051	03	$ir_or_or_o$	ir	32
Cardington	559	97040	01	ir_o	ir_o	31
West Raynham	485	03031	03	r_or_o	ir_orrRR	30
Wittering	462	04041	03	r_or_oRR	ir_oiR	29
Boscombe Down	746	97051	03	+	$ir_oiffffF$	28
Ross-on-Wye	627	01041	03	pR	ir_of	27
Bristol	628	00051	02	+	+	26
Aberporth	502	01061	05	$id_opr_oir_o$	$ir_or_or_o$	25
Rhoose (Cardiff)	715	01051	05	$ir_od_or_o$	ir_offFF	24
Plymouth	827	01071	06	$irir_o$	id_o	23
Chivenor	707	93071	05	ir_o	id_o	22
St. Mawgan	817	93061	05	r_or_oif	+	21
Culdrose	809	01061	05	ir_o	+	20
Scilly	804	00081	//	+	+	19
Elmdon	534	01041	03	r_or_o	r_or_o	18
Shawbury	414	91041	03	$r_or_oir_o$	d_or_ofdr	17
Manchester	334	01041	04	ir_odr	r_or_orr	16
Squires Gate	318	02041	03	r_or_orr	r_or_orr	15
Valley	302	93061	05	ir_o	$ir_or_or_o$	14
Ronaldsway	204	91051	04	d_or_o	ir_o	13
Carlisle	222	02041	03	$r_or_orrir_o$	ir_o	12
Watnall	354	05031	03	$rrRRr_or_o$	$RRir_off$	11
Spurn Head	396	03032	//	r_or_o	r_or_orr	10
Finningley	360	09031	03	r_or_orr	RRfrr	9
Dishforth	261	04031	03	$ir_orrr_or_o$	$ir_oirr_or_oiR$	8
Tynemouth	262	01032	03	+	$pr_oir_or_or_o$	7
Eskdalemuir	162	03021	01	$irrrr_or_o$	$rrr_or_od_od_o$	6
Mull of Galloway	131	95051	//	/	/	5
Prestwick	135	97041	04	r_or_o	ir_o	4
Renfrew	141	02031	02	ir_o	ir_orr	3
Leuchars	171	04042	03	+	$ir_or_or_oRR$	2
Dyce	091	97031	03	+	ir_o	1
Wick	075	00041	04	+	+	0
Cape Wrath	049	00030	03	+	+	−1
Sule Skerry	010	97051	03	/	/	−2
Lerwick	005	97041	03	pr_o	+	−3
Stornoway	026	92051	03	+	r_or_o	−4
Benbecula	022	97061	03	+	ir_o	−5
Tiree	100	97050	04	ir_o	ir_o	−6
Aldergrove	917	01041	04	$rrr_or_od_od_oid_o$	$d_od_oid_o$	−7
Malin Head	980	92051	05	/	/	−8
Belmullet	976	92041	01	/	/	−9
Birr	965	05061	05	/	/	−10
Collinstown	969	04061	05	/	/	−11
Rineanna	962	01031	50	/	/	−12
Roches Point	952	05041	51	/	/	−13
Valentia	953	94021	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												
B	60565	51000	63343	97858	97657	62400	00000	86810	/////	07058	18351	1////
C	60527	35500	82846	96858	70203	874//	90309	88815	/////	05801	17864	1////
D	60440	41000	33237	98258	96005	32400	00227	83815	/////	06451	18550	1////
I	60592	19200	21616	97016	85509	28500	00214	81820	/////	05207	11633	11647
J	60526	20000	81822	97616	84208	855//	41212	88625	/////	05507	11835	11947
K	60452	15900	02012	97011	92712	00900	41110	/////	/////	00010	12236	11843
M	63660	02000	81614	97022	21706	885//	00400	/////	/////	00104	11634	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	60618	33006	31011	97021	68506	38400	31805	82810	/////	00003	11021	11747
B	60565	51006	53240	97858	97256	52400	00105	85810	/////	06861	18351	1////
C	60527	35506	82841	97808	73803	876//	00222	88820	/////	05701	17852	1////
D	60440	41006	23034	98020	99303	22400	00114	82835	/////	06851	1/550	1////
I	60590	19006	11628	98010	86109	12500	41204	81820	/////	05106	11634	149/7
J	60524	20106	11708	98016	84209	00901	00501	81070	/////	05205	11822	11844
K	60450	16106	82021	96581	89613	875//	41616	88706	/////	00213	11836	12243
M	63660	02006	21714	98010	22306	20760	00204	/////	/////	00004	11634	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37368 — Date of Issue Saturday 14 March 1964

OBSERVATIONS at 12h. 13 March 1964

Code FM 11.A

ERSION BLE °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	72109	74032	06911	785//	07215	86825	85645	
102	London Airport	772	62108	59012	06612	52430	07112	82712	85815	
100	Gatwick	776	61908	62038	07312	63501	08212	85825	81925	
99	Thorney Island	871	61908	62036	07609	52502	07215	85820		
97	Hurn	862	41911	74011	07212	42530	07318	84825		
95	Guernsey	894	81509	62216	07508	751//	07213	83702	86703	
93	Wattisham	590	90910	08456	08105	9////	05114	89/05		
91	Gorleston	497	81316	15636	09904	8052/	03216	88524		
90	Mildenhall	578	81109	23052	07707	763//	05214	87705		
88	Cardington	559	61602	48051	06813	22630	07211	82830	85358	
86	West Raynham	485	81219	14052	08604	863//	03215	88706		
84	Wittering	462	71008	14046	07408	763//	06112	87707		
82	Boscombe Down	746	72007	82034	06711	785//	06219	84820	87630	
81	Ross-on-Wye	627	72605	24054	05410	725//	08215	87825		
79	Bristol	628	41611	69011	05313	48500	07213	83820		
77	Aberporth	502	71813	59206	03509	752//	08214	84705	86625	
75	Rhoose (Cardiff)	715	71405	69036	05310	784//	07216	81817	87625	
73	Plymouth	827	31512	66021	05112	22430	09115	82818		
72	Chivenor	707	42009	82021	04913	42430	07216	84818		
70	St. Mawgan	817	61414	66031	04011	5143/	07110	82710	85813	
68	Culdrose	809	51618	78011	03211	22432	07106	82812	83070	
66	Scilly	804	51614	66012	02310	48430	09102	82812	84620	
64	Elmdon	534	81307	23055	05709	862//	07213	86705	88709	
63	Shawbury	414	81009	06465	06006	362//	05217	88703		
61	Manchester	334	81013	17046	06106	862//	03314	86705	88710	
59	Squires Gate	318	81018	22106	05406	863//	05210	88707		
57	Valley	302	81511	22046	03709	855//	06213	82625	88640	
55	Ronaldsway	204	81223	22212	04506	862//	04110	81705	86708	88712
54	Carlisle	222	80917	37216	07805	7647/	03208	87710	88359	
52	Watnall	354	80810	09506	07105	852//	87705	88620		
50	Spurn Head	396	80926	10616	09004	873//	03214	88708		
48	Finningley	360	81110	15216	08305	863//	04110	88706		
46	Dishforth	261	81010	20617	08904	872//	03208	88705		
45	Tynemouth	262	81330	24606	10304	864//	02207	88715		
43	Eskdalemuir	162	80706	48506	08303	67#2/	02005	86710	88459	
41	Mull of Galloway	131	81620	16606	04905	874//	04217	88710		
39	Prestwick	135	80712	56626	05205	855//	03206	82628	84635	87650
37	Renfrew	141	80714	26216	07105	853//	03109	83708	87617	
36	Leuchars	171	81127	28636	10704	6722/	03211	83705	85709	88515
34	Dyce	091	81326	40216	13004	854//	01205	86712	88618	
32	Wick	075	81422	58025	12705	854//	02301	85615	88625	
30	Cape Wrath	049	80926	58052	05605	855//	01708	88625		
28	Sule Skerry	010	81237	58022	09406	874//	05213	88710		
27	Lerwick	005	81532	66022	19004	855//	51210	88625		
25	Stornoway	026	71320	61056	05507	1557/	03108	81827	84358	87460
23	Benbecula	022	81528	66216	03207	7552/	04109	81621	87635	88459
21	Tiree	100	81127	58216	03907	4542/	04114	82715	84625	88458
19	Aldergrove	917	81214	19516	03306	862//	04109	86704	88707	
18	Malin Head	980	81212	24106	02507	862//	05211	88704		
16	Belmullet	976	31810	81030	98711	22502	06004	82820	83070	
14	Birr	965	61511	77012	00611	685//	03006	84820	86630	
12	Collinstown	959	81412			861//	07212	88701		
10	Rineanna	962	31413	80034	99811	12502	05000	81822	83075	
9	Roches Point	952	31210	74011	00309	11501	08802	81822	83072	
7	Valentia	953	31216	86011	97412	11531	04809	81825	83075	

OBSERVATIONS at 18h. 13 March 1964

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	41610	66011	09110	24541	05314	82620		
London Airport	772	21810	66011	08711	21530	05311	82824		
Gatwick	776	21805	66020	09409	20988	06210	82360		
Thorney Island	871	71004	66031	08909	7097/	07207	87362		
Hurn	862	51108	58011	08109	35634	07304	83638	83075	
Guernsey	894	71411	70031	06509	45632	07302	84640	86360	
Wattisham	590	80910	09464	10505	855//	05310	88625		
Gorleston	497	81417	12056	11504	8052/	03212	88524		
Mildenhall	578	81108	19052	09807	852//	05308	84705	88635	
Cardington	559	31108	36051	08409	22631	07310	82830		
West Raynham	485	81118	06466	10605	861//	04210	88702		
Wittering	462	80708	10046	09707	862//	06311	88704		
Boscombe Down	746	71507	74021	08110	5563/	06211	85645	86360	
Ross-on-Wye	627	51504	70031	06811	45601	04213	84630		
Bristol	628	71406	56040	06611	756//	04206	87630		
Aberporth	502	61416	74031	03511	55642	05602	85645	84075	
Rhoose (Cardiff)	715	71511	80031	06009	5563/	05206	85635	86359	
Plymouth	827	61314	58016	04609	625/1	08303	86820	86072	
Chivenor	707	71216	69026	04610	55532	07303	85625	87075	
St. Mawgan	817	81215	58036	02609	6727/	08803	81704	86705	88462
Culdrose	809	81513	58026	02610	852//	09503	86704	88618	
Scilly	804	81519	32628	99910	863//	10709	88708		
Elmdon	534	21106	50041	07310	15730	06208	81650		
Shawbury	414	41008	08444	07008	45500	07305	81625	84650	
Manchester	334	30913	12045	07906	35400	04310	83615		
Squires Gate	318	51017	19045	07105	553//	04207	82708	84630	
Valley	302	41210	80036	04610	38502	06407	81825	83635	
Ronaldsway	204	71121	10106	05206	5523/	06302	83705	84625	86360
Carlisle	222	60913	56016	09305	5543/	02207	81718	85640	
Watnall	354	80909	08468	09306	864//	05315	88712		
Spurn Head	396	80925	12216	10304	864//	03204	88710		
Finningley	360	81013	16042	10305	863//	04211	88706		
Dishforth	261	81110	17506	10904	872//	03209	87704	88710	
Tynemouth	262	81327	16507	11904	873//	03212	88708		
Eskdalemuir	162	81010	48056	09703	862//	01309	88704		
Mull of Galloway	131	81622	12606	05005	873//	04202	88706		
Prestwick	135	81017	35046	06805	854//	03202	81618	88622	
Renfrew	141	80912	11046	08305	854//	03307	84712	88618	
Leuchars	171	81120	25616	12104	7722/	03311	87705	88510	
Dyce	091	81332	37616	14204	854//	02211	82707	85709	88615
Wick	075	81626	48506	13905	854//	03208	86712	88618	
Cape Wrath	049	60930	64022	06705	4853/	00210	83820	84625	85360
Sule Skerry	010	81237	58022	10306	874//	06209	88710		
Lerwick	005	81533	62036	20204	854//	00310	84618	88625	
Stornoway	026	51215	64016	06308	25740	03304	82656	84362	
Benbecula	022	81324	62022	04207	7552/	04101	86635	88459	
Tiree	100	81129	59046	04406	854//	03201	85716	88625	
Aldergrove	917	81115	09445	03507	862//	05202	88703		
Malin Head	980	71119	16102	02207	761//	05603	86702	87650	
Belmullet	976	41317	82011	05711	12532	04617	81822	84070	
Birr	965	71214	82021	99009	25602	04709	82630	87072	
Collinstown	969	21314	56105	02407	26230	06304	81704		
Rineanna	962	71222	80031	96310	58532	06718	81820	85625	87070
Roches Point	952	81219	56102	97209	86311	07722	88707		
Valentia	953	81218	69608	91311	7647/	07732	87718	88459	

OBSERVATIONS during DAY

iii	RRT T+ E+	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	00140	055	+	+
772	00150	065	+	+
776	97141	056	pr_o	+
871	97101	055	+	ir_o
862	97121	///	+	r_o
894	92111	033	ir_o	r_or_o
590	97081	///	$ffir_off$	ffFF
497	04052	000	$r_or_oir_orr$	ir_o
578	00091	000	+	+
559	97140	017	pr_o	f
485	94051	000	$ir_orrd_od_off$	ff
462	97101	000	+	ir_off
746	00131	042	FF	+
627	00141	032	if	+
628	00141	049	+	+
502	97121	031	id_o	+
715	97131	063	+	ir_o
827	93121	058	ir_oid_o	r_or_o
707	97151	061	+	ir_o
817	01121	059	ir_oid_o	$ir_or_or_orr$
809	03112	042	ir_oid_o	ir_orr
804	04122	047	pr_o	rrpR
534	92121	012	id_o	ff
414	97091	000	id_oif	ffif
334	97081	000	id_o	if
318	91071	000	r_or_o	d_o
302	97121	042	id_oir_o	+
204	97071	000	ir_oid_o	ir_oif
222	91061	000	$ir_or_or_o$	+
354	91081	000	$ir_oid_offpr_o$	ff
396	01041	000	rrr_or_o	ir_oid_o
360	01061	000	r_or_orrRR	+
261	03041	000	$iR1RSrrr_or_o$	id_o
262	02042	000	$rsrsir_o$	$id_or_or_oir_o$
162	97041	000	id_oir_o	+
131	95061	///	/	/
135	01061	000	$ir_or_or_o$	+
141	93061	000	r_or_o	r_or_o
171	04052	000	$r_or_oRRrrir_o$	$ir_or_or_o$
091	03051	000	ir_o	$r_or_or_oS_o$
075	97051	000	id_oir_o	id_oir_o
049	00060	///	+	+
010	00061	///	/	/
005	97051	000	ir_o	+
026	97080	002	ir_o	ir_o
022	97081	000	ir_o	ir_o
100	00070	000	ir_o	ir_o
917	93072	000	$id_od_od_or_od_of$	$d_od_oifid_o$
980	9708/	000	/	/
976	9712/	082	/	/
965	0013/	059	/	/
969	9409/	018	/	/
962	9713/	060	/	/
952	9710/	061	/	/
953	9713/	046	/	/

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	60620	33012	51623	98258	68106	39460	00115	82910	/////	00001	11633	10948
B	60565	51012	53243	97858	07857	52400	00207	83810	/////	07061	18351	1////
C	60527	35512	83132	96858	79403	6241/	00230	86815	/////	05701	17851	1////
D	60440	41012	73140	98858	04303	72400	00224	87815	/////	06402	18550	1////
I	60590	19012	71329	98031	87510	5843/	00108	83818	1////	00007	11245	12233
J	60524	20212	81126	98011	79411	4257/	00839	84825	83359	00109	11144	11645
K	60450	15712	01836	96616	88314	864//	41804	88710	/////	00313	11848	12244
M	63660	02012	51820	98012	24908	55500	00212	/////	/////	00303	11834	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33118	61416	97158	68806	49463	00003	82910	84615	05003	11423	11048
B	60565	51018	63132	97858	98756	62400	00203	86810	/////	06861	18251	1////
C	60527	35518	83031	96858	86202	8742/	00234	86811	/////	06052	18066	1////
D	60440	41018	83131	98028	09505	845//	00217	87625	/////	06553	18251	1////
I	60591	19018	71530	96258	88709	5847/	00011	83818	85635	05107	11535	12046
J	60525	20318	81026	96636	69009	6732/	30648	86706	88510	05209	11047	11257
K	60449	15918	71846	96036	81913	684//	41601	83710	86826	00211	16942	12346
M	63660	02018	11720	98020	26507	11600	00210	/////	/////	05003	11755	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

CIVIL TWILIGHT (Mid-March)

Explan
of sy

CL

Symbol

Sky

WEA

Symbol

Mist

Fog

Drizz

Rain
d

Rain

Rain

Snow

Rain
sh

Snow

Hail

Thu

W

Symbol

For each
half-feat
5 knots

NAUTICAL MILES

0 500 1000

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

1200h. of
13 MARCH 1964

CHARTS OF WEATHER IN WEST EUROPE

nation
nbols

OUD
Cloud
Amount
(oktas)

0
1 or less
2
3
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5
6
7 or more
8
obscured

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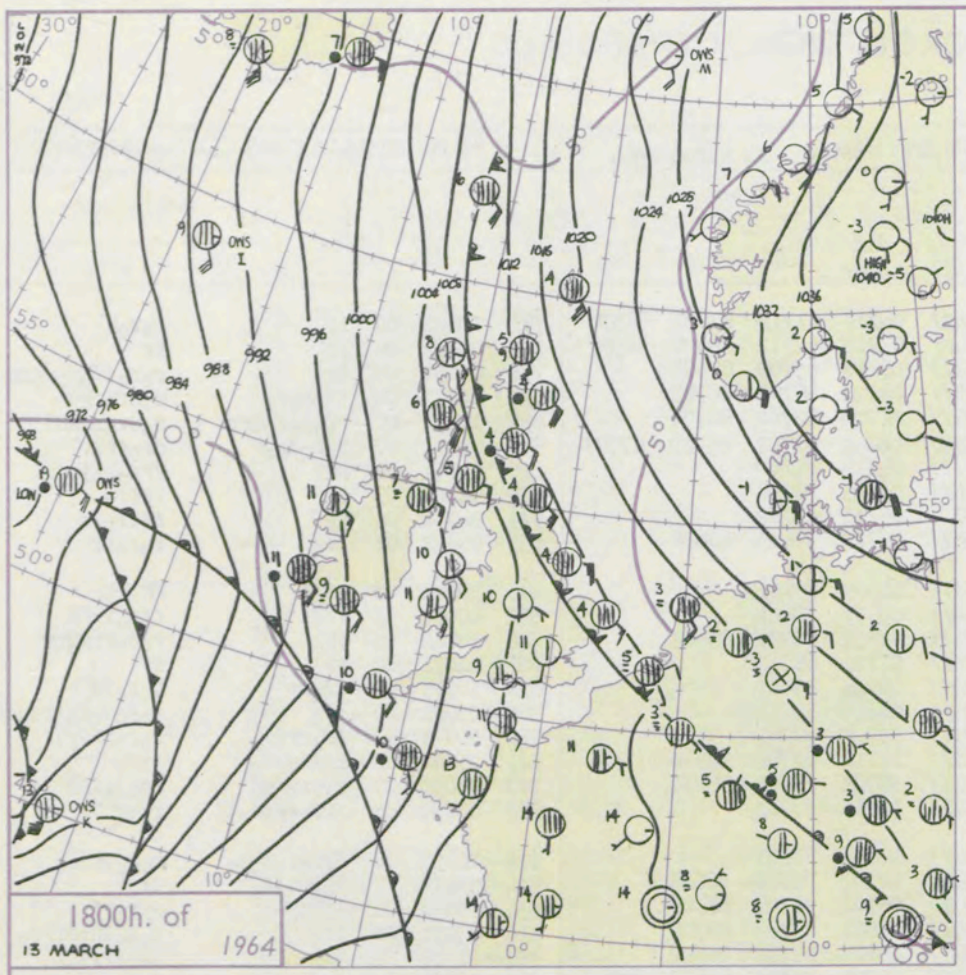
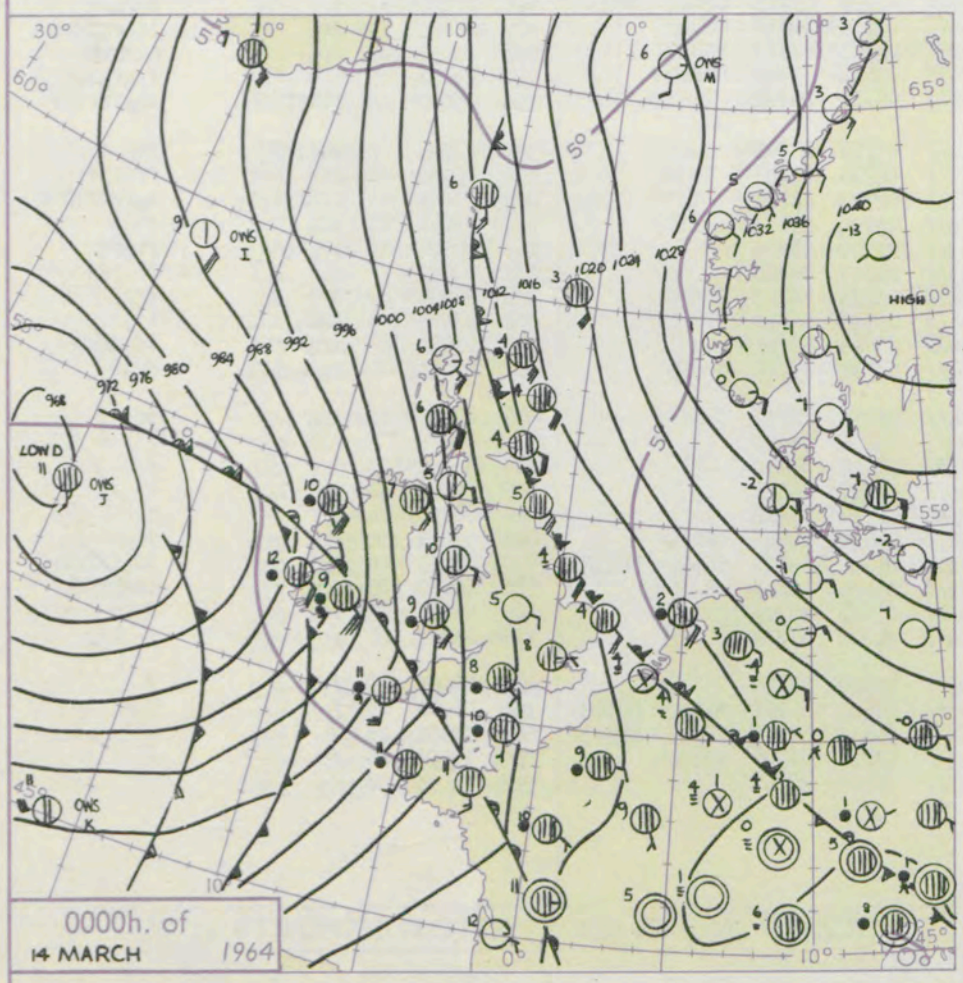
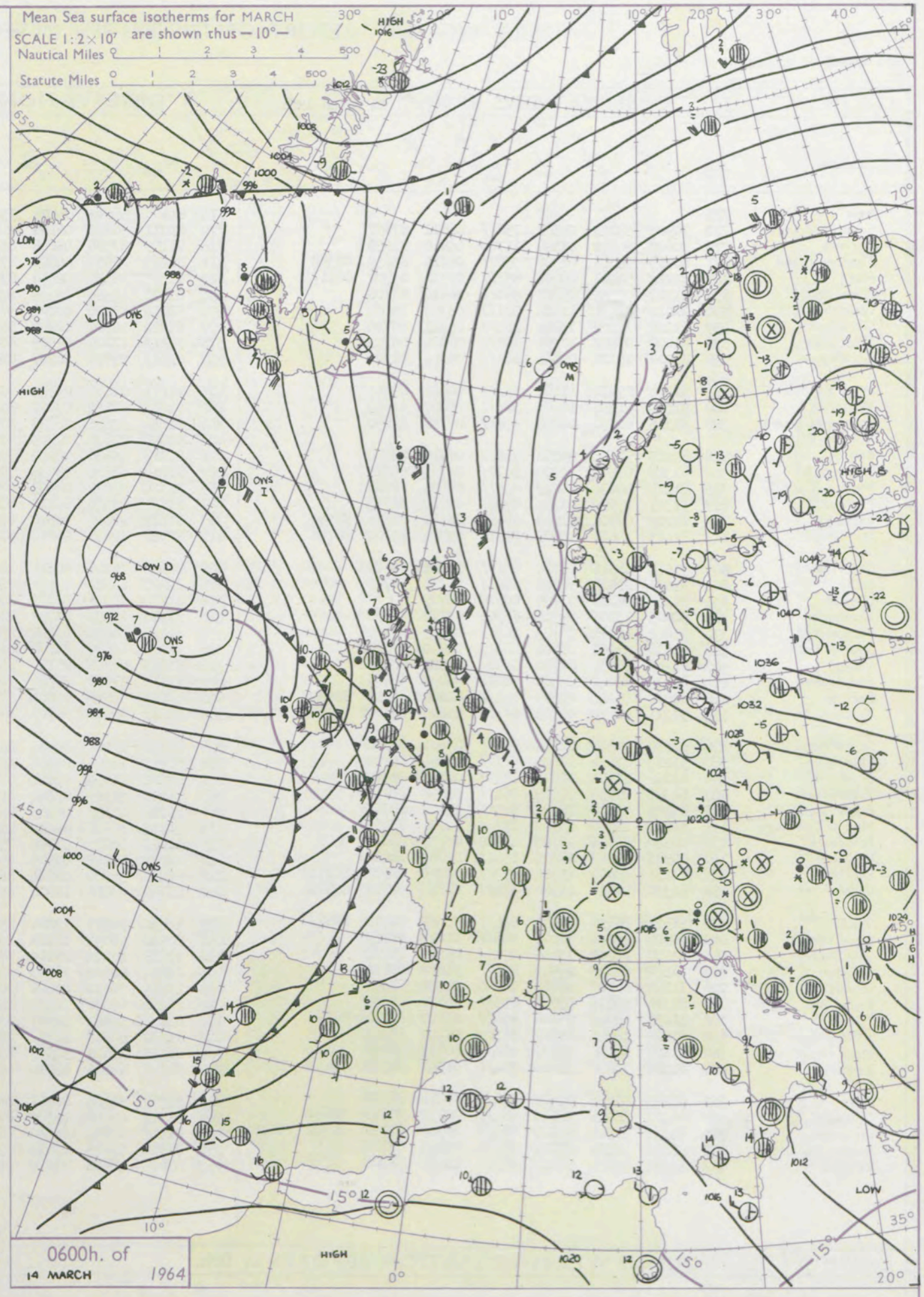
IND
Wind
speed
(knots)
Calm
1–2
3–7
8–12
13–17
additional
er add
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Saturday 14 March** 1964

The large anticyclone over Finland maintains high pressure over Scandinavia, and the deep depression west of Ireland is moving northwards steadily, with the associated frontal system travelling northeast across Britain. The old depression near southwest Greenland is filling. The frontal system over Britain is expected to clear all except the extreme northeast of Scotland within the next 24 hours, and a ridge will approach southwest England from the Atlantic.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The broad belt of rain covering much of Britain will be replaced by brighter showery weather spreading from the southwest ro reach most east coast districts of Eng;and tomorrow morning, but not clearing the northeast of Scotland by noon. Temperatures will be near normal generally but below normal in the northeast. Gales will die out when brighter weather arrives.

OUTLOOK for following 24 hours Sunny periods and showers, scattered in the south but heavy in the northwest. Rain at times in northeast Scotland. Temperatures near normal generally but below normal in northeast Scotland

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

Code FM 11.A

OBSERVATIONS at 00h. 14 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775			09					
London Airport	772	70907	59021	08508	758//	06811	87657		
Gatwick	776	10608	56011	09106	15700	05810	81650		
Thorney Island	871	80913	74026	07508	3567/	06816	83638	88358	
Hurn	862	81212	56601	06408	853//	07716	83708	86617	
Guernsey	894	81517	01586	05208	860//	08618	88700		
Wattisham	590	91010	F4474	11505	9////	05703	89/00		
Gorleston	497	81218	12282	13004	864//	04401	88710		
Mildenhall	578	81008	09442	10506	861//	06804	88702		
Cardington	559	81008	19101	09605	861//	05804	88701		
West Raynham	485	91214	F9474	11404	9////	04601	89401		
Wittering	462	91209	01454	10105	9////	05807	89/00		
Boscombe Down	746	81315	62031	06208	857//	05718	88650		
Ross-on-Wye									
Bristol	628	81215	58606	05108	855//	06716	88620		
Aberporth	502	81318	62601	99709	8072/	07733	88556		
Rhoose (Cardiff)	715	81214	56632	04107	857//	06624	88645		
Plymouth	827	81321	23596	01309	872//	09724	88703		
Chivenor	707	81220	66506	01009	6562/	08728	86636	88550	
St. Mawgan	817	81423	14616	98909	871//	09824	83702	88705	
Culdrose	809	91514	04516	98710	9////	10722	89/00		
Scilly	804	81823	20586	96011	862//	11716	88703		
Elmdon	534	01108	24046	07705	00900	04809			
Shawbury	414	50905	13104	06306	55700	05712	85650		
Manchester	334	71012	18104	07105	763//	04813	87707		
Squires Gate	318	61116	23101	06604	563/2	04710	85706		
Valley	302	61118	66031	01710	657//	05822	86650		
Ronaldsway	204	81135	13042	03306	862//	05822	88705		
Carlisle	222	80912	48041	09605	854//	02809	83617	88622	
Watnall	354	91211	01474	09305	9////	05805	89/00		
Spurn Head	396	81230	10106	11104	863//	04602	88706		
Finningley	360	91213	03474	10505	9////	05804	89/00		
Dishforth	261	81212	11105	10804	872//	04707	88703		
Tynemouth	262	81329	32056	11805	864//	03808	88714		
Eskdalemuir	162	80709	32502	10102	871//	02608	88702		
Mull of Galloway	131	81630	12052	03905	873//	04706	88706		
Prestwick	135	40922	64011	05705	45400	03717	84618		
Renfrew	141	80915	56042	08305	854//	02703	88614		
Leuchars	171	81231	48056	11304	873//	02715	82707	88711	
Dyce	091	81330	56217	14704	854//	01805	82712	88616	
Wick	075	91525	48516	15104	854//	01103	84710	88615	
Cape Wrath	049	80926	98022	08405	865//	01217	88725		
Sule Skerry	010	81237	48022	11605	874//	05210	88710		
Lerwick	005	81532	62022	20903	855//	51802	88620		
Stornoway	026	11224	66026	06606	10940	03301	81360		
Benbecula	022	81324	59216	03307	855//	04708	88626		
Tiree	100	81031	58042	03206	854//	04610	86714	86621	
Aldergrove	917	81220	16045	01607	862//	05720	88705		
Malin Head	980	81221	16106	98107	864//	06832	88710		
Belmullet	976	81228	74606	89210	864//	06741	84719	88637	
Birr	965	81225	59616	92409	874//	07844	88710		
Collinstown	969	81224	66026	98109	864//	05732	83718	88630	
Rineanna	962	81233	56506	88910	864//	08747	82710	84714	88718
Roches Point	952	81228	16586	89709	871//	09743	88702		
Valentia	953	81321	58656	84412	863//	11637	88708		

OBSERVATIONS at 06h. 14 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	81109	58612	05408	7542/	06717	81712	87630	88556
London Airport	772	81011	56602	05108	2642/	07718	82712	86628	88557
Gatwick	776	81109	37506	05608	853//	07818	85709	88625	
Thorney Island	871	81212	20596	04008	871//	08822	86701	88703	
Hurn	862	81313	28656	02408	871//	08720	82702	88704	
Guernsey	894	81616	48586	02108	860//	08612	82701	85702	87707
Wattisham	590	91014	F7604	08804	9////	04815	89/00		
Gorleston	497	81322	14282	11904	864//	04605	88708		
Mildenhall	578	81113	17104	07905	861 /	05714	88702		
Cardington	559	81013	23616	06107	855//	06712	86625	88656	
West Raynham	485	91123	01454	09304	9////	04609	89/01		
Wittering	462	81018	07614	07005	860//	05617	88701		
Boscombe Down	746	81316	32656	02408	871//	08722	86702	88705	
Ross-on-Wye	627	81010	57636	00409	874//	07722	88710		
Bristol	628	81315	48636	00209	873//	08724	88707		
Aberporth	502	81418	58516	95009	874//	08620	88710		
Rhoose (Cardiff)	715	81314	09635	08907	870//	07728	88701		
Plymouth	827	81625	24636	97110	872//	10718	82705	88710	
Chivenor	707	81217	48656	96510	853//	09721	85708	88614	
St. Mawgan	817	81720	19536	95010	871//	10618	88703		
Culdrose	809	82122	14216	94811	861//	10617	88702		
Scilly	804	82223	61216	93511	853//	10507	85708	88618	
Elmdon	534	81212	19636	03607	873//	06724	86706	88707	
Shawbury	414	80910	16586	03007	873//	06808	85707	88709	
Manchester	334	81019	56606	03407	855//	05719	86711	88640	
Squires Gate	318	81123	40636	01706	6542/	05720	82713	86617	88550
Valley	302	81123	66606	95110	854//	07735	84618	88645	
Ronaldsway	204	81039	17596	97306	7632/	05733	87707	88520	
Carlisle	222	81018	37602	05805	5747/	03624	85712	88460	
Watnall	354	81015	05426	05705	871//	05719	88702		
Spurn Head	396	81138	10102	08904	863//	03718	88706		
Finningley	360	81215	11604	07804	862 /	04716	88703		
Dishforth	261	81016	14604	07404	871//	04723	88702		
Tynemouth	262	81338	24102	08604	864//	03724	88715		
Eskdalemuir	162	81217	40105	06303	862//	02620	88704		
Mull of Galloway	131	81433	16606,	96405	873//	04847	88706		
Prestwick	135	71027	58041	01706	7541/	03715	84713	87620	
Renfrew	141	81021	59602	03905	854//	03722	86711	87641	
Leuchars	171	81236	36502	08904	864//	03816	88711		
Dyce	091	81332	48056	12904	854//	01711	83710	88615	
Wick	075	81432	56505	12804	854//	50714	82710	88618	
Cape Wrath	049	80922	58052	06205	865//	05722	88720		
Sule Skerry	010	81237	48022	08105	874//	04228	88710		
Lerwick	005	81534	62022	20303	855//	53707	88620		
Stornoway	026	11216	70030	03606	10940	02618	81362		
Benbecula	022	61334	66031	98407	4567/	03632	84645	86460	
Tiree	100	81136	59601	96707	6542/	05731	83712	86629	88458
Aldergrove	917	81232	40616	94106	863//	04734	85707	88710	
Malin Head	980	81033	16616	92507	862//	05624	86705		
Belmullet	976	81220	62606	82310	864//	08626	88711		
Birr	965	81317	61206	86711	864//	10722	88713		
Collinstown	969	81321	40586	92208	871//	07622	83701	85702	88703
Rineanna	952	81518	62605	84712	864//	09513	82713	86718	88623
Roches Point	952	71728	62016	86610	753//	08613	81706	87637	
Valentia	953	81623	48596	81610	863//	10505	88706		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONV TA °C
Kew	775	07072	04	ir	r_0r_0R	40
London Airport	772	05081	05	ir_0	rr	39
Gatwick	776	05051	02	ir_0	$r_0r_0ir_0r_0r_0rr$	38
Thorney Island	871	12071	04	$ir_0r_0r_0$	dddrdrRR	37
Hurn	862	18072	07	$r_0r_0dr_0drr$	$d_0drrrrRR$	36
Guernsey	894	09081	07	$r_0r_0dr_0F$	dr_0ffrr	35
Wattisham	590	01041	04	FF	FFr_0r_0irff	34
Gorleston	497	91042	03	ff	$ffir_0$	33
Mildenhall	578	94051	04	ff	$ffir_0ir$	32
Cardington	559	06052	01	ir_0	r_0r_0rr	31
West Raynham	485	97041	03	ffFF	FFff	30
Wittering	462	02051	05	FFff	ffr_0r_0RR	29
Boscombe Down	746	14062	05	ir_0	$r_0d_0rrRRrr$	28
Ross-on-Wye	627	11071	06	+	rr	27
Bristol	628	10071	05	ir_0rr	d_0r_0rr	26
Aberporth	502	05092	06	ir_0	$r_0r_0d_0d_0rrRRdd$	25
Rhoose (Cardiff)	715	10071	07	ir_0rrid_0	$r_0r_0rrdrif$	24
Plymouth	827	21082	08	$rrdrd_0d_0$	rrd_0	23
Chivenor	707	05091	07	$rrir_0id_0$	id_0ir_0RR	22
St. Mawgan	817	07092	08	$rrr_0r_0id_0if$	rrif	21
Culdrose	809	06092	08	$rrr_0r_0d_0d_0$	$r_0r_0rrid_0$	20
Scilly	804	05092	//	idrffir	ir	19
Elmdon	534	06052	01	$ffir_0$	r_0r_0rr	18
Shawbury	414	03051	04	ir_0	$d_0r_0RRrrr_0r_0$	17
Manchester	334	01051	04	+	$ir_0rrr_0r_0$	16
Squires Gate	318	01031	02	+	r_0r_0rr	15
Valley	302	05082	07	ir_0	$ir_0r_0r_0rr$	14
Ronaldsway	204	10051	04	ir_0	RRRDrr	13
Carlisle	222	93041	02	+	$ir_0r_0r_0$	12
Watnall	354	03052	04	ffFFf	$ir_0irrrff$	11
Spurn Head	396	93021	//	id_0ir_0	ir_0	10
Finningley	360	94041	04	ff	$ffir_0ir$	9
Dishforth	261	01041	03	$ffir_0r_0r_0$	$r_0r_0ffiRrr$	8
Tynemouth	262	97041	03	ir_0	+	7
Eskdalemuir	162	02021	02	$id_0d_0d_0$	ir_0rr	6
Mull of Galloway	131	02032	//	/	/	5
Prestwick	135	97031	03	+	ir_0	4
Renfrew	141	97041	04	r_0d_0	ir_0	3
Leuchars	171	97041	03	ir_0	$id_0d_0d_0$	2
Dyce	091	02031	02	$r_0s_0r_0r_0$	$drir_0$	1
Wick	075	97041	04	id_0	id_0	0
Cape Wrath						−1
Sule Skerry	010	91052	03	/	/	−2
Lerwick	005	00021	01	+	+	−3
Stornoway	026	00050	04	+	+	−4
Benbecula	022	93061	04	ir_0	ir_0	−5
Tiree	100	01051	04	+	$ir_0iRirir_0$	−6
Aldergrove	917	09052	05	ir_0	ir_0rrRR	−7
Malin Head	980	02051	05	/	/	−8
Belmullet	976	05081	08	/	/	−9
Birr	965	06091	07	/	/	−10
Collinstown	969	08071	05	/	/	−11
Rineanna	962	03101	08	/	/	−12
Roches Point	952	11091	08	/	/	−13
Valentia	953	22091	08	/	/	−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.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70619	33200	62325	96038	76604	69400	41246	84910	/////	05301	12322	11258
B	70565	51000	63234	97858	00856	62400	00210	86810	/////	07061	18251	1////
C	70527	35500	63137	97858	93402	52502	00222	85825	/////	05957	18155	1////
D	70440	41000	82718	98022	11905	845//	00112	88620	/////	06354	13047	1////
I	70592	19000	21330	98021	89209	28500	00808	81820	/////	00005	11335	12046
J	70525	20200	81616	97025	67911	854//	00807	88615	/////	00110	11523	11156
K	70447	16100	42528	96021	95811	48500	51240	82823	83650	05209	12448	16941
M	73660	02000	11822	98020	27906	18600	00104	/////	/////	05002	11855	1////

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70619	33206	72217	97012	85801	78400	00239	85815	/////	05955	12122	11257
B	70565	51006	63232	97858	02356	62400	00207	86810	/////	06960	13249	1////
C	70527	35506	83125	97858	00201	824//	00222	88820	/////	06259	18162	1////
D	70440	41006	80408	98022	06405	845//	00737	88620	/////	06301	12535	1////
I	70589	18906	81140	97808	82409	884//	31632	85818	88630	05207	16140	1////
J	70525	20106	82639	96616	72307	873//	60247	84709	/////	05806	17651	1////
K	70447	16406	72920	96031	99011	756//	61106	87646	/////	05103	17840	12048
M	73660	02006	11826	98020	28106	11600	00102	/////	/////	05151	11867	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 35369

Date of Issue Sunday 15 March 1964

OBSERVATIONS at 12h. 14 March 1964

Code FM 11.A

ERSION BLE	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	T_dT_dapp	$8N_Ch_Ch_Sh_S$	$8N_Ch_Ch_Sh_S$	$8N_Ch_Ch_Sh_S$
°F										
104	Kew	775	81206	37616	03110	7532/	08812	83708	86620	88530
102	London Airport	772	81207	40636	03009	853//	09813	82706	87708	88630
100	Gatwick	776	81310	40636	03409	852//	09816	82703	86704	88610
99	Thorney Island	871	81315	40656	02109	851//	09715	82702	85715	88650
97	Hurn	862	81411	37616	00809	872//	08711	86704	88710	
95	Guernsey	894	71614	63216	00709	5517/	09606	82702	83630	85650
93	Wattisham	590	81120	14636	07104	871//	04711	88702		
91	Gorleston	497	81228	16216	09004	7732/	04709	87709	88520	
90	Mildenhall	578	81219	19632	05305	871//	05816	85702	88705	
88	Cardington	559	81118	56616	03207	7732/	06715	87706	88520	
86	West Raynham	485	81228	17634	06505	7712/	04816	87702	88505	
84	Wittering	462	81221	23636	04106	7722/	05818	87703	88515	
82	Boscombe Down	746	81611	50636	00710	872//	10807	87704	88707	
81	Ross-on-Wye	627	81508	24606	98211	8032/	11806	88508		
79	Bristol	628	81610	40616	98811	873//	10804	86706	88710	
77	Aberporth	502	72022	66016	96011	55432	08308	85615	87075	
75	Rhoose (Cardiff)	715	81705	56212	98609	6527/	08102	82705	85616	88459
73	Plymouth	827	82008	48605	98609	22377	09210	81706	87458	88275
72	Chivenor	707	72509	66216	98311	7543/	09113	82710	86620	87360
70	St. Mawgan	817	72415	66022	98511	2247/	07218	81710	87360	
68	Culdrose	809	72504	62025	98211	3533/	08221	81708	83618	87365
66	Scilly	804	72513	59022	97310	4557/	09218	84622	86360	
64	Elmdon	534	81310	32616	00608	872//	07609	84704	88706	
63	Shawbury	414	81210	30616	98709	852//	08807	83705	87707	88620
61	Manchester	334	81121	58636	00007	6542/	05709	84710	86625	88540
59	Squires Gate	318	81222	37636	99107	6742/	06706	86714	88530	
57	Valley	302	81518	62216	95510	853//	09312	81706	83718	88640
55	Ronaldsway	204	81236	35586	96007	872//	06605	86704	88717	
54	Carlisle	222	81020	64636	02406	5547/	03613	81713	83625	88459
52	Watnall	354	81217	10656	02405	872//	05719	86703	88705	
50	Spurn Head	396	81138	12636	06103	864//	03713	88710		
48	Finningley	360	81121	24636	04205	872//	04722	88703		
46	Dishforth	261	81223	26656	04004	7712/	03723	87702	88510	
45	Tynemouth	262	81342	16616	06204	873//	03718	88708		
43	Eskdalemuir	162	81320	58636	02803	873//	03720	88706		
41	Mull of Galloway	131	81440	58026	94305	873//	05712	88708		
39	Prestwick	135	71027	62616	97606	6547/	03707	81710	86650	87462
37	Renfrew	141	80923	48616	00306	854//	02717	83710	86614	88620
36	Leuchars	171	81238	28605	06704	872//	03712	87705	88709	
34	Dyce	091	81337	40056	10503	853//	01716	82708	87710	88615
32	Wick	075	81234	40605	09904	854//	01716	85712	88618	
30	Cape Wrath									
28	Sule Skerry	010	81244	32516	06005	873//	04701	88706		
27	Lerwick	005	71540	66202	19003	784//	51811	84818	86630	
25	Stornoway	026	81225	62606	00107	3542/	02720	81714	83620	88458
23	Benbecula	022	81232	62606	94307	6542/	04717	82712	83625	86650
21	Tiree	100	81141	61606	94006	4742/	04610	83715	88550	
19	Aldergrove	917	81324	26596	92608	862//	07705	82704	86705	88708
18	Malin Head	980	81133	59106	90509	764//	06804	86716	87645	
16	Belmullet	976	72125	74016	87210	754//	07250	83715	87630	
14	Birr	965	72414	70806	92211	785//	06244	84821	87633	
12	Collinstown	969	71310	32586	92810	764//	09219	82714	87623	
10	Rineanna	962	72320	74808	92112	685/2	05252	83822	86635	87070
9	Roches Point	952	72214	62018	93810	784/2	07142	87816		
7	Valentia	953	72219	64028	92911	38502	04247	82823	83635	87072

OBSERVATIONS at 18h. 14 March 1964

iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	T_dT_dapp	$8N_Ch_Ch_Sh_S$	$8N_Ch_Ch_Sh_S$	$8N_Ch_Ch_Sh_S$
775	81406	40636	00711	872//	09608	86705	88708	
772	81207	20616	00110	8721/	10609	82704	88707	
776	81407	32616	00810	7722/	09608	82703	87704	88520
871	81803	32596	00309	871//	09502	85702	88706	
862	81202	07516	00209	871//	08303	88701		
894	73206	66216	00309	6567/	08400	83635	86645	
590	81121	11616	03605	861//	05609	88702		
497	81430	20616	05504	7732/	04717	87708	88520	
578	81214	23636	02806	7722/	05505	87705	88520	
559	81010	19636	01207	7732/	07605	87706	88515	
485	81127	11636	03704	871//	04509	88702		
462	81112	16636	02605	872//	05604	88703		
746	80000	19586	99709	870//	09400	85701	88704	
627	72402	48056	99410	655/1	09208	86625		
628	72404	48106	99809	5567/	09308	85640	86359	
502	72311	66016	99609	11432	05216	81815	83360	87075
715	73009	59026	00208	6537/	07210	81709	86630	
827	73108	61028	00410	12408	07312	81817	87275	
707	72907	61022	00809	40932	07215	84360	85075	
817	52907	66012	01109	00902	07313	85070		
809	43105	62052	00410	21406	07211	81712	83270	
804	23007	60111	01010	00902	08217	82072		
534	81109	23616	00008	872//	07204	88703		
414	80905	15216	99809	7627/	08214	81704	86708	88360
334	81213	37636	00207	855//	05307	85622	88640	
318	80914	26516	00106	872//	06310	82705	88708	
302	71713	61602	98908	5567/	07219	85645	87460	
204	81113	32106	98807	852//	07319	82704	87709	88625
222	80915	74026	02705	854//	01308	81710	83628	88650
354	81113	17636	01705	7722/	05101	87703	88510	
396	81440	10636	03403	874//	03207	88710		
360	81119	39636	03205	7712/	04303	83702	87704	88510
261	81220	37656	04603	6722/	02305	86703	88510	
262	81435	32697	05903	6732/	03110	86708	88520	
162	81412	62038	03203	883//	00311	81708	86816	88628
131	81430	58606	97905	873//	05219	88709		
135	71024	62026	99405	7547/	02212	82714	84625	86640
141	80914	28046	01206	854//	02213	82714	85620	88640
171	81234	56697	05903	873//	02310	86706	88708	
091	81335	32687	09003	863//	01500	85706	88710	
075	81438	40052	09504	854//	00303	84712	88620	
010	81244	32515	04404	873//	04208	88706		
005	71440	66028	17703	724//	51701	87818		
026	81225	74216	99007	856//	02302	88632		
022	71433	62606	95806	6547/	04319	83712	86625	87459
100	81131	58616	96706	6542/	05323	82714	86626	88458
917	61807	80016	97109	28472	07234	82818	83360	86070
980	71812	74256	96409	785//	07237	83821	87640	
976	12022	80011	93209	13500	04227	81923		
965	52005	80018	97710	585//	01222	83821	85633	
969	72703	78028	98111	28532	04230	81825	85360	87070
962	12016	82038	96810	18500	02220	81825		
952	11810	69021	98808	11401	06322	81818		
953	32018	72011	96510	32500	04318	83823		

OBSERVATIONS during DAY

iii	RRT / T_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	12112	000	RR	rrr_or_o
772	17112	000	rrr_or_o	rrr_or_o
776	11102	000	rrr_or_o	r_or_orr
871	19091	000	RRirir$_o$	drdrIDIRdr
862	15092	///	RRrrd$_o$r$_o$d$_o$r$_o$	d$_o$r$_o$d$_o$r$_o$d$_o$d$_o$
894	04101	000	rrr_or_o	r_or_o
590	19052	///	irffrr	rrifr$_o$r$_o$
497	11052	000	r_or_o	r_or_orr
578	17061	000	rrr_or_o	r_or_orr
559	13072	000	r_or_orr	r_or_orr
485	16052	000	ffrr	rrRR
462	25062	000	RRrr	RRrr
746	14101	000	rrd$_o$r$_o$	d$_o$r$_o$rrd$_o$d$_o$
627	04111	000	irr$_o$r$_o$	r$_o$r$_o$
628	05111	000	rrr$_o$r$_o$	rr
502	93111	003	ddid$_o$	+
715	01111	002	id$_o$ir$_o$r$_o$r$_o$	+
827	92121	005	id$_o$ir$_o$	pr$_o$
707	97121	002	id$_o$	ir$_o$
817	00121	016	+	+
809	00111	010	+	+
804	00131	044	+	+
534	15091	000	rrRr$_o$r$_o$	r$_o$r$_o$d$_o$d$_o$d$_o$r$_o$
414	13091	000	rrRRr$_o$r$_o$	RRr$_o$r$_o$ir$_o$ir
334	12081	000	r$_o$r$_o$rrd$_o$r$_o$	d$_o$r$_o$r$_o$r$_o$rr
318	04081	000	RRr$_o$r$_o$	id$_o$r$_o$r$_o$
302	96111	005	rrdr	id$_o$ir$_o$
204	07081	000	RRdrd$_o$d$_o$	ir$_o$d$_o$r$_o$
222	05071	000	r$_o$r$_o$rr	r$_o$r$_o$rr
354	27062	000	rrRRff	rrr$_o$r$_o$
396	06042	000	rr	rr
360	17051	000	rr	r$_o$r$_o$RRrr
261	21042	000	irrrRR	RRrrr$_o$r$_o$
262	19042	000	rrrs	rsr$_o$s$_o$
162	10041	000	rrpr$_o$ir$_o$	ir$_o$rspr$_o$
131	04061	///	/	/
135	97071	002	ir$_o$r$_o$r$_o$	ir$_o$rsrs
141	01071	000	r$_o$r$_o$	ir$_o$
171	12052	000	rrrs	rsrsr$_o$r$_o$
091	09042	000	ir$_o$	ir$_o$rsrs
075	97051	000	ir$_o$	ir$_o$
049				
010	01052	///	/	/
005	97041	000	id$_o$	pr$_o$
026	02081	000	ir$_o$r$_o$r$_o$	rrir$_o$
022	04091	000	rrr$_o$r$_o$	r$_o$r$_o$ir$_o$
100	02071	000	r$_o$r$_o$RRd$_o$r$_o$	r$_o$r$_o$id$_o$ir$_o$
917	03112	005	RRr$_o$r$_o$d$_o$r$_o$	ir$_o$r$_o$r$_o$
980	0210/	001	/	/
976	0111/	033	/	/
965	9412/	049	/	/
969	0412/	004	/	/
962	0112/	057	/	/
952	9712/	049	/	/
953	0112/	050	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	D_sv_sapp	$8N_Ch_Ch_Sh_S$	$8N_Ch_Ch_Sh_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70619	33112	82721	97032	91600	3552/	51233	83620	88463	06055	12722	11357
B	70565	51012	73210	97858	04257	72400	00114	87810	/////	07063	13248	1////
C	70527	35512	73127	97158	05402	62540	00220	86825	/////	05956	18051	1////
D	70440	41012	81135	98802	98709	6252/	00747	86820	88459	05604	10934	13159
I	70590	18912	81040	96026	79409	873//	21507	86708	88715	05107	16142	1////
J	70524	20312	82432	97606	75008	854//	60221	86710	88640	05906	17550	1////
K	70448	16012	62622	97012	04610	63543	61224	86826	81926	05105	17853	12148
M	73660	02012	01616	98020	29708	00900	00105	/////	/////	00350	11767	1////

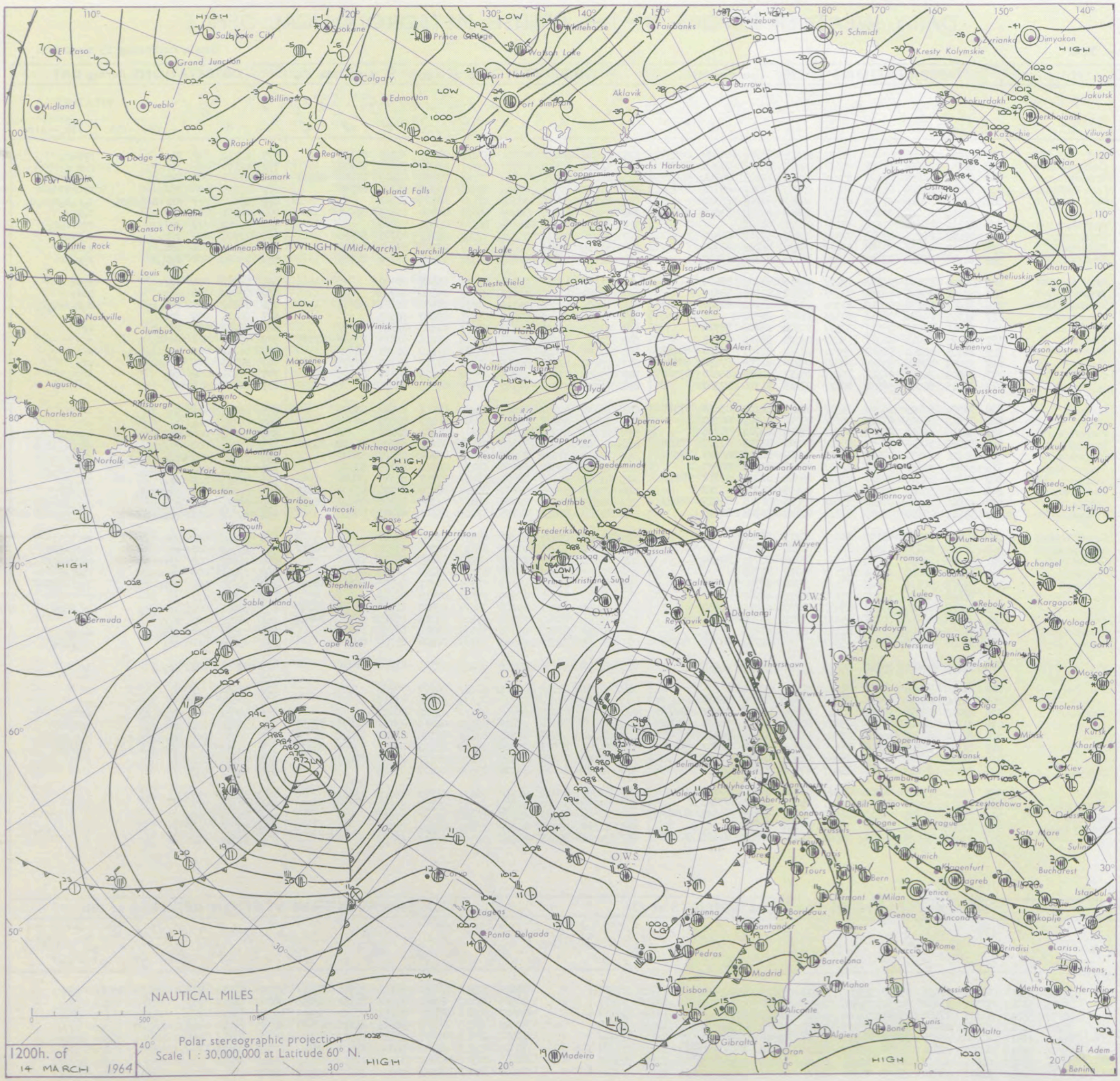
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	D_sv_sapp	$8N_Ch_Ch_Sh_S$	$8N_Ch_Ch_Sh_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70619	32918	83030	94712	92851	2742/	11803	82810	88550	06454	13045	12647
B	70565	51018	63514	97268	04856	42450	00102	84810	/////	06960	13246	1////
C	70527	35518	33107	98151	07203	32500	00309	83830	/////	05855	13159	1////
D	70440	41018	80958	96618	81610	6742/	00783	86810	88520	05407	16040	1////
I	70590	18818	81027	96216	76510	7742/	00509	87711	88550	00008	16043	11439
J	70526	19918	82858	94616	81706	874//	60355	88709	/////	05906	17859	1////
K	70448	16318	62832	97012	10110	69500	61234	85826	82930	05406	17851	12247
M	73660	02018	01512	98020	28006	00900	00707	/////	/////	05114	11544	1////

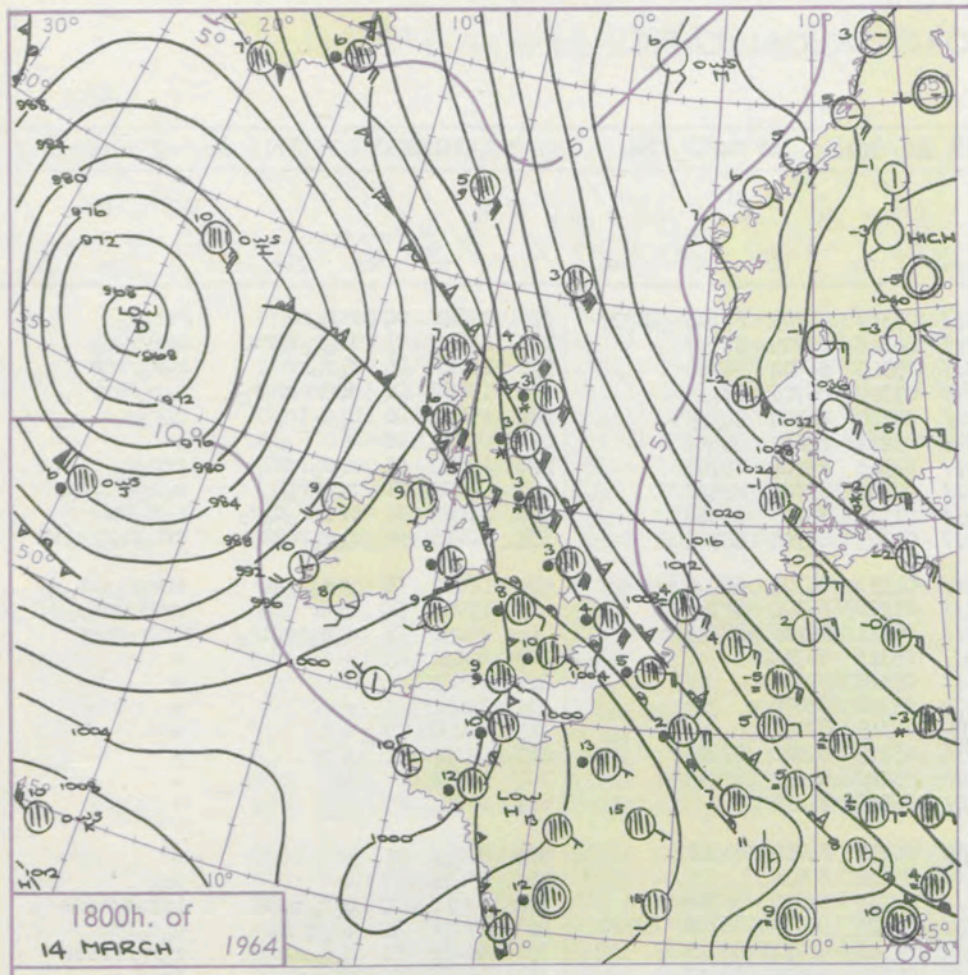
All times of observation printed in this publication are GREENWICH MEAN TIME.

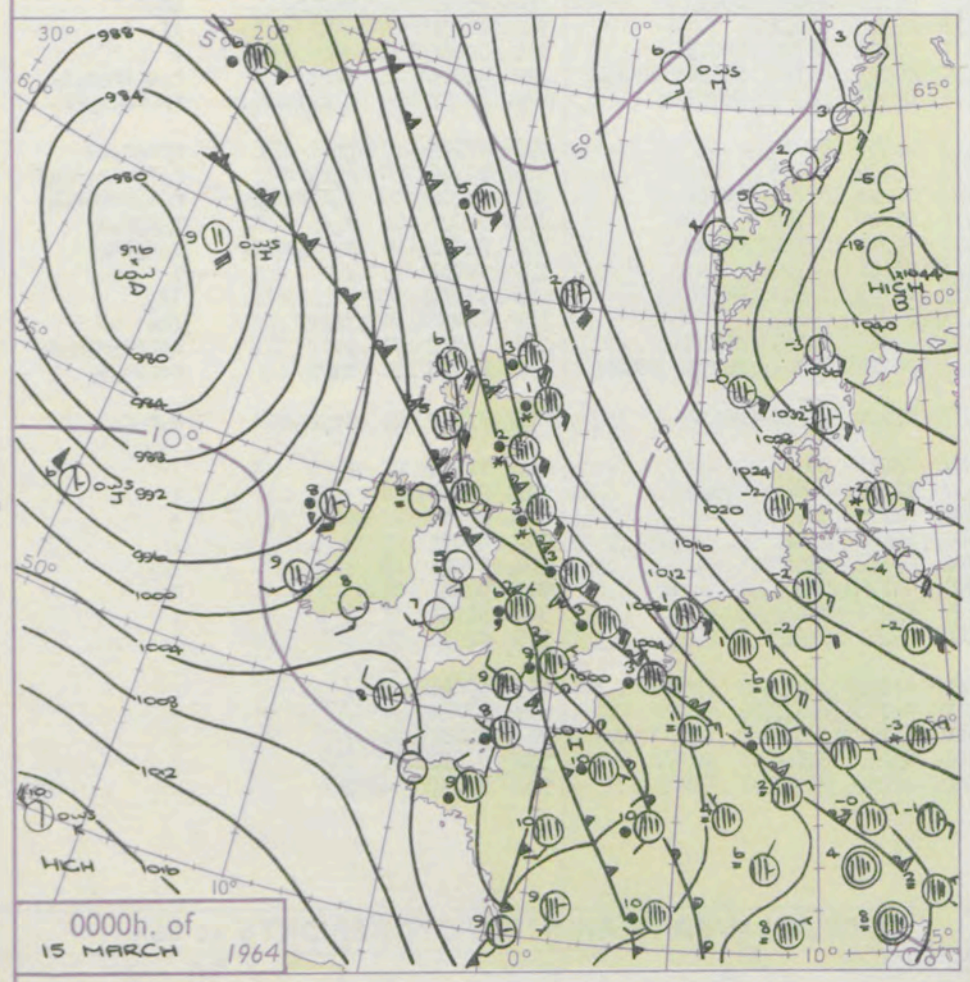
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

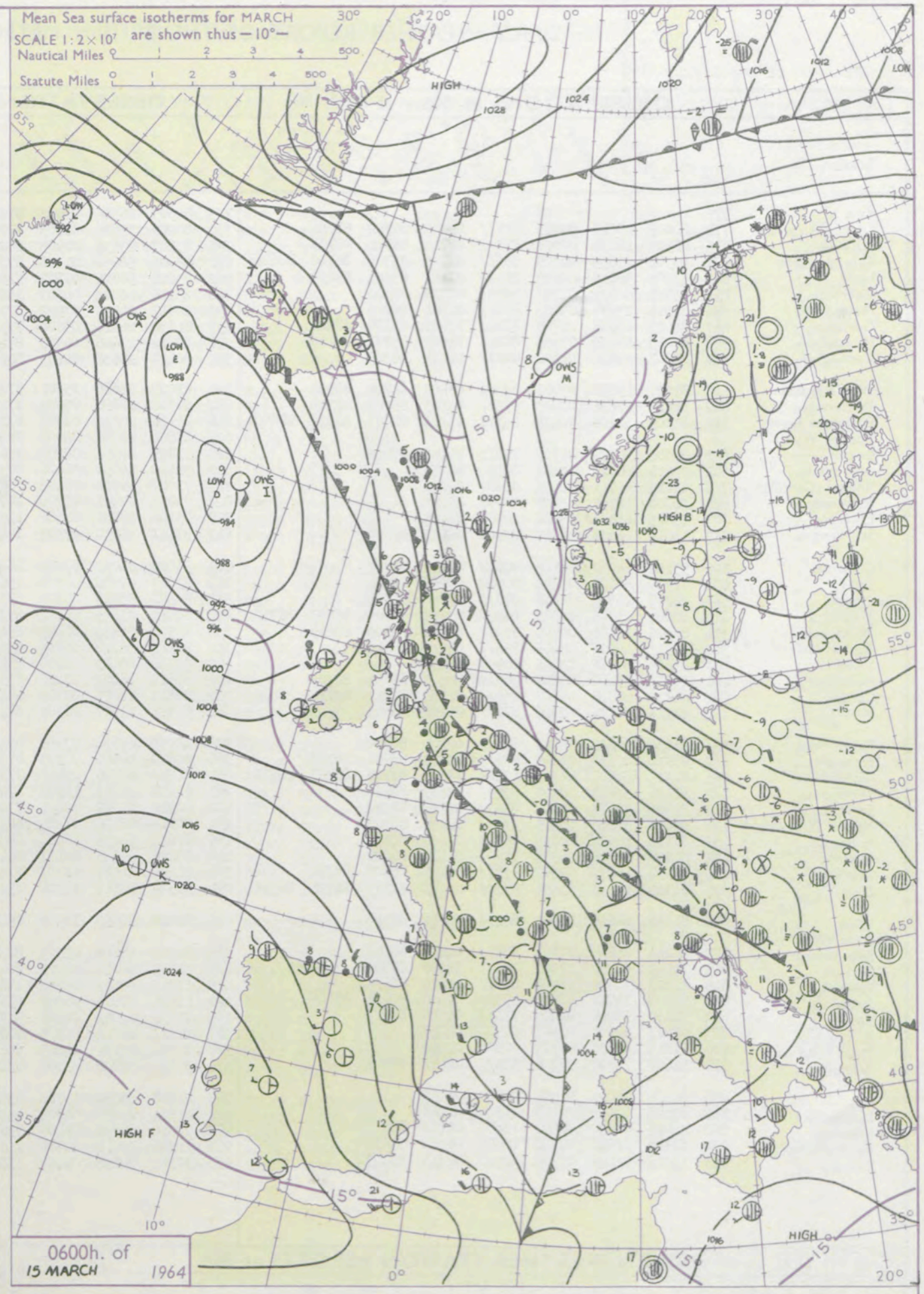
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Sunday 15 March** 1964

The anticyclone centred over Scandinavia has weakened a little but remains stationary. The deep depression west of the British Isles has begun to move northwards and will continue to fill as it drifts northwest. The trough of low pressure has moved across the west of the British Isles and has become stationary, associated with a complex low over France. This low will be transferred southeastwards as a ridge of high pressure develops from Norway across the North Sea.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will remain cold with snow and sleet over eastern Britain but rain over most low ground in southeast England. Although the precipitation will become rather intermittent tomorrow it will extend to Wales and southwest England, where there may be moderate falls of snow on high ground. Temperatures will stay near normal in Northern Ireland.

OUTLOOK for the following 24 hours.

Continuing cold in the east. A little snow in places, chiefly in the east and north. Rain spreading to some western districts.

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

Code FM 11.A

OBSERVATIONS at 00h. 15 March 1964

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			08					
London Airport	772	80607	15616	99709	871//	08503	86702	88704	
Gatwick	776	80507	18636	00008	870//	08704	86701	88703	
Thorney Island	871	83303	23635	99609	852//	09703	85704	86710	88624
Hurn	862	83209	58015	00509	855//	07501	85621	88639	
Guernsey	894	73313	60022	01208	7093/	07308	87360		
Wattisham	590	81015	23636	03104	872//	04301	88703		
Gorleston	497	81235	23616	04703	7732/	03705	87708	88521	
Mildenhall	578	81013	19636	02405	872//	04602	85704	88706	
Cardington	559	80807	32616	01106	862//	06701	88705		
West Raynham	485	81027	19636	03703	3722/	03400	83704	88508	
Wittering	462	81113	17636	02805	872//	05305	86703	88705	
Boscombe Down	746	83309	40206	00408	853//	07804	82707	86624	88650
Ross-on-Wye									
Bristol	628	72702	59052	01707	756//	06108	87645		
Aberporth	502	02614	66021	03207	00900	04213			
Rhoose (Cardiff)	715	03210	62011	02605	00900	04208			
Plymouth	827	00000	48041	03106	00900	05211			
Chivenor	707	03005	48404	03304	00900	04207			
St. Mawgan	817	13012	66021	04307	00901	06111	81070		
Culdrose	809	53106	64052	04105	00908	04213	85270		
Scilly	804	12910	64020	05408	00902	08214	81074		
Elmdon	534	80207	13596	01506	870//	06210	88701		
Shawbury	414	80602	23106	02906	862//	05213	82705	86707	88710
Manchester	334	80506	32582	02805	853//	04111	82709	88619	
Squires Gate	318	80913	40106	03405	854//	04113	88615		
Valley	302	01603	58116	03005	00900	05218			
Ronaldsway	204	80812	37106	03806	862//	05223	85704	88706	
Carlisle	222	80713	48616	06302	854//	01216	82711	83718	88629
Watnall	354	80911	11636	02705	872//	05205	88703		
Spurn Head	396	81438	32636	04003	874//	02201	88710		
Finningley	360	80910	40636	04804	873//	03212	85706	88708	
Dishforth	261	81012	37616	06303	6722/	03312	82705	86707	88511
Tynemouth	262	81436	32687	07603	8052/	02109	88520		
Eskdalemuir	162	80808	58718	07002	874//	01116	88712		
Mull of Galloway	131	81618	32606	04505	873//	04238	88708		
Prestwick	135	81116	66022	04205	856//	01224	88630		
Renfrew	141	80608	62026	05503	854//	01119	88619		
Leuchars	171	81230	48697	09202	873//	01215	86706	88710	
Dyce	091	81324	19697	12601	872//	01215	82703	86706	88711
Wick	075	81433	40616	11803	864//	01214	88710		
Cape Wrath									
Sule Skerry	010	81244	16655	07204	873//	04214	88706		
Lerwick	005	71540	66032	19002	725//	53208	87820		
Stornoway	026	81223	74026	03406	856//	01222	88634		
Benbecula	022	51429	74016	00706	55500	03118	82621	85640	
Tiree	100	71130	58046	01405	754//	04218	87617		
Aldergrove	917	01111	32101	02505	00900	04217			
Malin Head	980	01210	82010	00705	00900	01214			
Belmullet	976	51628	74808	95208	534//	04101	85919		
Birr	965	01408	74021	01905	00900	03215			
Collinstown	969	02408	62021	02805	00900	01218			
Rineanna	962	11416	80020	00407	15600	04112	81630		
Roches Point	952	11715	69010	02508	15600	06313	81635		
Valentia	953	42016	72028	99909	42500	06213	84823		

OBSERVATIONS at 06h. 15 March 1964

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	80309	56586	01905	872//	03317	81705	87706	88708
London Airport	772	80209	35616	01805	872//	04318	83705	88707	
Gatwick	776	83507	23636	00905	862//	05313	85704	88706	
Thorney Island	871	83308	56636	01108	873//	07320	86706	88715	
Hurn	862	83214	58616	02707	4732/	05320	84708	88515	
Guernsey	894	83118	66022	04707	3562/	05219	83647	88457	
Wattisham	590	80817	24636	03902	872//	02313	85704	88707	
Gorleston	497	81130	24616	05602	7732/	02208	87708	88520	
Mildenhall	578	80812	23656	04302	872//	01316	86705	88708	
Cardington	559	80410	28636	04103	862//	03323	83704	88708	
West Raynham	485	81022	26686	05301	872//	01314	86704	88706	
Wittering	462	80511	28696	05602	872//	01320	85704	88706	
Boscombe Down	746	83313	40632	02807	873//	06221	86706	88712	
Ross-on-Wye	627	83606	48052	04806	864//	05315	88715		
Bristol	628	73205	59052	04207	756//	05318	87637		
Aberporth	502	32410	66030	06406	00902	05324	83070		
Rhoose (Cardiff)	715	73007	69031	05405	00906	04319	87072		
Plymouth	827	73012	62031	05708	20936	05215	82360	87275	
Chivenor	707	73106	58031	06506	15601	05220	81630	87075	
St. Mawgan	817	33011	59030	07307	15401	06218	81618		
Culdrose	809	73006	64052	07105	46450	04219	84710	83359	
Scilly	804	23017	69030	07508	25600	07212	82630		
Elmdon	534	80308	37615	05204	873//	03225	85706	88708	
Shawbury	414	80610	23515	06204	872//	04222	85705	86708	88710
Manchester	334	80508	58632	06603	854//	01226	86712	88619	
Squires Gate	318	80916	66022	07203	855//	01226	85625	88633	
Valley	302	70706	08461	06705	754//	05325	87612		
Ronaldsway	204	80815	48022	07405	853//	03225	86709	88615	
Carlisle	222	80813	62607	09702	4547/	00323	81718	83640	88459
Watnall	354	80713	11717	06301	871//	01323	86702	88703	
Spurn Head	396	80935	48636	07201	874//	01217	88710		
Finningley	360	80812	40616	07903	873//	03220	88708		
Dishforth	261	81010	40706	09601	7732/	00223	87706	88512	
Tynemouth	262	81229	58617	10902	874//	01220	88710		
Eskdalemuir	162	80912	62227	10401	7742/	51221	87714	88458	
Mull of Galloway	131	80912	58026	07204	864//	03221	88710		
Prestwick	135	81013	66035	08004	855//	00322	84622	88634	
Renfrew	141	80608	66026	09103	854//	01219	88617		
Leuchars	171	81224	44687	12303	7732/	01219	87709	88512	
Dyce	091	81324	28687	11901	852//	00216	81704	86709	88620
Wick	075	81428	40616	13503	854//	01207	85710	88620	
Cape Wrath									
Sule Skerry	010	81244	48616	08903	873//	03214	88706		
Lerwick	005	71535	66012	19902	784//	54207	84816	87622	
Stornoway	026	11215	80021	05306	15600	01213	81630		
Benbecula	022	11434	80021	03205	15500	02317	81621		
Tiree	100	71234	62041	04505	55502	03222	85625		
Aldergrove	917	21213	48011	06205	26200	04225	82703		
Malin Head	980	51320	62101	04405	556//	03231	85640		
Belmullet	976	32220	66808	01207	33400	05241	83919		
Birr	965	21908	66030	05706	25600	03229	82637		
Collinstown	969	61504	69031	06705	65500	01228	86627		
Rineanna	962	22010	69028	05406	25600	03232	82635		
Roches Point	952	12506	74018	06506	15601	05230	81640		
Valentia	953	32311	72258	06008	33500	02231	83923		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONV TA °C
Kew	775	09041	04	r_or_orr	rrr_or_o	40
London Airport	772	13042	03	$ir_or_or_orr$	$rrRRr_or_o$	39
Gatwick	776	13042	04	r_or_orr	r_or_orrdr	38
Thorney Island	871	15052	06	$drdrrrr_or_o$	r_or_oRRrr	37
Hurn	862	95071	06	$d_od_oir_o$	r_or_o	36
Guernsey	894	00081	06	+	+	35
Wattisham	590	22012	01	r_or_orr	rrr_or_o	34
Gorleston	497	10022	01	rrr_or_o	$r_or_orrr_os_o$	33
Mildenhall	578	16022	01	$rrr_or_od_or_o$	r_or_oRRrs	32
Cardington	559	10015	00	r_or_orrRR	$rrr_or_or_os_oss$	31
West Raynham	485	12012	00	rrr_or_oRR	$rrr_or_os_or_os_o$	30
Wittering	462	17007	50	rrdr	$rrRRssSSs_os_o$	29
Boscombe Down	746	05051	05	$d_od_od_oid_oir_o$	$ir_or_or_orr$	28
Ross-on-Wye	627	00051	03	+	+	27
Bristol	628	00061	04	+	+	26
Aberporth	502	00051	01	+	+	25
Rhoose (Cardiff)	715	00030	01	+	+	24
Plymouth	827	00051	00	+	+	23
Chivenor	707	00031	03	if	+	22
St. Mawgan	817	00071	05	+	+	21
Culdrose	809	00041	01	+	+	20
Scilly	804	97071	//	+	ir_o	19
Elmdon	534	08012	00	d_or_odrrr	rrr_os_orsss	18
Shawbury	414	97021	02	$id_od_od_o$	$d_od_oid_o$	17
Manchester	334	06015	01	$d_or_or_or_o$	$r_or_orrrsss$	16
Squires Gate	318	95021	02	RRr_or_o	ir_o	15
Valley	302	00031	02	+	if	14
Ronaldsway	204	00041	04	+	+	13
Carlisle	222	04011	01	rrrs	$r_os_oir_os_os_o$	12
Watnall	354	16007	00	$r_or_oid_or_orr$	$rrRRs_os_oss$	11
Spurn Head	396	07005	//	rr	rrs_os_ors	10
Finningley	360	10006	50	r_or_orr	$r_or_orrs_os_oss$	9
Dishforth	261	07002	00	$r_or_orrr_os_o$	$r_os_orssss_os_o$	8
Tynemouth	262	07022	02	r_os_o	$r_or_or_os_o$	7
Eskdalemuir	162	02001	00	$ir_os_os_os_oss$	$s_os_ois_o$	6
Mull of Galloway	131	01031	//	/	/	5
Prestwick	135	97031	03	+	id_o	4
Renfrew	141	02031	02	ir_orr	ir_o	3
Leuchars	171	14022	01	rsrs	$rsrsr_os_or_os_o$	2
Dyce	091	15015	51	rsrs	$rsrss_os_o$	1
Wick	075	03022	01	$ir_or_or_o$	$r_or_or_os_o$	0
Cape Wrath						— 1
Sule Skerry	010	01032	02	/	/	— 2
Lerwick	005	00021	01	+	+	— 3
Stornoway	026	97051	03	ir_o	+	— 4
Benbecula	022	00051	03	+	+	— 5
Tiree	100	97041	03	+	ir_o	— 6
Aldergrove	917	97041	01	+	ir_o	— 7
Malin Head	980	91041	01	/	/	— 8
Belmullet	976	02071	05	/	/	— 9
Birr	965	97041	00	/	/	—10
Collinstown	969	97041	51	/	/	—11
Rineanna	962	94061	02	/	/	—12
Roches Point	952	97051	03	/	/	—13
Valentia	953	93071	04	/	/	—14
						—15
						—16
						—17
						—18
						—19
						—20
						—21
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						—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	33100	82934	94717	94751	6742/	51213	86810	/////	06355	17942	12647
B	10565	51000	83329	97858	06656	824//	00203	88810	/////	06960	13359	1////
C	10527	35500	00506	98021	07702	00900	00802	/////	/////	05957	13247	1////
D	10440	41000	80744	96616	71011	6742/	00834	86710	88530	05210	16141	1////
I	10591	18800	41432	96016	81509	27420	00239	82711	83550	05104	16442	14919
J	10527	20000	32950	95016	94206	00901	60257	83075	/////	05904	17969	1////
K	10448	16600	22826	97028	17410	22500	61232	82826	/////	05304	17851	12247
M	13660	02000	01716	98020	27906	00900	00400	/////	/////	05202	11734	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	10620	33606	82832	96022	96952	5242/	61221	85810	/////	06556	17843	1////
B	10565	51006	23618	97268	06456	22400	00202	82810	/////	06964	13346	1////
C	10527	35506	61022	98031	03603	30978	00717	83360	832//	05754	11052	14916
D	10440	41006	63625	96606	69113	66400	00303	86710	/////	00211	13649	1////
I	10589	19006	11330	98251	84809	12500	41114	81820	/////	05105	16349	10938
J	10528	20306	32935	97278	02006	39400	61114	83912	/////	06003	17967	1////
K	10447	16006	22624	97020	19310	25600	62110	82640	/////	05304	17850	12247
M	13660	02006	01916	98020	28308	00900	00204	/////	/////	05153	11714	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37370 — Date of Issue Monday 16 March 1964

OBSERVATIONS at 12h. 15 March 1964 (Code FM 11.A)

ERSION BLE	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
°F										
104	Kew	775	80209	28637	07802	7722/	01223	81705	87707	88528
102	London Airport	772	80110	19696	07802	873//	01229	88706		
100	Gatwick	776	80110	37636	06503	7722/	02226	82705	86709	88530
99	Thorney Island	871	83409	56606	07404	853//	03232	86709	88614	
97	Hurn	862	83411	61212	08706	854//	03232	84614	88625	
95	Guernsey	894	73218	74022	10109	45772	06230	81656	86362	
93	Wattisham	590	80714	30516	09001	852//	00224	83703	87705	88612
91	Gorleston	497	80528	48237	10602	7732/	00220	87706	88520	
90	Mildenhall	578	80610	40687	09701	873//	01125	85706	88710	
88	Cardington	559	80210	15717	09401	862//	01224	88703		
86	West Raynham	485	80917	17717	10950	871//	51229	83701	88703	
84	Wittering	462	90413	08717	10800	9////	00224	89/02		
82	Boscombe Down	746	83509	61686	09203	853//	02236	85708	88622	
81	Ross-on-Wye	627	80210	48052	10703	864//	01231	88710		
79	Bristol	628	80315	58056	09605	853//	03125	86706	88630	
77	Aberporth	502	62812	66011	10709	28440	07221	82815	86362	
75	Rhoose (Cardiff)	715	61314	59041	09508	48536	06219	82820	84625	86272
73	Plymouth	827	63215	74032	10611	52532	05224	85820	85075	
72	Chivenor	707	72911	69031	10911	22402	07220	82815	86075	
70	St. Mawgan	817	63118	69021	12509	11502	07227	81820	86070	
68	Culdrose	809	73118	78022	11911	18402	04226	81816	87073	
66	Scilly	804	53120	74031	14311	32570	06236	83820		
64	Elmdon	534	80309	26716	10701	873//	00222	86706	88708	
63	Shawbury	414	80510	40687	12202	852//	01226	81704	85706	88615
61	Manchester	334	80808	21716	12402	6722/	50226	83703	86708	88520
59	Squires Gate	318	80914	58506	12903	853//	01226	83709	88635	
57	Valley	302	70615	56044	11207	00909	03220	87175		
55	Ronaldsway	204	81119	74032	12504	7547/	02124	85712	87615	88460
54	Carlisle	222	80918	56687	15003	5542/	50221	83715	84638	88458
52	Watnall	354	90711	03737	12200	9////	00225	89/01		
50	Spurn Head	396	80926	16687	12601	864//	50223	88710		
48	Finningley	360	80813	17737	13400	7722/	00224	87704	88515	
46	Dishforth	261	80911	14737	11800	872//	50223	88704		
45	Tynemouth	262	81325	32717	15801	4732/	01225	84708	88520	
43	Eskdalemuir	162	81009	62707	15601	7742/	51221	87712	88530	
41	Mull of Galloway	131	81418	81012	12204	856//	01220	88630		
39	Prestwick	135	71117	70022	13205	7547/	51220	81614	86630	87645
37	Renfrew	141	80711	40042	11804	854//	01223	81616	86625	88645
36	Leuchars	171	81219	48687	17402	6722/	01224	83705	85707	88512
34	Dyce	091	81425	56057	19102	854//	53217	86615	88625	
32	Wick	075	81328	48027	17503	854//	00222	85612	88620	
30	Cape Wrath									
28	Sule Skerry	010	81237	58616	14304	874//	03232	88710		
27	Lerwick	005	81632	58802	23303	884//	53217	86815	88625	
25	Stornoway	026	71313	82031	10107	70932	02235	87360		
23	Benbecula	022	61537	69031	07507	654//	03219	82618	84624	85640
21	Tiree	100	81231	80016	09705	854//	02226	82712	88618	
19	Aldergrove	917	81416	56216	11306	853//	04221	81706	84710	88625
18	Malin Head	980	71222	61051	09209	52581	06222	85822	86361	87068
16	Belmullet	976	42224	74258	07709	13532	05233	81920	83360	
14	Birr	965	32211	80020	11011	32500	02223	83823		
12	Collinstown	969	71008	18404	11407	721//	06123	83702	85703	87827
10	Rineanna	962	72318	82038	11109	785//	03223	85825	87645	
9	Roches Point	952	42305	74030	12210	43400	05226	84918		
7	Valentia	953	32415	80031	11709	32500	03224	83826		
5										
3										
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17										
18										
20										

OBSERVATIONS at 18h. 15 March 1964

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	83606	10736	14001	872//	00233	88704		
772	83507	06717	13900	871//	00331	88702		
776	83507	08776	13001	862//	01232	88703		
871	83609	56217	13702	4747/	01230	84710	88459	
862	83609	61032	14504	7147/	01234	87815	88460	
894	63018	72031	14209	65602	04225	86638		
590	80611	33707	13901	872//	51230	87703	88705	
497	80825	56052	14803	855//	53227	88620		
578	83605	40237	14901	4742/	01227	84712	88525	
559	80109	09737	15300	8022/	00229	88505		
485	80614	56012	15401	853//	52229	83708	88625	
462	80207	12717	16100	872//	00223	88703		
746	80109	62037	14802	854//	00232	86710	88640	
627	80307	48052	15603	864//	00224	88710		
628	80210	56052	14603	5551/	01221	85620	88460	
502	72908	62022	14607	714/2	06226	87812		
715	80908	58042	14805	685/7	02324	81820	85625	88270
827	13115	66011	15309	11500	03225	81825		
707	13013	66011	15108	18501	06221	81820		
817	03015	69011	16508	00900	05220			
809	13012	72011	16208	11500	04220	81820		
804	13015	74020	17609	12500	05218	81820		
534	80306	09717	15800	871//	00225	83702	87704	
414	80507	19717	16901	6732/	00227	86706	88550	
334	80605	06717	17100	871//	50225	88702		
318	80807	10717	18000	871//	00229	88702		
302	70718	56042	15005	10938	01218	81362	87275	
204	80925	64022	16403	854//	00110	81714	87618	88635
222	80908	23717	19601	7742/	51224	87712	88545	
354	80606	07717	16850	873//	50224	88706		
396	80928	32037	16402	854//	50224	86715	87620	
360	80708	48227	17801	874//	51222	83710	88715	
261	80810	40227	19000	854//	51225	82710	88616	
262	81123	48058	19803	873//	51221	88708		
162	81008	40717	19800	873//	51222	88706		
131	81618	66022	16703	855//	00219	88626		
135	81012	66022	18403	6557/	51224	83620	86656	88459
141	80708	28602	19303	854//	00227	83615	85622	88640
171	81215	62607	20903	884//	51222	83815	88625	
091	81422	56057	23003	854//	53217	86713	88625	
075	81425	48052	21203	854//	50218	84618	88630	
010	71237	61026	17704	6747/	04227	86710	87360	
005	71628	62018	25903	724//	53216	87818		
026	61609	82012	15107	6093/	03227	86360		
022	71433	62036	13605	754//	02228	82716	84621	87635
100	81230	61046	15005	5547/	01225	82714	84622	86362
917	71214	59252	15405	784//	02228	81815	84820	87650
980	81318	61258	13105	834//	04225	84918	88640	
976	62211	75028	12308	33532	05222	83920	85359	86070
965	62005	77258	15007	685//	02222	83822	86637	
969	81108	56218	15405	7643/	03319	81715	87638	88358
962	12308	82018	15008	18600	02221	81830		
952	12511	78010	15309	18400	01318	81819		
953	22307	82258	15107	22500	03216	82826		

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	16047	000	$r_0r_0rrssff$	$ssffs_0s_0r_0s_0$
772	18047	000	$r_0r_0s_0s_0ssff$	ss
776	14056	000	rrrsrs	$ssfs_0s_0$
871	07061	000	$rriRRRir_0rsrs$	r_0r_0
862	97071	///	ir_0	+
894	00101	033	+	+
590	01015	///	$r_0r_0d_0d_0r_0s_0$	$s_0s_0is_0$
497	04032	000	r_0s_0	+
578	02021	000	$rsr_0r_0s_0s_0$	$s_0s_0r_0s_0$
559	11016	000	s_0s_0ssf	sss_0s_0ff
485	05015	000	s_0s_0ssff	s_0s_0
462	07017	000	s_0s_0ff	s_0s_0
746	01061	000	id_0	r_0s_0
627	00051	000	+	+
628	97061	000	ir_0	+
502	00091	037	+	+
715	00121	028	+	+
827	00127	090	+	+
707	00111	090	+	+
817	00101	071	+	+
809	00111	073	+	+
804	00131	081	+	+
534	08027	000	sss_0s_0	sss_0s_0
414	03037	000	$id_0ir_0r_0s_0$	$r_0s_0s_0s_0ss$
334	09026	000	$r_0s_0s_0s_0$	s_0s_0
318	03036	000	ir_0id_0	s_0s_0ss
302	96111	040	rrdr	id_0ir_0
204	00051	000	+	+
222	02031	000	$r_0s_0ir_0s_0s_0ss$	$is_0s_0s_0$
354	15007	000	s_0s_0ssff	s_0s_0ff
396	95035	000	$rsir_0s_0$	+
360	10017	000	$ssssffs_0s_0$	s_0s_0
261	05016	000	sss_0s_0	s_0s_0
262	02031	000	$s_0s_0ir_0s_0$	pr_0s_0
162	02016	000	$s_0s_0is_0$	s_0s_0
131	00041	///	/	/
135	00050	013	+	+
141	91041	000	+	d_0r_0rs
171	02031	000	$r_0s_0r_0r_0$	ir_0
091	97036	000	$s_0s_0ir_0s_0$	r_0s_0
075	97041	000	r_0s_0	+
049		///		
010	92052	///	/	/
005	97031	000	pr_0	+
026	00081	033	+	+
022	97071	019	+	ir_0
100	01061	001	$irir_0$	ir_0
917	93071	007	$ir_0id_0r_0r_0$	pr_0ir_0
980	9610/	043	/	/
976	9711/	061	/	/
965	9211/	057	/	/
969	9709/	017	/	/
962	9111/	069	/	/
952	9712/	096	/	/
953	9711/	078	/	/

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	10619	32812	72732	97031	00451	25502	61326	82620	/////	06155	17744	12145
B	10565	51012	53418	88021	08756	52400	00224	85815	/////	06865	13446	1////
C	10527	35512	80936	98022	97605	3551/	00631	83630	88467	05453	10935	1////
D	10440	41012	83271	95616	85407	874//	00285	88810	/////	06003	17956	1////
I	10589	19112	73511	96258	87308	794//	00214	83918	84820	05306	13522	10939
J	10526	20213	52520	98258	06807	59400	30013	84915	/////	05603	12634	18064
K	10447	16112	61628	97031	18212	38550	61817	81826	83650	05008	11847	18051
M	13660	02012	01812	98020	29908	00900	00208	/////	/////	00252	11823	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10619	32818	32928	98021	07600	25501	61345	82625	/////	06254	17842	12144
B	10565	51018	23013	98020	08455	21500	00602	82820	/////	06660	13345	1////
C	10527	35518	80850	98808	88805	874//	00746	88815	/////	05402	15863	1////
D	10440	41018	72963	97808	92104	72400	00220	87810	/////	06551	17959	1////
I	10589	19118	63115	97162	94309	694/1	00241	82918	85635	05205	13133	149/8
J	10526	20218	11810	99011	07208	11600	00704	81640	/////	05601	12022	12957
K	10448	16518	81640	96636	10412	873//	61745	88708	/////	00011	11848	18052
M	13660	02018	11610	98020	31506	11600	00207	/////	/////	00051	11623	12034

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

CIVIL TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 2000

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

1200h. of
15 MARCH 1964

Explanation of symbols

CLOUD

Symbol

Sky

WEATHER

Symbol

Mist

Fog

Drizzle

Rain

Rain shower

Snow

Snow shower

Hail

Thunderstorm

WIND

Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

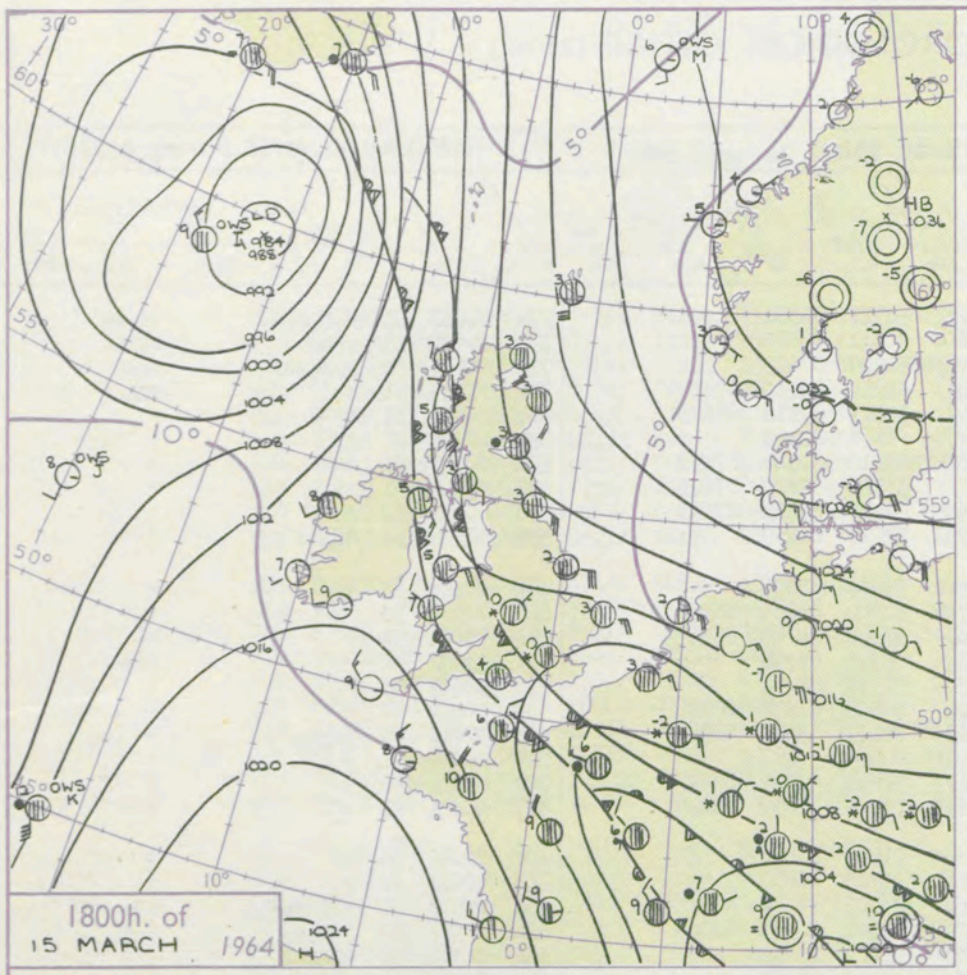
OUD
Cloud Amount (oktas)

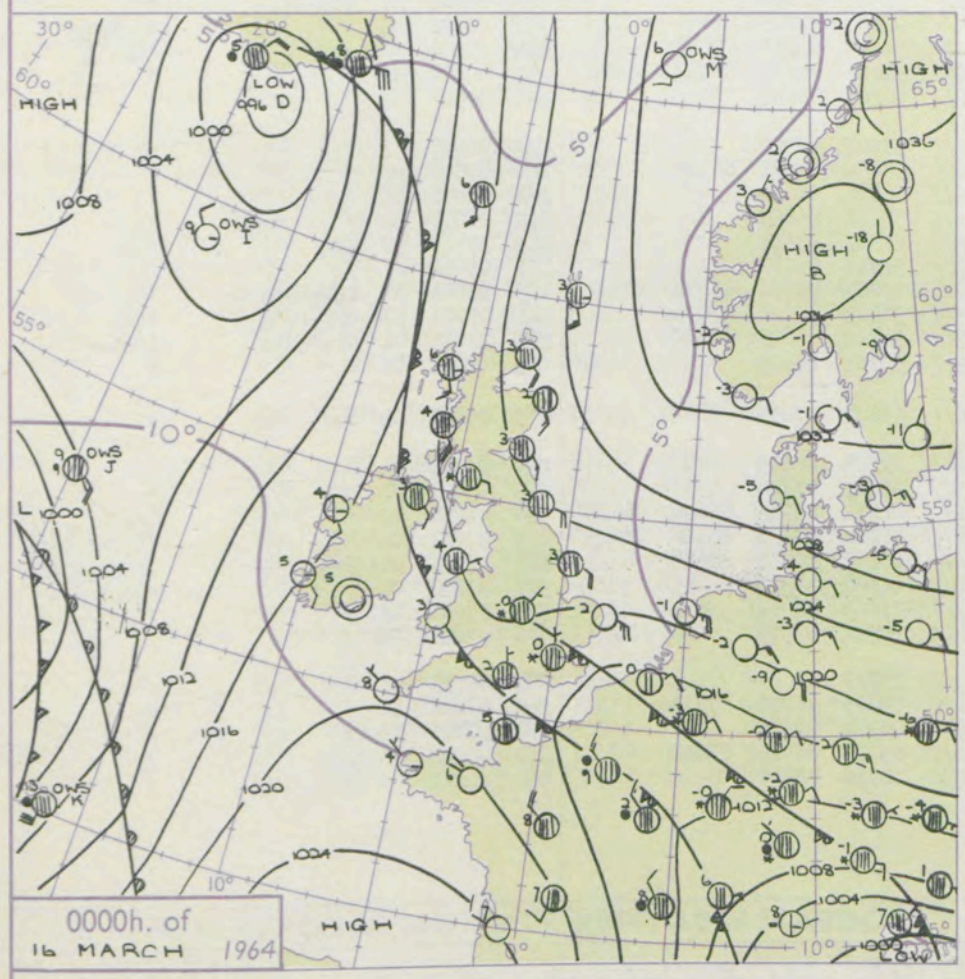
0
1 or less
2
3
4
5
6
7 or more
8
obscured

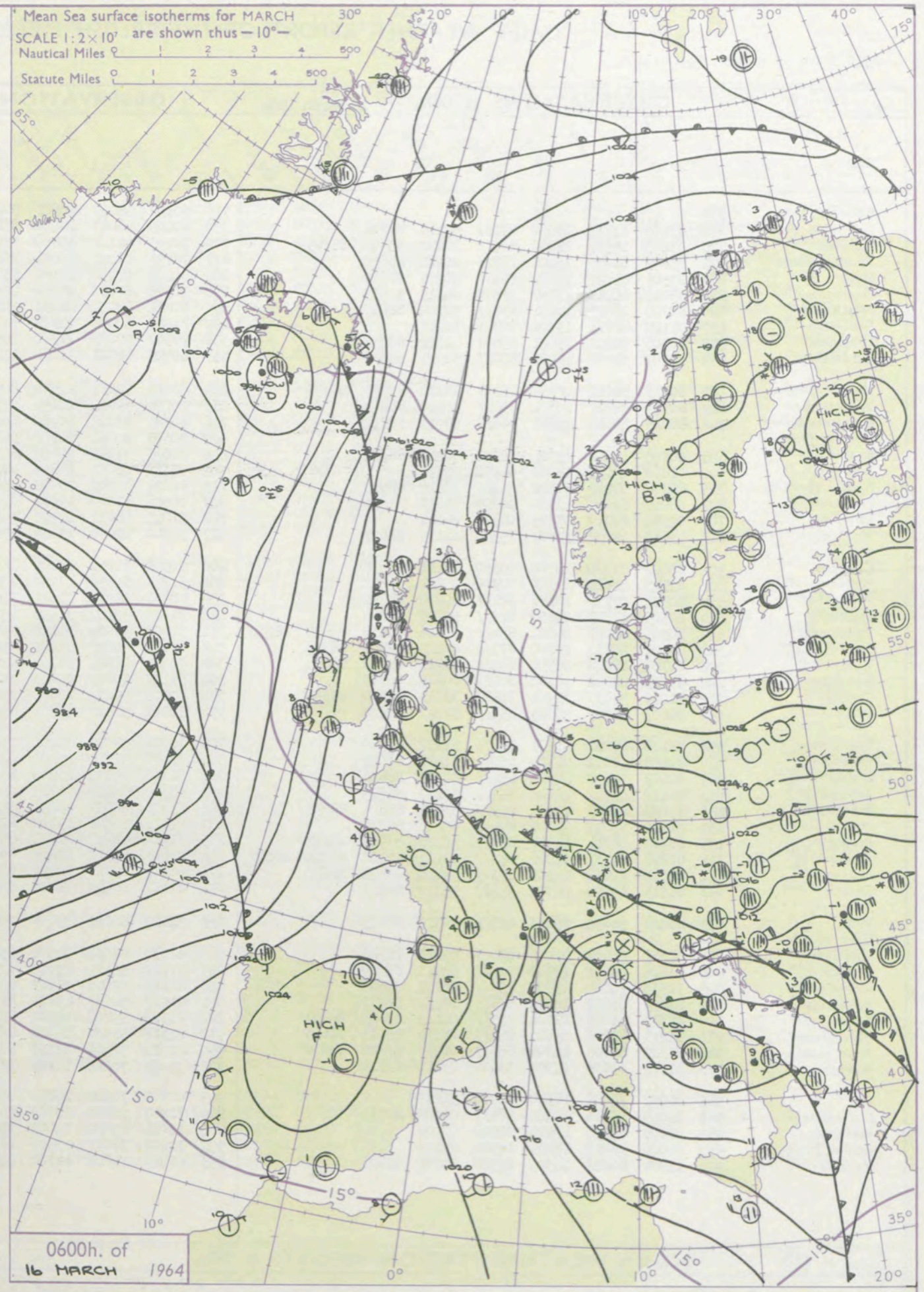
THER
Weather

zle
and
izzle
and snow
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 **Monday 16 March** 1964

The anticyclone centred over Scandinavia has persisted and is not expected to change in position or intensity. The centre of low pressure south of Britain has been transferred from France to Italy. A well marked frontal trough has moved eastwards from the longitude of the Azores and is now approaching Ireland. This trough is expected to slow down as it moves across the west of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The weather will remain cold or very cold but generally dry over all eastern districts. Rain will soon reach Ireland and southwest England but will turn to sleet and snow as it spreads eastwards to Wales, southern and central England and west Scotland.

OUTLOOK for following 24 hours.

Rain or snow over many western and central and southern districts but probably remaining dry and very cold in the east.

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

Code FM 11.A

OBSERVATIONS at 00h. 16 March 1964

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			01					
London Airport	772	83506	13717	18200	872//	50218	88704		
Gatwick	776	83405	16717	18000	872//	00222	85703	88705	
Thorney Island	871	83609	61022	18401	857//	00215	88650		
Hurn	862	83506	61022	19202	854//	50219	88615		
Guernsey	894	23014	66010	19007	25600	04215	82635		
Wattisham	590	80708	48027	18601	856//	52222	88633		
Gorleston	497	01125	60011	19502	00900	53217			
Mildenhall	578	80506	56022	19401	856//	51220	88638		
Cardington	559	80107	37107	19401	856//	50219	88630		
West Raynham	485	80713	56012	20101	25607	53220	82635	88275	
Wittering	462	80309	48027	20301	856//	51220	88631		
Boscombe Down	746	80206	48022	19301	864//	50219	88712		
Ross-on-Wye									
Bristol	628	80306	48052	19701	863//	00222	88708		
Aberporth	502	01610	48051	18003	00900	01207			
Rhoose (Cardiff)	715	80808	48047	19502	854//	50216	88618		
Plymouth	827	00000	61020	19105	00900	04213			
Chivenor	707	02304	62010	18905	00900	04214			
St. Mawgan	817	13010	66030	19707	15500	04115	81627		
Culdrose	809	03402	81020	19304	00900	03111			
Scilly	804	02905	82020	19608	00900	05002			
Elmdon	534	80303	07737	20150	871//	50220	88702		
Shawbury	414	80503	17717	20950	872//	50219	88704		
Manchester	334	80905	48047	20801	854//	51216	81618	81627	88632
Squires Gate	318	80907	20717	21200	873//	00215	82708	88713	
Valley	302	80707	48042	18504	854//	01217	85716	88624	
Ronaldsway	204	81025	62602	20302	864//	00113	88713		
Carlisle	222	81010	58037	22901	7563/	53115	87630	88359	
Watnall	354	80607	56027	20950	855//	51217	88624		
Spurn Head	396	81120	48022	21203	864//	52222	88710		
Finningley	360	80608	58022	21701	855//	51217	88629		
Dishforth	261	80609	56052	22501	856//	51115	88636		
Tynemouth	262	81122	61022	24803	855//	52227	88625		
Eskdalemuir	162	81009	62017	23200	855//	53114	83628	88633	
Mull of Galloway	131	81620	63022	20102	874//	00213	88715		
Prestwick	135	80912	48717	21901	854//	50216	83719	88628	
Renfrew	141	80807	28237	22502	853//	00111	82708	85712	88627
Leuchars	171	81214	62236	24203	855//	51114	83620	88634	
Dyce	091	81515	63022	26302	855//	55210	88625		
Wick	075	81420	56052	25603	855//	00217	88625		
Cape Wrath									
Sule Skerry	010	61237	66032	22004	674//	03221	86710		
Lerwick	005	71625	66022	28903	725//	53213	87820		
Stornoway	026	71513	74031	19806	756//	00222	87645		
Benbecula	022	81629	66031	18304	856//	00221	88631		
Tiree	100	81330	61046	19204	855//	00115	83622	88647	
Aldergrove	917	81211	58026	19903	854//	01215	85615	88623	
Malin Head	980	81322	66808	18304	885//	01217	83820	88630	
Belmullet	976	31309	69038	15304	33400	03110	83919		
Birr	965	01001	74021	18500	00900	51213			
Collinstown	969	81009	56216	18404	864//	01207	88713		
Rineanna	962	01108	82020	17503	00900	02209			
Roches Point	952	00000	78020	18205	00900	02110			
Valentia	953	11208	80021	16305	12500	02003	81826		

OBSERVATIONS at 06h. 16 March 1964

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	60309	56027	20601	6093/	54311	86364		
772	60205	48047	20400	65600	50311	86635		
776	70103	48107	19800	755//	50209	87625		
871	70203	48222	20401	754//	51212	82710	87650	
862	80204	48052	20501	854//	51311	87712	88625	
894	20308	60030	20004	20970	02108	82360		
590	70611	48031	21351	25608	55310	82640	87270	
497	71019	62031	22901	755//	53212	82620	87625	
578	70507	59032	21951	25602	54210	82645	87075	
559	10409	48011	21851	15731	53217	81650		
485	50714	62031	22351	00901	55208	85075		
462	70708	59012	22651	45702	52309	84650	86075	
746	80708	48022	20700	854//	51303	84710	88635	
627	80603	24058	20700	863//	00305	88706		
628	80606	37052	20801	863//	51310	88708		
502	81512	48051	18802	884//	50206	82818	88635	
715	81009	32042	20502	854//	00109	83615	88620	
827	00906	61020	19002	00900	02400			
707	71015	48011	19203	754//	50005	82712	87627	
917	30000	69030	19002	15601	01506	81630	83070	
809	20901	81030	18802	28500	01609	81820		
804	31706	82030	17507	12602	05718	81830		
534	70806	56017	21451	756//	53205	87630		
414	71005	32107	21452	4571/	52601	81650	87465	
334	61009	58022	21100	55530	53000	85625		
318	81113	40047	21201	856//	51803	88630		
302	80000	48502	18704	854//	01302	87718	88625	
204	71127	60016	20003	754//	50605	84713	87618	
222	70908	59032	23301	25672	54801	82635	83360	86072
354	80807	58022	22551	856//	52109	88631		
396	70918	58012	23101	795//	53007	87920		
360	70907	57012	23200	45602	53205	84635	86072	
261	81210	59052	23900	856//	53306	88630		
262	61322	66022	24703	755//	53103	86625		
162	81306	52057	23851	856//	55503	88638		
131	81416	63216	19102	874//	52813	88712		
135	71012	64227	21601	6564/	53807	81630	86650	87359
141	70905	66012	22602	755//	51805	82620	87635	
171	81218	62027	24603	855//	52802	82625	88640	
091	81417	66022	26702	855//	55101	88625		
075	71422	66022	25803	756//	53802	87630		
010	61237	66031	23504	654//	02206	86615		
005	71720	66022	29703	725//	53202	87820		
026	81815	69026	21603	854//	01111	82715	85624	88630
022	81527	58687	19702	854//	01108	83713	86618	88625
100	81327	59806	19702	884//	00802	86815	88630	
917	81212	58022	19303	854//	00604	88614		
980	81111	58206	18103	864//	01505	88714		
976	31213	74028	14103	33400	00704	83919		
965	00701	74020	16652	00900	53719			
969	71207	56102	17703	764//	02603	84712	87635	
962	11014	82030	14603	15600	00717	81640		
952	71208	78031	15507	784//	05714	81819	87640	
953	61213	74028	11308	65600	04730	86640		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	04016	51	$r_0s_0s_0s_0$	ir_0s_0
772	06007	51	r_0s_0	r_0s_0
776	06507	50	s_0s_0ssf	s_0s_0
871	97011	51	+	is_0
862	00011	01	+	+
894	00031	01	+	+
590	00513	52	+	+
497	00501	51	+	+
578	00511	52	+	+
559	94526	52	is_0is	+
485	00515	53	+	+
462	00527	53	+	+
746	00001	51	+	+
627	93001	50	+	prs
628	00001	51	+	+
502	00021	01	+	+
715	97011	01	ir_0s_0	+
827	00001	54	+	+
707	00031	52	+	+
817	00011	51	+	+
809	00000	53	+	+
804	00061	//	+	+
534	05537	56	$ssffs_0s_0$	is_0
414	03527	53	sss_0s_0	s_0s_0
334	01516	51	s_0s_0	+
318	02506	51	sss_0s_0	+
302	97021	02	+	$id_0d_0d_0$
204	97021	01	ir_0	ir_0
222	00001	52	+	+
354	00527	53	+	+
396	00500	//	+	+
360	00507	52	+	+
261	00006	50	+	+
262	00021	01	+	+
162	97515	52	ir_0	+
131	93011	//	/	/
135	91001	50	$r_0s_0s_0s_0is_0$	is_0
141	01011	51	$d_0r_0r_0s_0$	+
171	97021	01	$ir_0s_0ir_0$	ir_0s_0
091	00021	01	+	+
075	00031	02	+	+
040	00031	01	/	/
005	00021	01	+	+
026	92031	02	+	ir_0
022	97021	01	+	$ir_0r_0s_0r_0s_0$
100	97021	01	ir_0	$ir_0pr_0r_0s_0$
917	97021	01	+	$r_0s_0ir_0$
980	97031	03	/	/
976	97021	00	/	/
965	97531	57	/	/
969	97031	52	/	/
962	97021	52	/	/
952	97011	53	/	/
953	01041	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20618	32700	13514	97011	12001	15500	00222	81610	/////	05955	13521	12448
B	20565	51000	23307	98021	09656	21500	00205	82820	/////	06866	12946	1////
C	20527	35500	80855	97616	86405	8042/	00810	88510	/////	05203	15956	1////
D	20440	41000	82955	97858	97803	824//	00230	88810	/////	06752	12991	1////
I	20588	19100	13111	97011	01309	12501	00231	81820	/////	05205	13133	149/7
J	20527	20200	81122	98505	01309	854//	00841	83715	88640	05304	11134	13057
K	20453	16400	81830	96636	06213	873//	41716	88708	/////	00213	11819	18052
M	23660	02009	01812	98020	32606	00900	00207	/////	/////	05251	11823	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	20620	32906	13620	98010	11402	15500	51601	81620	/////	05753	13621	12444
B	20565	51006	20118	98020	06955	25500	00717	82620	/////	06764	13444	1////
C	20527	35506	80740	97616	84306	6742/	00508	86712	84530	05104	15856	1////
D	20440	41006	82942	97268	00004	824//	00005	88810	/////	06601	17955	1////
I	20589	19006	70307	98031	03609	35672	00101	83635	86362	05206	10321	149/6
J	20526	20006	81130	98616	91610	854//	31753	88615	/////	05109	11118	12959
K	20150	16406	72026	96026	02413	754//	41720	87613	/////	00313	18052	11818
M	23660	02006	31912	98032	32805	31600	00302	/////	/////	05251	11935	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37371

Date of Issue Tuesday 17 March 1964

Code FM 11.A — OBSERVATIONS at 12h. 16 March 1964

RSION LE	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
°F										
104	Kew	775	70610	58032	21702	6547/	53400	82712	85625	
102	London Airport	772	70812	40041	22002	7563/	52105	87630		
100	Gatwick	776	70710	57051	21602	784//	52002	83818	85630	
99	Thorney Island	871	61008	58031	21305	32501	51002	83825	86075	
97	Hurn	862	71109	50051	21204	7857/	52005	85820	86630	
95	Guernsey	894	70908	60051	19805	35676	01804	83630	87275	
93	Wattisham	590	60814	60012	23201	4153/	54007	84822	85363	
91	Gorleston	497	30921	62011	24801	30972	51214	83360		
90	Mildenhall	578	20912	61011	23203	11531	53003	81822		
88	Cardington	559	70910	58031	22701	756//	53001	87635		
86	West Raynham	485	20920	66011	24002	11531	54008	81822		
84	Wittering	462	70912	62031	23301	71530	53000	87825		
82	Boscombe Down	746	81108	56051	21502	855//	52102	84621	88628	
81	Ross-on-Wye	627	70907	57031	21103	755//	52601	87625		
79	Bristol	628	81110	58052	21103	885//	51103	84825	88645	
77	Aberporth	502	81216	56052	17805	15607	51813	81630	88272	
75	Rhoose (Cardiff)	715	81013	58042	20404	5551/	51806	85620	88459	
73	Plymouth	827	81210	56051	18906	7551/	03507	87620	88465	
72	Chivenor	707	81419	56022	19005	755/7	01706	87620	88275	
70	St. Mawgan	817	81222	56052	17106	45407	03813	84615	88270	
68	Culdrose	809	81316	58051	17008	7542/	06811	84710	87620	88460
66	Scilly	804	81815	59636	14907	3542/	07818	83614	88550	
64	Elmdon	534	71111	56041	22601	784//	53802	83818	87625	
63	Shawbury	414	41112	48041	22101	45600	53806	84630		
61	Manchester	334	71112	58022	22401	755//	54805	87625		
59	Squires Gate	318	71316	48042	22501	755//	52801	87625		
57	Valley	302	81311	57045	18705	856//	50806	83630	88640	
55	Ronaldsway	204	81231	61022	20603	855//	52801	87620	88635	
54	Carlisle	222	41116	61051	23904	32540	53807	83823		
52	Watnall	354	71113	58032	23500	754//	52802	87618		
50	Spurn Head	396	40918	59012	25002	495//	52400	84925		
48	Finningley	360	61118	69022	24503	52539	52002	85820	84178	
46	Dishforth	261	51114	62012	24403	51630	52000	85832		
45	Tynemouth	262	61425	61022	25103	5557/	52202	85625		
43	Eskdalemuir	162	41217	59052	24201	28530	55803	81820	83360	
41	Mull of Galloway	131	81430	63022	19302	874//	52703	88710		
39	Prestwick	135	51215	62031	22003	28540	55805	82827	83360	
37	Renfrew	141	71414	48042	22903	786//	54805	83830	87640	
36	Leuchars	171	71319	70262	25103	785//	53601	82825	87630	
34	Dyce	091	71521	74022	27004	755//	54400	83622	87635	
32	Wick	075	61415	74012	26304	655//	53701	86628		
30	Cape Wrath	049	31808	81021	22404	38500	51710	83820		
28	Sule Skerry	010	71230	66032	24105	784//	02204	84815	87625	
27	Lerwick	005	51521	74022	29906	55600	52000	85630		
25	Stornoway	026	41617	74021	21105	42600	53804	84832		
23	Benbecula	022	61530	62047	19104	655//	53807	82625	85635	
21	Tiree	100	71231	58708	19003	754//	52810	85614	87620	
19	Aldergrove	917	81322	40047	18303	854//	00610	85615	88656	
18	Malin Head	980	81225	58216	16504	864//	00716	83713	86718	88640
16	Belmullet	976	81318	70031	10006	3547/	02728	81718	83630	88459
14	Birr	965	71321	70012	13107	5647/	03823	85636	87465	
12	Collinstown	969	81420	50102	16405	863//	02810	85709	88722	
10	Rineanna	962	81325	80606	10508	6142/	04729	82717	86823	88458
9	Roches Point	952	81326	58616	11508	3742/	06723	83710	88540	
7	Valentia	953	81120	62586	06008	864//	06734	86717	88625	

OBSERVATIONS at 18h. 16 March 1964

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	70913	56022	20601	5545/	54707	85615	83362	
London Airport	772	70911	40042	20501	755//	53712	83620	87645	
Gatwick	776	70709	56052	20400	45506	52713	81625	84645	85070
Thorney Island	871	80809	48052	19903	855//	51509	88628		
Hurn	862	71109	40052	19104	3553/	51712	83625	87365	
Guernsey	894	81115	56052	17105	50977	01615	85360	88270	
Wattisham	590	50907	63031	21901	10936	55608	81362	85275	
Gorleston	497	11020	62020	23503	00901	53710	81075		
Mildenhall	578	51007	58021	21901	10932	54605	81360	85075	
Cardington	559	71110	62032	21501	15636	53607	81635	83360	87075
West Raynham	485	60914	66031	22301	00902	53708	86075		
Wittering	462	71012	62021	21502	15531	53608	81625	83358	87072
Boscombe Down	746	80910	40052	19601	854//	52509	83618	88625	
Ross-on-Wye	627	80703	48052	19401	864//	52608	88715		
Bristol	628	81012	48052	18502	855//	52712	84625	88635	
Aberporth	502	81423	50052	14503	70977	53616	87365	88270	
Rhoose (Cardiff)	715	81116	50042	17303	854//	50716	84618	88645	
Plymouth	827	81016	40042	15005	2542/	01615	82615	88460	
Chivenor	707	81220	56022	15604	5547/	00617	82711	84625	88460
St. Mawgan	817	81230	40606	11804	5742/	03729	85712	88458	
Culdrose	809	81320	18616	12506	853//	05721	87706	88610	
Scilly	804	81525	32636	08508	862//	07729	88703		
Elmdon	534	61106	40042	20300	15842	53715	81657	86075	
Shawbury	414	71207	37041	19801	755/2	53514	82625	87650	
Manchester	334	61210	58022	19902	16458	53517	81715	84362	86275
Squires Gate	318	71315	48042	19501	40938	52617	84364	86275	
Valley	302	81115	59042	15205	7567/	51718	82640	87656	88462
Ronaldsway	204	81236	48042	17102	6552/	51615	86622	88460	
Carlisle	222	71115	66031	21002	10934	54617	81360	83068	87072
Watnall	354	70909	57031	21101	50938	51613	85365	86275	
Spurn Head	396	51124	58031	23202	55600	53711	85630		
Finningley	360	61014	69021	22601	11502	53709	81825	86068	
Dishforth	261	71216	66031	22401	15682	52710	81630	86359	
Tynemouth	262	41430	74021	23203	20945	53713	82358	84275	
Eskdalemuir	162	61212	66031	21400	10936	55615	81362	86270	
Mull of Galloway	131	81630	60022	16402	874//	00721	88710		
Prestwick	135	71219	64022	17803	15546	55620	81625	87275	
Renfrew	141	51314	48041	19603	20932	54614	82360	85070	
Leuchars	171	41223	74031	22103	21502	52718	82825		
Dyce	091	41422	62041	24503	45530	53711	84620		
Wick	075	61617	74022	24003	645//	53714	86620		
Cape Wrath	049	21412	66021	19403	29500	53001	82925		
Sule Skerry	010	31224	74021	20905	35500	03718	83620		
Lerwick	005	31618	74011	27504	35600	52715	83630		
Stornoway	026	31217	74030	17705	20935	53719	82364		
Benbecula	022	71527	59042	15504	5563/	52717	81630	84645	86362
Tiree	100	81332	59047	15404	854//	52620	85616	88625	
Aldergrove	917	81218	56047	14603	854//	51722	81612	83615	88640
Malin Head	980	71133	59016	12303	764//	51712	83718	85640	87656
Belmullet	976	81324	64216	04606	6642/	04722	86716	88458	
Birr	965	81118	66605	08805	874//	03719	85716	88636	
Collinstown	969	81425	48216	12305	864//	00721	83718	88630	
Rineanna	962	81333	74606	04808	864//	05625	86716	88625	
Roches Point	952	81128	40586	05707	873//	06725	86706	88710	
Valentia	953	81126	62506	00409	864//	07624	86717	88633	

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.—15h.	WEATHER 15h.—21h.
775	00035	009	+	+
772	00036	013	+	+
776	00035	038	+	+
871	00051	031	+	+
862	00051	///	+	+
894	00081	030	+	+
590	00023	///	+	+
497	00031	056	+	+
578	00043	053	+	+
559	00035	024	+	+
485	00041	063	+	+
462	00036	047	+	+
746	00031	011	+	+
627	00031	026	+	+
628	00031	001	+	+
502	97061	004	+	$ir_o is_o$
715	97041	000	+	ir_o
827	01061	006	+	r_or_orr
707	00061	008	+	+
817	01071	009	ir_o	$ir_or_or_o$
809	04082	000	$ir_or_or_o$	r_or_orr
804	13092	000	ir_oirrr	rr
534	00016	034	+	+
414	00016	025	+	+
334	00025	017	+	+
318	00035	005	+	+
302	00081	008	+	+
204	00031	000	+	+
222	00050	083	+	+
354	00027	038	+	+
396	00030	067	+	+
360	00053	070	+	+
261	00051	066	+	+
262	00032	052	+	+
162	00021	065	+	+
131	00020	///	/	/
135	00050	034	+	+
141	00051	038	+	+
171	97051	022	ps_o	+
091	00051	038	+	+
075	00051	021	+	+
049	00050	///	+	+
010	00050	///	/	/
005	00061	078	+	+
026	00070	073	+	+
022	97050	000	ir_o	+
100	97041	000	$r_os_ois_o$	+
917	97041	003	r_os_o	+
980	9705/	010	/	/
976	9108/	004	/	/
965	9708/	005	/	/
969	9705/	000	/	/
962	9709/	000	/	/
952	0308/	000	/	/
953	0310/	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	20620	33012	70319	98031	10203	15502	00714	81620	/////	05553	10321	13445
B	20565	51012	80425	96717	99851	3742/	00744	83710	88540	05852	10434	1////
C	20527	35512	80636	96614	83407	873//	00805	88708	/////	00104	15767	1////
D	20440	41012	82918	98022	97306	855//	00722	88625	/////	06301	17942	1////
I	20589	18912	71716	97606	05108	5747/	00210	85718	87358	05303	11733	13047
J	20525	19912	71320	98028	88011	12502	00814	81820	87070	00110	11423	11157
K	20450	16412	81826	96632	00612	4247/	00806	84710	87460	00011	16840	1////
M	23660	02012	51912	98022	32606	52600	00400	/////	/////	05100	11934	1////

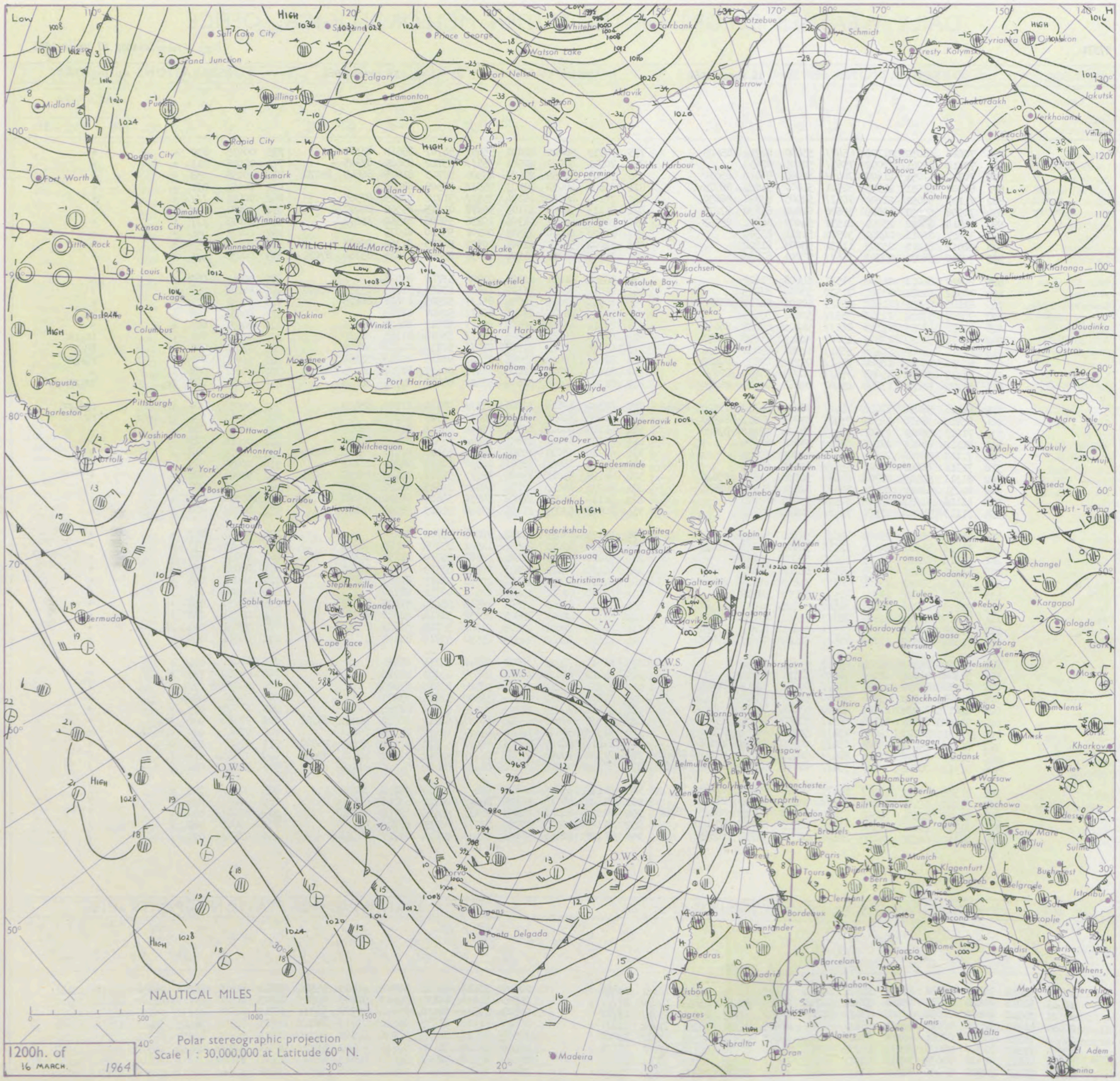
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33118	60223	98022	07503	15506	00810	81620	86266	05652	10232	13441
B	20565	51018	80630	97617	92403	8052/	00729	88530	/////	05102	10557	1////
C	20527	35518	80426	95614	79707	863//	00719	88708	/////	00106	15552	1////
D	20440	41018	81835	96616	83812	2742/	00771	82808	88515	05411	11936	13359
I	20589	19018	61120	98036	02108	22530	00719	82820	85359	05302	11333	13046
J	20525	19918	72126	96616	84309	5842/	00501	81710	85630	05309	12134	11957
K	20447	16418	42027	98036	99813	48500	41400	83826	/////	00110	16850	12259
M	23660	02018	51810	98022	30806	55600	00708	/////	/////	05200	11834	12144

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



Explan
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CLO

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Sky

WEA

Symbol

Mist
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Rain
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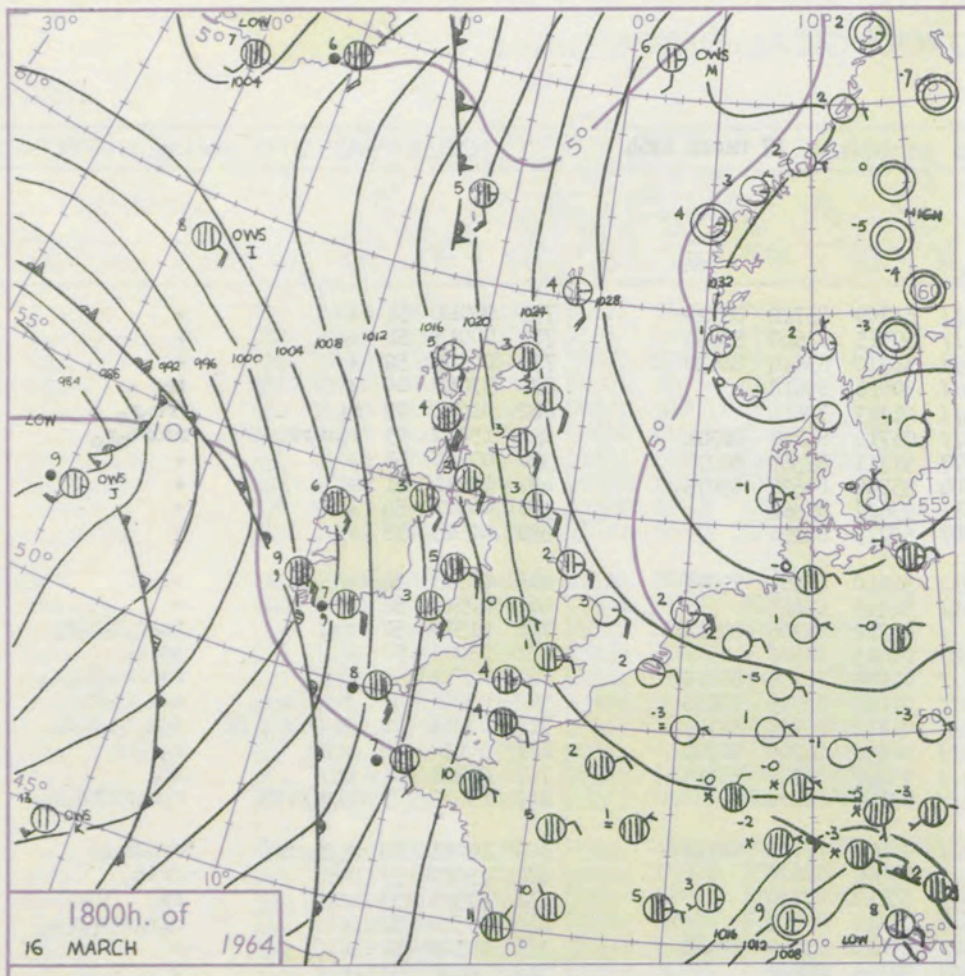
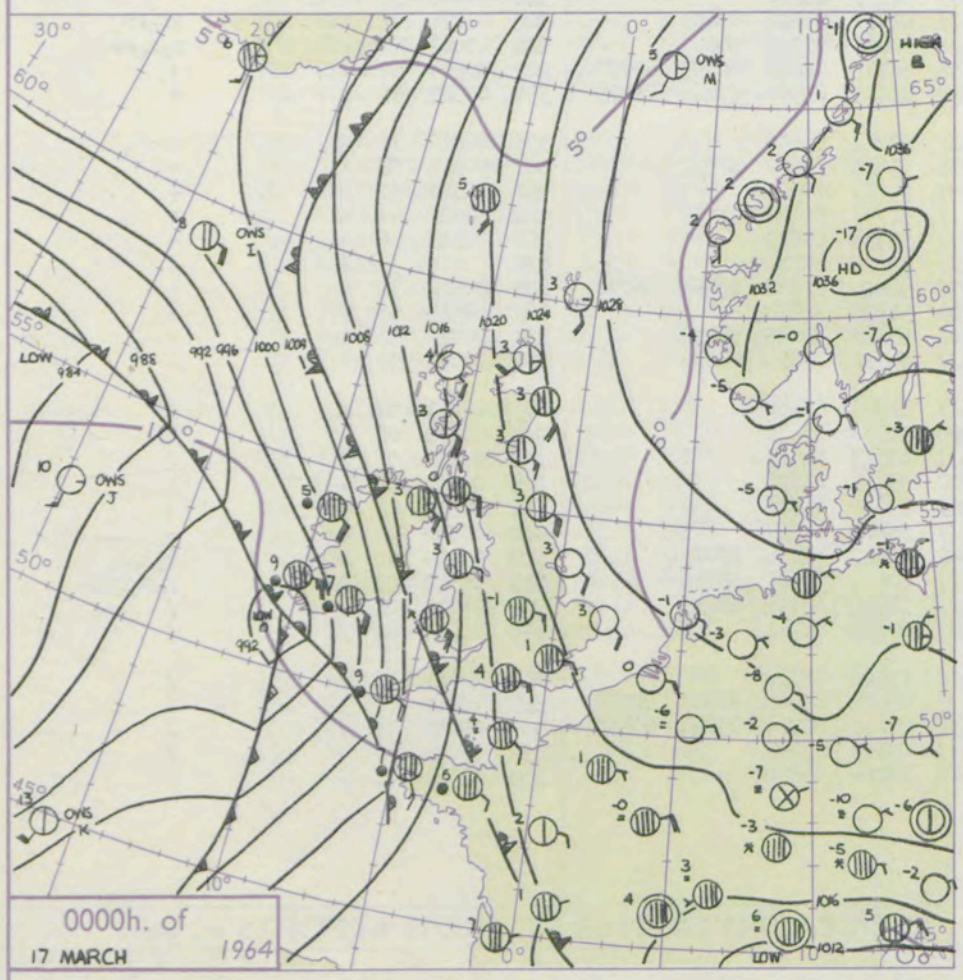
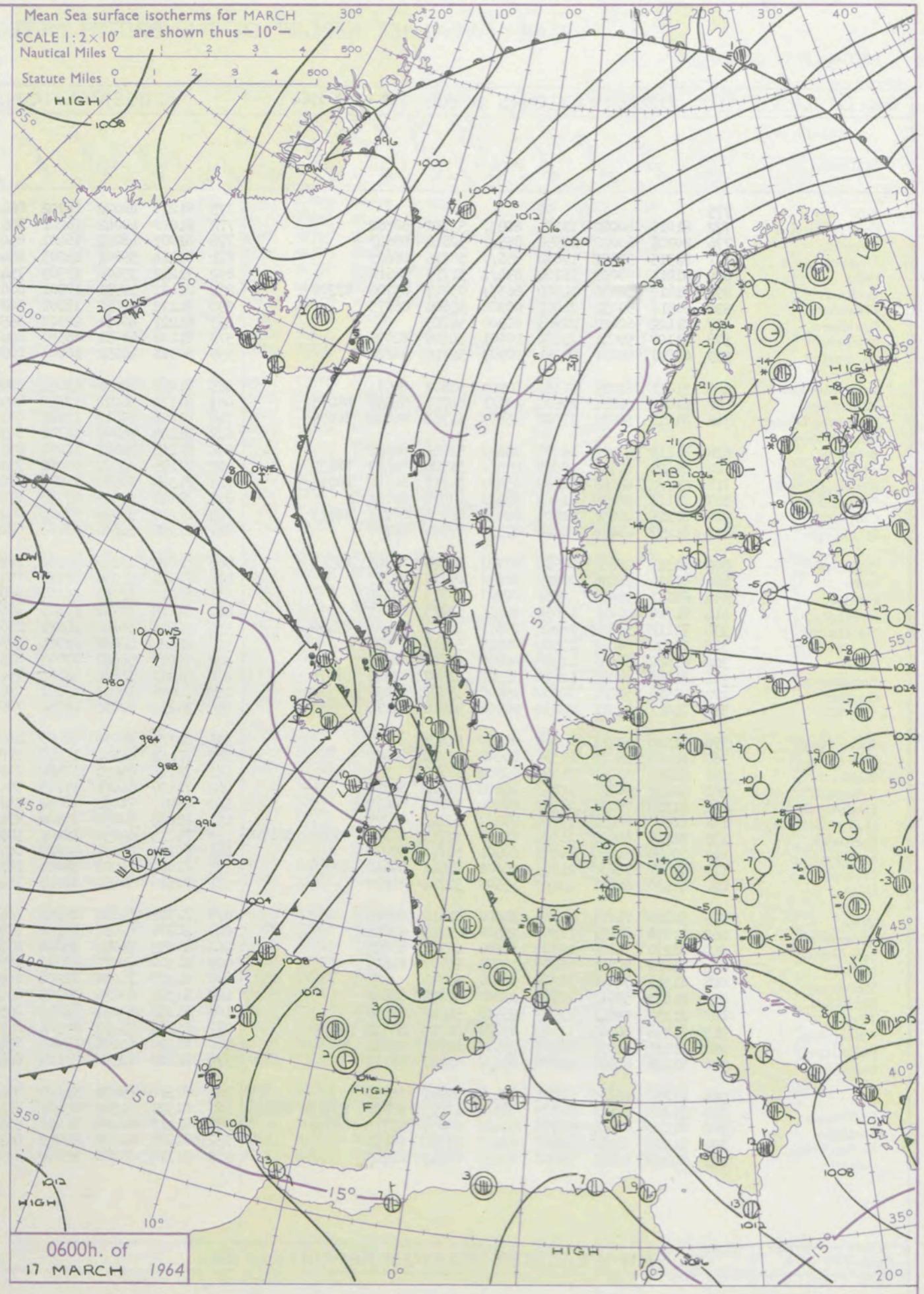
Symbol

For each
half-feat
5 knots







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Tuesday 17 March** 1964

The anticyclone which has been centred over Scandinavia for the past few days is expected to persist while pressure remains low over mid Atlantic. A frontal system has moved northeast into Ireland and southwestern districts of England and Wales and is expected to make slow progress northeastwards for a time but will probably become almost stationary over central England with the development of a small secondary depression on the frontal trough over north France.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Rain over southwest England, Wales and Northern Ireland will extend slowly east and northeast to remaining districts of Britain preceded by sleet or snow in most places. Brighter weather will spread slowly from the southwest behind the rain. It will continue cold in most central and eastern areas but will become less cold in the west.

OUTLOOK for following 24 hours.

Sunshine and showers in Northern Ireland, Wales and southwest England. Mainly dull elsewhere with a little rain or sleet in the east.

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

Code FM 11.A

OBSERVATIONS at 00h. 17 March 1964

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	81010	40042	19201	8093/	53707	88362		
Gatwick	776	80706	60022	18950	855//	52814	88627		
Thorney Island	871	81313	58052	17804	855//	50715	88625		
Hurn	862	81013	58032	16704	854//	51715	88614		
Guernsey	894	81417	32636	14504	863//	03817	85706	87708	
Wattisham	590	60910	59031	21001	00906	55808	86075		
Gorleston	497	01422	62020	22903	00900	54703			
Mildenhall	578	21107	59031	21000	00901	54808	82075		
Cardington	559	80807	58031	20251	00907	52712	88270		
West Raynham	485	31012	61021	21551	00901	55809	83075		
Wittering	462	61012	58011	20500	10931	54717	81359	86075	
Boscombe Down	746	81013	56052	17301	855//	51711	86624	88650	
Ross-on-Wye									
Bristol	628	81113	48052	16201	855//	51717	88622		
Aberporth	502	81423	40717	10001	855//	51728	82627	88637	
Rhoose (Cardiff)	715	81120	48046	14802	854//	51817	84712	88616	
Plymouth	827	81113	28636	11904	874//	03516	88711		
Chivenor	707	81225	48636	11503	854//	01721	86711	88615	
St. Mawgan	817	81237	28636	08204	873//	03725	88707		
Culdrose	809	81518	28636	07906	6722/	06726	86703	88515	
Scilly	804	81522	32636	03909	862//	09721	88705		
Elmdon	534	81113	56022	18851	00907	53713	88270		
Shawbury	414	61110	40042	17650	6093/	53813	86361		
Manchester	334	71114	59022	18601	2557/	55811	82625	87460	
Squires Gate	318	71222	56042	17500	00908	54715	87275		
Valley	302	81012	58042	12303	8097/	53718	88464		
Ronaldsway	204	81240	58042	14103	35507	51820	83625	88275	
Carlisle	222	10913	59031	20200	15600	55807	81635		
Watnall	354	71011	48011	20052	00906	54818	87275		
Spurn Head	396	01520	59011	22003	00900	51808			
Finningley	360	41009	58021	21351	00901	53716	84072		
Dishforth	261	01211	59051	21450	00900	52815			
Tynemouth	262	41432	66020	21403	45600	51712	84630		
Eskdalemuir	162	61310	70031	21352	00904	55707	86072		
Mull of Galloway	131	81640	60032	13601	874//	00711	88710		
Prestwick	135	81118	64022	16500	15637	52712	81630	86359	88270
Renfrew	141	20908	61040	18601	00901	54711	82070		
Leuchars	171	41317	74030	21503	25601	52611	82640	83070	
Dyce	091	61520	66031	23103	65500	52714	86622		
Wick	075	32419	74011	22603	35500	51610	83625		
Cape Wrath	049	21810	81021	16903	25500	53718	82625		
Sule Skerry	010	31230	74026	19704	35500	04707	83620		
Lerwick	005	11620	80021	26403	15500	52707	81628		
Stornoway	026	01319	74020	16304	00900	55713			
Benbecula	022	21432	59041	12703	25600	54721	82645		
Tiree	100	21232	59041	13003	25600	54812	82630		
Aldergrove	917	81324	56042	11603	6547/	51720	86615	88358	
Malin Head	980	71231	58057	09203	755//	50723	84024	87650	
Belmullet	976	81228	66606	00205	864//	02727	88717		
Birr	965	81226	66616	02803	874//	02741	88712		
Collinstown	969	81228	40616	09103	863//	00717	83708	85710	88713
Rineanna	962	81030	62606	98705	864//	03839	83713	88716	
Roches Point	952	81238	32636	97007	872//	07750	88704		
Valentia	953	80923	56656	92009	864//	08747	88713		

OBSERVATIONS at 06h. 17 March 1964

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	81210	48022	16702	864//	51709	85712	88720	
London Airport	772	81010	40042	16201	856//	50715	83640	88656	
Gatwick	776	81007	48022	16401	854//	51712	83614	88630	
Thorney Island	871	81414	59602	15203	854//	50616	88618		
Hurn	862	71217	39606	13503	754//	01711	87614		
Guernsey	894	81422	12596	10904	860//	03714	84700	88701	
Wattisham	590	81112	40052	18301	50977	51711	85363	88270	
Gorleston	497	61221	60031	20302	35504	53708	83620	85075	
Mildenhall	578	81108	48051	18300	8097/	53612	88362		
Cardington	559	80911	48052	16901	00907	52713	88270		
West Raynham	485	71011	48031	19052	20932	54610	82365	87075	
Wittering	462	81114	56022	17550	8091/	54715	88465		
Boscombe Down	746	81220	37617	13901	863//	00712	86706	88712	
Ross-on-Wye	627	81405	24707	12701	8032/	00615	88506		
Bristol	628	81218	28687	12201	853//	01615	86708	88615	
Aberporth	502	71425	48507	05302	752//	01812	82705	87650	
Rhoose (Cardiff)	715	81324	28507	10502	872//	01814	86705	88709	
Plymouth	827	81017	14636	07706	872//	06612	84705	88709	
Chivenor	707	81220	59026	07605	864//	03607	86711	88713	
St. Mawgan	817	81320	35636	05107	872//	07710	88704		
Culdrose	809	81815	23616	04308	7722/	08508	87703	88511	
Scilly	804	72011	61036	03110	755//	10400	87620		
Elmdon	534	81212	37042	15100	856//	53718	88630		
Shawbury	414	81210	30777	13801	855//	52616	88620		
Manchester	334	71216	56042	14401	3567/	55620	83640	87460	
Squires Gate	318	81324	60022	13501	00907	52716	88270		
Valley	302	80917	56607	07003	855//	01725	83620	88635	
Ronaldsway	204	81243	37682	09502	854//	50615	85715	88640	
Carlisle	222	70915	58031	15901	25638	56717	82640	84359	87270
Watnall	354	81214	59012	16751	70977	53615	82360	87465	88275
Spurn Head	396	41523	59030	18203	49600	00711	84930		
Finningley	360	71113	61031	17950	30931	53615	83362	87072	
Dishforth	261	71115	64031	17450	7093/	53717	87365		
Tynemouth	262	71430	61021	17803	785//	51717	83820	87630	
Eskdalemuir	162	81217	70032	16451	856//	56719	88632		
Mull of Galloway	131	81640	60031	07802	874//	53726	88710		
Prestwick	135	71024	69032	12101	50978	51822	81358	85362	86270
Renfrew	141	60914	66031	14700	00902	54720	86070		
Leuchars	171	61417	74022	18002	58501	53713	84825	83635	
Dyce	091	71620	66031	19803	754//	53711	83618	86624	
Wick	075	71521	74021	18703	756//	51506	87630		
Cape Wrath	049	20908	82021	15102	25600	51706	82630		
Sule Skerry	010	41237	74038	16004	455//	03715	84629		
Lerwick	005	51520	80012	23003	55500	53612	85628		
Stornoway	026	11313	74020	12404	10940	53812	81360		
Benbecula	022	61328	69031	08704	656//	55817	86637		
Tiree	100	51240	61041	08002	25502	54822	82625	85075	
Aldergrove	917	81224	40697	06301	863//	00624	82707	88710	
Malin Head	980	81228	61606	03903	854//	51714	83716	88645	
Belmullet	976	81228	62586	93204	864//	03630	88711		
Birr	965	81218	69606	99206	874//	03502	88712		
Collinstown	969	81329	24587	03403	872//	02614	83704	86707	88709
Rineanna	962	81413	66216	96908	55471	07218	82716	85640	87458
Roches Point	952	81517	61026	99009	863//	09213	88707		
Valentia	953	31710	61038	95909	32500	08216	83820		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00011	51	+	+
London Airport	772	00015	51	+	+
Gatwick	776	00505	52	+	+
Thorney Island	871	97011	00	+	ir_o
Hurn	862	01021	02	r_o	rrr_or_o
Guernsey	894	15032	03	r_or_orr	$rrdrd_or_o$
Wattisham	590	00503	53	+	+
Gorleston	497	00011	51	+	+
Mildenhall	578	00501	54	+	+
Cardington	559	00515	53	+	+
West Raynham	485	00523	54	+	+
Wittering	462	00516	52	+	+
Boscombe Down	746	01511	51	is_o	$is_or_os_or_or_o$
Ross-on-Wye	627	03005	50	+	$ssis_o$
Bristol	628	02011	50	ir_o	$isrsid_oir_os_o$
Aberporth	502	03501	50	$ir_os_os_os_o$	$s_os_oid_or_o$
Rhoose (Cardiff)	715	04011	00	$ir_os_os_os_oSS$	$s_os_oir_od_od_o$
Plymouth	827	30032	03	rrRR	r_or_orr
Chivenor	707	05021	01	rr	ir_o
St. Mawgan	817	19032	03	r_or_orrRR	$r_or_odddrd_od_o$
Culdrose	809	18061	05	r_or_orr	$rrddd_od_o$
Scilly	804	15092	//	rr	$rrid_o$
Elmdon	534	97516	53	+	is_o
Shawbury	414	93516	52	+	$d_os_od_os_os_os_o$
Manchester	334	00505	51	+	+
Squires Gate	318	00005	51	+	+
Valley	302	01021	01	+	ir_ors
Ronaldsway	204	03001	00	+	r_os_ors
Carlisle	222	00513	52	+	+
Watnall	354	00527	56	+	+
Spurn Head	396	00010	//	+	+
Finningley	360	00511	55	+	+
Dishforth	261	00511	52	+	+
Tynemouth	262	00021	00	+	+
Eskdalemuir	162	00533	54	+	+
Mull of Galloway	131		//	/	/
Prestwick	135	00510	52	+	+
Renfrew	141	00513	53	+	+
Leuchars	171	00021	50	+	+
Dyce	091	00021	50	+	+
Wick	075	00031	02	+	+
Cape Wrath	049	00010	00	+	+
Sule Skerry	010	97031	01	/	/
Lerwick	005	00021	01	+	+
Stornoway	026	00030	01	+	+
Benbecula	022	00030	01	+	+
Tiree	100	97010	00	+	$r_os_os_o$
Aldergrove	917	04515	50	+	r_os_orsss
Malin Head	980	97021	01	/	/
Belmullet	976	01021	02	/	/
Birr	965	12021	00	/	/
Collinstown	969	16011	00	/	/
Rineanna	962	04041	04	/	/
Roches Point	952	19071	06	/	/
Valentia	953	21081	07	/	/

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	30617	33200	30525	98011	05103	23540	00714	82620	/////	05651	10545	13442
B	30565	51000	80640	97616	89903	6742/	00715	86810	88515	05102	15640	1////
C	30527	35500	80628	96516	74507	864//	00739	88710	/////	00106	10659	1////
D	30440	41000	82740	97616	81111	8052/	00308	88520	/////	05606	17750	1////
I	30590	19200	41030	98031	00008	48500	00613	81820	84640	05304	10944	13147
J	30525	19900	11817	99016	86610	15600	00211	81630	/////	05107	11934	12449
K	30448	16100	22032	97020	98113	28500	00720	82826	/////	00108	17262	11859
M	33660	02000	31912	98012	28905	38600	00713	/////	/////	05251	11923	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	30619	33006	10323	98011	01702	15500	11821	81620	/////	05752	10444	1////
B	30565	51006	80743	97616	86502	874//	00614	88810	/////	05202	15640	1////
C	30527	35506	80926	97025	67907	864//	00739	88712	/////	00106	10957	1////
D	30440	41006	82763	96026	81708	864//	00812	88710	/////	06103	17752	1////
I	30588	18806	81132	96606	94608	855//	31618	88625	/////	05307	11148	13147
J	30525	20006	01218	99020	83210	00900	00718	/////	/////	05109	11234	12457
K	30449	16006	22032	97020	95413	28500	00610	82826	/////	00109	17262	11859
M	33660	02006	31814	98022	25905	35600	00711	/////	/////	05351	11834	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37372 — Date of Issue Wednesday 18 March 1964

ERSION BLE °F

Code FM 11.A — OBSERVATIONS at 12h. 17 March 1964

	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
104	Kew	775	81215	60022	14904	1157/	54806	81820	84360	88364
102	London Airport	772	81215	58012	14804	6552/	52706	81628	86635	88456
100	Gatwick	776	81114	58022	14703	6567/	53710	86635	88462	
99	Thorney Island	871	81314	40686	13803	854//	00804	82614	88620	
97	Hurn	862	81012	19736	11902	853//	01811	87707	88612	
95	Guernsey	894	81423	40586	08904	852//	04713	82705	85708	88620
93	Wattisham	590	71222	58022	17303	7093/	55606	83358	87364	
91	Gorleston	497	61322	58052	19702	10971	54708	81360	85075	
90	Mildenhall	578	71217	58012	16804	1457/	54607	81620	87360	
88	Cardington	559	71116	59012	15904	11632	52705	81835	84365	87070
86	West Raynham	485	71321	62012	17203	7097/	55707	87362		
84	Wittering	462	81218	56022	16302	1562/	52804	81630	88460	
82	Boscombe Down	746	81215	09716	12301	872//	50808	88704		
81	Ross-on-Wye	627	80906	48687	11403	8032/	00709	88508		
79	Bristol	628	81118	19697	10602	853//	01811	87707	88625	
77	Aberporth	502	71520	48506	05304	46271	01703	82704	84706	86465
75	Rhoose (Cardiff)	715	81321	30605	09503	6722/	02808	86705	88515	
73	Plymouth	827	81115	20536	06306	7732/	06710	87706	88510	
72	Chivenor	707	81225	69026	06906	853//	04710	83708	88611	
70	St. Mawgan	817	81118	32586	04107	7722/	06708	87704	88515	
68	Culdrose	809	81914	26106	03310	861//	09808	86701	88704	
66	Scilly	804	81810	04465	02810	862//	10807	88703		
64	Elmdon	534	81115	40222	13701	6732/	52807	86706	88458	
63	Shawbury	414	81108	32717	12502	6542/	51804	86612	88557	
61	Manchester	334	81219	40042	13102	3542/	53807	82715	83640	88458
59	Squires Gate	318	81325	32707	12403	3742/	50707	83715	88457	
57	Valley	302	81215	66606	06906	7567/	02201	87635	88459	
55	Ronaldsway	204	81239	29687	09102	7722/	01607	84704	86709	88520
54	Carlisle	222	81225	61022	14303	6562/	53709	86630	88460	
52	Watnall	354	81218	37032	15501	7742/	52703	87712	88459	
50	Spurn Head	396	71530	57021	16903	7097/	52717	87358		
48	Finningley	360	81322	61022	17103	8097/	56505	83362	88465	
46	Dishforth	261	81518	56042	16403	50977	53706	85465	88270	
45	Tynemouth	262	81530	61022	16603	5561/	51813	85630	88458	
43	Eskdalemuir	162	81415	62222	15401	6562/	56604	86635	88460	
41	Mull of Galloway	131	81640	58707	06702	874//	00706	88710		
39	Prestwick	135	81226	60777	10102	7567/	53726	82640	87650	
37	Renfrew	141	81221	23712	13401	853//	52604	85709	88625	
36	Leuchars	171	71330	66022	16004	31508	51713	83825	87270	
34	Dyce	091	71522	62022	18603	754//	53709	84615	87620	
32	Wick	075	71522	74022	17703	755//	52711	87625		
30	Cape Wrath	049	21135	83020	10905	28600	51724	82830		
28	Sule Skerry	010	61230	74032	15605	655//	04708	86625		
27	Lerwick	005	71625	80022	22104	755//	53708	87625		
25	Stornoway	026	31318	83021	09907	10942	54819	81364	83075	
23	Benbecula	022	81438	66032	06804	5567/	52606	82630	84640	87359
21	Tiree	100	81237	61027	07203	6557/	51505	86627	88459	
19	Aldergrove	917	81326	28517	06003	862//	02500	86705	88709	
18	Malin Head	980	81027	58607	04204	864//	01305	88712		
16	Belmullet	976	61515	74012	96910	534/2	08220	85919	86070	
14	Birr	976	71216	66606	00408	774//	07103	84717	87632	
12	Collinstown	969	81425	56606	03605	863//	03805	85706	87708	88712
10	Rineanna	962	71617	74808	98311	48563	08000	83820	84640	87359
9	Roches Point	952	71512	40102	99710	763//	09801	86706	87635	
7	Valentia	953	71517	72011	96412	62402	09601	82714	86821	87070

OBSERVATIONS at 18h. 17 March 1964

	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	81007	37022	12604	8092/	53500	88460		
London Airport	772	81012	40042	12303	4572/	53704	84650	88458	
Gatwick	776	81012	56057	12103	855//	51606	85625	88650	
Thorney Island	871	81216	37607	11004	7742/	01710	87710	88520	
Hurn	862	80913	25687	09302	6722/	01706	86705	88510	
Guernsey	894	81419	19536	06605	853//	04609	84707	88620	
Wattisham	590	81014	65022	14402	60977	54610	86360	88272	
Gorleston	497	71224	58052	16203	50976	52711	85360	87275	
Mildenhall	578	81114	59022	14503	50937	54503	85360	88270	
Cardington	559	81013	56032	13702	2577/	53301	82656	88460	
West Raynham	485	71019	61032	15101	50971	53504	83362	87075	
Wittering	462	81117	61022	14102	8097/	54604	87360	88465	
Boscombe Down	746	81017	11717	10200	872//	00706	88704		
Ross-on-Wye	627	80810	17717	10000	8032/	00603	88506		
Bristol	628	80910	14737	09601	7722/	00502	87705	88515	
Aberporth	502	71420	58016	05103	6547/	00502	82715	85656	86363
Rhoose (Cardiff)	715	81013	17687	08401	852//	01503	84704	86707	88615
Plymouth	827	81111	15536	04706	7722/	06501	87704	88510	
Chivenor	707	81118	62206	05904	853//	03301	84707	88610	
St. Mawgan	817	81123	48506	03206	7522/	06504	86705	87612	88458
Culdrose	809	91404	04515	02009	9////	09707	89/01		
Scilly	804	61608	48014	01810	65302	10602	83708	85625	
Elmdon	534	81214	32712	11901	853//	53604	83708	86717	88625
Shawbury	414	81306	10727	11301	853//	00303	85706	86710	88625
Manchester	334	81216	48042	11303	7561/	55504	87645	88458	
Squires Gate	318	81320	37227	10803	4577/	51503	84650	88459	
Valley	302	81017	56616	06504	856//	02302	88635		
Ronaldsway	204	81237	35237	08403	6732/	01302	86709	88530	
Carlisle	222	71117	59022	13103	2587/	55503	82657	87359	
Watnall	354	81115	48012	13301	6567/	53603	81640	85650	88462
Spurn Head	396	51420	58012	15202	16470	52105	81715	85358	
Finningley	360	71116	61022	14903	7087/	53501	86357	84462	
Dishforth	261	71219	56042	14602	60978	53503	86460	87270	
Tynemouth	262	81430	58022	14903	6561/	51704	86630	88460	
Eskdalemuir	162	71215	62012	13601	6547/	55502	81715	85632	85358
Mull of Galloway	131	81640	56707	06902	874//	00701	88710		
Prestwick	135	71116	62777	10003	755//	55500	82620	86640	87656
Renfrew	141	81114	16717	11803	7557/	53503	84620	87650	88359
Leuchars	171	81324	64022	14903	41577	52701	84825	83462	88270
Dyce	091	71426	56042	17203	764/2	53705	86711	87070	
Wick	075	71520	69022	15503	784//	53608	83815	86620	
Cape Wrath	049	41430	81030	08603	28602	00703	82630	84070	
Sule Skerry	010	61230	74022	12205	655//	04702	86625		
Lerwick	005	81624	74212	20603	885//	52506	81820	88630	
Stornoway	026	71317	74026	08605	7097/	51706	84358	87460	
Benbecula	022	81332	59227	06403	7547/	01705	83618	87630	88459
Tiree	100	81234	50707	06902	7542/	01201	83615	88458	
Aldergrove	917	81320	22607	06503	863//	01304	84706	88710	
Malin Head	980	81134	56102	03504	864//	02507	84718	88635	
Belmullet	976	61218	82018	96710	23402	07301	81919	86070	
Birr	965	81317	70216	00507	864//	05203	86712	88630	
Collinstown	969	81420	48506	04305	862//	03303	84705	88709	
Rineanna	962	81417	74608	97811	5557/	08202	83620	85650	88459
Roches Point	952	51316	56102	99209	55200	09500	82704	85640	
Valentia	953	81517	61658	94610	6642/	09608	86715	88540	

OBSERVATIONS during DAY

	iii	RRT T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00041	000	+	+
London Airport	772	00041	000	+	+
Gatwick	776	97041	000	+	ir_os_o
Thorney Island	871	01041	000	$is_or_os_or_os_o$	$r_os_or_os_oir_o$
Hurn	862	06042	///	rrr_os_oss	$r_os_or_sr_or_o$
Guernsey	894	14052	000	$drd_or_ir_o$	$d_or_or_or_odrdd$
Wattisham	590	00031	///	+	+
Cambridge	497	00030	020	+	+
Mildenhall	578	00051	010	+	+
Cardington	559	00041	000	+	+
West Raynham	485	00041	008	+	+
Wittering	462	00055	010	+	+
Boscombe Down	746	04026	000	is_oss	s_os_oss
Ross-on-Wye	627	04036	000	$is_or_sr_s$	$s_os_ois_o$
Bristol	628	06036	000	$rsrss_os_o$	$sss_os_or_os_o$
Aberporth	502	97051	001	id_oir_o	id_o
Rhoose (Cardiff)	715	10045	000	$id_oir_os_sr_sr_s$	$s_os_oif_ss_sr_sr_s$
Plymouth	827	17062	000	$r_or_od_rdd_rr$	$d_od_od_dd_rd_or_o$
Chivenor	707	97071	000	ir_o	id_o
St. Mawgan	817	03072	000	$d_od_od_r$	$d_or_od_od_o$
Culdrose	809	97102	000	$d\,d_oFFif$	$id_od_od_od_odd$
Scilly	804	00122	001	ff	+
Elmdon	534	95025	000	$is_oiss_os_o$	$is_os_os_o$
Shawbury	414	03037	000	$s_os_or_os_o$	$r\ os_os_os_o$
Manchester	334	00031	000	+	+
Squires Gate	318	91041	000	$is_or_os_o$	is_o
Valley	302	03061	000	$ir_or_{rr}r_or_o$	r_or_o
Ronaldsway	204	05031	000	$r_os_or_or_o$	r_os_o
Carlisle	222	00040	000	+	+
Watnall	354	00027	000	+	+
Spurn Head	396	00030	003	+	+
Finningley	360	00051	007	+	+
Dishforth	261	00041	000	+	+
Tynemouth	262	00041	000	+	+
Eskdalemuir	162	97023	000	ir_o	+
Mull of Galloway	131	01031	///	/	/
Prestwick	135	97041	000	is_o	is_o
Renfrew	141	97041	000	s_os_o	is_o
Leuchars	171	00051	001	+	+
Dyce	091	00041	009	+	+
Wick	075	00041	001	+	+
Cape Wrath	049	00050	///	+	+
Sule Skerry	010	00051	///	/	/
Lerwick	005	97041	008	+	ir_o
Stornoway	026	97080	054	+	ir_o
Benbecula	022	97051	000	ir_o	ir_os_o
Tiree	100	97040	000	$s_os_or_os_or_os_o$	$r_os_or_os_o$
Aldergrove	917	06032	000	$r_os_od_od_oir_oir$	$ir_or_or_or_s$
Malin Head	980	9705/	000	/	/
Belmullet	976	0344/	057	/	/
Birr	965	0210/	011	/	/
Collinstown	969	0205/	000	/	/
Rineanna	962	9112/	017	/	/
Roches Point	952	0011/	017	/	/
Valentia	953	0312/	017	/	/

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	32912	20423	99030	99803	15501	00811	81620	/////	05451	10433	10645
B	30565	51012	80548	97026	89003	6722/	00212	85812	88530	00001	15555	1////
C	30527	35512	81024	96614	63407	6642/	00710	86710	/////	00005	10847	1////
D	30440	41012	72740	98801	81907	72400	00205	87815	/////	06402	17555	1////
I	30588	18712	81133	97258	93908	7847/	00807	87815	88458	05306	11148	16431
J	30527	20212	80919	97028	81311	884//	41720	86818	87640	00109	10923	12156
K	30447	16412	62230	97031	97913	32504	00213	83820	86073	00109	12159	17564
M	33660	02012	61914	98022	24606	63600	00709	/////	/////	05100	11934	1////

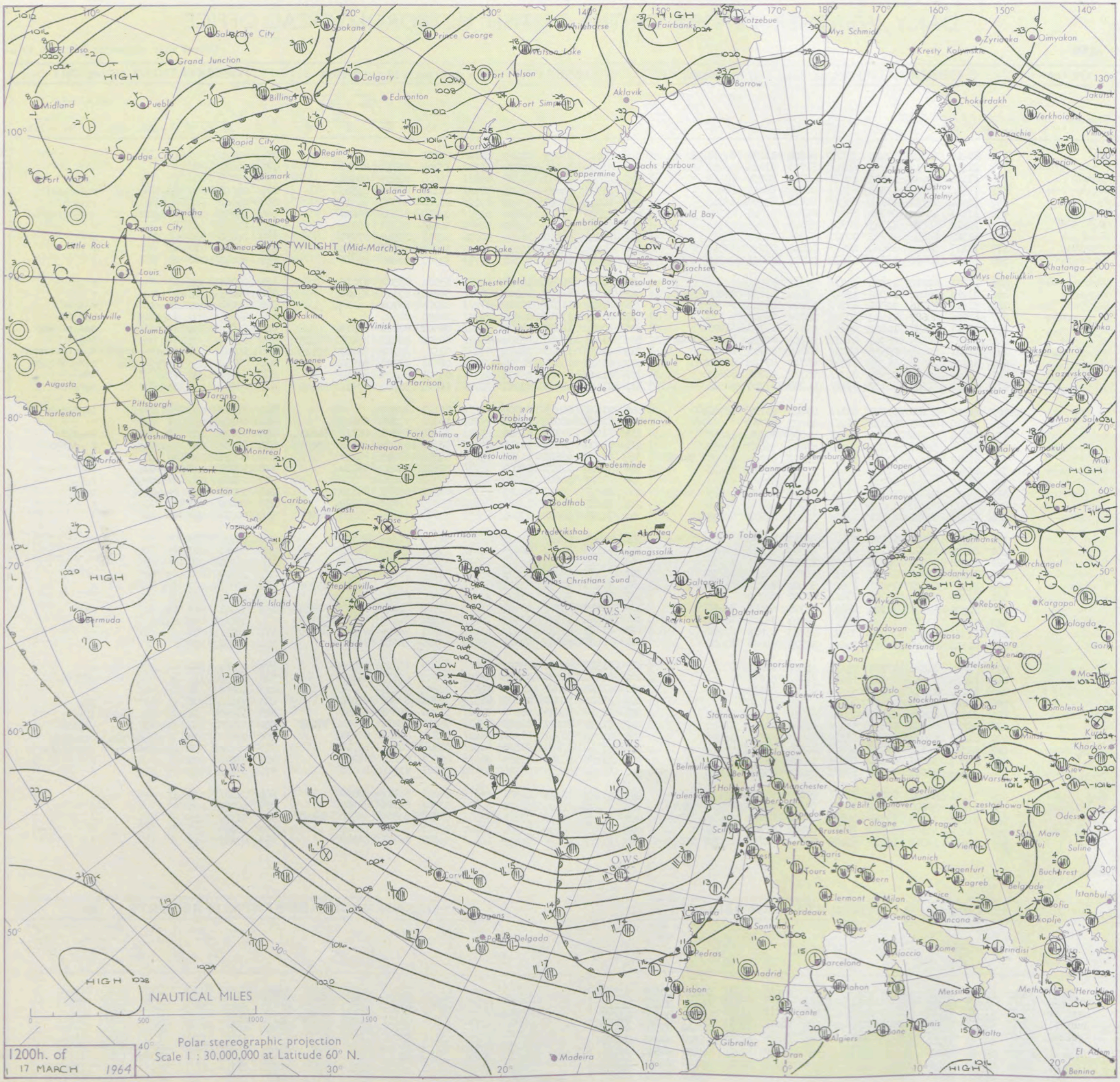
Code FM 21.A — OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30619	33018	30531	98030	97205	35500	00509	83620	/////	05101	10545	13242
B	30565	51018	80545	97616	94103	67425	00315	86810	88530	00001	15566	1////
C	30527	35518	21605	98011	67407	11671	00214	81835	/////	00102	14915	1////
D	30440	41018	52537	97258	78307	53400	00719	85915	/////	06200	17659	1////
I	30590	19018	80830	96612	89808	884//	00723	83812	88618	05406	10846	16461
J	30526	20018	11212	98010	78211	10930	32818	81360	/////	00109	11123	11346
K	30448	16218	72030	95518	94512	774//	00729	87710	/////	05111	17162	17862
M	33660	02018	61918	98022	22506	65600	00607	/////	/////	05251	11945	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



Explan
of sy

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Symbol

Sky

WEA

Symbol

Mist
Fog
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Rain
Rain
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Rain
Rain
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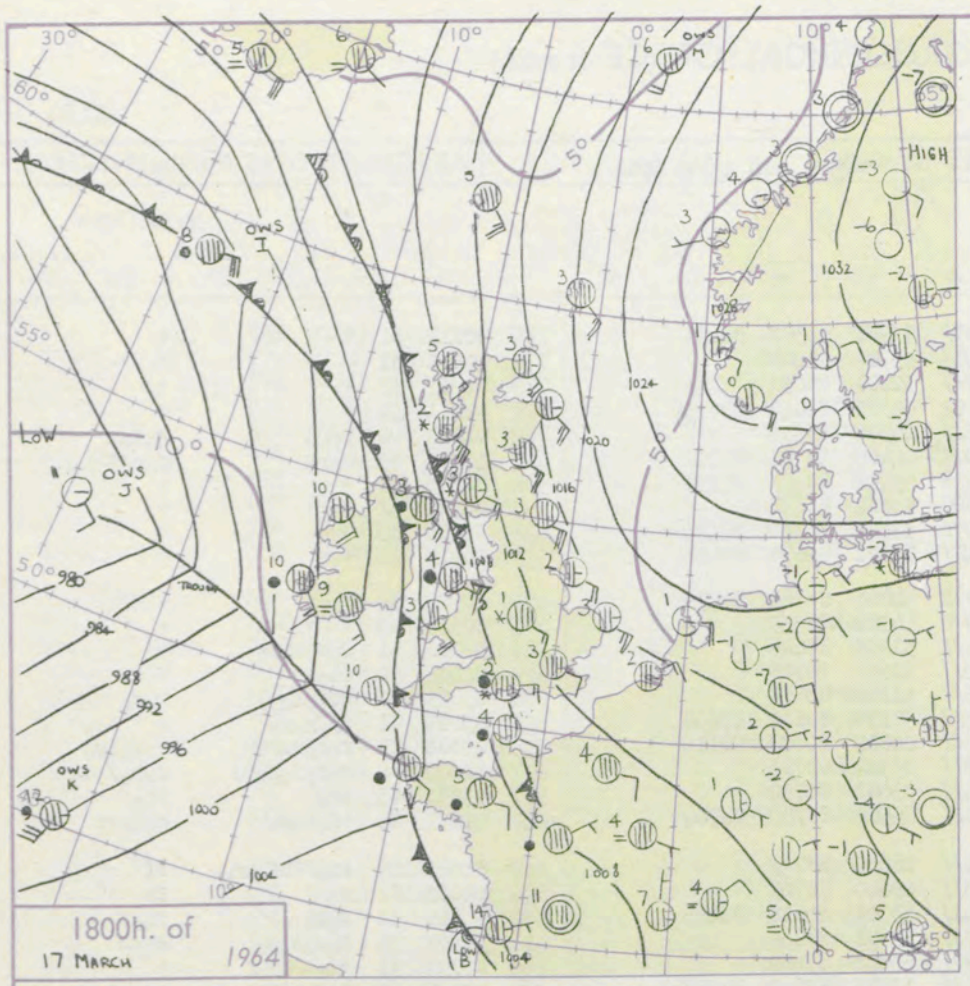
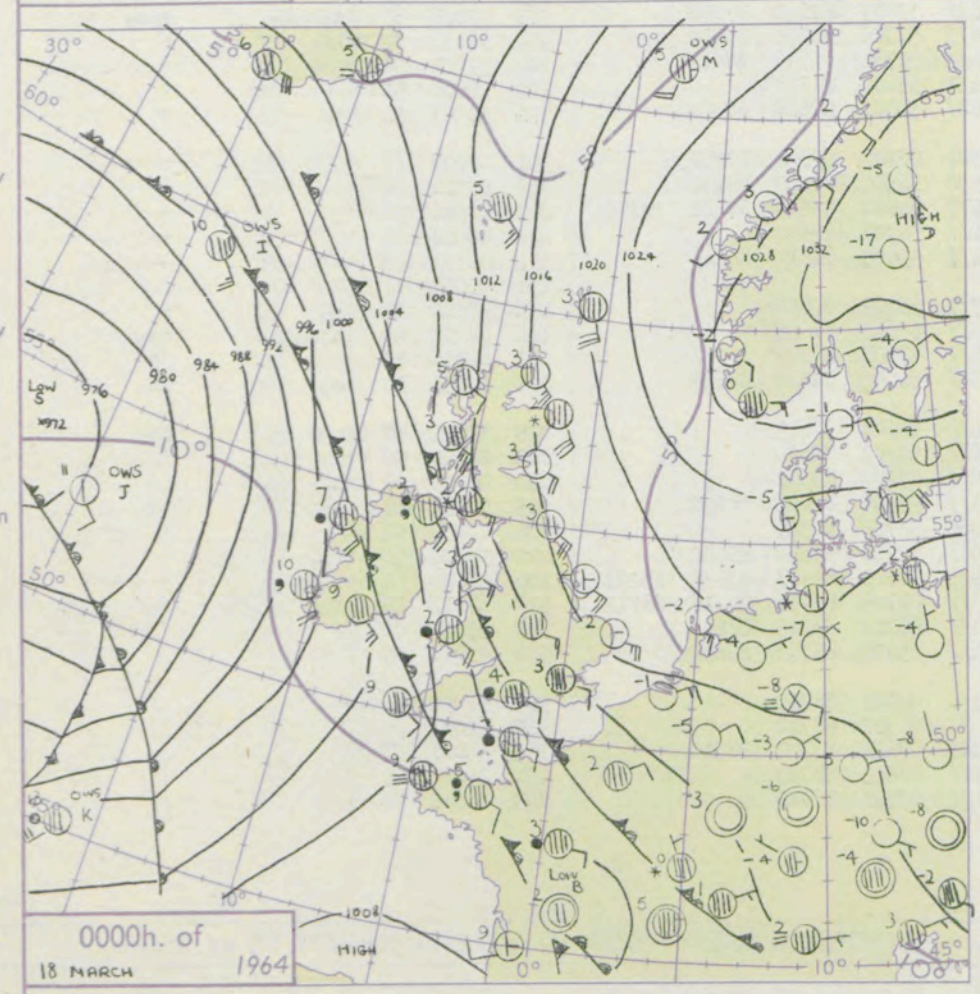
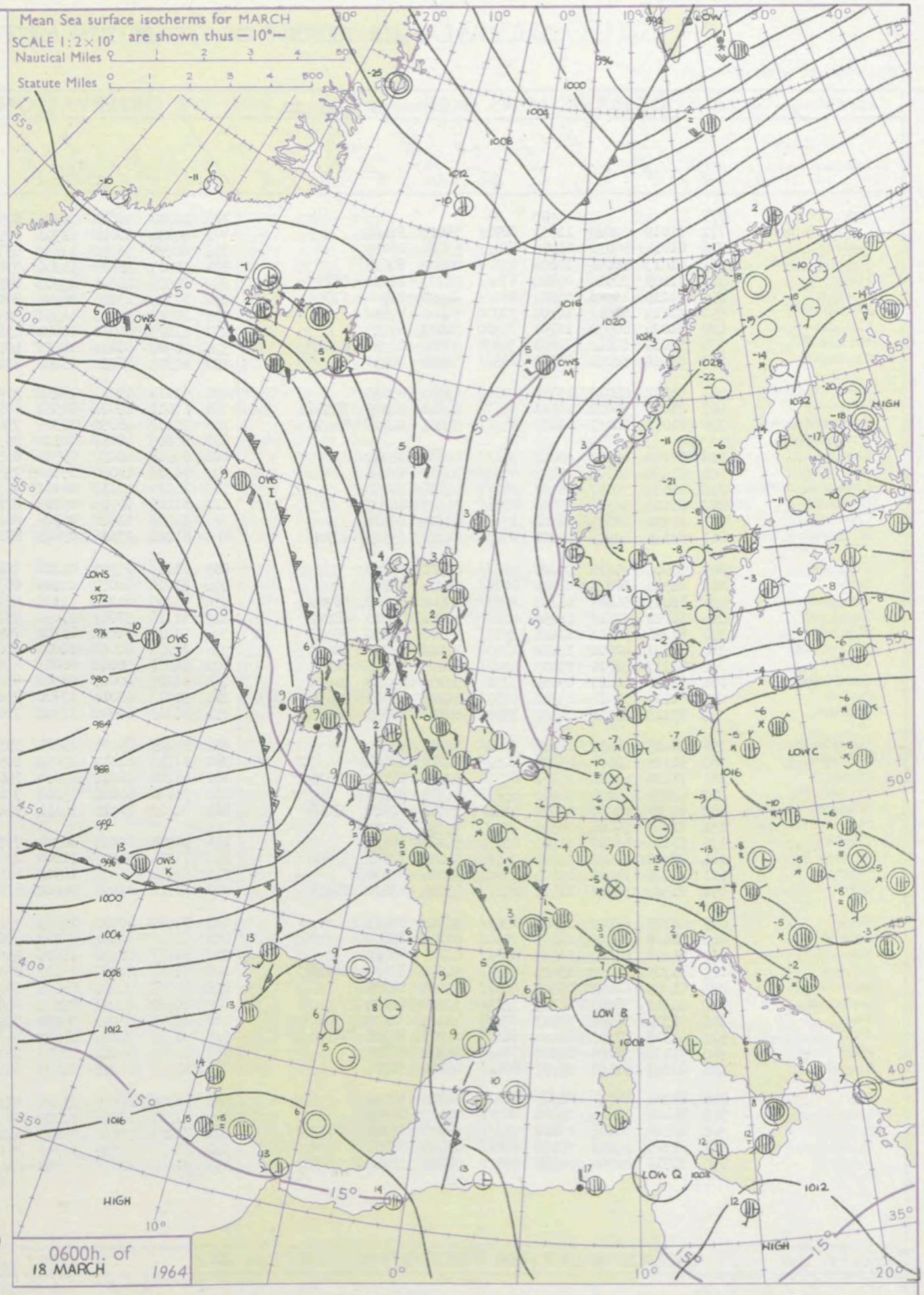
Symbol

For each
half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 18 March 1964

High pressure has been maintained over Scandinavia and northwest Russia and with low pressure over the Atlantic a southeasterly airstream has persisted over the British Isles. Troughs of low pressure have moved slowly northeast over many western districts but have soon weakened and become almost stationary. Little general change is expected during the next 24 hours with further troughs from the Atlantic affecting only Northern Ireland, and southwestern areas of England and Wales.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Eastern and central districts will be cold or very cold, perhaps with a little light snow from time to time but also sunny intervals. In the extreme southwest there will be periods of rain and near normal temperatures but most other western districts will be cold with occasional rain or snow.

OUTLOOK for following 24 hours

Probably continuing cold over much of Britain but temperatures near normal in Northern Ireland and the southwest.

Code FM 11.A

OBSERVATIONS at 00h. 18 March 1964

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			03					
London Airport	772	81012	62022	11803	8092/	54804	88460		
Gatwick	776	81014	50052	11902	856//	53601	88635		
Thorney Island	871	81013	58026	10804	855//	00803	88628		
Hurn	862	81209	32616	09804	874//	02705	82710	88713	
Guernsey	894	81215	19586	06904	861//	04400	84702	87703	
Wattisham	590	31014	61011	14700	30970	54000	83362		
Gorleston	497	31026	60030	16702	35500	54002	83625		
Mildenhall	578	51012	61012	11601	30938	53000	83362	85270	
Cardington	559	81016	58022	13502	8097/	52000	88458		
West Raynham	485	51017	61012	15551	00902	53102	85075		
Wittering	462	81010	59022	14401	4577/	52400	84656	88466	
Boscombe Down	746	81012	40057	10201	855//	51804	84625	88650	
Ross-on-Wye									
Bristol	628	81008	48687	09602	854//	50602	88612		
Aberporth	502	81420	58602	05402	8092/	50301	88558		
Rhoose (Cardiff)	715	81014	20687	08401	862//	01806	88705		
Plymouth	827	81114	40516	05806	873//	06309	88707		
Chivenor	707	81210	48605	06304	874//	03302	88711		
St. Mawgan	817	81120	40505	04106	872//	06208	85704	88706	
Culdrose	809	90904	01475	03008	9////	08501	89/00		
Scilly	804	81508	58031	02809	862//	09204	88704		
Elmdon	534	81013	56027	12301	4567/	53802	84645	88360	
Shawbury	414	81012	30227	11850	855//	50801	82620	88645	
Manchester	334	81216	56042	12801	3572/	53106	83650	88458	
Squires Gate	318	81321	40702	12204	4747/	52102	84718	88458	
Valley	302	81217	58216	07403	4567/	50203	84635	88459	
Ronaldsway	204	81339	40687	09602	3732/	00104	83708	88516	
Carlisle	222	81218	59022	14302	6557/	54103	82625	86656	88460
Watnall	354	81114	59022	14100	3562/	52801	83635	88462	
Spurn Head	396	31425	58011	15602	35500	52002	83620		
Finningley	360	81119	59022	15301	8092/	52801	88460		
Dishforth	261	71216	66012	15501	60932	52201	86362	87075	
Tynemouth	262	61432	66022	16203	656//	51203	86630		
Eskdalemuir	162	71315	62031	14850	4552/	55002	84628	87458	
Mull of Galloway	131	81640	56026	08502	874//	51206	88710		
Prestwick	135	81116	62707	11802	856//	54210	88636		
Renfrew	141	71318	59047	13302	756//	54208	83632	87650	
Leuchars	171	21420	74011	15703	15601	53004	81630		
Dyce	091	81523	59702	17402	855//	53604	83620	88635	
Wick	075	61723	69022	15703	654//	52302	86615		
Cape Wrath	049	21428	82011	09103	25600	00703	82630		
Sule Skerry	010	41237	66022	11904	455//	04705	84620		
Lerwick	005	81729	74262	19603	885//	54704	82822	88628	
Stornoway	026	61309	66031	09305	6097/	52103	86359		
Benbecula	022	41442	58046	06704	45600	52802	84637		
Tiree	100	81334	56047	07903	855//	51201	88621	88661	
Aldergrove	917	81323	37587	07202	863//	01303	85706	88708	
Malin Head	980	71134	56107	04003	764//	01302	87712		
Belmullet	976	81321	61606	96507	864//	06704	88714		
Birr	965	81320	66026	01305	864//	04305	98711		
Collinstown	969	81422	56215	05304	863//	02102	88709		
Rineanna	962	81320	66606	97809	863//	08702	85708	88713	
Roches Point	952	81324	24215	99409	860//	08400	88701		
Valentia	953	81518	66506	94610	864//	09804	88718		

OBSERVATIONS at 06h. 18 March 1964

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
775	80910	58022	12301	8097/	53501	85363	88465	
772	80814	60022	11701	8091/	53702	88460		
776	80809	56052	11650	857//	52701	88650		
871	51007	56022	11302	35601	51306	83640	83075	
862	80909	48026	09504	855//	00302	88622		
894	81319	13206	06904	860//	04400	85701	88702	
590	70910	58011	14151	30938	55604	83362	87272	
497	41123	60011	16801	45509	53702	84624		
578	70909	61031	14551	40936	55502	84360	87270	
559	80914	58032	13200	2547/	53801	82618	88458	
485	61015	62011	15252	30932	54604	83362	86075	
462	61011	62021	14551	60970	54302	86359		
746	70912	48052	10301	756//	51305	87645		
627	80808	48057	10100	863//	51602	88708		
628	80908	48057	09501	855//	51102	88622		
502	71318	48056	05102	755//	51108	83622	87645	
715	81018	40217	08101	853//	00802	84708	88614	
827	81109	28515	05505	872//	05302	88704		
707	81215	61026	05705	864//	03603	88710		
817	81221	23586	03605	871//	05504	86702	88704	
809	81110	03586	02708	861//	08805	88702		
804	81716	58022	01209	863//	09610	88708		
534	81115	61032	12150	4541/	53301	84616	88465	
414	81116	57047	11050	857//	52601	88650		
334	71017	62022	11700	7097/	53604	87459		
318	71222	40047	11001	2567/	53607	82640	87458	
302	81017	58042	06003	4567/	51708	84635	88458	
204	81238	40047	08302	854//	51710	85714	88618	
222	31013	62011	13700	25431	55604	81718		
354	81115	62012	13951	7562/	54501	87648	88462	
396	81229	59031	15401	59307	00702	85908	87280	
360	61210	61012	15051	20938	54500	82362	85270	
261	81116	66012	15150	25677	54601	82640	87462	88272
262	71430	66022	15202	756//	54707	87630		
162	71215	62012	14151	784/1	55605	84819	84645	
135	71216	62027	10301	757/1	53709	87650		
141	71214	61017	11802	755//	53613	87628		
171	61518	74031	14702	655//	53708	86625		
091	81522	62027	16602	856//	54603	82630	88635	
075	71622	80022	14703	754//	52504	87615		
049	51420	82021	09001	556//	53701	85630		
010	51237	66031	11604	555//	03203	85620		
005	81627	74027	19103	855//	55400	85628	88642	
026	11308	74021	08604	10940	53704	81359		
022	61540	62021	05903	656//	52706	83640	85650	
100	71235	58042	06203	45436	52710	82618	83635	85272
917	81224	37206	05803	863//	01706	83708	86710	88712
980	81334	56101	02903	854//	01706	83715	88645	
976	81226	62216	94606	864//	05606	86713	88630	
965	81120	66606	99305	873//	04708	88709		
969	81325	48516	03504	864//	01507	88712		
962	81223	58616	95609	873//	07614	83707	88710	
952	81327	40635	96709	862//	09615	88703		
953	81520	58635	92509	864//	07508	88715		

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONV TA °C
775	00011	51	+	+	40
772	00011	51	+	+	39
776	00511	53	+	+	38
871	00011	52	+	+	37
862	01031	02	r_0r_0	r_0r_0	36
894	10031	03	d_0r_0	$d_0r_0d_0d_0f$	35
590	00513	53	+	+	34
497	00501	52	+	+	33
578	00511	53	+	+	32
559	00511	51	+	+	31
485	00523	54	+	+	30
462	00515	53	+	+	29
746	93006	51	$s_0s_0r_0s_0$	+	28
627	02006	50	is_0ss	+	27
628	03015	00	ssr_0s_0	r_0s_0	26
502	93021	01	$ir_0r_0r_0$	+	25
715	02001	01	r_0s_0ssrs	$r_0s_0ir_0$	24
827	02042	04	$r_0r_0d_0d_0dd$	$d_0r_0d_0d_0$	23
707	97031	03	ir_0	id_0	22
817	01051	05	$id_0d_0d_0$	d_0r_0rr	21
809	01081	05	id_0FFFF ir_0	ff	20
804	01092	//	+	ir	19
534	97515	51	s_0s_0	is_0	18
414	94507	51	$r_0s_0s_0s_0$	s_0s_0	17
334	00001	51	+	+	16
318	97001	50	$is_0s_0s_0$	s_0s_0	15
302	91031	02	r_0r_0	+	14
204	97021	01	r_0s_0	+	13
222	00000	51	+	+	12
354	00527	52	+	+	11
396	00000	//	+	+	10
360	00511	54	+	+	9
261	00501	52	+	+	8
262	00011	51	+	+	7
162	00523	53	+	+	6
131	91011	//	/	/	5
135	97010	01	is_0	+	4
141	97013	00	$is_0s_0s_0$	is_0	3
171	00011	00	+	jp	2
091	97011	00	is_0	is_0	1
075	97021	01	+	ps_0	0
049	00010	02	+	+	−1
010	00031	01	/	/	−2
005	97021	01	ps_0	is_0	−3
026	00030	01	+	+	−4
022	97000	50	ir_0	+	−5
100	00020	01	+	+	−6
917	01012	01	$ir_0d_0r_0d_0d_0$	$d_0r_0d_0d_0ir_0$	−7
980	97021	02	/	/	−8
976	01061	05	/	/	−9
965	97051	04	/	/	−10
969	01031	50	/	/	−11
962	94081	07	/	/	−12
952	04082	08	/	/	−13
953	11081	08	/	/	−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	40619	33100	80533	96031	97006	855//	11507	88620	/////	00203	10548	13242
B	40565	51000	80440	97028	94503	855//	00117	88620	/////	00000	15552	1////
C	40528	35500	01415	98021	81406	00900	00317	/////	/////	05102	11535	1////
D	40440	41000	73637	97808	78307	72500	00400	87820	/////	06203	17659	1////
I	40590	19200	81325	97018	91410	884//	31320	83818	87625	00007	11333	16460
J	40525	20000	21609	98013	76311	25600	00712	82630	/////	00008	11522	149/5
K	40450	15900	62228	96616	96813	65400	00305	83710	86635	00213	12158	12669
M	43660	02000	72022	98022	21705	75600	00805	/////	////	05201	12056	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	40617	32506	80534	96022	94606	855//	22608	88620	/////	00004	15542	1////
B	40565	51006	80245	97012	96003	854//	00308	88616	/////	00000	15541	1////
C	40527	35506	20908	98020	72206	10931	00307	81359	/////	05103	100/0	10655
D	40440	41006	82747	96616	75808	8556/	00303	88620	/////	05806	17659	1////
I	40590	18906	81031	97021	89609	855//	21712	88625	/////	05107	11049	149/9
J	40526	19906	82522	97026	77210	854//	00316	88618	/////	05107	12234	148/5
K	40451	15706	82019	96611	96813	854//	00807	83713	86640	00113	17150	12267
M	43660	02006	82222	96707	20905	6752/	00400	/////	/////	05201	12256	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37373

Date of Issue Thursday 19 March 1964

Code FM 11.A — OBSERVATIONS at 12h. 18 March 1964

ERSION BLE °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
104	Kew	775	61218	60021	11705	60932	59810	85365		
102	London Airport	772	71020	61022	11705	70971	57809	81362	87365	
100	Gatwick	776	61315	62021	11606	20932	57608	82362	84075	
99	Thorney Island	871	61216	50052	10505	21531	50812	82820	85075	
97	Hurn	862	80915	57022	08905	4542/	00716	81615	88459	
95	Guernsey	894	81317	19216	06905	860//	05508	85701	85702	88705
93	Wattisham	590	51014	56012	13802	31430	52810	83815		
91	Gorleston	497	71220	60022	16701	12506	53202	81820	87275	
90	Mildenhall	578	61013	59022	13504	2553/	53815	82625	86359	
88	Cardington	559	70814	59032	12703	31538	51807	83825	85359	87275
86	West Raynham	485	61119	62022	14003	61531	54810	86822		
84	Wittering	462	51115	64012	13303	41501	56811	84822	83075	
82	Boscombe Down	746	81220	59052	09004	25437	52816	81618	85359	88273
81	Ross-on-Wye									
79	Bristol	628	81120	58052	08604	5572/	51812	85656	88459	
77	Aberporth	502	81415	40602	03003	65477	51819	82710	86650	88270
75	Rhoose (Cardiff)	715	81016	32212	08402	853//	50054	83707	88615	
73	Plymouth	827	81215	19656	03806	7722/	06710	87704	88508	
72	Chivenor	707	81122	50586	01605	873//	03812	86706	88708	
70	St. Mawgan	817	81224	40636	01407	872//	06712	83703	88704	
68	Culdrose	809	81414	28616	00909	860//	09714	82701	85704	88711
66	Scilly	804	81719	24636	98810	862//	10712	88703		
64	Elmdon	534	71115	58057	11402	1557/	54710	81620	83358	87365
63	Shawbury	414	71113	56042	10402	5565/	53813	85640	85359	
61	Manchester	334	81118	56042	11601	8092/	51809	88160		
59	Squires Gate	318	71223	58042	10903	7097/	55711	83358	87460	
57	Valley	302	80917	62042	05205	4567/	51711	81640	81656	88459
55	Ronaldsway	204	81038	58042	07803	5553/	52707	85620	88358	
54	Carlisle	222	61226	66021	13102	11631	57810	81835	86075	
52	Watnall	354	61315	59022	12901	61501	53812	86825		
50	Spurn Head	396	61420	58012	14901	42530	53703	84825	85360	
48	Finningley	360	61219	70022	14204	21530	54813	82824	85358	
46	Dishforth	261	71221	66022	14302	785//	54705	85825	87635	
45	Tynemouth	262	51430	61022	14902	52600	53707	85835		
43	Eskdalemuir	162	61220	70012	13801	38534	57803	83822	84070	
41	Mull of Galloway	131	81434	63022	07502	874//	53203	88714		
39	Prestwick	135	71220	74022	10003	755//	57803	81625	83645	87656
37	Renfrew	141	71318	58031	11803	7553/	55710	82620	87650	
36	Leuchars	171	71421	74158	14902	685/1	54801	81820	83636	
34	Dyce	091	71519	61268	16601	784/2	51703	85816		
32	Wick	075	41623	66018	15003	42500	51704	84820		
30	Cape Wrath	049	31416	82021	10403	35600	53218	83630		
28	Sule Skerry	010	71237	66032	12503	755//	02203	87620		
27	Lerwick	005	51727	62268	19703	58530	53001	82820	84635	
25	Stornoway	026	11411	83020	09006	10941	55202	81360		
23	Benbecula	022	41435	66021	06605	15532	53802	81622	84075	
21	Tiree	100	61235	61042	06704	45432	53605	81715	84624	85072
19	Aldergrove	917	81222	40587	05702	6722/	01803	81704	86706	88513
18	Malin Head	980	71344	58102	02604	11578	51806	81824	85462	87270
16	Belmullet	976	81323	69216	96407	6642/	05216	86715	88458	
14	Birr	965	81225	66606	98006	5542/	04710	83710	85626	88463
12	Collinstown	969	81328	40615	03203	874//	01803	85712	88715	
10	Rineanna	962	81220	48506	95709	853//	06800	82709	86713	88620
9	Roches Point	952	51710	56206	96010	564//	10303	85710		
7	Valentia	953	22308	69056	95513	21500	09322	82826		

OBSERVATIONS at 18h. 18 March 1964

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	80914	58032	09304	856//	55706	88630		
772	81114	37702	09004	2742/	54613	82718	88550	
776	81010	22732	09301	8062/	00712	88530		
871	81015	32637	07403	5632/	03716	85708	88520	
862	80912	20587	05704	7732/	03618	85706	86708	88520
894	81810	05426	02708	860//	08511	87700		
590	71017	50022	11902	7097/	55811	87359		
497	71322	60032	13803	755//	52708	87628		
578	81014	61022	11603	856//	55102	86640	88657	
559	80914	56022	10403	8097/	53606	85359	88362	
485	81116	61032	12802	70977	55500	87360	88272	
462	81114	64032	11302	8087/	57502	88358		
746	80916	19692	06400	872//	00716	85705	88710	
627	80910	24777	06901	8032/	00706	88508		
628	81012	24617	05902	8632/	01509	86706	88515	
502	71420	58258	00403	68460	01511	81816	86657	
715	81015	20587	05102	862//	01506	86704	88708	
827	71010	27516	01006	6722/	06605	86705	87510	
707	81219	59026	01605	863//	03707	86709	88711	
817	81117	48506	00207	852//	07305	84704	86706	88615
809	82204	26516	99610	872//	09104	86703	88708	
804	72208	32506	98711	66202	11803	86703	87068	
534	81115	56702	08802	8092/	55502	88160		
414	81211	23702	08002	854//	52609	85712	88635	
334	81117	50042	08903	3567/	55606	83640	88160	
318	81221	50042	08303	1577/	53707	81656	88160	
302	80918	56617	02803	5542/	02716	81712	85618	88540
204	81134	40682	06302	7542/	00506	87615	88540	
222	70914	59022	11302	15678	55605	81645	86361	86270
354	81214	48032	10502	4562/	53506	81630	88460	
396	81425	48032	12203	4557/	51710	84625	88358	
360	71115	59022	11902	5573/	52607	85656	87360	
261	71117	50042	11801	55638	52709	85645	84362	87272
262	71429	66031	13002	4567/	52811	84630	87360	
162	61315	62012	11550	35602	57605	83640	86070	
131	81132	58032	05703	874//	53706	87712		
135	71119	64022	08202	6573/	55609	82650	86656	87359
141	81215	56042	10103	55647	56506	81640	84656	88270
171	61320	70018	13003	685//	55508	85828		
091	71518	40278	14901	784//	51703	82815	87640	
075	61424	62018	13603	684//	51601	84818	84635	
049	31418	82020	07402	35600	52713	83630		
010	71230	74032	11204	735//	00704	87920		
005	71522	59272	18703	784//	51503	82815	86635	
026	21508	80020	07805	10942	53502	81362		
022	71325	66022	05705	1557/	53302	81625	87360	
100	71231	62042	05404	15632	54202	81635	87360	
917	81221	28687	04301	6732/	00708	86708	88530	
980	81333	56617	03102	5642/	00301	85716	88556	
976	51217	74021	96305	16502	04504	81720	85070	
965	71219	62026	97906	764//	04701	84715	87630	
969	81322	40607	01703	863//	02504	82706	86708	
962	71015	66038	98310	764//	08306	87712		
952	71008	56101	96609	26401	09001	82710	87071	
953	61707	74031	94411	11505	07809	81825	86270	

OBSERVATIONS during DAY

iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	02065	031	+	s_os_oss
772	02065	021	+	$ssss_os_or_os_o$
776	01071	027	+	$s_os_oshshr_os_o$
871	03052	015	s_oh_o	rsrsrrdrdd
862	06051	///	$ir_or_os_ors$	rsr_os_odr
894	06091	000	$id_odrrrff$	$rrffd_od_offid_o$
590	00041	///	+	+
497	00030	031	+	+
578	00051	021	+	+
559	97061	014	+	is_o
485	00041	039	+	+
462	00041	026	+	+
746	04041	000	$is_or_os_o$	$is_oisrr_or_od_od_o$
627	01045	000	+	is_oisis_o
628	04051	000	ir_os_o	$rsrsr_or_od_od_o$
502	91041	011	ir_o	ir_opr_o
715	06042	000	$ir_or_os_or_os_o$	rrd_or_o
827	17071	000	d_od_oRRrr	RRr_od_o
707	01051	000	$ir_od_or_o$	ir_o
817	06081	002	$rrr_or_od_od_o$	d_od_o
809	10102	000	r_or_orr1F	$id_od_od_o$
804	07122	012	rr	id_o
534	92046	001	+	s_os_o
414	91037	001	+	s_os_o
334	00031	000	+	+
318	00050	004	+	+
302	11062	000	$r_os_or_or_o$	$r_os_orrRRr_or_o$
204	91031	000	+	r_os_o
222	00040	064	+	+
354	00036	018	+	+
396	00030	016	+	+
360	00051	019	+	+
261	00031	010	+	+
262	00031	027	+	+
162	00023	075	+	+
131	97031	///	/	/
135	00040	006	+	+
141	00051	021	+	+
171	97041	039	ps_o	ps_o
091	01035	004	ps_oph_of	ps_opsphf
075	97041	024	ps_o	ps_o
049	00040	///	+	+
010	00051	///	/	/
005	97041	088	is_ops_o	$ps_oph_os_o$
026	00070	090	+	+
022	00060	025	+	+
100	00060	012	+	+
917	02032	000	$r_os_or_os_od_od_oid_o$	r_os_o
980	0304/	000	/	/
976	0110/	026	/	/
965	0406/	002	/	/
969	0604/	000	/	/
962	1113/	031	/	/
952	1511/	050	/	/
953	0614/	074	/	/

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	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40616	31712	80532	91612	92107	7732/	22507	87808	/////	00306	15545	10846
B	40565	51012	70430	97618	99504	6742/	00220	85815	884//	00002	15541	1////
C	40527	35512	80411	98021	73507	12531	00307	81820	880//	00105	12147	1////
D	40441	41012	82845	96806	80909	884//	00224	86812	88630	05606	17767	1////
I	40590	18812	81035	97818	87108	884//	00817	84818	88625	05407	16041	199/0
J	40525	20112	51914	99022	81511	21601	00118	82830	84075	00209	11933	12046
K	40451	15612	81835	96038	94713	5747/	00821	84713	88450	00212	16941	12665
M	43660	02012	82024	96808	21704	894//	00108	/////	/////	05501	12056	1////

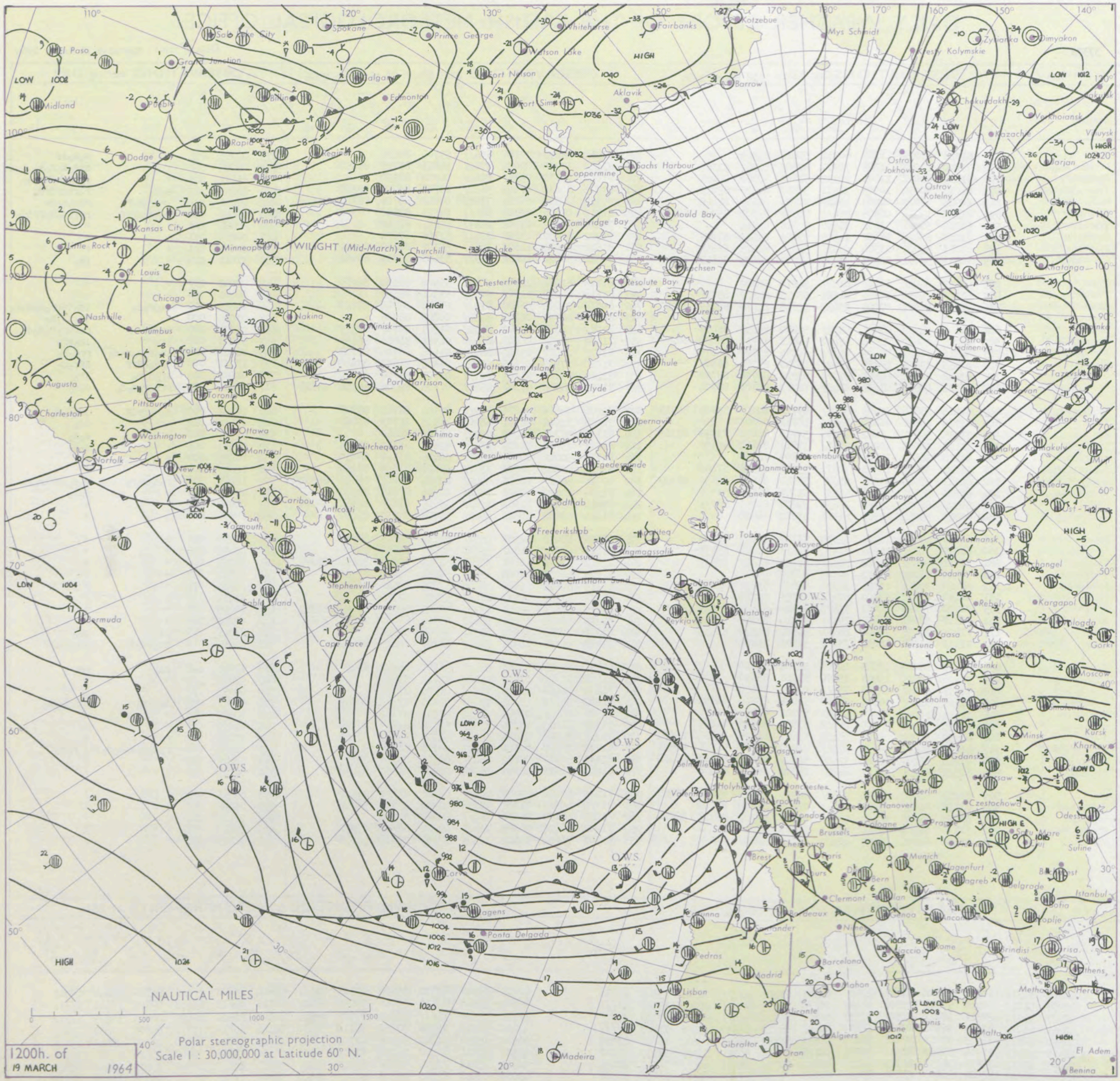
Code FM 21.A — OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	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	40613	30318	80530	95032	91108	863//	23604	88708	/////	00306	15644	10843
B	40565	51018	80428	97026	02904	6742/	00215	86815	88458	00100	15441	1////
C	40527	35518	/////	98022	73507	2552/	00400	82620	86458	00003	149/5	1////
D	40440	41018	62938	97158	88110	52430	00344	85815	/////	95705	17869	1////
I	40590	19318	81040	96608	82709	7742/	21725	87712	88550	05207	16043	15841
J	40528	19816	61510	99032	81011	38431	00400	81815	82640	00110	11633	12046
K	40449	15818	72031	96026	90513	5747/	00711	83713	83640	00212	16940	12664
M	43660	02018	62216	98808	21705	69400	00305	/////	/////	05301	12145	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

1800h. of 18 MARCH 1964

Mean Sea surface isotherms for MARCH 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 19 MARCH 1964

0600h. of 19 MARCH 1964

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 19 March 1964

Continuing fall of pressure in the Scandinavian anticyclone and further cyclonic development to southwest of the British Isles have resulted in a gradual encroachment of milder air into southern England. The complex frontal system which has moved into southwestern districts is expected to make only slow progress northwards, and by noon tomorrow the boundary of the milder south to southwest flow will be approximately from the Mersey to the wash. Further troughs are likely to develop in the southwesterlies to west of Britain in association with the complex low pressure system over the North Atlantic.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Widespread rain over Wales and the southern half of England will spread slowly northwards preceded by snow especially over high ground. Northern Scotland will stay mainly dry and cold. Milder weather with bright intervals but some further rain or showers will spread into southwest England and south Wales. Temperatures in these areas will be near normal.

OUTLOOK for following 24 hours. Uncertain. Remaining cold in northeast with further periods of snow on high ground. Near normal temperatures in the west and southwest with further rain at times but also bright intervals.

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

Code FM 11.A

OBSERVATIONS at 00h. 19 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775			02					
London Airport	772	80912	32217	06602	873//	01721	86707	88709	
Gatwick	776	81014	26517	06402	863//	02818	85706	88709	
Thorney Island	871	80916	17516	04504	872//	03821	86703	88706	
Hurn	862	80910	23516	03205	871//	04718	82702	86704	88705
Guernsey	894	81811	01586	02009	870//	09714	88700		
Wattisham	590	81115	56027	09502	8092/	54815	88459		
Gorleston	497	01126	62021	11803	00900	53717			
Mildenhall	578	81110	61032	09203	856//	54815	88646		
Cardington	559	81014	58607	08002	855//	50620	88621		
West Raynham	485	81018	58022	10001	857//	55817	88650		
Wittering	462	81012	56032	09102	855//	54719	84629	88656	
Boscombe Down	746	81017	20507	03902	872//	02723	85704	88707	
Ross-on-Wye									
Bristol	628	80915	56056	03502	863//	01818	88706		
Aberporth	502	81214	59032	00503	8097/	00703	84362	88465	
Rhoose (Cardiff)	715	80915	11536	02802	862//	02817	88704		
Plymouth	827	80808	32205	99207	852//	07821	87703	88632	
Chivenor	707	81015	56022	00505	863//	04717	88707		
St. Mawgan	817	91219	04475	98108	9/0//	08725	89/00		
Culdrose	809	91608	02605	97809	9////	09725	89/00		
Scilly	804	81916	48636	95910	861//	10728	88702		
Elmdon	534	81012	40687	06401	853//	51725	86709	88617	
Shawbury	414	81113	13767	05800	874//	51821	88713		
Manchester	334	81115	56047	07102	856//	55718	88631		
Squires Gate	318	81219	56222	06702	6567/	54816	86638	88459	
Valley	302	80913	50216	01304	855//	02817	88628		
Ronaldsway	204	81135	42707	04302	874//	50814	88713		
Carlisle	222	81015	59022	09401	858//	55816	88657		
Watnall	354	81118	48032	08301	6562/	53724	86640	88558	
Spurn Head	396	81224	58022	10103	4741/	51718	84715	88458	
Finningley	360	81015	59032	10002	6572/	53817	86650	88462	
Dishforth	261	81115	56041	10201	8097/	52815	88364		
Tynemouth	262	61525	66022	11303	686//	52712	83830	86640	
Eskdalemuir	162	81010	59052	10350	6567/	54813	86635	88357	
Mull of Galloway	131	81422	60026	04302	874//	01711	88710		
Prestwick	135	70917	64012	07101	755//	53713	82625	87656	
Renfrew	141	70814	58042	08500	757//	55814	87650		
Leuchars	171	81218	70032	11702	885//	54711	82825	88640	
Dyce	091	81521	56878	13702	884//	53709	84815	88627	
Wick	075	71423	74262	12703	784//	00710	82818	87635	
Cape Wrath	049	11426	82020	07801	15600	00707	81630		
Sule Skerry	010	61230	74032	10803	635//	53707	86920		
Lerwick	005	81522	59278	17802	885//	51809	86826		
Stornoway	026	11213	74021	07303	10940	55803	81360		
Benbecula	022	61426	66012	05103	4567/	53808	84647	86360	
Tiree	100	71131	62042	04602	755//	54812	82629	87656	
Aldergrove	917	81218	28687	03101	863//	00715	83707	88709	
Malin Head	980	81429	56107	01003	864//	51822	88716		
Belmullet	976	81123	56101	94005	863//	03720	85708	88712	
Birr	965	80910	62022	95805	863//	04824	88707		
Collinstown	969	81320	32515	99604	862//	02721	82704	84708	88712
Rineanna	962	80919	48102	92307	872//	06733	85704	88706	
Roches Point	952	81117	16586	92009	861//	09744	88702		
Valentia	953	81020	69636	87809	6647/	07748	86715	88458	

OBSERVATIONS at 06h. 19 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	81012	48606	02303	873//	02718	85708	88715	
London Airport	772	80910	20585	01603	872//	02622	85703	88704	
Gatwick	776	80910	32615	01603	862//	03624	87703	88705	
Thorney Island	871	80913	19615	99905	872//	04723	88703		
Hurn	862	80913	23595	98206	871//	05730	82702	86703	88704
Guernsey	894	81815	18596	97809	870//	09613	82700	86701	
Wattisham	590	81019	40022	04901	854//	51721	88612		
Gorleston	497	71223	46052	06903	755//	00724	87625		
Mildenhall	578	81014	48022	03902	855//	51725	88625		
Cardington	559	81016	32037	02503	862//	02727	83705	85706	88709
West Raynham	485	81019	48012	05001	857//	52729	88650		
Wittering	462	81014	40022	03902	854//	51625	88615		
Boscombe Down	746	80912	12516	98403	871//	03728	88702		
Ross-on-Wye	627	80911	17636	98202	8022/	02725	88504		
Bristol	628	80910	40636	97603	6722/	03730	86704	88512	
Aberporth	502	81415	40636	91604	6742/	02738	86710	88556	
Rhoose (Cardiff)	715	80919	11635	96203	861//	03733	88701		
Plymouth	827	81718	23656	92910	7722/	10731	87703	88508	
Chivenor	707	81215	40616	93107	873//	06734	88706		
St. Mawgan	817	81715	19216	91210	870//	10728	88701		
Culdrose	809	82117	14216	90811	862//	10831	88704		
Scilly	804	81924	58026	88811	853//	10733	84706	88615	
Elmdon	534	81014	23607	01101	863//	00629	88708		
Shawbury	414	81115	19587	99901	873//	00731	83708	88710	
Manchester	334	80922	48042	00901	855//	53735	86625	88640	
Squires Gate	318	81123	58227	00702	856//	52626	86630	88640	
Valley	302	80820	40642	94104	5552/	03738	85625	88540	
Ronaldsway	204	81143	56027	97503	7542/	50733	87617	88459	
Carlisle	222	70918	59022	04102	3573/	54629	83656	87360	
Watnall	354	81013	58027	03101	854//	52725	85712	88620	
Spurn Head	396	81420	48022	05602	5642/	00726	85715	88460	
Finningley	360	80918	58022	05002	856//	52724	88635		
Dishforth	261	81017	56042	05601	6547/	52726	84618	84650	88459
Tynemouth	262	81333	61022	06703	886//	51727	83830	88640	
Eskdalemuir	162	70710	59052	05450	754//	53622	81715	87650	
Mull of Galloway	131	81428	58022	99103	874//	52724	88710		
Prestwick	135	70708	64017	01601	45601	52532	81630	84656	87070
Renfrew	141	60818	61012	03101	658//	54732	86657		
Leuchars	171	81126	62028	06803	885//	53729	84825	88640	
Dyce	091	81323	58278	10002	884//	53717	85818	88630	
Wick	075	81419	62688	09601	854//	01718	81710	85618	88625
Cape Wrath	049	0925	82020	04201	28600	55721	82630		
Sule Skerry	010	81230	66028	07804	874//	52717	88715		
Lerwick	005	81424	66878	15602	885//	01612	83820	88634	
Stornoway	026	11215	74020	03202	15500	54722	81625		
Benbecula	022	11110	69031	00900	00901	54728	81075		
Tiree	100	51132	66041	99303	35631	54733	83635	83360	
Aldergrove	917	81127	40027	96503	853//	50730	82709	85711	88615
Malin Head	980	81532	56052	95203	864//	51727	88712		
Belmullet	976	81026	58606	85205	864//	03750	86711	88630	
Birr	965	80814	58606	87305	873//	03845	88710		
Collinstown	969	81123	32615	91304	863//	02743	84706	88708	
Rineanna	962	81028	50515	83407	873//	05738	83709	88714	
Roches Point	952	91512	03655	83109	9////	09737	89/00		
Valentia	953	81610	66026	80710	864//	09616	88714		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	04022	00	r_0s_0	r_0r_0rr
London Airport	772	05012	01	$r_0s_0r_0r_0d_0r_0$	id_0rr
Gatwick	776	03011	50	$r_0s_0r_0r_0d_0d_0$	$d_0d_0d_0r_0rr$
Thorney Island	871	07032	03	$d_0r_0d_0d_0$	r_0r_0dr
Hurn	862	19042	03	drd_0d_0	drDRRR
Guernsey	894	07081	07	d_0r_0rrff	$drFFd_0r_0$
Wattisham	590	97011	01	is_0	ir_0
Gorleston	497	00020	00	+	+
Mildenhall	578	97021	01	+	ir_0
Cardington	559	95001	50	$is_0s_0s_0r_0s_0$	$ir_0s_0r_0$
West Raynham	485	00011	50	+	+
Wittering	462	97011	50	+	ir_0
Boscombe Down	746	06012	01	$d_0r_0id_0d_0d_0$	$d_0d_0ffr_0r_0rr$
Ross-on-Wye	627	05001	00	is_0	rr
Bristol	628	09022	01	$d_0d_0id_0$	$ir_0r_0r_0RRrr$
Aberporth	502	03022	01	ir_0	$ir_0rrr_0r_0$
Rhoose (Cardiff)	715	07022	02	$d_0d_0ddr_0r_0$	rrr_0r_0dr
Plymouth	827	15071	06	d_0d_0rrRR	d_0r_0
Chivenor	707	03041	04	ir_0	$r_0r_0id_0$
St. Mawgan	817	05072	07	id_0ffrr	rrd_0r_0
Culdrose	809	06092	08	$d_0d_0ir_0r_0r_0if$	$ir_0id_0r_0r_0$
Scilly	804	04102	//	ifrrir	irrr
Elmdon	534	02511	51	$s_0s_0r_0s_0d_0d_0$	$d_0d_0r_0r_0$
Shawbury	414	01001	50	$s_0s_0h_0h_0$	d_0d_0dr
Manchester	334	97011	01	is_0	ir_0
Squires Gate	318	01015	00	is_0	$is_0r_0s_0rs$
Valley	302	10032	02	r_0r_0	iRrrRR
Ronaldsway	204	91021	01	$is_0r_0s_0$	r_0s_0
Carlisle	222	00010	51	+	+
Watnall	354	95516	51	+	$is_0r_0s_0$
Spurn Head	396	00010	//	+	+
Finningley	360	00011	51	+	+
Dishforth	261	00001	52	+	+
Tynemouth	262	00021	01	+	+
Eskdalemuir	162	00523	53	+	+
Mull of Galloway	131	97021	//	/	/
Prestwick	135	97000	50	sh	+
Renfrew	141	00000	52	+	+
Leuchars	171	97021	01	+	ps_0
Dyce	091	01006	51	ph_0	ph_0ph
Wick	075	92011	01	ps_0	r_0s_0
Cape Wrath	049	00010	01	+	+
Sule Skerry	010	97031	01	/	/
Lerwick	005	91001	51	ps_0ph_0	$ph_0s_0ps_0$
Stornoway	026	00010	51	+	+
Benbecula	022	00500	53	+	+
Tiree	100	00010	00	+	+
Aldergrove	917	02502	00	r_0s_0	r_0s_0
Malin Head	980	91021	02	/	/
Belmullet	976	01041	03	/	/
Birr	965	04051	04	/	/
Collinstown	969	02031	03	/	/
Rineanna	962	03071	06	/	/
Roches Point	952	03071	06	/	/
Valentia	952	16081	07	/	/
	953	11082	08	/	/

CONVERSION TABLE °C to °F: 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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HP_H$	$Id_wd_wP_HP_H$
A	50612	29400	80628	96616	89508	874//	72393	88710	/////	00006	10648	1////
B	50565	51000	81020	97026	05303	854//	00207	88615	/////	05100	10651	1////
C	50528	35500	82010	97618	76705	2742/	00214	82815	88457	05304	100/0	149/7
D	50440	41000	22940	97011	97310	22400	00246	82815	/////	05404	17967	1////
I	50591	19300	31323	98026	89710	35500	31139	83620	/////	00008	11336	149/9
J	50526	19900	81322	98022	79410	3563/	41809	83630	88360	05009	11422	12135
K	50458	15700	73232	97026	91913	785//	00205	83823	87633	00110	17240	12664
M	53660	02000	82014	97258	21705	895//	00400	/////	/////	05302	12034	1////

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HP_H$	$Id_wd_wP_HP_H$
A	50613	30306	80432	97216	86008	874//	71714	88712	/////	05107	10459	1////
B												
C	50527	35506	83216	97506	80506	674//	00220	86712	88730	00106	13222	149/6
D	50440	41006	63030	97808	01610	624//	00215	86815	/////	05407	18066	1////
I	50590	19006	81230	97022	91809	884//	31211	82818	84820	05106	11236	149/8
J	50524	20006	60110	98026	76508	45501	00717	84625	83275	05407	10122	10535
K	50447	15906	32226	97028	92812	38500	00002	82820	/////	00109	17242	12664
M	53660	02006	52014	98808	20705	59500	00703	/////	/////	05300	12134	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37374

Date of Issue Friday 20 March 1964

ERSION
BLE
° °F

Code FM 11.A — OBSERVATIONS at 12h. 19 March 1964

	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
104	Kew	775	80912	48616	97105	7732/	04722	87708	88520	
102	London Airport	772	80909	15616	97005	872//	04722	84703	88704	
100	Gatwick	776	80706	36636	97306	872//	05721	81703	83704	88706
99	Thorney Island	871	81910	26596	95808	851//	08720	83702	85709	88645
97	Hurn	862	81916	58586	94009	852//	09718	82703	85705	88615
95	Guernsey	894	71916	63606	94810	6517/	09718	82702	85620	86650
93	Wattisham	590	81016	23616	99901	862//	01728	83704	87705	88707
91	Gorleston	497	81124	56052	03103	855//	51721	88625		
90	Mildenhall	578	81016	32632	96803	872//	01732	84705	88708	
88	Cardington	559	81119	28636	97003	862//	03730	86704	88709	
86	West Raynham	485	81123	37612	99802	3732/	00830	83706	88545	
84	Wittering	462	81120	19657	98302	872//	01727	87703	88706	
82	Boscombe Down	746	81708	61615	93609	872//	08726	85704	88708	
81	Ross-on-Wye	627	81210	57506	91006	862//	05740	88605		
79	Bristol	628	81208	14636	91708	7702/	07730	86701	87702	88508
77	Aberporth	502	81612	58216	88807	752//	07607	85705	87620	
75	Rhoose (Cardiff)	715	91508	02596	91009	9////	09625	89/00		
73	Plymouth	827	62110	28026	91910	2637/	10301	82706	84358	86462
72	Chivenor	707	72416	80206	90512	4847/	09305	82812	83625	86360
70	St. Mawgan	817	52116	69016	90612	32332	09210	81708	83812	85070
68	Culdrose	809	52215	66016	90611	18401	10206	81711	84073	
66	Scilly	804	32222	63026	90012	12402	08312	81815		
64	Elmdon	534	81215	30612	94703	872//	02731	86703	88705	
63	Shawbury	414	81012	48616	93702	872//	02630	82704	86706	88710
61	Manchester	334	81029	30637	94102	3742/	51842	83715	88556	
59	Squires Gate	318	81134	26617	93402	853//	01842	82706	83625	88630
57	Valley	302	81018	61606	87407	855//	05723	82625	87630	88645
55	Ronaldsway	204	81146	28657	90403	853//	02738	86707	88710	
54	Carlisle	222	80926	56707	98003	7542/	54836	82718	86645	88458
52	Watnall	354	80918	17637	97101	7742/	00732	87705	88510	
50	Spurn Head	396	81036	32052	00703	5642/	00731	85715	88458	
48	Finningley	360	81022	40797	99802	855//	50728	88620		
46	Dishforth	261	81320	32772	00501	2742/	50725	82712	88535	
45	Tynemouth	262	81333	58022	02503	3562/	51727	82630	88460	
43	Eskdalemuir	162	81021	58702	99502	3742/	55729	83715	88457	
41	Mull of Galloway	131	81435	58636	91002	873//	01733	88708		
39	Prestwick	135	81027	58777	94604	5562/	54740	81630	84656	88459
37	Renfrew	141	81022	50042	97904	4557/	54735	83622	83650	86360
36	Leuchars	171	81133	64028	02803	884//	53729	81718	86820	88640
34	Dyce	091	81423	37878	05902	883//	52728	83709	87813	88630
32	Wick	075	61225	66268	06303	5243/	00722	85818		
30	Cape Wrath	049	60936	66028	99902	635//	00718	86925		
28	Sule Skerry	010	51230	66838	05203	535//	00722	85920		
27	Lerwick	005	51323	66262	13001	58500	50816	83820		
25	Stornoway	026	61126	80031	99205	15602	54824	81632	86075	
23	Benbecula	022	71017	66021	95206	25632	51735	82640	87075	
21	Tiree	100	80931	62052	93605	1577/	53737	81656	85360	88465
19	Aldergrove	917	91030	19687	89301	9/0//	01727	89/00		
18	Malin Head	980	81250	50687	88103	6642/	01528	86710	88540	
16	Belmullet	976	81116	62616	80906	5642/	05720	85711	88535	
14	Birr	965	71816	74806	82310	6857/	06501	85820	86636	87460
12	Collinstown	969	81420	32516	85306	871//	06623	85702	88703	
10	Rineanna	962	71608	80215	82009	7641/	08307	82715	84625	87640
9	Roches Point	952	71920	80026	83610	23578	08308	81922	87270	
7	Valentia	953	62016	74806	82111	62500	08312	86821		

OBSERVATIONS at 18h. 19 March 1964

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	52008	57016	93808	1153/	07500	81820	85360	
772	71909	48016	93409	757//	08500	87656		
776	72107	40216	94409	753//	09101	85707	87612	
871	72508	48106	95109	673/2	08210	86708	83615	86075
862	72011	58016	94610	7541/	08213	86710	87620	
894	62210	74031	96309	68400	08310	82815	85625	
590	81309	01636	94205	870//	05620	88701		
497	81421	12636	95004	6742/	03736	86710	88518	
578	81305	19212	94005	863//	05614	88708		
559	71906	13106	93107	7541/	07503	86614	87640	
485	81317	14616	94403	872//	03723	85703	88705	
462	81407	05466	94004	860//	03506	88701		
746	42018	61016	93309	38402	07306	81815	83620	
627	12409	66016	91810	11502	06206	81825		
628	22307	60028	92409	22400	08310	82818		
502	61916	66038	90309	6846/	06214	85815		
715	12611	74020	92409	12541	06307	81820		
827	12008	48011	93609	18430	08209	81812		
707	12313	74020	92711	12531	07212	81822		
817	52212	69021	92710	52430	07209	81711	84815	
809	22213	58051	92210	15420	08204	81710		
804	32116	58021	91910	00902	09205	84075		
534	70000	06466	92206	772//	05500	85703	87704	
414	81005	13106	91704	863//	04301	88706		
334	81003	40026	92104	854//	02506	84712	88622	
318	81119	26217	91303	855//	02503	88625		
302	71822	66036	88708	7541/	07310	83712	87630	
204	81328	40217	88305	853//	04504	85707	87712	88625
222	80915	58707	93601	854//	51613	81711	86625	88633
354	80607	03466	93002	862//	02502	88704		
396	81428	10637	93402	5642/	02718	85710	88558	
360	81207	18507	94002	872//	01616	86704	88709	
261	81410	23617	95200	872//	00710	88704		
262	81430	16737	9650:	5732/	01617	85706	88520	
162	90915	05757	95051	9////	51812	89/00		
131	81430	58217	88203	874//	02608	88710		
135	81027	56717	90401	6542/	00520	83715	86625	88556
141	80914	10737	93501	7722/	00612	81704	84707	87710
171	81130	22717	97801	6722/	00618	86705	88508	
091	81228	56058	01402	883//	53617	81708	85810	88625
075	81224	62268	02002	884//	51718	84818	88630	
049	70936	66028	93902	735//	51733	87920		
010	81137	66838	00404	874//	51719	88715		
005	61325	69268	09201	634//	52716	86915		
026	71125	80022	95204	15502	53714	81628	87072	
022	81123	62606	91004	45677	51512	82635	87359	88270
100	80934	40697	89002	5732/	01715	85708	88528	
917	81118	18217	86404	862//	03506	86704	88708	
980	81323	61507	85704	864//	02501	86712	88640	
976	71918	69806	80309	7347/	07308	85713	86920	87635
965	71608	80258	85009	735//	06214	85921	87636	
969	82113	56806	86207	885//	06315	85827	88645	
962	62012	80032	84411	48502	05218	82825	84640	86070
952	51817	66021	86509	58401	08213	82819	85635	
953	42017	74018	83911	32501	07213	83822	84070	

OBSERVATIONS during DAY

iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	09091	000	$rrRr_or_od_od_off$	r_or_of
772	09101	000	$rrRRr_or_ord$	$r_or_od_od_o$
776	13112	000	$id_orrRRrrdr$	rrr_or_o
871	13092	000	DRRR	rrdr
862	06111	///	$rrRRd_or_o$	+
894	95111	026	ir_o	+
590	06072	///	$ir_or_os_or_or_odr$	$rrffr_or_oFF$
497	08052	000	r_or_orr	rr
578	09081	000	r_or_orr	r_or_orr
559	08092	000	r_or_orr	$r_or_orrRRir$
485	08042	000	r_or_orr	rrRRffFF
462	12041	000	ir_orsRR	rrr_od_offFF
746	10111	010	rrr_or_o	$r_or_orrd_od_o$
627	04111	014	$rrid_or_or_o$	+
628	06121	000	$rrr_or_opr_o$	pr_opr
502	03111	014	$ir_od_or_oirir_o$	pr_o
715	04122	024	drRR	$idfdrifir_opr_o$
827	92121	048	d_od_orr	+
707	95141	043	id_opr_o	+
817	96131	060	$d_od_oir_o$	+
809	00121	062	+	+
804	00121	086	+	+
534	08061	000	$r_or_orrd_od_o$	$r_or_or_od_oFF$
414	06051	000	$drdrrrr_od_o$	$r_od_or_od_off$
334	04051	000	r_os_orr	$rrir_o$
318	08041	000	RSRR	r_or_oRR
302	03091	004	$r_or_oir_o$	+
204	11071	000	r_os_oRR	rrr_od_oRR
222	04035	000	$is_os_os_o$	$ssSSssshir_o$
354	12026	000	$rsrsishrrir_o$	$RRrrr_or_off$
396	06042	000	$ir_os_os_oh_or_os_ohr_os_orrir_o$	
360	07031	000	$s_os_or_os_or_or_rrr_or_orRRd_od_off$	
261	09037	000	$s_os_oshsrss_o$	$shssSSr_or_od_od_o$
262	08032	000	s_os_o	$s_os_ossrsrs$
162	16027	000	$is_os_os_oSSks$	$SSkss_os_o$
131	12041	///	/	/
135	03046	000	is_orsss	$ssrsir_o$
141	09057	000	s_os_oss	ss
171	05046	000	ps_o	is_oss
091	02037	001	ph_ops_o	$ps_os_os_o$
075	91041	015	ps_o	ps_o
049		///		
010	91041	///	/	/
005	02021	017	ps_ophs	ps_o
026	00070	057	+	+
022	01071	018	+	$ir_or_os_o$
100	04051	000	$r_os_or_os_o$	$rsRsr_os_or_os_o$
917	27062	000	$s_or_osssrs_or_o$	$s_or_orrr_or_o$
980	0705/	000	/	/
976	0709/	000	/	/
965	0911/	017	/	/
969	1510/	002	/	/
962	1012/	025	/	/
952	0811/	044	/	/
953	0512/	039	/	/

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	50620	31512	20718	98016	93608	25530	72137	82625	/////	00307	10744	10859
B	50565	51012	80328	97021	08102	854//	00212	88618	/////	05353	15151	1////
C	50527	35512	53215	95406	85407	555//	00225	85620	/////	00106	13134	1////
D	50440	41012	82918	97028	05410	855//	00110	88620	/////	05306	17850	1////
I	50589	18812	81132	96216	91708	7742/	00504	87710	88545	05405	11037	10748
J	50526	19912	73124	98028	75210	4257/	82603	84822	87362	05107	13235	14915
K	50449	15412	72233	97031	91113	48506	51720	84826	84073	00109	17243	12765
M	53660	02012	31710	98028	19905	32600	00804	/////	/////	05353	11723	1////

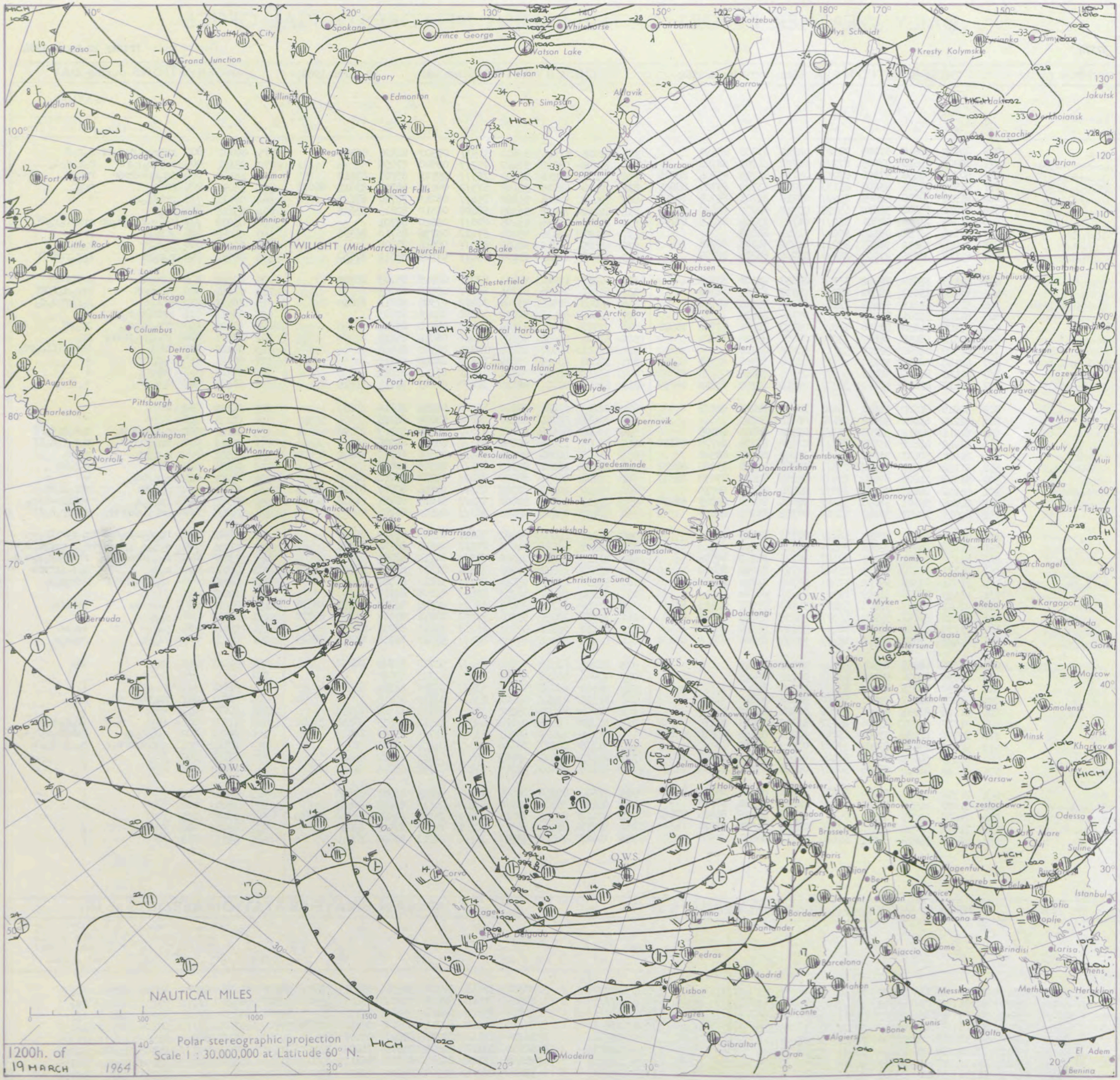
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	32018	50710	98031	95507	15604	00208	81630	84070	05006	107/1	10948
B	50565	51018	60128	97022	09601	65500	00307	86620	/////	05453	15151	1////
C	50527	35518	82818	97504	87407	855//	00208	88620	/////	00005	12823	1////
D	50440	41018	62011	98022	02412	40932	00725	84362	/////	05306	12122	13058
I	50590	19118	80727	97022	90108	6847/	00707	83815	86645	05302	10737	11248
J	50526	19918	72924	97616	74409	773//	71503	87708	/////	05308	12930	14916
K	50448	15718	62236	97818	86812	49502	51718	82826	83930	05108	1724/	12755
M	53660	02018	71308	98022	17805	75500	00706	/////	/////	05355	11923	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

1800h. of 19 MARCH 1964

0000h. of 20 MARCH 1964

Mean Sea surface isotherms for MARCH 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 20 MARCH 1964

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Friday 20 March** 1964

Pressure has continued to fall over and near the British Isles with the complex low west of Ireland drifting slowly northwards and the anticyclone over Scandinavia continuing to decline slowly. The mild south to southwest airstream has spread to all parts of the British Isles except northern Scotland and is expected to reach that area also later today. A trough of low pressure in the southwest approaches is expected to move steadily north eastwards during the next 24 hours reaching northern Scotland early tomorrow.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most districts will be cloudy with scattered showers. A belt of more general rain or heavy showers perhaps accompanied by thunder is expected to cross all districts durint the period. Clear periods are expected tonight with fog in many places. Temperatures are expected to be generally about, or a little above normal.

OUTLOOK for the following 24 hours.

Bright periods and showers or periods of rain in all areas. Temperatures about normal except in the northern Isles where it will be rather cold.

Code FM 11.A

OBSERVATIONS at 00h. 20 March 1964

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			07					
London Airport	772	51805	48012	96707	564//	06010	85712		
Gatwick	776	72306	58021	97307	763//	07211	83707	87709	
Thorney Island	871	82102	32101	97507	862//	07210	88704		
Hurn	862	82105	58032	96609	862//	08207	88705		
Guernsey	894	02012	70011	97608	00900	06101			
Wattisham	590	82311	11106	96006	860//	06212	88701		
Gorleston	497	02405	20106	95407	00900	07305			
Mildenhall	578	02107	15101	95507	00900	06208			
Cardington	559	22108	56030	95805	25600	04210	82630		
West Raynham	485	92409	01456	95305	9////	05205	89/01		
Wittering	462	12407	19284	95002	00901	01202	81075		
Boscombe Down	746	01905	32110	96505	00900	05205			
Ross-on-Wye									
Bristol	628	21606	56101	90907	00901	06102	82075		
Aberporth	502	71917	62035	91808	763//	07000	87708		
Rhoose (Cardiff)	715	12106	69020	94407	15600	05203	81630		
Plymouth	827	21811	40020	94609	26300	08101	82706		
Chivenor	707	21105	69021	94208	25500	06204	82625		
St. Mawgan	817	71710	48031	93809	763//	08701	87708		
Culdrose	809	62113	56101	93309	662//	09804	83705	86710	
Scilly	804	52116	66031	91810	12432	10808	81815	84075	
Elmdon	534	01706	28024	94504	00900	04104			
Shawbury	414	41503	40284	93903	4563/	03105	84641		
Manchester	334	01708	40046	93405	00900	03101			
Squires Gate	318	91414	04456	92404	9////	04202	89/01		
Valley	302	61719	62031	90608	654//	07207	83616	85650	
Ronaldsway	204	31914	60211	89907	36400	06106	83710		
Carlisle	222	80707	56607	93102	854//	01703	82717	88629	
Watnall	354	92403	F7474	94603	9////	03202	89/00		
Spurn Head	396	91908	F1456	94203	9////	03400			
Finningley	360	90000	01435	94403	9////	02202	89/00		
Dishforth	261	90000	01437	94501	9////	01702	89///		
Tynemouth	262	81614	48027	94604	874//	03710	88715		
Eskdalemuir	162	80402	28687	93301	873//	51806	88709		
Mull of Galloway	131	80918	58606	89805	873//	05216	88708		
Prestwick	135	81111	62687	90103	854//	01001	82718	88623	
Renfrew	141	80707	37717	92001	872//	01708	85705	86707	88710
Leuchars	171	81125	32697	94902	7732/	01718	87708	88510	
Dyce	091	81224	17737	98500	7732/	00717	87706	88509	
Wick	075	81323	58687	99802	874//	01723	88712		
Cape Wrath									
Sule Skerry	010	81137	48636	99703	874//	00719	88710		
Lerwick	005	61230	66268	07001	634//	53714	83915	84629	
Stornoway	026	81222	69022	93203	6552/	52616	86621	88460	
Benbecula	022	80917	56687	90002	6532/	01709	83708	86618	88550
Tiree	100	71233	61047	88103	755//	01806	87626		
Aldergrove	917	71710	74216	88107	755//	05207	82623	87628	
Malin Head	980	71212	59606	86506	756//	05104	87640		
Belmullet	976	81910	66218	83408	7642/	07108	87710	88458	
Birr	965	51508	74038	87006	535//	05001	81920	85633	
Collinstown	969	31508	66028	88307	15706	05202	81650	83270	
Rineanna	962	51309	74038	85708	55600	07802	85640		
Roches Point	952	81811	56605	87209	864//	08803	88712		
Valentia	953	61713	74258	84310	62500	08704	86821		

OBSERVATIONS at 06h. 20 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
	775	81808	50022	96606	863//	06000	85708	88712	
	772	71707	50024	96505	763//	05702	87707		
	776	71806	36105	97007	772//	07802	82703	85704	87705
	871	41703	48101	96805	21501	05506	82820	84075	
	862	61807	48106	95507	58320	07707	81706	83708	85812
	894	61514	66030	95607	650//	07713	83701	86620	
	590	41905	08464	97104	46200	04305	84703		
	497	92308	03474	96805	9////	05209	89/03		
	578	62004	19104	96605	66300	05105	86708		
	559	71906	48031	96206	763//	05000	82706	87708	
	485	82009	17284	96605	861//	05208	86702	88705	
	462	82008	37014	95805	861//	05203	83702	88703	
	746	81807	02465	95307	860//	07705	87700		
	627	62005	57028	93807	66401	06605	86715		
	628	41511	56051	93807	36401	07808	83710	84075	
	502	61515	59031	90907	563/0	06806	84707	83075	
	715	61308	61031	93906	55302	05705	83709	83625	
	827	71415	40201	91909	753//	08716	83707	87617	
	707	61312	66031	91908	65400	07715	86615		
	817	81518	32205	90409	871//	09716	83702	88705	
	809	71713	56102	89609	762//	09721	85703	87707	
	804	81723	56105	87210	863//	10727	88706		
	534	81706	09420	94505	862//	05302	88705		
	414	81706	32101	93706	862//	05301	88705		
	334	41405	23041	93505	36401	03400	82710	83075	
	318	71513	19106	92505	15678	04202	81635	87358	
	302	71618	59028	90208	754//	07705	85618	87635	
	204	81713	56211	90207	862//	07302	84705	88707	
	222	80906	37216	93304	855//	03305	86626	88645	
	354	90000	01474	94903	9/0//	03301	89/01		
	396	91805	F9454	95203	9////	03107			
	360	91407	01454	94804	9////	04204	89/00		
	261	91604	F9504	94701	9////	01000	89/01		
	262	81805	08444	94503	862//	03400	88704		
	162	80000	32517	93301	872//	01305	88705		
	131	81815	48026	90206	872//	06401	88705		
	135	60405	56017	90705	66431	03208	86711		
	141	80808	48207	91702	873//	01101	84706	88713	
	171	81112	28617	93304	873//	03603	86706	88708	
	091	81321	37687	96402	873//	00605	85709	88713	
	075	81322	56607	96403	874//	01718	88710		
	010	81137	61616	95303	874//	01713	88710		
	005	81428	59707	03502	853//	53617	83709	88630	
	026	81213	61607	91104	4542/	01607	81712	84626	88459
	022	81319	66027	88405	854//	02504	81716	85625	88640
	100	81224	62016	88105	854//	03201	84710	86618	88640
	917	71408	66031	88206	756//	04601	87640		
	980	31314	59011	87306	35600	04006	83640		
	976	71309	66036	83508	754//	07501	83717	87640	
	965	61307	74028	86308	685//	07601	84820	86633	
	969	71510	66216	87907	756//	07501	87640		
	962	61209	66215	84308	855//	08507	83620	86630	
	952	71712	62016	84909	764//	08508	84710	87632	
	953	61611	74028	82809	625//	08704	86821		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONV TA °C
	775	97051	51	+	+	40
	772	00031	51	+	if	39
	776	97061	03	+	$id_od_od_o$	38
	871	00051	51	+	if	37
	862	93071	06	ird_or_o	d_or_o	36
	894	97071	05	+	pr_o	35
	590	00032	01	ifff	ifff	34
	497	01032	03	f	f	33
	578	00051	01	ff	+	32
	559	97042	51	+	+	31
	485	00041	04	FFff	ff	30
	462	91011	53	FFff	ff	29
	746	97041	51	id_oif	id_oifff	28
	627	91061	01	+	pr_o	27
	628	00061	01	+	+	26
	502	97071	05	id_o	+	25
	715	92051	03	+	ir	24
	827	97081	05	+	id_oir_o	23
	707	97061	03	+	pr_o	22
	817	91081	07	+	d_oir_o	21
	809	93081	01	+	$ir_or_or_o$	20
	804	02081	//	id_o	ir_o	19
	534	91011	51	FFf	ff	18
	414	00021	51	FF	+	17
	334	00031	01	+	+	16
	318	01031	03	r_or_oFF	r_or_orrRR	15
	302	07071	05	pr	pr	14
	204	03061	01	RR	$id_oiRr_or_o$	13
	222	08011	01	ir_oRRrr	$ir_oiRr_or_o$	12
	354	91025	00	ffFF	FFff	11
	396	94011	//	FF	FF	10
	360	91021	02	ffFF	FFff	9
	261	94006	00	$d_od_or_or_offFF$	d_od_oFF	8
	262	01022	01	rs	ffr_or_o	7
	162	09507	51	$is_os_os_or_os_orr$	rrd_od_o	6
	131	04042	//	/	/	5
	135	05021	01	r_os_orr	+	4
	141	07006	50	$s_os_or_os_o$	$r_or_oid_oir_o$	3
	171	07012	50	$ssr_os_or_os_o$	$r_os_or_os_or_or_o$	2
	091	05505	50	ssr_os_o	$r_os_or_or_o$	1
	075	01011	00	$ps_os_os_or_os_or_orr_os_or_or_o$		0
						— 1
	005	96005	51	ps_ois_o	$is_os_os_oir_os_o$	— 2
	026	01021	54	$ir_os_or_or_o$	$r_or_oir_o$	— 3
	022	03011	01	$r_os_or_os_oid_o$	ir_o	— 4
	100	97021	01	ir_o	ir_o	— 5
	917	03042	03	$ir_orrr_or_o$	$ir_or_or_o$	— 6
	980	97041	03	/	/	— 7
	976	92061	05	/	/	— 8
	965	91061	03	/	/	— 9
	969	02061	01	/	/	—10
	962	01071	06	/	/	—11
	952	04081	07	/	/	—12
	953	01091	06	/	/	—13
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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	$N_hC_hC_MC_H$	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	60621	32100	81107	96636	96607	874//	00501	88710	/////	00106	111/1	10948
B	60565	51000	60136	97022	12451	65500	00310	86620	/////	05957	15151	1////
C	60527	35500	83024	97025	90907	855//	00112	88620	/////	00105	13035	149/6
D	60440	41000	81421	97022	98113	3557/	00624	83625	88357	00010	11423	13045
I	60589	19400	80827	97258	89707	884//	00505	85818	88645	05403	10836	11248
J	60525	19900	83515	97616	76210	854//	00113	86710	88625	05109	23422	13445
K	60448	16000	72533	97258	86211	73500	00107	87830	83930	05208	17346	12756
M	63660	02000	71014	98022	15805	75600	00715	/////	/////	05352	11023	1////

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	60621	32206	81610	97026	95707	874//	00803	88712	/////	00106	11622	10945
B	60565	51006	30135	97021	11752	32500	00307	83820	/////	06156	15151	1////
C	60527	35506	83226	97515	92906	863//	00307	88708	/////	00006	13134	149/7
D	60440	41006	82514	97216	96614	50830	00303	85357	/////	00110	12023	13045
I	60590	19106	80730	97018	87608	884//	21707	81818	88640	05402	10737	11348
J	60525	19706	83026	98036	78009	885//	00205	82820	88625	05207	13034	13445
K	60447	16206	72736	96258	91412	785//	51125	83830	85640	00009	17749	1////
M	63660	02006	61114	98022	12403	65500	00712	/////	/////	05600	11233	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37375 — Date of Issue Saturday 21 March 1964

Code FM 11.A — OBSERVATIONS at 12h. 20 March 1964

ERSION BLE to °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Sh_Sh_S$	$8N_Ch_Sh_Sh_S$	$8N_Ch_Sh_Sh_S$
104	Kew	775	61812	63022	95711	62506	07810	85820	83270	85075
102	London Airport	772	61614	75012	95512	62504	07710	85823	84075	
100	Gatwick	776	71911	61022	96111	62404	08710	86818	86075	
99	Thorney Island	871	71511	66034	95309	55336	08712	81708	85640	87275
97	Hurn	862	71613	62032	94210	45431	07709	81710	84640	86362
95	Guernsey	894	71817	70606	93308	65271	08709	81703	86650	87460
93	Wattisham	590	81806	63014	97209	8531/	07604	81706	88612	
91	Gorleston	497	81404	40052	98207	8551/	05103	88625		
90	Mildenhall	578	71806	61022	96611	52401	07706	85818	83075	
88	Cardington	559	71909	62021	95810	7841/	07608	85818	84635	
86	West Raynham	485	81709	44012	97008	8621/	07802	83705	85707	88710
84	Wittering	462	71613	69022	95911	7841/	07708	81815	85820	86630
82	Boscombe Down	746	81509	70028	94110	8831/	08715	82708	88811	
81	Ross-on-Wye	627	71506	63022	92511	7551/	07711	87625		
79	Bristol	628	71409	61801	92611	7841/	08712	83815	87619	
77	Aberporth	502	71416	62022	89312	38472	07713	83818	85365	86270
75	Rhoose (Cardiff)	715	81412	62602	92409	8531/	07709	83709	86712	88630
73	Plymouth	827	81516	58212	90409	57321	09607	85708	88458	
72	Chivenor	707	71622	66808	90311	7841/	09710	85811	86618	87635
70	St. Mawgan	817	71714	59016	89010	62312	08001	83706	85812	85070
68	Culdrose	809	62015	57056	88311	58331	09801	81707	84818	
66	Scilly	804	31814	64026	87510	28402	10104	81816		
64	Elmdon	534	71614	66034	94011	7241/	06708	87818		
63	Shawbury	414	71411	66032	93310	68431	07805	82712	85816	85650
61	Manchester	334	61610	56041	93811	62501	05705	86822		
59	Squires Gate	318	51719	56041	92613	21401	08809	82814	84080	
57	Valley	302	71517	66022	96012	38432	08000	82818	83365	87070
55	Ronaldsway	204	71414	62026	90908	7541/	06803	81713	86625	87367
54	Carlisle	222	71107	59216	94210	58471	05305	81718	85640	85360
52	Watnall	354	71711	58034	94909	7841/	07706	81710	86815	87630
50	Spurn Head	396	81804	20284	96305	8631/	05601	88708		
48	Finningley	360	81208	59015	94509	8521/	07806	82705	84710	88625
46	Dishforth	261	90000	01435	95703	9////	03000	89/02		
45	Tynemouth	262	71408	12106	95705	7641/	05102	87714		
43	Eskdalemuir	162	83603	20516	94502	8731/	02205	88708		
41	Mull of Galloway	131	82012	70026	91206	8741/	05208	88716		
39	Prestwick	135	71109	61216	91807	7541/	05203	81715	83623	87635
37	Renfrew	141	80704	10586	93003	8721/	03104	84705	88707	
36	Leuchars	171	81212	18606	94305	8621/	04303	85703	87704	88706
34	Dyce	091	81316	35587	96803	8621/	02204	82703	86705	88710
32	Wick	075	81220	48616	96403	8531/	03000	83708	86710	88618
30	Cape Wrath	049	80915	66687	92304	8551/	02603	88625		
28	Sule Skerry									
27	Lerwick	005	81429	59687	02903	8541/	51703	84712	88630	
25	Stornoway	026	81305	74216	92406	25521	03208	82625	88460	
23	Benbecula	022	61620	80016	90107	55632	04108	83630	85645	
21	Tiree	100	81123	66016	89607	7541/	05302	84710	87622	88460
19	Aldergrove	917	71519	62026	88910	7541/	08300	87614		
18	Malin Head	980	71413	74215	88209	7641/	08400	85714	87650	
16	Belmullet	976	71508	78031	84110	78431	08103	84819	87635	
14	Birr	965	81305	66608	86209	77421	07400	86713	87633	88458
12	Collinstown	969	81614	61106	88408	8621/	07604	82705	86707	88708
10	Rineanna	962	71208	74022	85012	58412	08001	81713	83822	85640
9	Roches Point	952	81208	59616	85608	8731/	07203	88708		
7	Valentia	953	71711	74038	83912	7251/	08103	87820		

OBSERVATIONS at 18h. 20 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Sh_Sh_S$	$8N_Ch_Sh_Sh_S$	$8N_Ch_Sh_Sh_S$
Kew	775	81606	48608	94111	3567/	08507	83645	83359	88460
London Airport	772	81409	40626	93410	856//	08507	83630	88656	
Gatwick	776	81413	40638	94110	863//	08509	82708	85712	88618
Thorney Island	871	71301	56602	93807	7541/	07503	82712	83630	87650
Hurn	862	61606	56212	92808	4547/	07603	81710	83656	85360
Guernsey	894	51512	70258	90808	43533	07710	82925	83640	
Wattisham	590	61210	34032	95608	20932	07506	82360	86070	
Gorleston	497	91408	01474	97404	9////	04706	89/01		
Mildenhall	578	61107	61022	95509	35642	07605	83635	85070	
Cardington	559	81308	59018	93710	58537	08606	82825	84650	88270
West Raynham	485	71312	58032	95708	7631/	07604	87707		
Wittering	462	81113	62032	94310	6563/	08606	86640	88359	
Boscombe Down	746	71709	66518	93408	7521/	07301	85704	87620	
Ross-on-Wye	627	81706	57636	91709	6732/	00736	86708	88458	
Bristol	628	71407	56618	91609	48421	07303	83810	84625	86559
Aberporth	502	71410	62806	89809	58472	08206	83822	84645	86075
Rhoose (Cardiff)	715	71410	62026	91408	65342	07501	81706	86620	
Plymouth	827	71211	48642	89709	6537/	08500	82707	86620	87360
Chivenor	707	71416	56818	90110	78432	09304	86816	86630	87075
St. Mawgan	817	81411	62808	89109	68378	07306	83709	84615	86459
Culdrose	809	81807	58258	88109	882//	09102	85705	86618	88630
Scilly	804	52107	66018	88210	21472	09207	82815	85075	
Elmdon	534	81310	56608	92709	8541/	07603	83715	84625	88650
Shawbury	414	71210	37808	91409	7841/	08502	84715	84818	87635
Manchester	334	71112	56602	92910	4567/	06604	84635	86460	
Squires Gate	318	81214	32042	91810	7552/	07504	83628	87632	
Valley	302	81512	61616	90009	5547/	08305	82618	84630	88462
Ronaldsway	204	81320	48602	90308	8541/	07502	81713	88635	
Carlisle	222	70907	19042	93807	25738	04301	82656	87273	
Watnall	354	81211	23602	93609	8541/	07603	84715	88635	
Spurn Head	396	61809	23104	95104	6641/	04001	86718	84070	
Finningley	360	71110	58022	94510	7561/	07501	87640		
Dishforth	261	71110	32104	95106	7532/	06501	81707	83640	86657
Tynemouth	262	71410	16102	95705	7641/	05103	87714		
Eskdalemuir	162	73301	35056	94503	41402	03303	84818	87072	
Mull of Galloway	131	71718	66022	90606	35604	04704	83630	85070	
Prestwick	135	71211	56052	91508	25742	06400	82650	83362	87075
Renfrew	141	80806	13046	92906	8531/	05101	82708	85716	87630
Leuchars	171	81214	14206	94705	8611/	04204	86702	88703	
Dyce	091	81213	14586	97304	8721/	03304	85703	88704	
Wick	075	81415	40106	97004	8531/	03302	84708	88612	
Cape Wrath	049	60910	66028	92806	6561/	03205	86630		
Sule Skerry	010	91137	48022	95305	8741/	03203	88710		
Lerwick	005	71528	66237	02302	62472	51602	82812	85816	
Stornoway	026	71410	66042	92508	25672	05303	82640	83359	85362
Benbecula	022	81315	66216	90707	8541/	06305	82710	87615	88626
Tiree	100	81121	59606	90107	8531/	06304	86707	88618	
Aldergrove	917	81212	58808	88908	8841/	06500	82710	83820	87630
Malin Head	980	71413	66026	88410	28578	07303	82820	85359	87270
Belmullet	976	71604	80038	84710	7353/	08305	83920	87645	
Birr	965	71602	80026	86609	5857/	06312	82821	85636	87459
Collinstown	969	71517	56216	87508	6614/	06301	83702	86704	87359
Rineanna	962	71510	74258	86210	5847/	08213	81712	83822	85640
Roches Point	952	71307	74016	87208	5542/	07313	81710	85635	87068
Valentia	953	77109	80032	86310	7241/	08311	81716	87820	

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	02141	030	pr_o	$pr_oir_or_or_orr$
London Airport	772	04142	020	ir_o	rr
Gatwick	776	03131	018	pr_o	$ir_oirrrr_or_o$
Thorney Island	871	02121	027	$idid_or_opr_o$	pr_o
Hurn	862	01101	///	$ir_or_or_o$	$rrr_or_opr_opr$
Guernsey	894	02101	013	$pr_oir_or_or_o$	pr_opr
Wattisham	590	00111	///	+	+
Gorleston	497	00082	003	if	ff
Mildenhall	578	00131	021	+	+
Cardington	559	97141	022	+	pr_o
West Raynham	485	00121	020	+	ff
Wittering	462	00121	022	+	+
Boscombe Down	746	96101	000	pr_o	$ir_or_or_od_od_oid_o$
Ross-on-Wye	627	03121	004	pr	$irir_o$
Bristol	628	01121	000	pr_o	$pr_or_or_o$
Aberporth	502	01121	013	ir_o	$r_or_opr_o$
Rhoose (Cardiff)	715	97091	000	ir_o	ir_o
Plymouth	827	03121	011	rr	$irir_or_or_o$
Chivenor	707	01131	005	pr_o	pr
St. Mawgan	817	97111	015	ir_o	pr_o
Culdrose	809	04111	019	pr_o	pr_oir_o
Scilly	804	96131	080	+	pr
Elmdon	534	03112	034	+	$pr_oir_or_or_orr$
Shawbury	414	03121	007	pr_o	$pr_oprr_or_o$
Manchester	334	97121	041	+	ir_o
Squires Gate	318	97141	041	+	ir_o
Valley	302	02141	054	ir_o	r_or_o
Ronaldsway	204	01101	024	+	r_or_orr
Carlisle	222	95121	031	$r_or_oir_o$	+
Watnall	354	01125	011	ff	r_or_orr
Spurn Head	396	97061	017	FF	ff
Finningley	360	97121	015	d_od_o	+
Dishforth	261	97071	000	d_od_oFFff	+
Tynemouth	262	91061	000	r_or_o	FF
Eskdalemuir	162	02045	000	$d_or_od_od_o$	+
Mull of Galloway	131	02071	///	/	/
Prestwick	135	01091	001	ir_orr	+
Renfrew	141	03062	000	$ir_or_or_oiR$	+
Leuchars	171	93062	000	$ir_or_or_o$	$r_or_oid_o$
Dyce	091	02041	000	$d_or_od_od_o$	d_or_odr
Wick	075	97041	000	$r_or_oir_o$	+
Cape Wrath	049	91071	///	$ir_os_oir_odpr_o$	+
Sule Skerry	010	91050	///	/	/
Lerwick	005	03041	000	ir_os_o	$r_os_oph_o$
Stornoway	026	01091	022	ir_o	ir_o
Benbecula	022	91101	010	ir_o	id_oir_o
Tiree	100	97081	001	ir_o	ir_o
Aldergrove	917	03102	000	jp	$pr_or_or_orr$
Malin Head	980	9410/	002	/	/
Belmullet	976	9112/	031	/	/
Birr	965	0309/	000	/	/
Collinstown	969	0109/	000	/	/
Rineanna	962	9312/	007	/	/
Roches Point	952	0609/	002	/	/
Valentia	953	9713/	054	/	/

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	60622	32312	81512	97022	95407	8551/	00801	88625	/////	00005	115/2	10946
B	60565	51012	60139	97851	12253	62500	00103	86820	/////	06258	15151	1////
C	60527	35512	83314	98025	97408	6567/	00220	86635	/////	05205	13235	1////
D	60440	41012	73106	98031	97313	25750	00503	82650	87359	05106	12245	1////
I	60590	18912	80620	97608	87207	5842/	00002	83818	83630	05504	10644	11058
J	60524	19512	82927	98258	80209	5252/	00011	85822	88465	05207	13034	11345
K	60446	16312	42830	97018	00212	49600	61240	83930	/////	05110	17757	12458
M	63660	02012	61312	98022	11505	65600	00709	/////	/////	05351	11323	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	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60623	32318	81815	97616	93706	4547/	00707	81712	84620	05204	118/2	11547
B	60565	51018	80134	96858	12353	8251/	00502	88820	/////	06257	15152	1////
C	60527	35518	70305	98031	97708	65500	00203	86625	/////	05304	13334	1////
D	60440	41018	82611	96808	92912	6747/	00522	86815	88359	05310	12522	11834
I	60589	19118	80622	97026	88008	7847/	00205	82815	87365	05404	10634	11058
J	60526	19318	83128	97806	85109	5841/	00329	84818	88463	05208	13135	13246
K	60445	16018	42831	98011	04212	42400	61113	84816	/////	00109	17757	17451
M	63660	02018	61310	98022	00805	25500	00706	/////	/////	05452	11233	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

CIVIL TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
20 MARCH 1964

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Symbol

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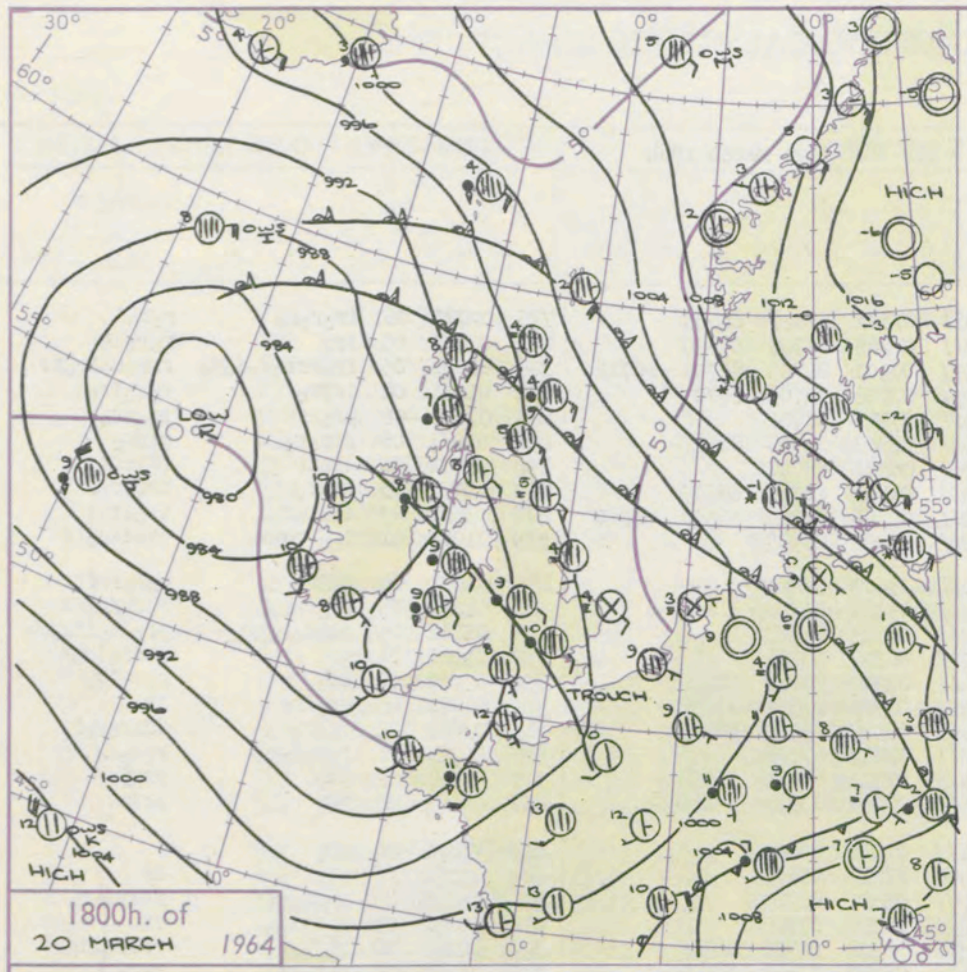
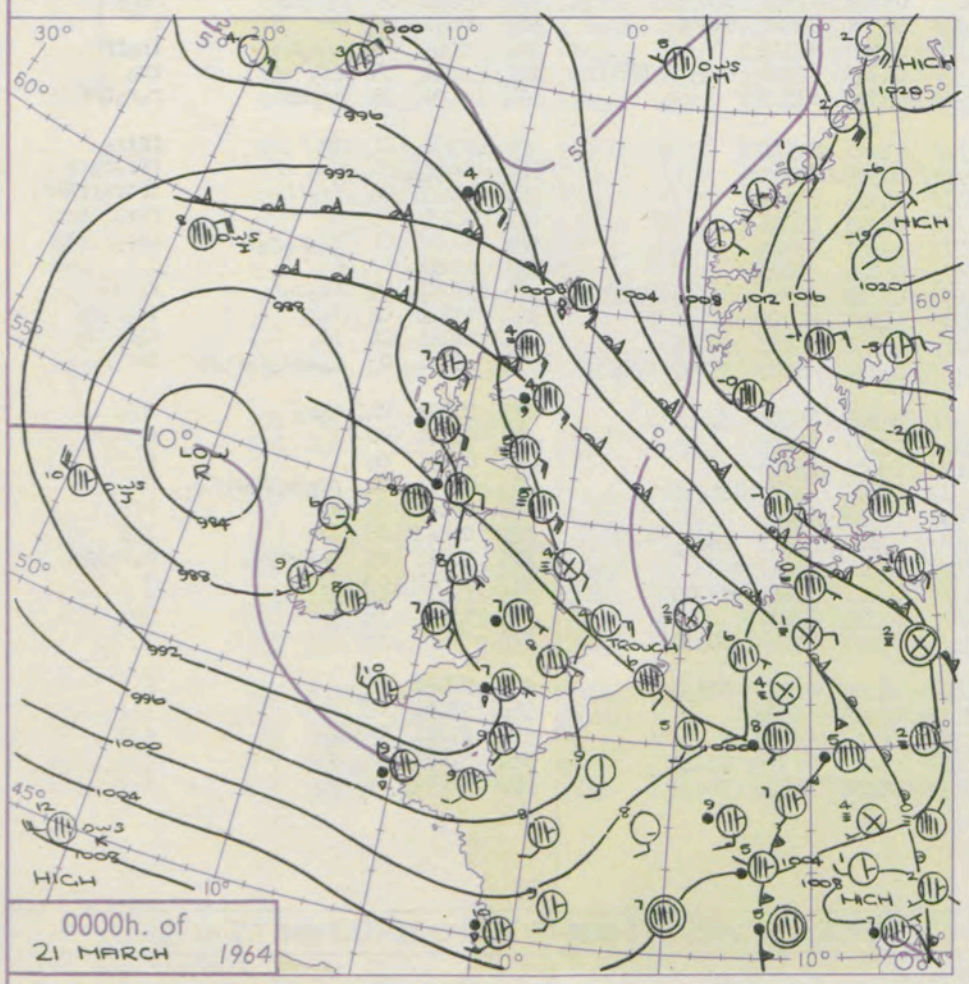
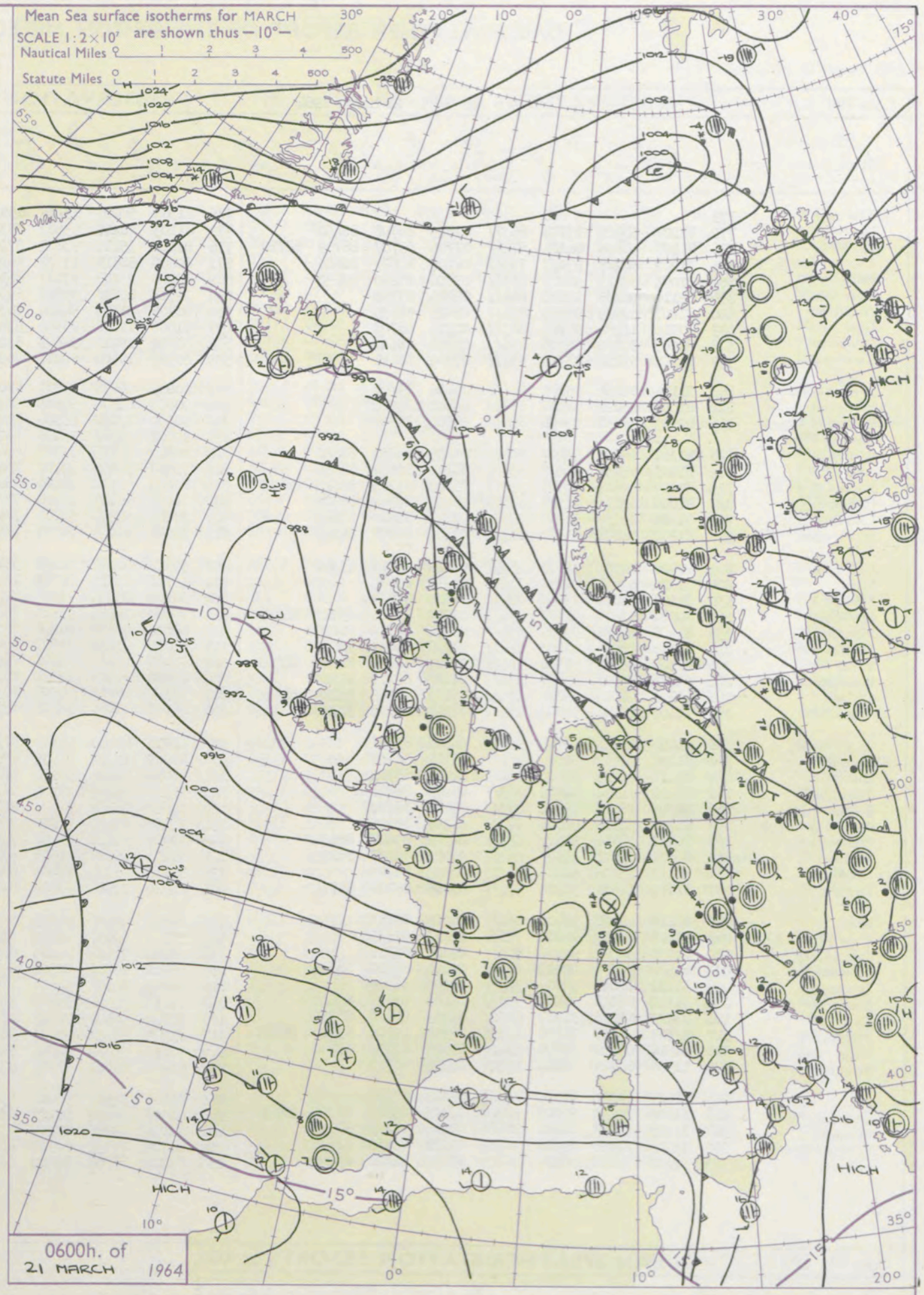
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Saturday 21 March** 1964

The depression to west of Ireland has remained almost stationary but has filled slowly. Troughs of low pressure have moved rather slowly northeast and north over the British Isles. The low will continue to fill without much movement, and the main trough now across southern Ireland and central England will continue to drift slowly north and weaken. A ridge of high pressure will move into southwestern districts of Britain.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Cloudy in most districts with occasional rain, but drier brighter weather will spread slowly to Wales and the southern half of England. Coastal districts of east Scotland and north-east England will remain dull with mist or fog and some drizzle. Fog will also develop tonight over central and southern England. Temperatures will be mostly near or above normal.

OUTLOOK for following 24 hours

Temperatures remaining normal or above except in the extreme north. Sunny intervals but also some outbreaks of rain especially in the west and southwest.

Code FM 11.A

OBSERVATIONS at 00h. 21 March 1964

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			08					
London Airport	772	81207	58026	93708	6637/	07803	86708	88462	
Gatwick	776	81408	48606	94108	873//	07705	83707	86709	88712
Thorney Island	871	71202	80218	93107	755//	06706	84627	86646	
Hurn	862	81004	58818	92007	885//	07806	85820	88650	
Guernsey	894	62110	50256	91808	861//	08205	87702		
Wattisham	590	81207	32602	94805	856//	05805	88635		
Gorleston	497	80915	12284	96104	863//	04714	88708		
Mildenhall	578	80905	37032	94806	856//	05804	88640		
Cardington	559	81305	37216	93708	857//	07704	88656		
West Raynham	485	91114	01454	95705	9////	05604	89/01		
Wittering	462	81008	23022	94206	861//	06802	88702		
Boscombe Down	746	80905	56256	93006	862//	06804	88705		
Ross-on-Wye									
Bristol	628	81107	48808	92407	885//	06105	84820	88630	
Aberporth	502	81409	66038	91407	6567/	06206	86647	88360	
Rhoose (Cardiff)	715	81005	56601	92307	853//	06203	83709	86614	88625
Plymouth	827	80000	48616	91108	872//	08209	85704	88706	
Chivenor	707	71005	69258	91708	785//	07207	84820	87640	
St. Mawgan	817	81904	58038	91807	6633/	07214	86706	84359	
Culdrose	809	60000	28102	91407	4543/	07215	84615	85360	
Scilly	804	72814	63031	91710	756//	09219	87630		
Elmdon	534	81103	28616	93107	855//	07804	88627		
Shawbury	414	80000	57618	92907	854//	07202	81710	85623	88636
Manchester	334	81406	37632	93408	854//	06201	84715	88630	
Squires Gate	318	81313	28626	92608	854//	08204	84617	88641	
Valley	302	61307	66016	91308	4857/	07105	82822	84640	86460
Ronaldsway	204	81311	23506	91607	854//	07103	82715	88619	
Carlisle	222	80803	48022	95007	854//	05103	85715	84625	88635
Watnall	354	71108	28036	94007	772//	07801	85703	87704	
Spurn Head	396	91410	02454	95904	9////	04703	89///		
Finningley	360	81208	37102	95007	861//	06102	88702		
Dishforth	261	81210	23212	95605	862//	04001	88703		
Tynemouth	262	81420	11104	96805	863//	05205	88708		
Eskdalemuir	162	80703	28616	95304	873//	03400	88707		
Mull of Galloway	141	81722	32606	92006	873//	06207	88708		
Prestwick	135	90912	58616	92507	855//	04302	83627	88634	
Renfrew	141	80807	14621	94205	853//	04203	82707	88625	
Leuchars	171	81113	13105	96205	862//	04103	88703		
Dyce	091	81414	17586	98304	872//	03105	86703	88704	
Wick	075	81416	48106	98004	864//	04303	88712		
Cape Wrath	049	71108	82022	94206	756//	03212	87630		
Sule Skerry	010	81130	58022	96106	864//	03201	88710		
Lerwick	005	81526	59878	02203	884//	01604	86810	88625	
Stornoway	026	51211	74086	94007	5093/	04103	85360		
Benbecula	022	71112	66016	92007	755//	05002	82627	87640	
Tiree	100	81022	61606	91307	6552/	05205	86620	88550	
Aldergrove	917	81507	58058	90208	853//	07308	82706	85710	88635
Malin Head	980	51516	48216	89408	554//	07206	83712	85640	
Belmullet	976	11306	80021	86906	13500	05208	81920		
Birr	965	71507	77031	89007	756//	05208	87635		
Collinstown	969	61408	32102	90007	660//	07107	83700	84702	86640
Rineanna	962	71409	69028	88208	785//	07206	81820	87640	
Roches Point	952	72009	74258	89108	784//	07208	81816	87635	
Valentia	953	52107	74018	88209	58500	08209	84820	85640	

OBSERVATIONS at 06h. 21 March 1964

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	81303	58026	93708	855//	07301	87627	88635	
London Airport	772	81105	48216	93507	853//	07205	85708	87650	
Gatwick	776	81002	35215	93607	872//	07501	84705	86708	88711
Thorney Island	871	80000	56618	93307	862//	07208	84703	8870	
Hurn	862	80000	23108	93107	863//	07211	88706		
Guernsey	894	72716	60808	95607	6936/	06323	82708	86915	
Wattisham	590	80905	01466	94206	863//	06301	88707		
Gorleston	497	81004	12636	95504	6742/	04302	86710	88515	
Mildenhall	578	80802	19212	94605	852//	05301	82704	86630	88650
Cardington	559	80705	19506	94007	862//	06306	88704		
West Raynham	485	80809	04636	95005	870//	05303	88701		
Wittering	462	90603	01476	94505	9////	05304	89/00		
Boscombe Down	746	80000	23252	93506	862//	06307	88703		
Ross-on-Wye	627	80702	24506	93206	862//	06307	88704		
Bristol	628	80000	23215	93107	854//	07310	87710	88616	
Aberporth	502	71608	56036	92707	754//	06309	82712	87656	
Rhoose (Cardiff)	715	80000	06612	93406	860//	06312	85700	88703	
Plymouth	827	72407	56216	94108	773//	07218	87708		
Chivenor	707	70000	50258	93707	784//	07314	86815	85638	
St. Mawgan	817	72511	56038	94309	785//	08215	83820	87640	
Culdrose	809	52612	60056	94108	556//	07312	85630		
Scilly	704	12716	63011	94709	15600	07213	81638		
Elmdon	534	80000	08634	93506	872//	05304	88703		
Shawbury	414	70000	01444	93505	763//	05107	87706		
Manchester	334	80806	28106	94206	863//	06308	86706	88710	
Squires Gate	318	81013	26216	93505	854//	05209	87612	88635	
Valley	302	70000	66031	92607	755//	06308	85620	87840	
Ronaldsway	204	81010	14106	92807	861//	07309	88702		
Carlisle	222	80807	56216	95905	853//	04309	82708	84713	88635
Watnall	354	80708	04466	94405	872//	05305	88703		
Spurn Head	396	91210	02454	95303	9////	03400	89///		
Finningley	360	80707	15616	95105	871//	04305	88701		
Dishforth	261	81006	07466	96004	860//	04305	88701		
Tynemouth	262	91309	F2454	97204	9////	04305	89/01		
Eskdalemuir	162	80504	48106	96203	862//	03307	88703		
Mull of Galloway	131	91710	F7474	93206	9/0//	06211	89/00		
Prestwick	135	70707	66216	93506	7547/	05310	82712	84635	86656
Renfrew	141	80811	48636	94605	6742/	04207	86712	88520	
Leuchars	171	81116	28205	97404	862//	04310	86703	88705	
Dyce	091	81515	23586	99504	871//	03211	82702	85703	88704
Wick	075	81513	40206	98505	853//	04306	85708	88615	
Cape Wrath	049	51115	82012	93905	555//	02207	85625		
Sule Skerry	010	81224	58022	96405	864//	03400	88710		
Lerwick	005	81722	56216	02504	873//	02306	84707	88710	
Stornoway	026	71005	74031	94306	7093/	04303	87360		
Benbecula	022	81214	66606	92607	854//	05207	82711	86624	
Tiree	100	71122	56506	92307	754//	05306	87614		
Aldergrove	917	81209	56052	91607	863//	07211	85706	88709	
Malin Head	980	71611	59032	91208	756//	07212	87630		
Belmullet	976	61107	80021	88207	685//	06211	81820	86650	
Birr	965	81406	74505	90007	854//	06208	82717	88638	
Collinstown	969	61505	66032	91107	656//	06209	86632		
Rineanna	962	71008	69036	89207	757//	06205	87650		
Roches Point	952	61706	74031	89908	684//	07104	81715	86640	
Valentia	953	82209	66508	88709	685//	08306	82820	86635	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONV TA °C
Kew	775	02071	06	$ir_or_or_o$	r_or_oR	40
London Airport	772	03071	05	ir_o	r_or_oRR	39
Gatwick	776	02071	05	$ir_orrr_or_od_od_o$	$rrr_or_oir_oir$	38
Thorney Island	871	01061	04	$irpr_o$	$r_or_oir_o$	37
Hurn	862	02071	06	pr_opr	id_opr_o	36
Guernsey	894	03071	06	prr_or_o	$prpr_o$	35
Wattisham	590	95051	04	ir_oif	iFirff	34
Gorleston	497	03032	03	fr_or_o	rrr_or_of	33
Mildenhall	578	03051	03	$ir_or_or_o$	ir_oir	32
Cardington	559	01062	51	$ir_orrr_or_o$	$id_od_od_off$	31
West Raynham	485	04051	04	FFFf	r_or_orrff	30
Wittering	462	01051	05	$ir_or_or_of$	r_or_offFFf	29
Boscombe Down	746	01061	05	$id_od_or_opr_o$	$pr_oid_offr_or_o$	28
Ross-on-Wye	627	02061	01	+	$rrid_oir_of$	27
Bristol	628	03061	00	pr_o	$r_or_oir_o$	26
Aberporth	502	01071	05	pr_oir_o	ir	25
Rhoose (Cardiff)	715	03061	05	$ir_or_or_o$	$id_or_or_of$	24
Plymouth	827	04071	06	$r_or_od_or_o$	r_or_oRR	23
Chivenor	707	03071	02	pr_o	pr_opr	22
St. Mawgan	817	04071	06	pr	prjp	21
Culdrose	809	97071	04	pr_o	+	20
Scilly	804	01092	//	+	ir	19
Elmdon	534	05042	00	r_or_orrff	fRRRd$_o$r$_o$	18
Shawbury	414	95031	01	$r_or_oir_o$	ff	17
Manchester	334	02061	06	r_or_orr	$rrir_oid_o$	16
Squires Gate	318	03051	05	r_or_orr	r_or_o	15
Valley	302	00071	05	+	+	14
Ronaldsway	204	02061	06	d_or_cRR	ir_off	13
Carlisle	222	92041	03	ir_o	ir_o	12
Watnall	354	01051	05	ir_oir	r_or_ofFF	11
Spurn Head	396	92031	//	ff	$ffir_o$	10
Finningley	360	02041	04	+	ffr_or_orr	9
Dishforth	261	01041	04	ir_oif	$ifir_offRRrr$	8
Tynemouth	262	92031	03	FF	FFr_or_oprs	7
Eskdalemuir	162	04025	01	$ir_or_or_orr$	$rrr_or_opr_o$	6
Mull of Galloway	131	03051	//	/	/	5
Prestwick	135	91061	05	$ir_or_or_o$	r_or_o	4
Renfrew	141	05042	02	irrr	$id_or_or_o$	3
Leuchars	171	91041	04	id	$d_od_oid_o$	2
Dyce	091	01031	03	$d_od_od_or_or_or_o$	$d_or_od_od_o$	1
Wick	075	97041	04	d_or_o	id_o	0
Cape Wrath	049	00041	00	+	+	−1
Sule Skerry	010	00051	04	/	/	−2
Lerwick	005	03011	00	$pr_osoph_or_or_o$	r_or_o	−3
Stornoway	026	91051	02	+	ir_o	−4
Benbecula	022	01061	05	ir_o	ir_o	−5
Tiree	100	94061	05	$r_or_od_or_o$	$d_or_oid_o$	−6
Aldergrove	917	92062	03	ir_o	+	−7
Malin Head	980	01061	03	/	/	−8
Belmullet	976	97051	03	/	/	−9
Birr	965	9706/	05	/	/	−10
Collinstown	969	97061	03	/	/	−11
Rineanna	962	97071	06	/	/	−12
Roches Point	952	92071	04	/	/	−13
Valentia	953	02081	06	/	/	−14
						−15
						−16
						−17
						−18
						−19
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						−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	70621	32600	81718	97606	92506	874//	51710	88714	/////	05104	11733	11256
B	70565	51000	80135	97858	13753	825//	00107	88820	/////	06257	15153	1////
C	70527	35800	81405	98022	98607	855//	00803	88625	/////	00003	149/2	1////
D	70440	41000	72710	97808	90011	724//	00708	87815	/////	05310	12722	12345
I	70589	19300	80318	97026	90008	5557/	00105	85628	88457	05304	10334	11008
J	70525	19600	72930	98018	91010	1553/	61226	81625	87362	05106	12935	12846
K	7044	15500	62630	97028	07212	68500	61114	83823	83823	00010	17854	17450
M	73660	02000	62806	98022	07205	35630	00608	/////	/////	05452	149/2	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	70618	33006	83114	97026	89804	854//	00207	83712	88620	05303	130/2	11356
B	70565	51006	83634	97858	12855	825//	00400	88820	/////	06760	18652	1////
C	70527	35506	30811	98011	96006	35500	00714	8362	/////	05203	149/2	1////
D	70440	41006	82622	97028	89012	4247/	00400	84815	88360	05109	12634	12345
I	70590	18806	80312	97031	90708	858//	11308	82825	88640	05305	10322	10947
J	70525	19906	13020	99021	94510	17400	00218	81710	/////	05108	12933	12735
K	70440	15906	32620	97022	07212	38500	61603	81823	/////	05010	17752	12459
M	73660	02006	32308	98021	07004	21660	00303	/////	/////	05551	149/2	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37376

Date of Issue Sunday 22 March 1964

OBSERVATIONS at 12h. — 21 March 1964

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	72706	63022	95810	784//	07110	84815	86635	
London Airport	772	82506	58012	95709	863//	08212	81709	88712	
Gatwick	776	72407	62026	95611	784//	09208	81715	86818	87645
Thorney Island	871	72906	58026	96710	4843/	08216	83818	86360	
Hurn	862	72610	74804	96811	7843/	07315	81712	85818	85635
Guernsey	894	22417	62258	99611	12402	09215	81818		
Wattisham	590	70603	56016	95609	783//	08106	83708	86820	86630
Gorleston	497	71601	40104	96306	1257/	05204	81823	87360	
Mildenhall	578	81101	40026	95909	854//	08306	85710	88625	
Cardington	559	80602	28506	95608	862//	08110	85703	88706	
West Raynham	485	71705	61016	95508	6847/	07204	81710	84815	87359
Wittering	462	80206	32024	95808	861//	07207	82702	84704	88709
Boscombe Down	746	72707	74026	96310	784//	08211	86812	87630	
Ross-on-Wye	627	70000	48056	95209	754//	08107	82710	87630	
Bristol	628	72506	60022	95710	784//	08211	85812	86635	
Aberporth	502	71809	74806	94410	725//	07209	87820		
Rhoose (Cardiff)	715	52708	66016	96210	58301	08210	81708	84815	
Plymouth	827	82215	56802	96509	884//	08204	85818	88640	
Chivenor	707	72514	78258	95811	785//	09206	83820	87645	
St. Mawgan	817	82416	58808	96010	7247/	08104	82710	87815	88358
Culdrose	809	72414	58258	96410	785//	09207	84820	87640	
Scilly	804	82619	58626	96609	5552/	08209	85620	88458	
Elmdon	534	81002	19516	95807	862//	07210	86704	88707	
Shawbury	414	81102	26216	95708	862//	07210	88705		
Manchester	334	60605	58026	95609	685//	04105	84822	85650	
Squires Gate	318	51014	37042	95510	55500	07205	82625	85632	
Valley	302	71810	69022	94710	785//	07210	83820	87638	
Ronaldsway	204	80912	40104	95307	853//	06110	86706	88625	
Carlisle	222	80710	37622	98005	853//	04111	86706	88615	
Watnall	354	80201	02505	96406	871//	06208	88702		
Spurn Head	396	81409	02446	95904	862//	04204	88704		
Finningley	360	80606	40616	96805	872//	05206	83704	86705	88707
Dishforth	261	81107	56614	97705	872//	04306	84703	88704	
Tynemouth	262	91315	04478	98405	9////	04103	89/01		
Eskdalemuir	162	80604	40108	98203	862//	03110	88703		
Mull of Galloway	131	81414	56286	96005	863//	05210	88708		
Prestwick	135	71211	62042	96107	754//	05210	83713	85620	87635
Renfrew	141	80712	28046	97206	852//	05212	84705	87708	88612
Leuchars	171	81015	16515	99405	870//	04208	84701	88702	
Dyce	091	81316	11206	01504	871//	03208	87702	88703	
Wick	075	81215	38105	00805	862//	04209	85705	88708	
Cape Wrath	049	81418	82022	95905	885//	03213	82820	88625	
Sule Skerry	010	81724	58022	98806	864//	04214	88715		
Lerwick	005	81624	58616	04603	853//	02312	83708	88620	
Stornoway	026	71309	70016	96708	7097/	06211	84359	87462	
Benbecula	022	81518	80016	95309	854//	07213	81719	83627	86645
Tiree	100	81222	66035	95108	854//	06212	81615	88620	
Aldergrove	917	81310	22216	94408	862//	07210	85705	88708	
Malin Head	980	71513	69022	93910	684/1	07215	82819	86650	87070
Belmullet	976	70909	80031	91312	735//	08214	83920	87647	
Birr	965	71407	74025	91911	756//	06207	87638		
Collinstown	969	71411	61106	92809	784//	08106	82818	87640	
Rineanna	962	51108	74256	91410	48430	08210	81712	83820	85359
Roches Point	952	72713	80806	92311	734//	08216	84918	87635	
Valentia	953	82315	61806	91610	884//	08213	83712	86820	88632

OBSERVATIONS at 18h. — 21 March 1964

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	62105	56028	97809	684//	07211	86812	86625	
London Airport	772	72207	66028	97510	785//	07009	81824	83840	85656
Gatwick	776	72208	62258	98308	58563	07211	81825	85650	
Thorney Island	871	52405	59038	98809	523/2	07109	84708	83820	
Hurn	862	72106	74022	98310	7543/	08208	87618		
Guernsey	894	72415	66038	00808	4857/	07207	83820	84640	86360
Wattisham	590	82002	58216	97708	853//	08215	84707	88625	
Gorleston	497	91508	F7472	97705	9////	05208	89/01		
Mildenhall	578	80000	56808	97609	884//	08213	87818		
Cardington	559	71802	32258	97409	4867/	08308	81830	84645	85358
West Raynham	485	73506	62606	97208	5747/	07209	85710	87359	
Wittering	462	80106	35032	97707	863//	06210	88709		
Boscombe Down	746	72309	66028	97809	785/3	07204	84820	83640	
Ross-on-Wye	627	32006	63021	96810	38501	06310	81825		
Bristol	628	72206	59022	96910	785//	07205	81820	87640	
Aberporth	502	81908	61808	95709	884//	07307	81712	84815	88640
Rhoose (Cardiff)	715	80000	61256	97208	881//	08304	81702	88650	
Plymouth	827	72507	48818	98409	783//	08314	81708	85815	87635
Chivenor	707	82513	48648	97509	5722/	08211	82704	84708	88525
St. Mawgan	817	72615	59028	98309	3552/	08215	83620	87460	
Culdrose	809	72810	64258	98509	6847/	08215	83710	83715	86635
Scilly	804	72817	63258	98710	6847/	09212	83814	85622	
Elmdon	534	70000	05466	97008	755//	07206	83625	87650	
Shawbury	414	70905	10106	97107	752//	07308	84704	85615	87630
Manchester	334	80707	20042	97208	856//	05207	88630		
Squires Gate	318	71013	30212	96907	755//	06207	82625	87640	
Valley	302	70000	74028	95909	785//	07203	82820	87650	
Ronaldsway	204	70715	56036	96607	754//	05104	82710	85625	87640
Carlisle	222	70712	48606	99405	753//	04210	82708	85637	87656
Watnall	354	80705	14606	98105	872//	05310	87703	88705	
Spurn Head	396	90000	02456	97904	9////	04212	89/00		
Finningley	360	83605	28616	98005	853//	05208	86706	88525	
Dishforth	261	80706	28614	98604	873//	04205	88706		
Tynemouth	262	81012	16258	00604	861//	04209	88702		
Eskdalemuir	162	81005	37632	99803	872//	03310	86703	88709	
Mull of Galloway	131	81415	56031	97505	864//	05208	88710		
Prestwick	135	80809	56606	98106	7543/	05209	82714	84622	87635
Renfrew	141	80910	24606	99006	872//	05210	86705	88710	
Leuchars	171	81014	11636	01504	870//	04211	85701	88702	
Dyce	091	81210	32055	03204	873//	02210	86706	88710	
Wick	075	81513	35505	02904	862//	03207	84705	88710	
Cape Wrath	049	61410	81022	98707	615//	04209	86825		
Sule Skerry	010	81424	48022	00306	864//	04211	88715		
Lerwick	005	71522	58602	06304	753//	02211	85708	87620	
Stornoway	026	71309	69032	98808	756//	05213	87640		
Benbecula	022	81412	58616	97907	7542/	06212	82716	87625	88459
Tiree	100	81214	59046	97707	3557/	05210	83620	88460	
Aldergrove	917	80812	26046	96607	863//	05213	82706	87708	
Malin Head	980	70910	58102	96508	785//	06215	82820	87650	
Belmullet	976	61505	80258	94410	635//	08218	82920	86650	
Birr	965	71401	77028	93710	785//	07210	85821	87636	
Collinstown	969	81208	58101	95008	861//	07212	83701	87703	88640
Rineanna	962	71405	69258	93711	735//	08314	84920	87640	
Roches Point	952	72112	56108	93710	783//	09208	85708	87635	
Valentia	953	72812	66038	94910	73400	08328	81710	87920	

OBSERVATIONS during DAY

Station	iii	$R_RT_Tx_Tx_E$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	92121	011	+	pr
London Airport	772	94121	003	pr_0	pr_0
Gatwick	776	03121	005	ir_0pr_0	pr_0pr
Thorney Island	871	02121	018	$idir_0pr_0$	pr_0
Hurn	862	01131	///	pr_0	$pRpr_0$
Guernsey	894	93111	050	pr_0	pr_0
Wattisham	590	01111	///	if	ir
Gorleston	497	01072	010	ff	ffrr
Mildenhall	578	01111	000	$ir_0r_0r_0$	pr_0
Cardington	559	91112	003	ir_0id_0	pi_0
West Raynham	485	93101	003	r_0r_0	ir_0FF
Wittering	462	00101	000	ff	+
Boscombe Down	746	01111	008	pr_0pR	pr_0
Ross-on-Wye	627	92131	024	ir_0f	+
Bristol	628	00121	012	+	+
Aberporth	502	02121	016	pr_0	$pr_0prr_0r_0$
Rhoose (Cardiff)	715	06121	019	id_0ir_0ifrr	$rrd_0r_0r_0r_0$
Plymouth	827	03101	025	pr_0	pr_0pr
Chivenor	707	05131	011	pr_0	$pRiRr_0r_0$
St. Mawgan	817	03111	014	pr_0ir_0	$iriRpr_0$
Culdrose	809	02101	011	pr_0	pr_0
Scilly	804	01112	015	priR	pr
Elmdon	534	01092	000	$d_0r_0fd_0d_0id_0$	id_0ir_0ff
Shawbury	414	93081	000	fir_0id_0	$ffir_0r_0r_0$
Manchester	334	00111	0C4	+	+
Squires Gate	318	97111	012	+	r_0
Valley	302	97111	005	pr_0	+
Ronaldsway	204	91070	000	+	ir_0
Carlisle	222	94071	000	irr_0r_0	$ir_0r_0r_0$
Watnall	354	97071	000	$FFid_0ff$	$ir_0d_0d_0id_0r_0$
Spurn Head	396	01051	000	ffr_0r_0	r_0r_0ff
Finningley	360	03061	000	$d_0d_0fr_0r_0rr$	$r_0r_0ir_0$
Dishforth	261	03051	000	RRr_0r_0if	r_0r_0
Tynemouth	262	01052	000	$FFpr_0ff$	prd_0d_0
Eskdalemuir	162	01045	000	$ir_0r_0r_0$	r_0r_0rrif
Mull of Galloway	131	95061	///	/	/
Prestwick	135	93081	000	ir_0	$r_0r_0ir_0$
Renfrew	141	01071	000	ir_0	$ir_0r_0r_0$
Leuchars	171	03051	000	$id_0d_0d_0$	$d_0d_0rrr_0r_0$
Dyce	091	91041	000	$d_0r_0d_0d_0$	d_0d_0
Wick	075	97051	000	id_0	id_0
Cape Wrath	049	00081	///	+	+
Sule Skerry	010	00061	///	/	/
Lerwick	005	01041	000	r_0r_0ir	ir_0
Stornoway	026	00091	007	+	+
Benbecula	022	91091	011	+	$ir_0r_0r_0$
Tiree	100	97091	000	ir_0	+
Aldergrove	917	92091	001	ir_0id_0	ir_0
Malin Head	980	0011/	037	/	/
Belmullet	976	0113/	028	/	/
Birr	965	9312/	012	/	/
Collinstown	969	9711/	028	/	/
Rineanna	962	0112/	015	/	/
Roches Point	952	9112/	012	/	/
Valentia	953	0312/	018	/	/

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	70619	32912	60905	98806	89804	68500	00808	83820	85650	05650	109/1	10945
B	70565	51012	83534	97858	13454	824//	00308	88812	/////	06458	18652	1////
C	70527	35512	71215	98022	94607	78400	00710	82818	87635	00104	11222	149/5
D	70440	41012	61920	97258	89412	48402	00808	81815	84635	05306	12023	13056
I	70590	18912	43606	98011	92708	41530	00211	84825	/////	05305	13621	18046
J	70524	19812	32812	99030	97011	22500	00017	82822	/////	00206	12822	13445
K	70418	15912	81812	95616	06312	773//	00810	87708	/////	00012	12253	12748
M	73660	02012	61512	98022	08005	38608	00104	/////	/////	05351	116/3	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	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	32818	72113	98028	87703	756//	00705	87640	/////	05653	12134	11646
B	70560	51018	63328	96858	13754	62400	00602	86815	/////	06560	18561	1////
C	70527	35518	80621	98022	92507	11571	00710	81825	88359	00103	10422	10535
D	70440	41018	71609	97808	86212	29463	00617	82915	86635	05408	149/6	1////
I	70590	19018	73307	97021	93808	1253/	00102	81825	87360	05305	13321	10845
J	70523	19818	32103	99031	97012	11505	00709	81825	83075	00207	100/0	13644
K	70450	15818	82218	94426	04813	863//	00000	88706	/////	00113	12243	12758
M	73660	02018	81920	97808	08204	895//	00400	/////	/////	05502	11923	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

CIVIL TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
21 MARCH 1964

Explanation of symbols

CL

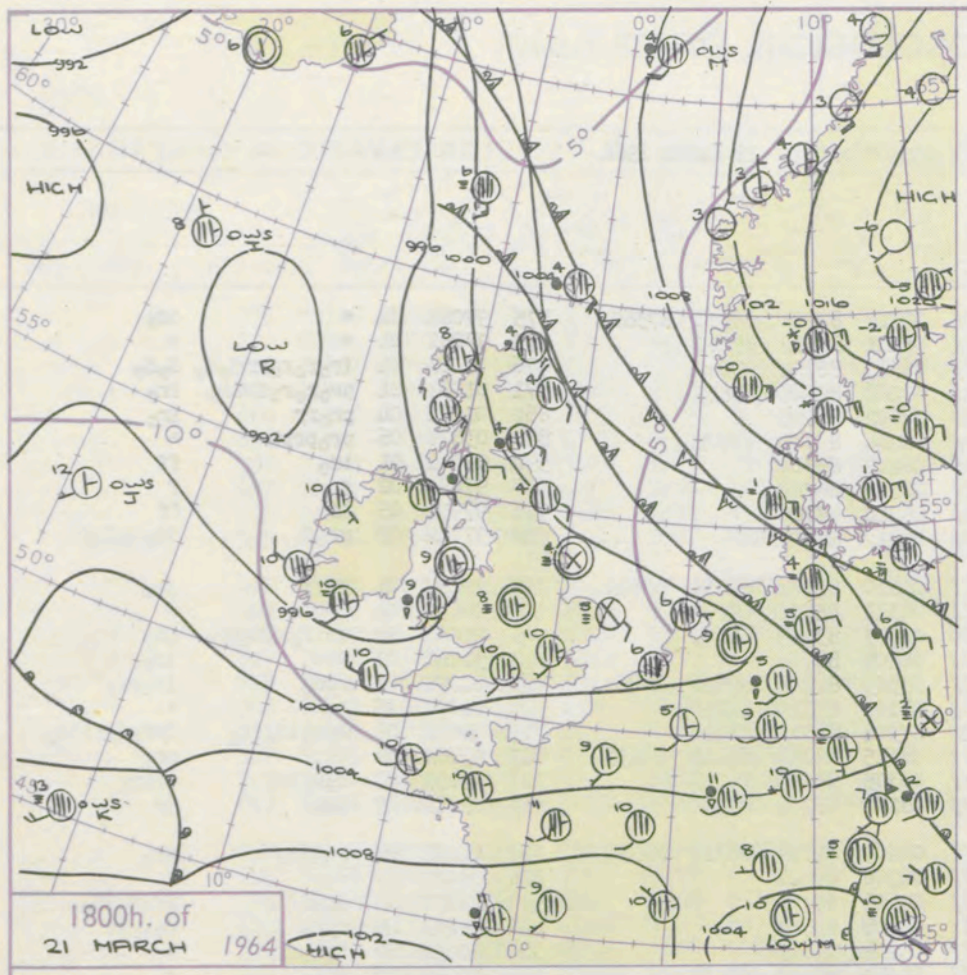
Symbol

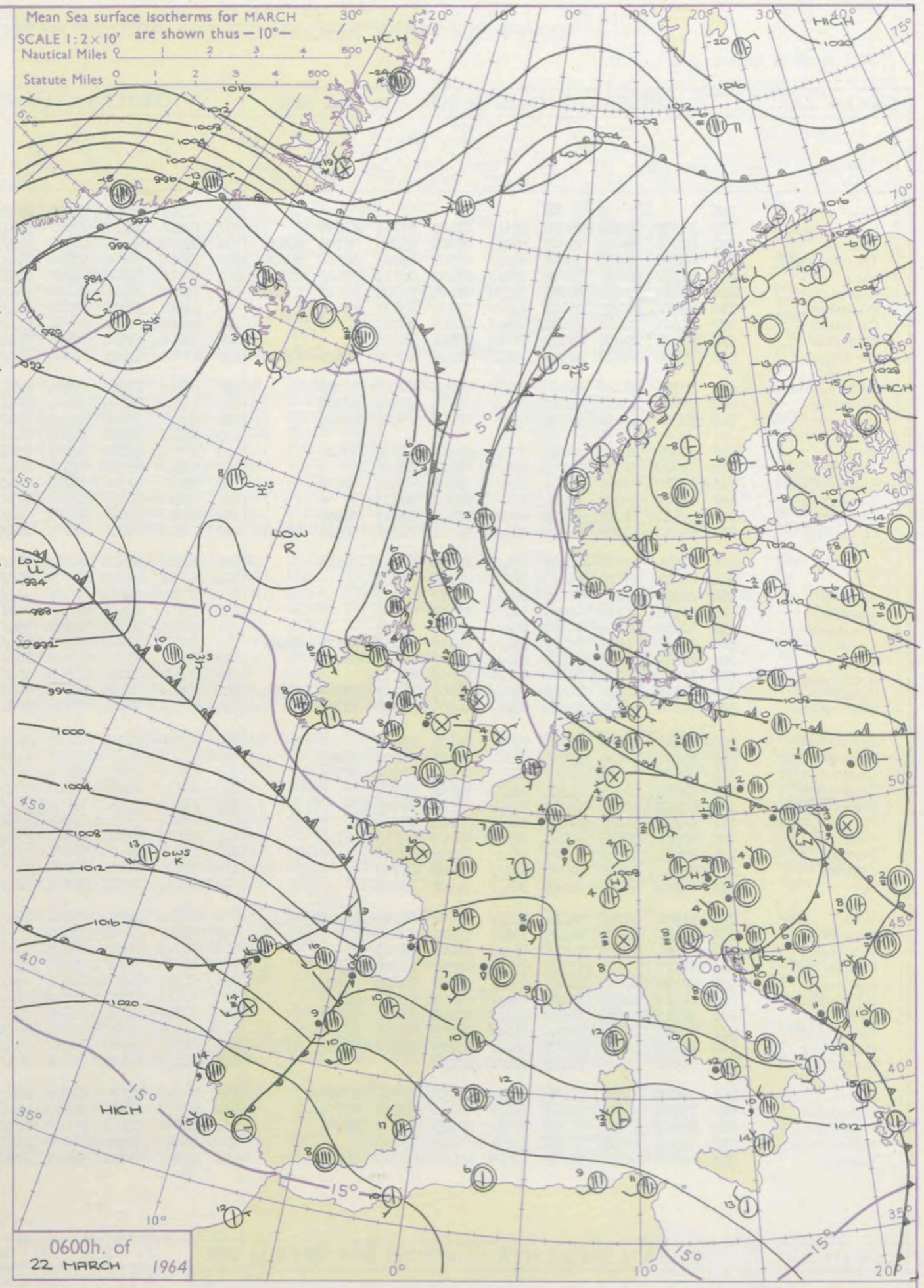
WEA

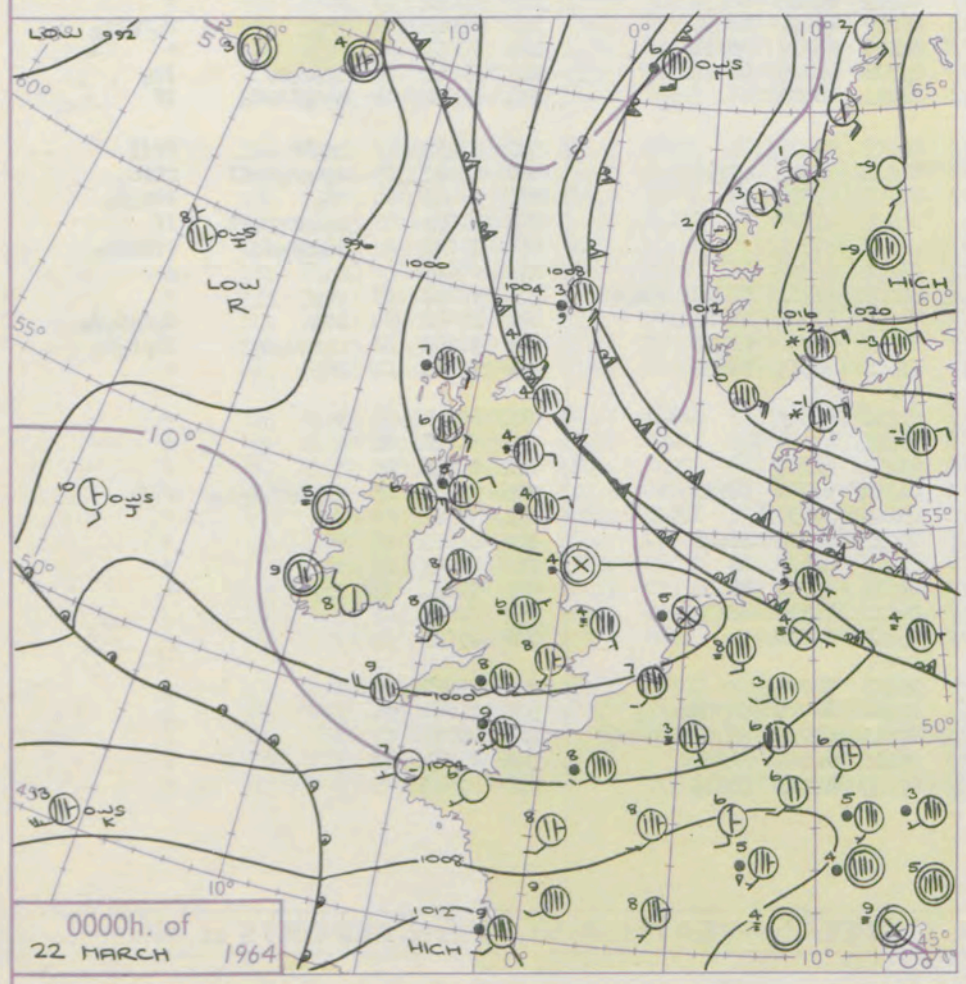
Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Sunday 22 March** 1964

The depression off northwest Ireland has filled steadily but otherwise the general pressure distribution around the British Isles has remained mainly unchanged. The anticyclone, centred east of Scandinavia has persisted and pressure remains low over the majority of Europe. An occluding frontal system is moving towards western districts from the Atlantic.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Temperatures will be near normal except in the northeast where it will remain cold. Although many places will have bright intervals, the weather will be generally cloudy. Some rain and drizzle will continue chiefly in the northeast. A belt of rain will reach south western districts tonight and spread slowly eastwards. There will be fog patches in many districts.

OUTLOOK for the following 24 hours.

Temperatures near normal except in the north east where rather cold. Some fog patches. Rain at times in many districts.

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

Code FM 11.A

OBSERVATIONS at 00h. 22 March 1964

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			08					
London Airport	772	71905	48032	99208	763//	07102	87709	87656	
Gatwick	776	82005	58602	99507	852//	07000	83703	86705	88636
Thorney Island	871	82604	56628	99808	852//	07301	85705	86710	88624
Hurn	862	82508	66638	00008	854//	07209	82710	87618	88640
Guernsey	894	62414	63258	02708	58232	08106	81704	84822	85360
Wattisham	590	82402	28105	99107	855//	07101	83622	88640	
Gorleston	497	81605	014464	99604	864//	04203	88710		
Mildenhall	578	81501	09468	98907	856//	07101	88630		
Cardington	559	70000	14118	98905	4853/	05102	82820	84635	87362
West Raynham	485	73305	19106	99205	6567/	04203	86640	87359	
Wittering	462	80105	26102	99605	860//	05304	85701	88702	
Boscombe Down	746	82304	58606	99707	853//	07207	86706	88625	
Ross-on-Wye									
Bristol	628	72405	58216	99208	752//	08108	83705	87620	
Aberporth	502	81910	58026	97608	856//	07105	88630		
Rhoose (Cardiff)	715	72710	62016	99308	755//	07208	83620	87630	
Plymouth	827	82312	48038	00209	855//	08207	88625		
Chivenor	707	82311	58216	99209	6542/	08104	86617	88526	
St. Mawgan	817	82412	61028	00009	883//	08104	82708	86815	88623
Culdrose	809	82514	57508	00409	854//	08305	86710	88618	
Scilly	804	82721	63021	00409	856//	09108	88632		
Elmdon	534	80603	14285	99006	862//	05210	88703		
Shawbury	414	80901	16106	99106	862//	06207	88704		
Manchester	334	80405	40042	99106	854//	03107	88618		
Squires Gate	318	81013	32042	99105	854//	04110	82717	85625	88656
Valley	302	82102	61216	97808	856//	07208	83630	88647	
Ronaldsway	204	80914	58026	98906	864//	05208	88716		
Carlisle	222	70508	48216	01404	763//	03005	82707	85709	87713
Watnall	354	80000	07506	99504	862//	04205	86703	88704	
Spurn Head	396	90000	02456	99204	9////	04104	89///		
Finningley	360	83408	17606	99405	872//	04003	86704	88705	
Dishforth	261	80106	14106	00004	861//	04102	84702	88705	
Tynemouth	262	80712	16615	01404	862//	04101	88705		
Eskdalemuir	162	80503	40216	02002	872//	02107	88703		
Mull of Galloway	131	80920	56022	99605	864//	03212	88714		
Prestwick	135	80711	58606	00705	874//	03210	84710	88716	
Renfrew	141	80911	40046	01805	864//	03209	88710		
Leuchars	171	80912	19506	02704	863//	03000	88706		
Dyce	091	81211	40025	04604	864//	01107	88712		
Wick	075	81516	48055	04404	862//	03302	84705	88710	
Cape Wrath	049	71410	81022	00505	756//	03207	87630		
Sule Skerry	010	81424	58022	02505	864//	03208	88715		
Lerwick	005	81521	59582	07503	853//	02307	83706	88611	
Stornoway	026	81309	66606	01007	855//	05108	82622	88635	
Benbecula	022	81612	62036	00407	854//	05209	82618	88627	
Tiree	100	81315	59042	00106	855//	05208	84621	88650	
Aldergrove	917	80813	48046	99206	863//	05207	85709	88712	
Malin Head	980	81205	56102	99307	864//	05209	82710	85714	88635
Belmullet	976	00000	66100	97305	00900	05210			
Birr	965	70000	74028	97308	785//	07213	83821	87636	
Collinstown	969	70706	24605	97607	761//	07211	85702	87704	
Rineanna	962	82507	13283	97708	860//	07215	83701	88702	
Roches Point	952	22909	66011	97608	25600	06218	82640		
Valentia	953	40000	66011	98709	42400	09212	81712	84820	

OBSERVATIONS at 06h. 22 March 1964

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	72203	57035	01108	6543/	07313	81718	86630	87360
London Airport	772	72001	48012	00707	755//	06211	84622	87640	
Gatwick	776	72005	40106	01507	753//	06315	86709	87640	
Thorney Island	871	70000	56605	01506	753//	06208	83708	87635	
Hurn	862	60000	59016	01207	655//	07002	86625		
Guernsey	894	72413	40101	03408	760//	08204	81701	87702	
Wattisham	590	83002	09424	00506	862//	06212	88704		
Gorleston	497	90405	01454	00504	9////	04207	89/03		
Mildenhall	578	83601	14284	00605	862//	05210	88703		
Cardington	559	80000	03505	01006	861//	06212	88702		
West Raynham	485	83603	19216	00604	852//	04210	82703	85615	88620
Wittering	462	83502	14102	01105	861//	04311	85702	88707	
Boscombe Down	746	62001	58258	01506	68400	06209	83715	86650	
Ross-on-Wye	627	80601	57022	99906	863//	06205	88708		
Bristol	628	70000	48606	99707	6537/	07303	82708	85620	87460
Aberporth	502	81910	58052	98708	854//	08110	85710	88630	
Rhoose (Cardiff)	715	82105	23516	00007	6642/	07304	86710	88520	
Plymouth	827	72411	48038	01809	783//	08315	81708	84816	85635
Chivenor	707	82510	48026	99709	862//	08305	84704	88708	
St. Mawgan	817	72513	39018	01109	762//	08207	83704	87706	
Culdrose	809	82609	56808	01209	884//	08205	82810	86712	88630
Scilly	804	82816	66022	01809	855//	08306	88620		
Elmdon	534	90706	03604	00205	9////	05106	89/01		
Shawbury	414	80000	08586	00305	862//	05208	88703		
Manchester	334	80605	48042	00606	854//	03208	88613		
Squires Gate	318	80907	28042	00705	854//	04212	86618	88635	
Valley	302	80604	15606	99507	855//	06210	86620	88635	
Ronaldsway	204	80509	61022	00705	854//	04108	83712	88616	
Carlisle	222	80610	48106	02804	863//	03308	86706	88712	
Watnall	354	80301	03465	00904	862//	04211	88703		
Spurn Head	396	90000	F6454	00 04	9////	04208	89///		
Finningley	360	83407	21106	01005	872//	04310	84704	88707	
Dishforth	261	83608	09465	01604	861//	04210	88702		
Tynemouth	262	80712	16106	02304	862//	04305	88703		
Eskdalemuir	162	80102	19286	03102	861//	02313	88701		
Mull of Galloway	131	80917	63022	01804	864//	03214	88712		
Prestwick	135	80609	58046	02004	854//	02207	82711	86616	88630
Renfrew	141	80708	48516	03104	872//	03207	87705	88708	
Leuchars	171	80709	22505	03604	863//	03302	86708	88710	
Dyce	091	81102	48022	05303	854//	02206	84715	88620	
Wick	075	81516	58052	05304	854//	03208	88615		
Cape Wrath	049	01402	74021	02305	00900	03210			
Sule Skerry	010	81419	58022	03605	864//	02205	88715		
Lerwick	005	81517	56216	08603	853//	01304	83706	88611	
Stornoway	026	81309	66036	02606	856//	05209	88630		
Benbecula	022	81414	62032	01706	854//	04212	84618	88626	
Tiree	100	81215	58042	01506	855//	04208	88627		
Aldergrove	917	80809	56042	01305	863//	04212	85708	88714	
Malin Head	980	81109	59102	01106	854//	04313	84718	88630	
Belmullet	976	71403	66101	99206	757//	05209	87650		
Birr	965	80000	16102	99706	862//	06208	88704		
Collinstown	969	80507	03426	99507	860//	07208	87701	88702	
Rineanna	962	82802	24102	99808	860//	07310	82701	85703	88706
Roches Point	952	43205	72030	00006	25630	05110	82640	84360	
Valentia	953	70000	66038	99808	754//	07107	82712	87635	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97081	04	+	id_o
London Airport	772	97061	01	+	+
Gatwick	776	01061	04	$ir_or_or_orrd_od_o$	d_od_o
Thorney Island	871	01061	01	$pr_or_or_oirir_o$	ir_o
Hurn	862	01061	04	pr_orr	ir_o
Guernsey	894	03071	06	pr_oprpR	+
Wattisham	590	97041	01	id_o	ff
Gorleston	497	97032	02	f	f
Mildenhall	578	97051	05	if	ff
Cardington	559	97042	03	pr_of	$id_od_od_off$
West Raynham	485	97031	01	FFff	ir_o
Wittering	462	00051	04	+	+
Boscombe Down	746	03061	03	$irir_or_or_opr_o$	pr_o
Ross-on-Wye	627	91061	03	+	id_o
Bristol	628	01071	06	r_or_o	ir_opr_o
Aberporth	502	01071	05	+	+
Rhoose (Cardiff)	715	03071	06	$r_or_oid_oir_o$	$ird_od_offid_o$
Plymouth	827	97081	06	+	pr_o
Chivenor	707	02081	07	$r_or_oir_o$	$iRir_o$
St. Mawgan	817	01081	07	pr_o	jf
Culdrose	809	01081	08	id_opr_o	pr_o
Scilly	804	00091	//	+	+
Elmdon	534	97052	05	id_off	$ffir_oid_o$
Shawbury	414	96051	05	r_or_o	d_or_off
Manchester	334	00051	05	+	+
Squires Gate	318	00041	03	+	+
Valley	302	01061	06	ir_o	$r_or_oir_o$
Ronaldsway	204	00051	03	+	+
Carlisle	222	97041	03	$ir_or_or_o$	ir_o
Watnall	354	97041	04	$d_od_offid_o$	ff
Spurn Head	396	02031	//	ir_oFF	FFff
Finningley	360	05051	05	$d_or_or_or_off$	$rffd_o$
Dishforth	261	97041	04	id_o	ifd_od_o
Tynemouth	262	01031	03	$d_od_or_or_off$	ff
Eskdalemuir	162	91025	02	id_oir_oif	$ffifid_o$
Mull of Galloway	131	00041	//	/	/
Prestwick	135	97041	03	ir_o	+
Renfrew	141	91041	04	id_o	$d_or_od_od_o$
Leuchars	171	91041	03	$r_or_od_od_o$	$id_or_or_o$
Dyce	091	97031	02	id_o	+
Wick	075	00041	03	+	+
Cape Wrath	049	00041	03	+	+
Sule Skerry	010	00050	05	/	/
Lerwick	005	95031	02	$ir_od_or_od_or_o$	r_or_o
Stornoway	026	97060	04	ir_o	+
Benbecula	022	00061	04	+	+
Tiree	100	00051	05	+	+
Aldergrove	917	91041	03	ir_o	+
Malin Head	980	00061	05	/	/
Belmullet	976	97031	01	/	/
Birr	965	01061	02	/	/
Collinstown	969	01061	06	/	/
Rineanna	962	02071	07	/	/
Roches Point	952	00061	02	/	/
Valentia	953	93081	05	/	/

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_dd_Pd_Pd_Hd_Hw_w$	$Id_dd_Pd_Pd_Hd_Hw_w$
A	10621	32700	83010	96858	88303	885//	00203	84820	88640	05851	13032	11047
B	10565	51000	33432	98158	14655	32400	00205	83815	/////	06762	13459	1////
C	10527	35500	80212	97612	91607	845//	00803	88630	/////	00004	10122	10535
D	10440	41000	32022	98011	85113	28451	00805	81815	/////	00003	12046	1////
I	10589	19200	73307	97022	95008	2563/	00002	82630	87360	05306	13321	149/4
J	10524	18900	31510	99011	96610	21501	21705	82825	83070	05107	11521	13633
K	10451	15700	72423	96012	07013	754//	00100	87616	/////	00212	12453	31217
M	13660	02000	81824	97606	08806	5742/	00306	/////	/////	05202	11845	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_dd_Pd_Pd_Hd_Hw_w$	$Id_dd_Pd_Pd_Hd_Hw_w$
A	10622	32706	81814	98268	85502	885//	00720	84820	88640	05900	116/2	11046
B	10565	51006	53225	97858	14255	52400	00603	85815	/////	06659	13358	1////
C	10527	35506	80140	97616	90905	8062/	00500	88540	/////	05402	10136	1////
D	10440	41006	61214	98021	84010	22430	00612	82815	/////	05504	12145	1////
I	10589	19306	73603	98031	95208	58402	00300	82818	85630	05305	13621	10344
J	10524	18506	81214	98616	94710	855//	00708	88625	/////	05110	11522	13633
K	10452	15606	52419	97022	10513	55500	00315	85620	/////	00212	12457	12756
M	13660	02006	41918	97016	09906	38560	00207	/////	/////	05202	11945	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37377 — Date of Issue Monday 23 March 1964

OBSERVATIONS at 12h. — 22 March 1964 (Code FM 11.A)

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	82007	57812	03109	5247/	08211	85815	85359	88460
London Airport	772	81806	40622	02709	854//	08008	82710	83615	88650
Gatwick	776	72208	58216	03410	754//	09213	85613	87625	
Thorney Island	871	72607	58036	03112	4143/	08203	84814	87360	
Hurn	862	62211	80018	03513	53532	08212	81920	83822	85640
Guernsey	894	72414	40102	05709	6523/	08211	82703	85705	86640
Wattisham	590	82403	30054	03607	862//	06216	85703	88706	
Gorleston	497	81102	13284	03105	863//	04214	88708		
Mildenhall	578	80000	19052	03107	863//	06113	85706	88709	
Cardington	559	80000	30055	03007	862//	06208	84704	88706	
West Raynham	485	82807	08504	03106	861//	05215	88702		
Wittering	462	80000	35044	03507	863//	05211	88707		
Boscombe Down	746	72605	74216	02710	785//	08106	84820	85640	
Ross-on-Wye	627	80603	24205	02009	862//	08211	88704		
Bristol	628	82409	37028	02009	862//	09213	88703		
Aberporth	502	80000	09424	01808	856//	08214	88630		
Rhoose (Cardiff)	715	82713	12504	02708	861//	08113	88702		
Plymouth	827	82612	40812	03609	883//	09211	86708	85818	88635
Chivenor	707	72815	69026	03111	784//	09115	84812	87640	
St. Mawgan	817	72615	58012	03909	4627/	09213	81704	84707	87458
Culdrose	809	72513	60058	04110	43431	09217	82712	83363	85070
Scilly	804	82611	69032	04410	32517	09113	83828	85460	88280
Elmdon	534	80905	37046	02608	863//	05209	85706	88710	
Shawbury	414	81002	17106	02807	863//	06211	88706		
Manchester	334	81502	48042	02608	854//	04210	85618	88650	
Squires Gate	318	71107	37041	02810	785//	06211	85822	87630	
Valley	302	70000	32042	01811	785//	08210	81820	87637	
Ronaldsway	204	30812	61011	03008	35400	04211	81713	83615	
Carlisle	222	70608	28052	04507	4633/	04108	84709	87362	
Watnall	354	80000	13025	03406	863//	05212	84706	88708	
Spurn Head	396	90000	F4474	03105	9////	05215	89/00		
Finningley	360	83608	19105	03406	872//	05110	85705	88708	
Dishforth	261	80110	11285	03905	863//	04213	87706	88710	
Tynemouth	262	80308	11102	04604	861//	04209	88702		
Eskdalemuir	162	80604	40105	04904	863//	03210	88709		
Mull of Galloway	131	70913	63012	03806	754//	04208	83712	85640	
Prestwick	135	80511	50042	03906	854//	03006	82714	85716	88625
Renfrew	141	80709	28105	04705	872//	04208	85704	88708	
Leuchars	171	80508	56056	05305	863//	04206	81706	85709	88712
Dyce	091	81202	48052	06405	854//	02208	85710	88615	
Wick	075	81414	56052	05405	854//	04104	82710	88615	
Cape Wrath	049	41408	66021	03807	25630	03205	82630	84360	
Sule Skerry	010	81413	58022	05806	6641/	02210	86715	88460	
Lerwick	005	81419	58616	09903	853//	02106	86708	88625	
Stornoway	026	71307	70031	04508	1553/	04211	81625	87363	
Benbecula	022	71515	66022	03507	755//	05210	85625	87635	
Tiree	100	71414	62042	03608	755//	04207	81620	83628	87650
Aldergrove	917	80905	56042	03806	854//	04211	83711	85615	88620
Malin Head	980	81013	59102	03207	864//	04212	85719	88650	
Belmullet	976	71807	78021	01410	785//	08210	81821	87650	
Birr	965	80000	16284	02208	863//	07212	88706		
Collinstown	969	80908	18506	02108	863//	06108	88706		
Rineanna	962	60000	66012	02110	58202	08210	82705	85640	86075
Roches Point	952	70000	66011	02110	48371	08107	82708	84639	87460
Valentia	953	80000	69258	01911	53406	08210	83918	85636	88268

OBSERVATIONS at 18h. — 22 March 1964

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	82003	56918	04110	893//	07212	82708	86918	86630
London Airport	772	70106	56806	03710	794//	07211	85910	83620	87635
Gatwick	776	72105	56258	04109	785//	08310	82824	87640	
Thorney Island	871	72402	58251	04909	785//	08311	81825	87650	
Hurn	862	72610	62252	04910	785//	07211	84820	87642	
Guernsey	894	82515	80606	07608	6527/	06313	83704	86640	
Wattisham	590	80305	30042	04508	857//	07310	88650		
Gorleston	497	90000	01474	05104	9////	04216	89/02		
Mildenhall	578	83504	28052	04508	863//	06308	86707	88712	
Cardington	559	80408	32052	04508	854//	07312	87710	88625	
West Raynham	485	82702	32055	04508	863//	05310	88706		
Wittering	462	80203	40042	05107	863//	05213	82708	88712	
Boscombe Down	746	73006	74028	04510	48401	08315	82819	84640	86078
Ross-on-Wye	627	80902	17216	04309	863//	09319	88708		
Bristol	628	72307	58052	04209	655/1	05213	82620	86640	87075
Aberporth	502	82510	19284	04408	861//	07316	88702		
Rhoose (Cardiff)	715	72914	56035	04708	56301	07314	85708	87075	
Plymouth	827	82612	58808	06009	3841/	07217	82818	88460	
Chivenor	707	72712	58018	05610	6527/	09215	82705	86615	87460
St. Mawgan	817	82512	59612	06408	2732/	07216	82708	88535	
Culdrose	809	72606	66058	06308	754//	06216	84710	87650	
Scilly	804	82007	48515	06609	863//	09212	88706		
Elmdon	534	80405	20046	04407	853//	06311	84708	88615	
Shawbury	414	70802	22042	04908	753//	06216	85706	85615	87640
Manchester	334	71002	32042	04508	754//	05314	87618		
Squires Gate	318	70910	30042	04508	755//	06311	85622	87630	
Valley	302	40000	26042	04009	45500	07214	81622	84645	
Ronaldsway	204	10607	58040	04808	15501	04309	81620		
Carlisle	222	80509	40052	06506	854//	04212	83715	88635	
Watnall	354	80702	17102	05306	863//	05215	88706		
Spurn Head	396	83408	16104	04805	862//	05209	88705		
Finningley	360	80203	23042	05607	862//	05312	83705	88707	
Dishforth	261	80108	08444	05905	862//	05210	88704		
Tynemouth	262	80108	13104	06305	861//	04206	88702		
Eskdalemuir	162	80704	40502	06703	870//	03310	88701		
Mull of Galloway	131	71110	63022	05706	755//	05210	87625		
Prestwick	135	81109	56042	05407	854//	04209	81716	85619	88627
Renfrew	141	81009	32052	06306	853//	03209	85709	88611	
Leuchars	171	80807	44052	07005	863//	03212	85706	88710	
Dyce	091	81103	23202	07604	862//	04210	81705	84709	88712
Wick	075	81406	40102	07605	854//	05209	86710	88620	
Cape Wrath	049	70000	74021	06007	756//	05209	87630		
Sule Skerry	010	81409	61022	06906	864//	02208	88715		
Lerwick	005	81516	64606	11103	853//	02209	81709	84618	88625
Stornoway	026	70000	66021	05807	757//	04207	87656		
Benbecula	022	71608	62042	05307	755//	05212	81620	85625	87640
Tiree	100	81411	56042	05207	856//	05307	81630	88650	
Aldergrove	917	80906	56042	05607	854//	05315	86612	88625	
Malin Head	980	81204	59102	04406	864//	06309	85718	88650	
Belmullet	976	32310	78031	03409	38531	08315	82822	83648	
Birr	965	70000	77032	04011	785//	06209	83821	87638	
Collinstown	969	80805	15106	04607	862//	06215	84705	88708	
Rineanna	962	72801	80012	03911	785//	08213	82823	87640	
Roches Point	952	22009	80018	04209	18502	05217	81820		
Valentia	953	52206	75022	04310	55530	07317	83625	85634	

OBSERVATIONS during DAY

Station	iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	04121	004	pr_0pr	pr_0t_1prpR
London Airport	772	02122	001	irr_0r_0	pr_0
Gatwick	776	94121	004	ir_0	pr_0
Thorney Island	871	01131	021	+	pr_0ir_0
Hurn	862	01131	///	ir_0rrpr_0	pr_0pr
Guernsey	894	01111	008	+	$ir_0r_0r_0$
Wattisham	590	00101	///	ff	+
Gorleston	497	95062	000	ff	FF
Mildenhall	578	00091	000	+	+
Cardington	559	97102	000	+	pr_0
West Raynham	485	97081	000	id_0f	ff
Wittering	462	00081	000	+	+
Boscombe Down	746	93121	006	$id_0ir_0pr_0$	+
Ross-on-Wye	627	01111	001	id_0ir	ir_0id_0
Bristol	628	00111	008	+	+
Aberporth	502	00101	001	ffFF	FFff
Rhoose (Cardiff)	715	97101	012	$d_0d_0ffid_0$	if
Plymouth	827	02101	026	pr_0pr	$pr_0r_0r_0$
Chivenor	707	92121	009	ir	pr_0ir_0
St. Mawgan	817	01111	004	+	$r_0r_0d_0$
Culdrose	809	01111	006	pr_0	$pr_0r_0r_0$
Scilly	804	03111	003	r_0r_0	$ir_0d_0d_0$
Elmdon	534	94081	000	d_0r_0	+
Shawbury	414	97091	000	d_0r_0	+
Manchester	334	00101	000	+	+
Squires Gate	318	00111	022	+	+
Valley	302	00131	019	+	+
Ronaldsway	204	00091	080	+	+
Carlisle	222	00071	000	+	+
Watnall	354	97071	000	id_0	+
Spurn Head	396	97051	000	FF	FF
Finningley	360	00071	000	ff	+
Dishforth	261	92061	000	ff	ff
Tynemouth	262	00051	000	ff	ff
Eskdalemuir	162	97045	000	$iffid_0ff$	id_0
Mull of Galloway	131	00080	///	/	/
Prestwick	135	00081	000	+	+
Renfrew	141	97061	000	id_0	+
Leuchars	171	97051	000	r_0r_0	id_0r_0
Dyce	091	97051	000	+	id_0
Wick	075	00061	002	+	+
Cape Wrath	049	00090	///	+	+
Sule Skerry	010	00060	///	/	/
Lerwick	005	94041	000	$r_0r_0ir_0$	$ir_0r_0r_0$
Stornoway	026	00090	023	+	+
Benbecula	022	00091	000	+	+
Tiree	100	00080	004	+	+
Aldergrove	917	00081	000	+	+
Malin Head	980	0008/	005	/	/
Belmullet	976	9712/	068	/	/
Birr	965	9712/	008	/	/
Collinstown	969	9408/	000	/	/
Rineanna	962	9713/	022	/	/
Roches Point	952	9111/	029	/	/
Valentia	953	0413/	022	/	/

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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10622	32512	72134	96268	81101	784//	00816	84818	87630	06154	12148	1##//
B	10565	51012	73125	97858	14855	72400	00212	87812	/////	06658	13349	1////
C	10527	35512	83640	97857	93503	874//	00210	88813	/////	05751	13648	1////
D	10440	41012	62918	98152	87611	23503	00220	82920	840//	05605	12556	1////
I	10589	19412	10000	98021	96609	18530	00203	81825	/////	05005	100/0	10543
J	10525	17312	71412	99026	96911	753//	00116	82708	87656	00111	11423	19333
K	10451	15412	82217	96516	13013	872//	51314	88705	/////	00113	12447	12755
M	13660	02012	51819	98022	11307	22604	00208	/////	/////	00001	11844	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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10623	32418	62336	96858	82251	694//	00118	86915	/////	06454	12238	17266
B	10565	51018	63215	97168	13554	62400	00607	86812	/////	06561	13249	1////
C	10527	35518	83645	95718	94503	3552/	00305	83620	88530	05853	13649	1////
D	10440	41018	83626	97808	92411	6246/	00324	86815	83358	05308	13524	13156
I	10590	19018	72107	98022	96810	12501	00201	81820	87075	00104	12021	149/2
J	10526	18118	32115	98031	98811	35701	61104	83650	/////	00210	12243	149/1
K	10449	16018	82222	96216	11113	874//	51708	88710	/////	00213	12447	12033
M	13660	02018	81814	97808	12206	6742/	00204	/////	/////	05203	11833	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

TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
23 MARCH 1964

Explan
of sy

CLO

Symbol

Sky

WEA

Symbol

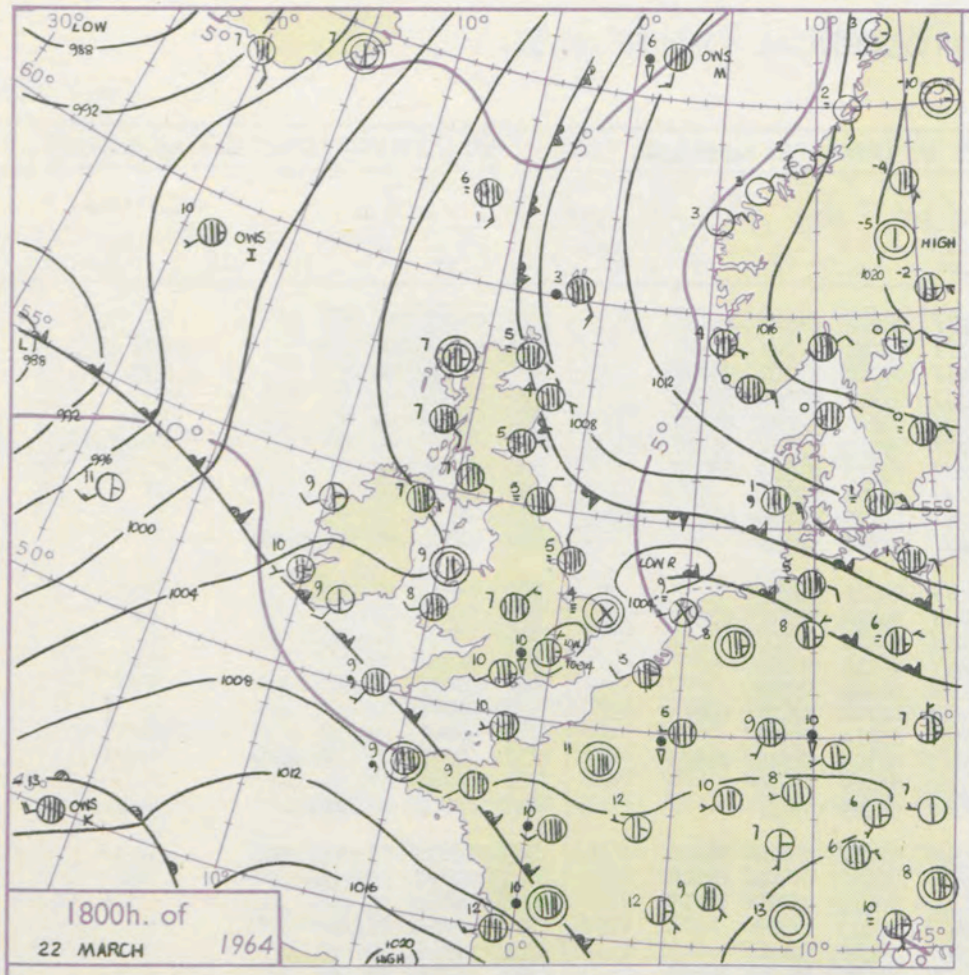
Miss
Fog
Driz
Rain
dr
Rain
Rain
Snow
Rain
Rain
sh
Snow
Hail
Thu

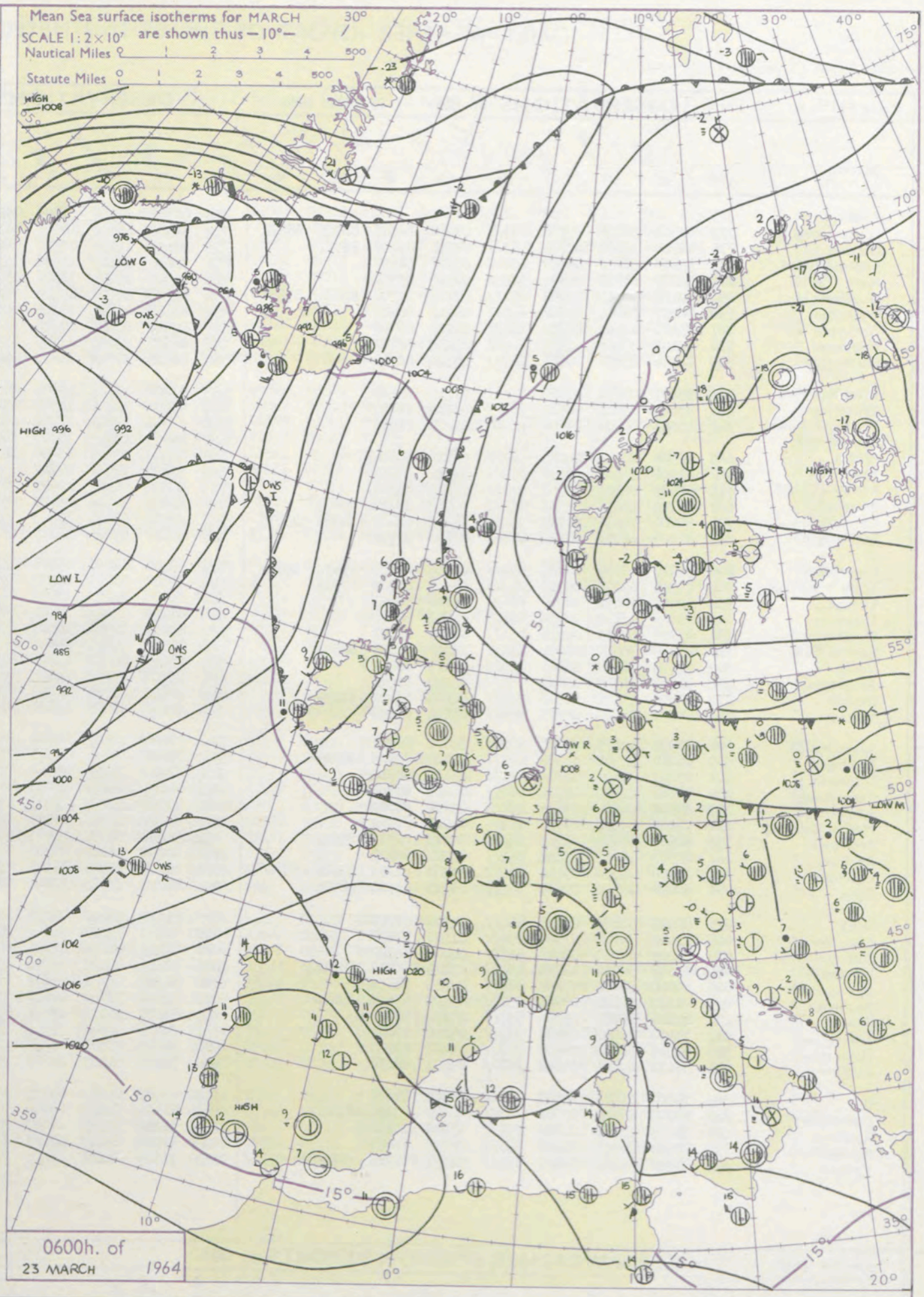
W

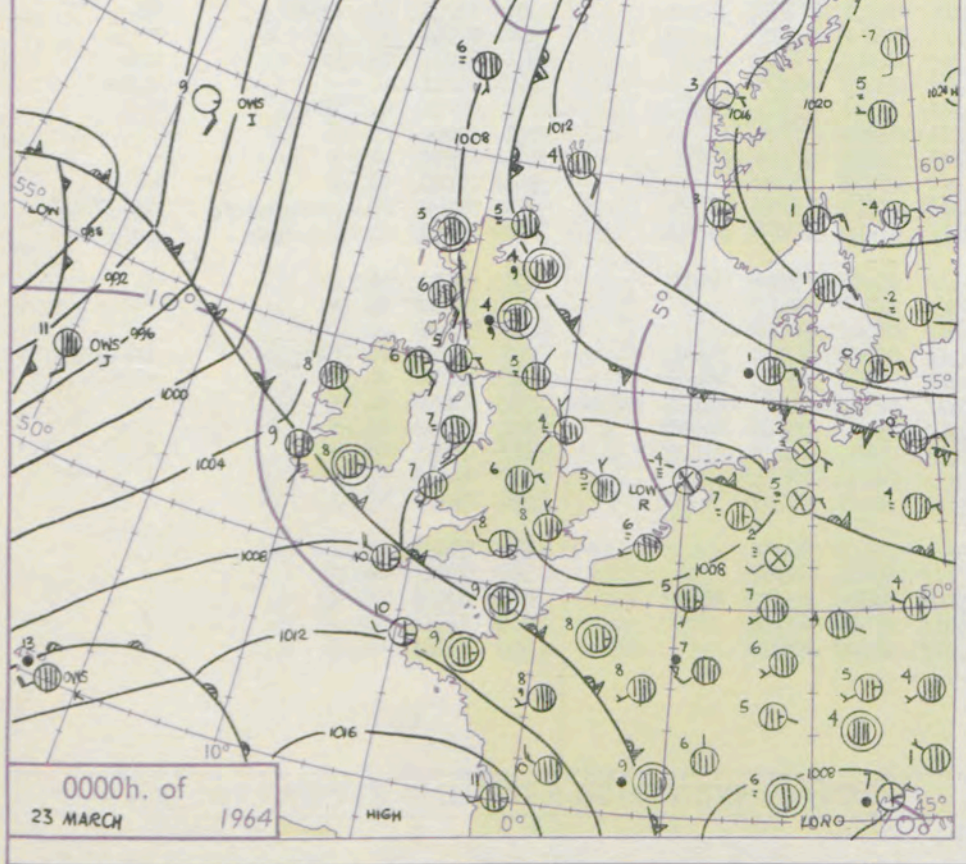
Symbol

For each
half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Monday 23 March** 1964

Pressure has remained high over Scandinavia whilst a series of Atlantic depressions moving northeast towards Iceland have kept pressure low to west of the British Isles. A rather complex frontal system is moving into southwestern districts of the British Isles and is expected to make slow progress eastwards.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Weather will be generally dull with outbreaks of rain or drizzle, although the Midlands and southeast will be mainly dry with some bright intervals. There will be fog patches night and morning in many districts, more particularly over high ground. Temperatures will be near normal in southwest England and west Wales, elsewhere it will remain cold.

OUTLOOK for following 24 hours

Little general change.

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

Code FM 11.A

OBSERVATIONS at 00h. 23 March 1964

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			08					
London Airport	772	83504	34048	07708	853//	07218	84707	86709	88624
Gatwick	776	82705	56108	07708	863//	07216	85707	88711	
Thorney Island	871	42903	58036	08607	45700	07319	84650		
Hurn	862	52709	66018	08608	50930	07212	85358		
Guernsey	894	82106	70216	10408	851//	07111	82702	84614	87617
Wattisham	590	80107	08464	07806	860//	06217	88701		
Gorleston	497	83403	16104	07605	864//	05208	88712		
Mildenhall	578	83507	37052	07905	864//	05214	88711		
Cardington	559	80104	23058	08006	863//	05314	88706		
West Raynham	485	93507	01454	07905	9////	05210	89/00		
Wittering	462	83605	37042	08705	863//	03114	88707		
Boscombe Down	746	43001	56101	08506	45600	05217	84640		
Ross-on-Wye									
Bristol	628	82508	26101	08006	863//	06114	88708		
Aberporth	502	81906	58022	07607	854//	07212	88617		
Rhoose (Cardiff)	715	92909	04431	08307	9////	07114	89/01		
Plymouth	827	81702	28618	08507	851//	07007	83702	88635	
Chivenor	707	60000	74016	08707	35632	06212	83631	84360	85075
St. Mawgan	817	81109	48216	08107	873//	07103	88708		
Culdrose	809	82710	40616	07709	852//	08304	83705	85612	88620
Scilly	804	72920	61015	08310	753//	09109	84709	87618	
Elmdon	534	80604	48022	08506	854//	05220	88611		
Shawbury	414	80000	13102	08406	864//	05214	88710		
Manchester	334	81703	40041	08406	855//	04216	88621		
Squires Gate	318	81108	30042	08006	854//	05215	85618	88638	
Valley	302	81810	16102	07407	854//	07213	88614		
Ronaldsway	204	70708	56041	07607	755//	05110	87626		
Carlisle	222	80606	56022	09105	855//	04204	86621	88626	
Watnall	354	80000	32102	08705	854//	05214	88618		
Spurn Head	396	83304	10105	07704	862//	04112	88704		
Finningley	360	80000	23502	08606	872//	05114	85705	88708	
Dishforth	261	83404	11204	08705	874//	04112	88710		
Tynemouth	262	80202	16102	08905	862//	04211	88704		
Eskdalemuir	162	80000	01465	09203	870//	03210	88701		
Mull of Galloway	131	70909	60022	08505	764//	04212	87714		
Prestwick	135	80907	56042	08405	854//	04213	82715	88620	
Renfrew	141	80703	50042	08605	855//	03207	88621		
Leuchars	171	80000	24586	09104	862//	03208	81704	83708	88716
Dyce	091	80000	19502	09904	862//	03210	85704	88706	
Wick	075	81411	58102	09005	864//	04306	88710		
Cape Wrath	049	71402	74032	07505	756//	01207	87630		
Sule Skerry	010	61209	66022	09006	665//	04400	86720		
Lerwick	005	81519	58026	12204	854//	03304	86710	88615	
Stornoway	026	80000	58022	07405	856//	05205	88634		
Benbecula	022	71512	58022	06506	755//	05103	85627	87640	
Tiree	100	81516	50042	06806	855//	05104	88629		
Aldergrove	917	71210	56042	07506	755//	05206	87622		
Malin Head	980	71913	56102	06607	757//	05308	87650		
Belmullet	976	81411	62284	04608	857//	07001	88650		
Birr	965	10000	66011	06907	15600	06109	81636		
Collinstown	969	70904	27102	07307	763//	06209	83709	87643	
Rineanna	962	71605	59101	06808	757//	07108	87650		
Roches Point	952	70000	80021	07808	756//	06215	87643		
Valentia	953	81708	80028	06409	854//	08102	81714	88635	

OBSERVATIONS at 06h. 23 March 1964

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	80305	50052	11107	855//	04222	87627	88635	
772	80506	48502	10907	863//	05221	86708	88709	
776	80406	12102	10807	862//	07320	82705	88707	
871	80000	48102	11207	853//	06215	86708	88612	
862	60000	37102	10906	6533/	06213	82708	86650	
894	82615	56206	11409	852//	09310	83704	86710	87620
590	83408	40024	11105	862//	03315	82705	88710	
497	93207	03472	10205	9////	05213	89/03		
578	80000	23102	11205	853//	04215	81706	84710	88618
559	80000	37042	11705	864//	04317	88712		
485	83206	13104	10704	862//	04211	88703		
462	80000	32042	11505	854//	04214	86710	88615	
746	83501	19101	11106	862//	06217	88703		
627	80905	13105	10307	862//	06115	88704		
628	80000	03424	10406	861//	06214	88702		
502	31807	74011	09707	15571	04108	81626	83075	
715	50305	F4461	10605	00901	05312	85075		
827	80703	58026	09609	854//	08305	81716	88625	
707	20905	59021	10403	15602	03208	81630		
817	92607	07475	10108	9////	08209	89///		
809	62908	60036	10008	65400	07211	83710	86620	
804	70000	56401	10509	752//	09106	87705	87628	
534	80000	28102	10805	854//	04215	83710	88620	
414	81103	15102	10706	864//	05313	88713		
334	80000	40041	10405	856//	02310	88630		
318	71109	24042	09905	755//	04210	84622	87635	
302	91810	04472	09407	9////	07211	89/01		
204	80807	11102	08906	862//	06306	88703		
222	80603	32052	10604	855//	04210	83627	88645	
354	80000	14205	10904	854//	04210	85710	88620	
396	82904	10102	10304	862//	04213	88704		
360	70000	48045	11005	754//	04212	87617		
261	73403	03465	10804	772//	04313	87704		
262	80105	24105	11005	863//	05209	88708		
162	80000	32054	11103	862//	02311	86704	88712	
131	81109	56022	09305	864//	04202	88710		
135	81007	58022	09205	854//	03206	82618	88625	
141	80902	56042	09505	855//	03204	88622		
171	80000	14106	10304	852//	03106	83704	88620	
091	80000	11516	10904	861//	04205	87702	88703	
075	81510	40052	09905	854//	04204	87710	88615	
049	70000	74022	08206	755//	02207	87625		
010	81413	66022	08906	864//	03203	88715		
005	81619	48602	12804	853//	03002	85708	88616	
026	81710	66032	07807	855//	04201	83625	88632	
022	81612	58042	06606	854//	06702	81718	85621	88630
100	81418	40042	07207	855//	05601	82620	88631	
917	71007	40042	07905	754//	04103	81618	87621	
980	71308	58101	06707	758//	04000	87657		
976	71915	61105	04309	763//	08501	87707		
965	61405	66011	07107	656//	05802	86632		
969	91405	01434	08206	9////	06205	89/01		
962	51309	66105	06407	35602	06705	83630	85070	
952	81006	80022	08208	862//	07400	88704		
953	71616	74606	05511	764//	08709	87710		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONVE TA °C
775	00061	06	+	+	40
772	91061	06	pr_o	id_o	39
776	97061	06	+	fid_o	38
871	00061	02	+	+	37
862	00051	02	+	+	36
894	02081	06	drf	$drd_or_oid_o$	35
590	00041	04	if	+	34
497	97042	04	ff	ff	33
578	00051	04	+	+	32
559	01052	05	$pr_or_or_o$	+	31
485	00041	04	FFff	if	30
462	97051	04	+	id_o	29
746	00051	01	+	if	28
627	91061	05	+	id_o	27
628	97051	02	+	iFff	26
502	00061	03	+	+	25
715	97041	02	ff	ffFF	24
827	02071	07	$r_or_od_od_o$	ir_o	23
707	00031	52	+	+	22
817	03071	07	id_orr	d_od_oif	21
809	02071	05	$r_or_oir_o$	ir_o	20
804	93071	//	id_o	id_o	19
534	00051	05	+	+	18
414	00061	05	+	+	17
334	00041	50	+	+	16
318	00031	51	+	+	15
302	00071	06	+	ff	14
204	00051	03	+	iFFF	13
222	00041	03	+	+	12
354	97041	03	+	id_off	11
396	97041	//	id_oif	ff	10
360	97051	04	id_o	+	9
261	97041	04	id_o	d_od_o	8
262	91041	04	:	d_od_o	7
162	00031	02	iFFFf	+	6
131	00040	//	/	/	5
135	00071	04	+	+	4
141	00051	04	+	+	3
171	97031	03	$ir_od_or_od_or_o$	$d_od_oir_oif$	2
091	92031	03	$id_oid_or_o$	d_od_o	1
075	00041	04	+	+	0
049	00040	03	+	+	−1
010	00050	04	/	/	−2
005	01031	02	$r_or_oir_o$	$ir_or_or_o$	−3
026	00050	04	+	+	−4
022	00060	04	+	+	−5
100	97060	05	+	ir_o	−6
917	00041	03	+	f	−7
980	00051	02	/	/	−8
976	97061	06	/	/	−9
965	97041	03	/	/	−10
969	97041	00	/	/	−11
962	97061	02	/	/	−12
952	97071	03	/	/	−13
953	97091	06	/	/	−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	20623	32700	62330	96858	83852	634//	51204	86918	/////	06755	12348	17254
B	20565	51000	53108	97268	13554	52400	00400	85815	/////	06660	13246	1////
C	20527	35500	83538	97267	00203	824//	00230	88818	/////	05854	18651	1////
D	20440	41000	63620	97808	05410	52460	00263	85815	/////	05505	13647	1////
I	20590	19200	11522	98021	94909	11530	00714	81820	/////	05205	11633	149/2
J	20526	18700	81722	97026	95611	854//	00728	88610	/////	00211	11733	12143
K	20449	16000	82220	96606	11113	774//	00805	87710	/////	00112	12034	12448
M	23660	02000	81916	97028	13806	874//	00208	/////	/////	05202	11934	1////

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	20621	32906	72225	97028	84353	734//	51701	87918	/////	06954	12425	17251
B												
C	20527	35506	83333	97852	05202	824//	00224	88820	/////	06054	13425	13658
D	20440	41006	63622	97258	12809	52439	00237	85815	/////	05605	13647	1////
I	20589	18806	51713	98016	91909	27321	00608	81709	84459	05008	11734	11435
J	20526	19406	81821	97606	91811	754//	61722	87613	/////	00211	11744	12153
K	20450	15806	82018	96606	08513	774//	00814	87709	/////	00112	12034	1////
M	23660	02006	81912	97808	15004	874//	00208	/////	/////	05301	11934	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37378 — Date of Issue Tuesday 24 March 1964

Code FM 11.A — OBSERVATIONS at 12h. 23 March 1964

ERSION BLE	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
°F										
104	Kew	775	80807	19052	13108	853//	06104	87708	88625	
102	London Airport	772	80705	32045	13408	863//	05109	83709	88713	
100	Gatwick	776	80804	13105	13407	863//	07108	83706	88707	
99	Thorney Island	871	82002	48052	13209	854//	07104	86711	88620	
97	Hurn	862	71505	64012	13010	6847/	07104	85814		
95	Guernsey	894	62410	56025	13310	5843/	09105	83810	85625	
93	Wattisham	590	82702	64012	13507	854//	04211	81710	88615	
91	Gorleston	497	80205	12104	13505	854//	05213	88615		
90	Mildenhall	578	80000	56052	13407	884//	04210	85812	88625	
88	Cardington	559	81302	56032	13208	885//	04207	85825	88635	
86	West Raynham	485	83203	48014	13406	852//	03210	85705	88616	
84	Wittering	462	71605	58015	13208	754//	04004	81710	87630	
82	Boscombe Down	746	71801	59054	13108	763//	06104	86708	87714	
81	Ross-on-Wye	627	82102	24052	12209	863//	06400	88708		
79	Bristol	628	81705	40054	12608	853//	05104	84706	88615	
77	Aberporth	502	31513	62011	10410	11532	03805	81820		
75	Rhoose (Cardiff)	715	91107	05432	12307	9////	07202	89/02		
73	Plymouth	827	81606	62602	12010	4842/	08001	81818	83630	88460
72	Chivenor	707	71708	74021	11812	48532	08000	83820	86075	
70	St. Mawgan	817	81612	56636	11109	6722/	09801	86705	88556	
68	Culdrose	809	81506	56026	11011	852//	10804	82703	85705	88650
66	Scilly	804	91714	04476	10110	9////	10708	89/00		
64	Elmdon	534	81706	48022	12708	884//	05108	84812	88620	
63	Shawbury	414	71309	44042	12109	754//	05103	87611		
61	Manchester	334	41709	37041	11610	48500	04002	81825	84650	
59	Squires Gate	318	71614	30042	11013	18501	07201	81822	87081	
57	Valley	302	61712	61041	10209	55202	08202	81705	85620	
55	Ronaldsway	204	81811	48024	10407	861//	07204	86702	88704	
54	Carlisle	222	81506	37052	11310	885//	05604	81825	84632	88640
52	Watnall	354	81503	28044	12908	854//	05106	87712	88620	
50	Spurn Head	396	80000	10104	12905	861//	05207	88702		
48	Finningley	360	71103	58022	13009	755//	04105	87620		
46	Dishforth	261	72005	32054	12408	753//	05104	84708	87620	
45	Tynemouth	262	81105	32102	12205	855//	05202	88620		
43	Eskdalemuir	162	80000	59052	11306	884//	03302	83818	86625	88632
41	Mull of Galloway	131	81112	32052	10106	863//	06203	88706		
39	Prestwick	135	81308	48042	09408	7543/	05100	85717	87635	
37	Renfrew	141	70705	20042	10307	755//	04803	83622	87635	
36	Leuchars	171	80908	32205	11105	862//	04801	82705	84709	88715
34	Dyce	091	81508	23055	12005	862//	04400	82703	87705	88707
32	Wick	075	81411	40522	10605	862//	04702	86704	88708	
30	Cape Wrath	049	80000	74022	07907	855//	04703	88625		
28	Sule Skerry	010	81413	66022	09406	864//	02701	88715		
27	Lerwick	005	81621	56616	13505	853//	03801	85707	88620	
25	Stornoway	026	61310	69022	07608	2563/	04606	82640	86360	
23	Benbecula	022	81525	59041	05507	854//	05811	82617	83625	88632
21	Tiree	100	81322	48046	06308	4642/	06709	84716	88525	
19	Aldergrove	917	81512	56014	07809	856//	07610	88635		
18	Malin Head	980	71617	56102	05210	4843/	07811	81818	84650	87359
16	Belmullet	976	81614	74216	02011	7647/	08717	85715	87635	88458
14	Birr	965	71313	70216	05910	754//	08617	83715	87633	
12	Collinstown	969	71616	78034	07710	3857/	06808	81822	83635	87460
10	Rineanna	962	81412	71616	04811	873//	09710	83707	86710	88718
9	Roches Point	952	91312	08516	06209	9////	09813	89/01		
7	Valentia	953	81712	32615	03312	863//	11812	88709		

OBSERVATIONS at 18h. 23 March 1964

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	71505	26052	12209	753//	07606	83707	87625	
772	71207	20046	11809	754//	07507	82711	87630	
776	71607	48052	12508	754//	06504	87615		
871	81105	32052	12508	861//	07510	84702	86704	88708
862	81507	40042	11608	852//	07507	84705	88625	
894	81611	02586	11008	860//	08617	88700		
590	81504	56022	12707	855//	05607	88625		
497	81406	12284	13804	864//	04103	88710		
578	80902	48052	12509	856//	05703	88630		
559	81306	37052	12109	855//	06506	84620	88640	
485	81608	48022	12807	853//	04602	87707	88620	
462	71307	48042	12408	755//	04504	83625	87635	
746	71407	62052	11309	784//	07608	82712	87622	
627	51406	57021	09610	52530	06610	84625		
628	71608	58052	09811	785//	08610	81820	86625	
502	71618	66606	06011	6747/	07718	83715	86635	
715	71611	74034	09208	754/1	06711	82715	85630	87640
827	81112	11536	08309	872//	09620	86703	88710	
707	71211	62605	07710	5547/	08819	82710	85622	87458
817	81418	28516	06809	871//	09723	85702	88704	
809	81808	02605	06510	860//	10728	88700		
804	91915	02604	05511	9////	11726	89/00		
534	71508	35042	11108	784/1	05709	86816	87622	
414	31307	50041	09309	10944	05612	81362	83080	
334	51508	28041	09309	30931	05613	83362		
318	71414	30042	08510	70972	06715	86363		
302	81507	74022	06410	4567/	07722	84640	88359	
204	70812	62012	06707	1527/	06822	81705	83358	87462
222	31206	37058	08609	28531	06715	81825		
354	71507	28042	11108	754//	05507	84615	87620	
396	81208	10104	12204	863//	04705	88706		
360	71508	40042	11608	755//	05606	82620	87628	
261	71309	32052	10807	764//	05608	87710		
262	81411	48052	10705	855//	04708	88620		
162	70000	58058	08707	58431	05712	84819	83638	
131	61810	60012	06707	655//	05720	86625		
135	71508	58042	07008	38441	05507	82812	85360	87070
141	71706	40042	07209	755//	06713	84623	87650	
171	71109	59052	09105	755//	04610	85620	87645	
091	81511	19502	10305	862//	04711	86703	88705	
075	71213	32055	08505	762//	04609	87705		
049	71608	74022	04809	756//	04715	87630		
010	81419	58022	06607	864//	02717	88715		
005	81622	48606	12105	853//	03605	86707	88615	
026	81409	61602	04509	8092/	05712	88458		
022	81530	48046	02008	854//	06715	86713	88635	
100	71424	58216	02907	55332	06615	82708	85628	87072
917	71512	66022	04308	5547/	06719	83710	85635	87460
980	81509	69606	01509	5857/	07515	81820	85650	88459
976	81710	58625	97710	6632/	09622	86707	88540	
965	81316	66606	00509	7747/	08726	85714	87631	88460
969	81512	59106	03408	6627/	07725	83703	84620	86650
962	81409	56616	99711	872//	10724	83705	86707	88709
952	91411	01516	00909	9////	09727	89/00		
953	81710	36636	98911	872//	10623	83704	88708	

OBSERVATIONS during DAY

iii	RRT	T_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	00091	000	+		+
772	97091	000	+		ir_0
776	00091	000	+		+
871	97111	016	+		id_0ff
862	97111	///	+		r
894	95121	008	id_0		d_0r_0ff1F
590	00081	///	+		+
497	97061	000	f		f
578	00091	000	+		+
559	00102	005	+		+
485	00071	000	+		+
462	00091	004	+		+
746	97111	007	+		id_01f
627	00121	012	+		+
628	00121	006	+		+
502	01122	050	+		ir_0rr
715	03121	024	ff1F		id_01Rir
827	03111	002	r_0r_0		$ddd_0r_0d_0r_0rr$
707	93141	037	+		id_0ir_0
817	04101	000	rr		d_0d_01f
809	01102	002	$ir_0id_0d_0d_0$		$dd1Fir_0r_0r_0rr$
804	03112	000	ffir		ffirrr
534	00091	001	+		+
414	00111	020	+		+
334	00101	033	+		+
318	00141	036	+		+
302	97121	024	+		ir_0
204	00081	001	1f		+
222	97120	021	pr_0		+
354	00091	000	+		+
396	00051	000	+		1f
360	00101	007	+		+
261	00101	006	+		+
262	00061	002	+		+
162	93091	001	pr_0		+
131	00071	///	/		/
135	00101	004	+		+
141	00091	000	+		+
171	97061	001	id_0		+
091	97051	000	d_0d_0		$id_0r_0id_0$
075	97061	003	id_0id		+
049	00090	///	+		+
010	00070	///	/		/
005	01051	000	$r_0r_0d_0r_0$		r_0r_0
026	97090	012	+		ir_0
022	97080	007	ir_0		+
100	97081	000	+		ir_0
917	92101	019	f		ir_0
980	9312/	008	/		/
976	0511/	001	/		/
965	0211/	011	/		/
969	9111/	019	/		/
962	0711/	002	/		/
952	0410/	000	/		/
953	1612/	000	/		/

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

O.W.S.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	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	33112	72323	97278	86253	794//	00208	87912	/////	06859	12335	12258
B	20565	51012	80108	97858	12653	52407	00400	85815	882//	06356	13044	1////
C	20527	35512	83232	97858	11301	884//	00232	86815	88630	06152	13234	13657
D	20440	41012	60418	98022	19310	52460	00130	85815	/////	05503	10447	1////
I	20589	18912	81308	96626	90709	3732/	00709	83709	88557	05009	11332	11434
J	20527	19712	41918	98036	91911	48400	61702	81816	83625	00110	12143	11752
K	20451	15712	42020	96035	07513	16442	00601	81710	83073	00213	12034	12446
M	23660	02012	61914	97018	16107	19530	00207	/////	/////	05101	11923	1////

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	32918	72327	97858	86452	794//	00813	87915	/////	06455	12435	12448
B	20565	51018	73520	97858	14953	72400	00217	87815	/////	06360	1////	1////
C	20527	35518	52130	97858	15003	52400	00217	85815	/////	05757	13137	1////
D	20440	41018	31215	98018	19510	21501	00605	82820	/////	05501	11122	10347
I	20590	19018	83325	97616	85608	873//	00511	84709	88712	05407	13333	12955
J	20525	20018	52114	98031	90611	49433	51707	81915	/////	00009	12243	11732
K	20452	15718	42224	96011	03213	41400	00721	84813	/////	00212	12036	12446
M	23660	02018	71718	97022	15506	75500	00705	/////	/////	05102	17723	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

CIVIL TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
23 MARCH 1964

Explanation of symbols

CLOUD

Symbol

Sky

WEATHER

Symbol

Mist

Fog

Driz

Rain

Rain d

Rain

Snow

Rain

Rain sl

Snow

Hail

Thu

WIND

Symbol

For each half-feat 5 knots

CHARTS OF WEATHER IN WEST EUROPE

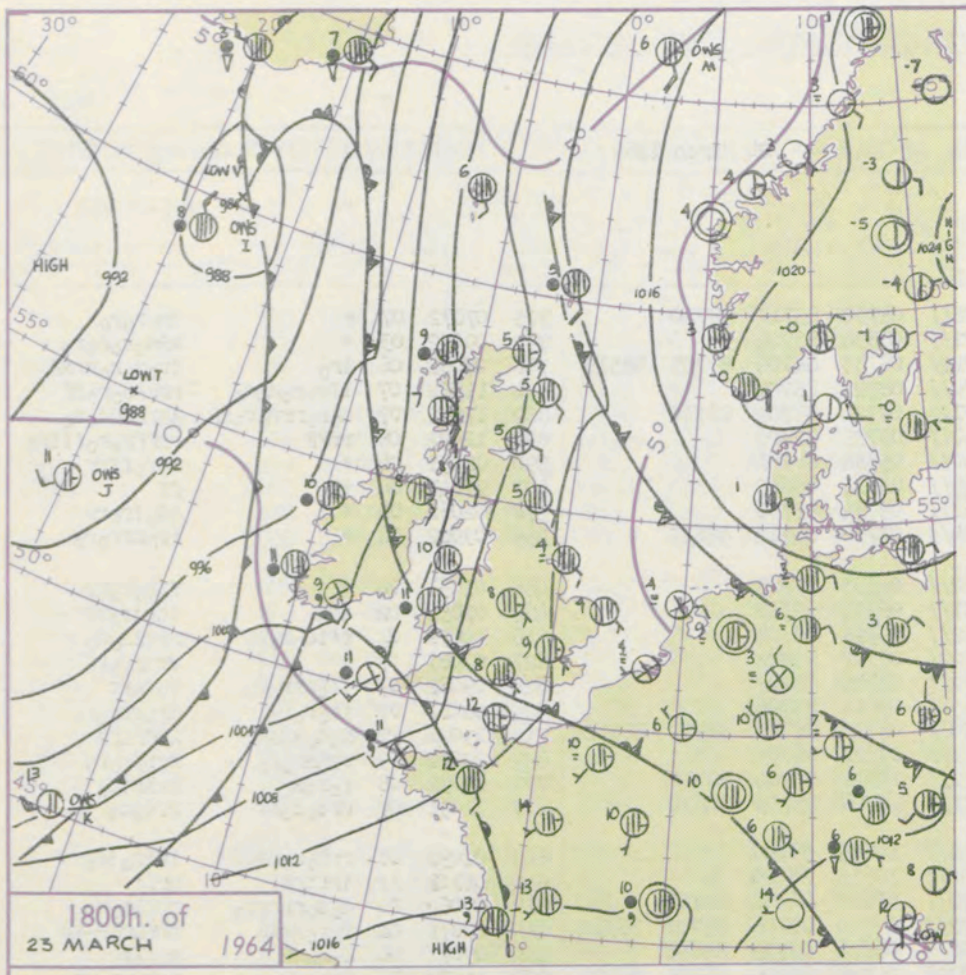
nation
mbols

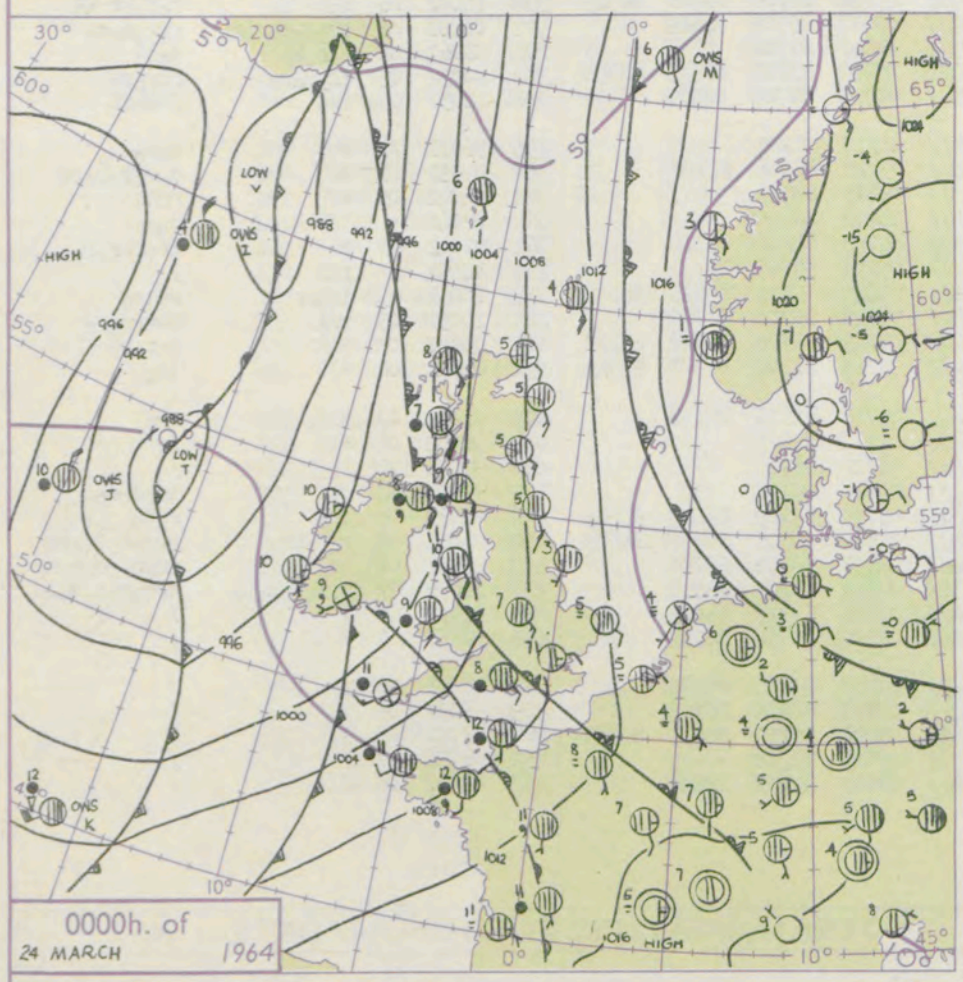
OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
obscured

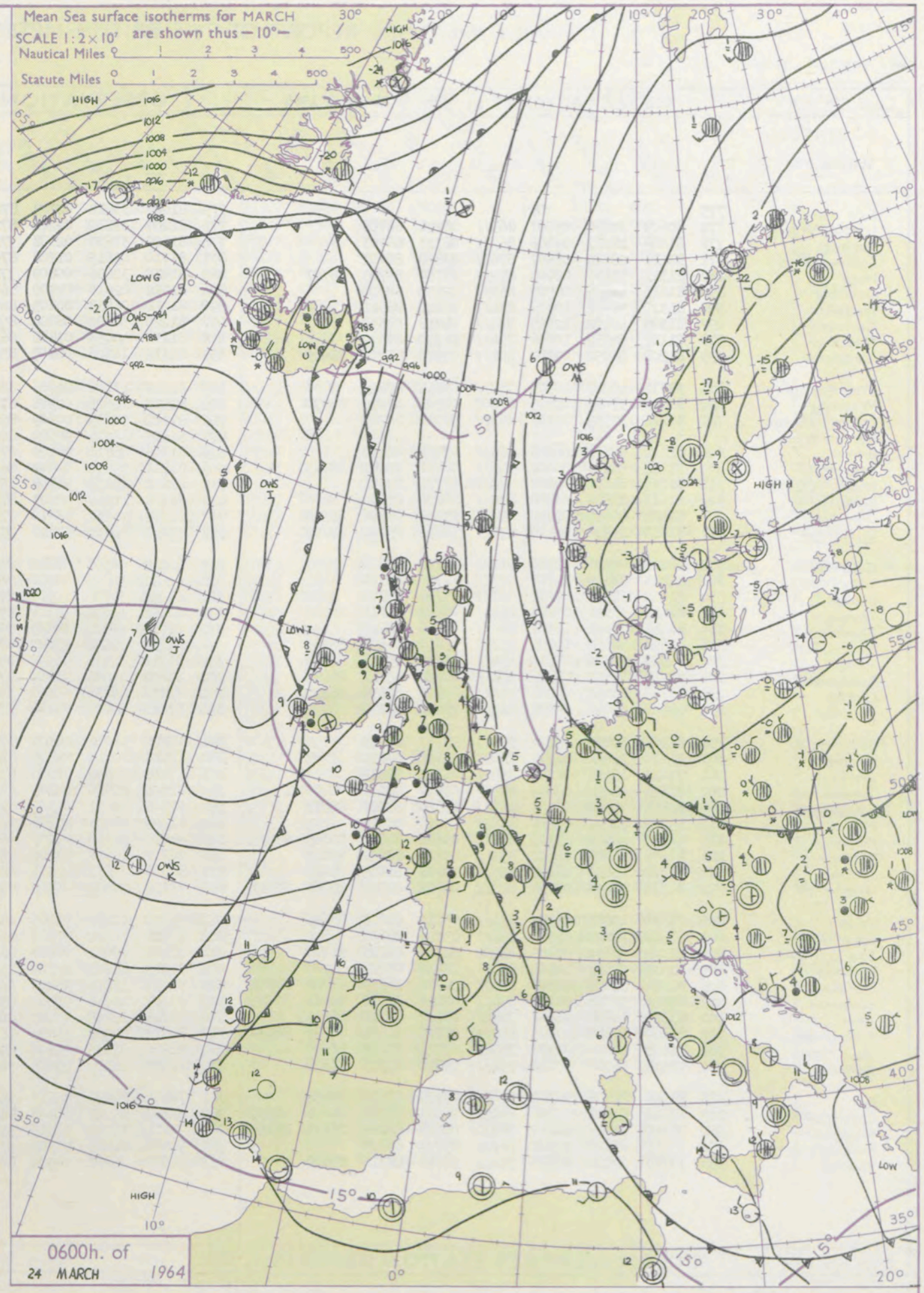
THER
Weather

zle
and
izzle
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 Tuesday 24 March 1964

A complex trough of low pressure over western and central parts of the British Isles is moving slowly eastwards and is expected to be near eastern coastal districts by tomorrow. A strong rise of pressure west of the British Isles will bring a fresh northerly airstream into western districts behind the trough.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The belt of rain now over much of Britain will be replaced by cloudy weather with only occasional rain. Tomorrow brighter, showery weather with sunny intervals will spread slowly from the west to reach western districts of Britain. It will become rather cold in the west.

OUTLOOK for the following 24 hours.

Brighter weather with showers and sunny periods will spread to all districts. Temperatures will fall generally and it will be cold with some night frost in places.

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

Code FM 11.A

OBSERVATIONS at 00h. 24 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			08					
London Airport	772	80609	39032	09007	863//	06724	88706		
Gatwick	776	81208	28212	09406	862//	06723	86703		
Thorney Island	871	81111	28504	08507	870//	07828	88701		
Hurn	862	81311	58636	06908	872//	07729	85703	88707	
Guernsey	894	81614	01636	06509	860//	09830	88700		
Wattisham	590	81310	50032	10805	854//	04820	88612		
Gorleston	497	81509	48102	12405	854//	04716	88618		
Mildenhall	578	71107	56052	10006	754//	04720	87619		
Cardington	559	81208	28052	09107	854//	05820	86714	88625	
West Raynham	485	71312	40022	10705	755//	04716	87624		
Wittering	462	81309	37042	09305	65407	04721	86619	88270	
Boscombe Down	746	81216	37504	07107	862//	07730	88703		
Ross-on-Wye									
Bristol	628	81314	58106	04908	863//	07736	88708		
Aberporth	502	81718	58616	00409	863//	08732	85707	88713	
Rhoose (Cardiff)	715	91210	09655	04007	9////	07732	89/00		
Plymouth	827	81615	23656	03010	872//	10730	88704		
Chivenor	707	81212	40636	02809	6732/	09728	86706	88540	
St. Mawgan	817	81812	19516	02110	870//	10726	85701	88702	
Culdrose	809	92209	05536	02110	9////	10722	89/00		
Scilly	804	92413	01606	01511	9////	11720	89/00		
Elmdon	534	81414	56022	07107	863//	05726	88708		
Shawbury	414	81413	37041	05208	864//	06729	88710		
Manchester	334	81414	37041	05507	864//	04826	88710		
Squires Gate	318	81321	40602	04208	3552/	05830	83620	88459	
Valley	302	81522	61506	00610	854//	08734	85614	88622	
Ronaldsway	204	81222	37612	01607	854//	06728	85711	88623	
Carlisle	222	81113	26051	05708	856//	04720	82635	88650	
Watnall	354	81610	48032	07806	863//	05821	88706		
Spurn Head	396	81904	32022	09203	864//	03717	88710		
Finningley	360	71210	39041	08306	756//	04821	87633		
Dishforth	261	71411	18101	08005	754//	04722	87615		
Tynemouth	262	81616	58022	08205	855//	03817	88625		
Eskdalemuir	162	80802	24052	05905	853//	03820	82708	88617	
Mull of Galloway	131	81722	60626	02206	874//	05720	88710		
Prestwick	135	81315	40602	02509	855//	05621	81620	84625	88645
Renfrew	141	80906	28216	04007	855//	05721	83622	88645	
Leuchars	171	81313	48052	06305	855//	04716	82625	88650	
Dyce	091	81514	37055	08105	862//	04714	81704	85706	88711
Wick	075	71412	40052	06305	752//	03710	82705	87625	
Cape Wrath	049	81610	74022	01307	856//	03726	88630		
Sule Skerry	010	61424	58012	03806	46406	04715	84715	86070	
Lerwick	005	81525	58022	10104	863//	03716	88707		
Stornoway	026	81214	61036	01308	4567/	04716	84639	84360	88462
Benbecula	022	81324	58616	98407	854//	06719	82710	86617	88625
Tiree	100	81329	48636	98407	3742/	07722	82710	88514	
Aldergrove	917	81420	48586	99108	862//	07725	81704	84705	88710
Malin Head	980	81623	62616	96908	3552/	07722	83628	88556	
Belmullet	976	72111	69206	95110	754//	09610	82719	87638	
Birr	965	81407	59606	96710	5742/	09719	85712	88458	
Collinstown	969	81522	59635	97808	6612/	08831	85702	86703	88535
Rineanna	962	71306	80026	96410	38532	09613	81823	83635	86359
Roches Point	952	92007	01516	97709	9////	09707	89/00		
Valentia	953	71707	69026	96510	754//	10711	85710	87640	

OBSERVATIONS at 06h. 24 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	81407	33612	02709	874//	08730	85712	88720	
London Airport	772	81207	32632	02208	872//	08634	88704		
Gatwick	776	81509	37632	02608	7722/	08733	84704	87705	88515
Thorney Island	871	81710	09615	01708	870//	08728	88701		
Hurn	862	81910	32656	00809	7712/	09721	87702	88510	
Guernsey	894	81912	02616	01909	860//	09721	88700		
Wattisham	590	81214	06462	04805	860//	05834	88701		
Gorleston	497	81220	56102	08304	855//	04712	88625		
Mildenhall	578	81114	40055	03806	863//	05732	88706		
Cardington	559	81112	11626	02207	854//	07734	84710	88635	
West Raynham	485	81219	17102	04705	862//	04733	88704		
Wittering	462	81213	12625	02906	871//	06732	88702		
Boscombe Down	746	81712	50635	00609	862//	09725	88704		
Ross-on-Wye	627	81205	48216	98609	8022/	08727	88504		
Bristol	628	81306	48616	98409	872//	09726	88705		
Aberporth	502	81811	59612	96809	863//	09618	88706		
Rhoose (Cardiff)	715	81107	02656	98108	850//	08723	82709	86705	88612
Plymouth	827	81008	11516	98309	872//	09721	88703		
Chivenor	707	81105	56216	98010	872//	10721	83704	88710	
St. Mawgan	817	71307	28636	97810	751//	10724	85702	87630	
Culdrose	809	82409	06586	98410	860//	10615	88700		
Scilly	804	82314	59026	97910	862//	10615	88704		
Elmdon	534	81411	37636	00607	872//	07628	86704	88707	
Shawbury	414	81008	48636	99107	852//	07730	82704	85707	86710
Manchester	334	81210	56632	00007	854//	06626	82715	88650	
Squires Gate	318	81316	37656	98607	6732/	07728	82706	86708	88515
Valley	302	81714	32516	96508	853//	08617	83706	88612	
Ronaldsway	204	81418	14516	96707	871//	07620	88702		
Carlisle	222	81111	48616	00007	7542/	05724	83718	86635	88458
Watnall	354	81211	09636	01706	872//	06729	86703	88705	
Spurn Head	396	81516	32022	04304	864//	03730	88715		
Finningley	360	81318	20615	02905	873//	05728	85706	88708	
Dishforth	261	81418	40632	02905	873//	05725	88709		
Tynemouth	262	81424	58616	03205	855//	04722	88620		
Eskdalemuir	162	81405	24612	00305	873//	04723	86706	88710	
Mull of Galloway	131	91722	F9606	95406	9////	05725	89/00		
Prestwick	135	81014	56216	97007	854//	05625	82712	85625	88640
Renfrew	141	80707	28616	98506	854//	05728	85713	88630	
Leuchars	171	81320	25632	01205	6722/	04725	81705	86707	88460
Dyce	091	81519	37052	03705	852//	03719	81704	86707	88615
Wick	075	81420	40052	02205	2542/	03718	81615	88458	
Cape Wrath	049	83618	74022	97306	855//	03722	88625		
Sule Skerry	010	81424	58022	00207	864//	04722	88715		
Lerwick	005	81522	48502	07105	863//	04716	88708		
Stornoway	026	81213	48616	96807	6532/	06719	83709	86625	88545
Benbecula	022	81427	48216	94407	853//	05712	84706	86710	88625
Tiree	100	81323	26536	95007	862//	06811	86704	88706	
Aldergrove	917	81510	40586	94808	7632/	07612	87707	88518	
Malin Head	980	81712	61636	94608	854//	07606	83715	88640	
Belmullet	976	82107	48102	93808	862//	08606	86704	88712	
Birr	965	71802	74026	94610	3567/	09707	83632	87460	
Collinstown	969	82607	69026	94909	862//	09707	83703	88704	
Rineanna	962	71004	74258	94509	5643/	09606	82710	85635	87358
Roches Point	952	91606	01605	95309	9////	09613	89/00		
Valentia	953	81807	66206	94509	854//	08607	82712	88633	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONVE TA °C t
Kew	775	07072	07	≠	$ir_or_or_o$	40
London Airport	772	09072	03	+	$RRd_or_od_or_o$	39
Gatwick	776	07062	06	ir_o	$ir_od_or_orrRR$	38
Thorney Island	871	11072	07	$ffr_or_od_od_o$	$rrRRd_or_off$	37
Hurn	862	17082	07	$d_or_orrr_or_oRR$	$RRrrddd_od_o$	36
Guernsey	894	12092	08	rrFF	$rrFFr_or_offir_o$	35
Wattisham	590	02051	04	+	r_or_offrr	34
Gorleston	497	97041	04	+	ff	33
Mildenhall	578	02061	04	+	id_oir_orr	32
Cardington	559	09062	04	+	$ir_orrr_or_o$	31
West Raynham	485	01051	04	+	ffr_or_orr	30
Wittering	462	07051	02	id_o	id_oir_orr	29
Boscombe Down	746	10071	07	$ffid_or_or_o$	$rrRRd_od_o$	28
Ross-on-Wye	627	07081	07	+	$rrirr_or_o$	27
Bristol	628	09082	07	$ir_orrr_or_o$	r_or_orr	26
Aberporth	502	06081	07	$ir_or_or_o$	$ir_orrr_or_o$	25
Rhoose (Cardiff)	715	19071	07	d_od_oRRff	RRFFdrdr	24
Plymouth	827	22092	09	$rrRRr_or_o$	$rrfr_or_o$	23
Chivenor	707	09091	08	r_or_oRR	$rrRRid_o$	22
St. Mawgan	817	11091	09	rrd_od_off	rrd_od_o	21
Culdrose	809	02092	08	rrr_or_oddif	$ifir_oid_o$	20
Scilly	804	05101	//	irffrr	rrff	19
Elmdon	534	09062	04	$d_od_orrr_or_o$	$rrRRd_or_o$	18
Shawbury	414	07071	04	r_or_orrRR	$rrRRr_or_oir$	17
Manchester	334	09071	06	d_or_o	r_or_orr	16
Squires Gate	318	14072	06	d_or_o	r_or_orr RR	15
Valley	302	01081	08	$ir_od_od_or_or_o$	$r_or_od_od_o$	14
Ronaldsway	204	08061	06	d_or_oRR	d_od_o	13
Carlisle	222	10072	05	$ir_or_or_o$	rrr_or_o	12
Watnall	354	11052	03	ir_o	rrRRff	11
Spurn Head	396	96031	//	+	r_or_o	10
Finningley	360	02051	01	+	$d_od_or_or_orr$	9
Dishforth	261	04041	03	+	rrRR	8
Tynemouth	262	02042	+		r_or_o	7
Eskdalemuir	162	09042	03	+	$ir_orrr_or_o$	6
Mull of Galloway	131	10051	//	/	/	5
Prestwick	135	10061	05	ir_orr	$rrir_o$	4
Renfrew	141	10052	05	ir_o	$RRrrr_or_o$	3
Leuchars	171	03041	03	+	rrr_or_o	2
Dyce	091	01041	04	+	ir_o	1
Wick	075	91051	03	+	ir_o	0
Cape Wrath	049	96052	04	+	pr	— 1
Sule Skerry	010	97051	04	/	/	— 2
Lerwick	005	97041	03	+	$id_od_od_o$	— 3
Stornoway	026	02071	06	ir_o	r_or_o	— 4
Benbecula	022	04061	05	r_or_orr	$rrr_or_oid_or_o$	— 5
Tiree	100	12061	06	ir_orr	$drdrd_od_or_or_o$	— 6
Aldergrove	917	11072	07	$rrr_or_od_od_o$	$drd_or_od_od_of$	— 7
Malin Head	980	12071	07	/	/	— 8
Belmullet	976	02081	07	/	/	— 9
Birr	965	08091	06	/	/	—10
Collinstown	969	08071	06	/	/	—11
Rineanna	962	07081	05	/	/	—12
Roches Point	952	08091	09	/	/	—13
Valentia	953	07092	08	/	/	—14
						—15
						—16
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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	$N_hC_hC_MC_H$	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	30621	32700	42330	98028	85953	49400	00804	84918	/////	06857	12338	17440
B	30565	51000	23210	98268	18854	22400	00120	82812	/////	06559	13234	1////
C	30527	35500	72518	98858	18503	72500	00219	87820	/////	05754	12523	1////
D	30440	41000	81216	98021	17811	21507	00721	82820	882//	05304	11232	30245
I	30589	18900	83332	97636	90404	5742/	71327	85710	/////	06003	13348	1////
J	30524	20000	83522	96616	93610	854//	00217	88615	/////	05209	13243	12033
K	30454	15600	82428	96808	01812	835//	00805	86820	81920	05110	12456	12035
M	33660	02000	81712	97026	15306	874//	00400	/////	/////	05004	117/2	1////

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	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	30621	32906	72827	98268	86052	794//	51501	87915	/////	06755	12538	17440
B												
C	30527	35506	52319	97268	18104	52500	00400	85820	/////	05651	12323	13134
D	30440	41006	81436	96612	09211	8052/	00758	88530	/////	05409	11459	1////
I	30588	18706	83137	97806	95805	784//	00330	84818	86640	05902	13149	1////
J	30525	20106	73342	97258	04507	784//	71360	81813	85620	05804	13447	12035
K	30452	15906	42820	97028	02512	48500	51311	84820	/////	05110	100/0	12457
M	33660	02006	61614	98031	14006	68500	00706	/////	/////	05102	11623	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37379

Date of Issue Wednesday 25 March 1964

Code FM 11.A — OBSERVATIONS at 12h. 24 March 1964

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	82112	62605	98911	6532/	09513	81706	86618	88525
London Airport	772	82016	62516	98411	853//	10513	81707	85709	88615
Gatwick	776	82116	40596	00010	872//	10506	86705	88706	
Thorney Island	871	82207	61604	00310	872//	09302	87704	88710	
Hurn	862	82216	58626	99511	872//	09004	83703	87705	88708
Guernsey	894	72116	80216	01710	7817/	09107	81702	84818	86630
Wattisham	590	81415	30614	99808	871//	08726	85702	88703	
Gorleston	497	81524	08636	11605	8052/	05724	88520		
Mildenhall	578	81211	56612	98709	6722/	09730	86705	88515	
Cardington	559	81407	50616	97511	6732/	10723	81707	86710	88535
West Raynham	485	81318	40634	99207	872//	07727	87703	88706	
Wittering	462	81311	26616	97909	871//	09721	86702	88703	
Boscombe Down	746	82216	78026	98811	863//	09501	86706	88710	
Ross-on-Wye	627	82213	57606	95811	5742/	10608	85710	88558	
Bristol	628	82210	56636	97111	6732/	10000	86707	88535	
Aberporth	502	82417	59636	95709	4722/	08502	81705	84710	88525
Rhoose (Cardiff)	715	82616	03615	97809	860//	09303	84700	88702	
Plymouth	827	72011	37026	98810	752//	10005	84703	87620	
Chivenor	707	72411	74026	98012	783//	09304	81708	83812	87630
St. Mawgan	817	62415	59015	98712	5713/	10104	81702	84706	85360
Culdrose	809	82410	50106	98911	852//	11210	82703	85706	88620
Scilly	804	42313	56026	99111	38302	11205	82707	83820	
Elmdon	534	81608	44636	96110	872//	09722	83703	87704	
Shawbury	414	81702	26636	95609	7722/	09618	85704	86708	88510
Manchester	334	81305	26592	96209	873//	07822	88708		
Squires Gate	318	81313	24636	95709	872//	08716	82704	86705	88708
Valley	302	81906	32616	94908	861//	08808	83701	88704	
Ronaldsway	204	91311	04515	95207	9////	07707	89/00		
Carlisle	222	81210	66616	97408	6547/	06717	82718	84630	86640
Watnall	354	81209	07636	96308	872//	08727	88703		
Spurn Head	396	81221	12636	98404	6632/	04732	86708	88558	
Finningley	360	81215	26616	97407	872//	07726	85704	88706	
Dishforth	261	81311	22596	98106	870//	05725	87701	88703	
Tynemouth	262	81329	32616	98905	873//	04722	88708		
Eskdalemuir	162	81304	66586	97406	874//	05713	88712		
Mull of Galloway	131	91812	F9454	95306	9/0//	06203	89/00		
Prestwick	135	81510	56206	95509	7542/	06705	81712	85615	87630
Renfrew	141	80706	11516	96307	852//	06708	83705	86710	88615
Leuchars	171	81421	50636	98305	6722/	05712	86705	88515	
Dyce	091	81423	32636	00705	872//	04714	82703	85704	88706
Wick	075	81618	48636	99605	862//	03717	82704	86706	88710
Cape Wrath	049	81422	58022	95206	865//	05707	88725		
Sule Skerry	010	81430	48026	97606	864//	05712	88710		
Lerwick	005	81626	37505	04505	862//	04712	85705	88710	
Stornoway	026	81610	56616	95807	853//	06804	82707	85610	88627
Benbecula	022	81617	56016	91607	853//	06101	83707	86710	88614
Tiree	100	81316	56216	95007	852//	07201	83704	86707	88615
Aldergrove	917	82706	48506	95309	862//	08103	86703	88707	
Malin Head	980	82709	56106	95410	862//	09107	86702	88710	
Belmullet	976	73010	62102	96211	764//	09213	84712	87640	
Birr	965	82608	74216	95710	864//	08006	86716	88636	
Collinstown	969	82505	18616	94911	863//	10801	83707	87711	88620
Rineanna	962	82509	74606	96110	884//	08209	82712	84818	88633
Roches Point	952	72315	80156	95713	73572	08001	87920		
Valentia	953	62709	74026	97212	68500	09215	84820	86632	

OBSERVATIONS at 18h. 24 March 1964

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	72112	74018	98711	38472	08309	81818	83635	85078
London Airport	772	42109	62016	98411	28532	08305	81820	83075	
Gatwick	776	62210	59026	99310	66400	09302	84711	84650	
Thorney Island	871	72308	58058	99910	763//	09302	86707	83635	
Hurn	862	72309	58038	99410	784//	09500	81812	87614	
Guernsey	894	22513	56051	01709	15742	09301	81650		
Wattisham	590	71910	60026	98010	6147/	09501	86812	84360	
Gorleston	497	71615	56106	98505	755//	05605	87625		
Mildenhall	578	72016	74026	97112	5557/	08500	85622	87458	
Cardington	559	62215	74018	97011	49433	08304	81815	83925	
West Raynham	485	71816	62256	96511	783//	09505	83708	85812	86630
Wittering	462	82210	69616	95810	5742/	09500	83812	84818	88458
Boscombe Down	746	12406	74016	98610	18501	07303	81820		
Ross-on-Wye	627	52307	60021	96711	43601	07310	81930	82830	
Bristol	628	72510	59036	97810	785//	07305	82820	86625	
Aberporth	502	82416	40636	96509	7702/	08211	83700	87710	88556
Rhoose (Cardiff)	715	42715	56016	98309	48341	08307	82705	84070	
Plymouth	827	72212	32102	99309	783/1	09303	85706	83818	
Chivenor	707	72512	66032	99110	784//	08309	86712	86620	
St. Mawgan	817	72513	58032	99410	6823/	09306	82703	85705	
Culdrose	809	72508	50058	99310	682/2	09302	82704	84630	
Scilly	804	72812	63032	98910	784//	09602	82814	86622	
Elmdon	534	72111	32256	95610	6847/	07307	81715	83822	85635
Shawbury	414	82212	61606	94909	5542/	08309	81712	85615	88459
Manchester	334	82909	23636	95409	872//	08301	84704	88706	
Squires Gate	318	92708	02616	93907	9////	07501	89/01		
Valley	302	82514	48616	95008	851//	08306	81701	85705	88620
Ronaldsway	204	82706	19636	94607	851//	07301	82702	83706	87712
Carlisle	222	80106	48616	95107	7542/	06602	81717	85632	87650
Watnall	354	72513	56258	94709	784//	07302	82710	83815	87630
Spurn Head	396	81521	20606	93805	6642/	05711	86705	88558	
Finningley	360	71907	32106	93610	754//	09505	85710	86645	
Dishforth	261	80705	11615	94007	872//	06612	88703		
Tynemouth	262	81417	32636	95105	5732/	05613	85706	88520	
Eskdalemuir	162	80301	56616	95005	8541/	05707	85712	88630	
Mull of Galloway	131	90505	F5636	95105	9/0//	05203	89/00		
Prestwick	135	83607	15616	95108	852//	07205	81704	86705	88614
Renfrew	141	80304	15585	95607	862//	06502	83704	86706	87708
Leuchars	171	81009	32636	96005	872//	05608	83703	86705	88707
Dyce	091	81414	28636	98805	871//	05606	81702	86704	88706
Wick	075	81510	48616	97505	863//	04807	83706	88708	
Cape Wrath	049	81402	81026	95407	864//	05400	88715		
Sule Skerry	010	81624	61808	96407	864//	04703	88710		
Lerwick	005	81529	32636	01805	872//	04609	85704	88707	
Stornoway	026	81609	56506	95807	853//	07303	86709	88618	
Benbecula	022	72608	48106	95709	7531/	08312	81706	84711	87635
Tiree	100	72802	20286	95909	751//	09309	86702	87618	
Aldergrove	917	83411	66216	95510	853//	08305	83706	84622	88635
Malin Head	980	72913	62102	97109	56231	08213	84704	85640	86362
Belmullet	976	73327	62505	02007	764//	05345	85711	87720	
Birr	965	83308	66608	98609	874//	07226	85717	88631	
Collinstown	969	72905	66216	96111	5877/	09213	82715	85825	87458
Rineanna	962	73116	69256	99610	784//	08226	81712	83818	85630
Roches Point	952	73118	62818	98909	734//	09319	87918		
Valentia	953	73432	59806	02509	734//	07340	83812	87920	84920

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	01121	007	$RRr_or_od_od_opr_o$	pr_o
London Airport	772	93121	007	RRd_od_o	+
Gatwick	776	02111	003	$RRrrdrd_od_o$	ir_o
Thorney Island	871	96111	004	$d_or_od_or_oir_opr$	ir_o
Hurn	862	01111	///	$dddrirr_or_o$	pr_o
Guernsey	894	01121	050	ir_orr	+
Wattisham	590	08112	///	rrr_or_off	+
Gorleston	497	07071	000	frr	frr
Mildenhall	578	07131	001	rrr_or_o	+
Cardington	559	04132	001	rr	pr_o
West Raynham	485	09111	000	rrRRdrdr	ir_opr_oir
Wittering	462	08121	000	$RRr_or_od_od_o$	$ir_oid_orrr_or_o$
Boscombe Down	746	96121	007	$d_od_orrd_or_o$	+
Ross-on-Wye	627	05121	005	$r_or_oirir_o$	pr_o
Bristol	628	05111	011	r_or_orrRR	+
Aberporth	502	11122	010	$r_or_orrRRir_o$	rr
Rhoose (Cardiff)	715	05112	007	$rrffr_or_oRR$	+
Plymouth	827	94111	001	$r_or_offid_o$	pr_o
Chivenor	707	01131	029	$rrid_o$	+
St. Mawgan	817	91131	053	d_od_o	+
Culdrose	809	97110	008	pr_o	+
Scilly	804	00131	061	+	+
Elmdon	534	06122	003	$d_or_oRRd_od_oir_o$	ir_opr_o
Shawbury	414	09111	000	$r_or_oRRdrdr$	r_or_o
Manchester	334	14102	000	driRrr	r_or_orr
Squires Gate	318	14092	000	RRr_or_off	r_or_oFFRR
Valley	302	24092	000	$ir_orrr_or_o$	r_or_orr
Ronaldsway	204	14081	000	d_od_odrRR	RRdr
Carlisle	222	06092	000	rrr_or_o	$r_or_orrd_or_o$
Watnall	354	11111	000	$r_or_oRRdrff$	ir_opr
Spurn Head	396	03081	000	r_or_orr	$rrir_or_or_o$
Finningley	360	10111	000	r_or_oRRrr	$rrd_or_oir_orr$
Dishforth	261	07071	000	$rrdrr_or_o$	$rrr_or_oir_off$
Tynemouth	262	06052	000	r_or_orr	$rrd_od_oid_o$
Eskdalemuir	162	08062	000	$rrdrd_or_oir_o$	r_or_o
Mull of Galloway	131	07071	///	/	/
Prestwick	135	03102	000	id_or_o	r_or_o
Renfrew	141	04072	000	rrd_od_o	$d_or_or_or_o$
Leuchars	171	13062	000	r_or_orr	r_or_orr
Dyce	091	29052	000	r_or_orr	rr
Wick	075	09052	000	rr	rr
Cape Wrath	049	02081	///	ir_o	ir_opr_o
Sule Skerry	010	02071	///	/	/
Lerwick	005	08062	000	$id_or_or_orr$	RRrr
Stornoway	026	04091	000	$ir_or_or_orr$	id_oir_o
Benbecula	022	01091	000	$ir_oid_or_o$	ir_opr_o
Tiree	100	01091	000	$drdrr_or_od_od_o$	d_od_off
Aldergrove	917	94101	000	$fid_od_od_or_or_o$	ir_o
Malin Head	980	0111/	008	/	/
Belmullet	976	9712/	002	/	/
Birr	965	1312/	005	/	/
Collinstown	969	1011/	000	/	/
Rineanna	962	0311/	002	/	/
Roches Point	952	0213/	024	/	/
Valentia	953	0312/	024	/	/

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	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30621	32612	72725	96858	89553	794//	00215	87918	/////	06856	12736	17641
B	30565	51012	53218	98168	20353	52400	00500	85815	/////	06362	13235	1////
C	30527	35512	82616	98028	19005	886//	00400	86841	/////	05300	12623	12936
D	30440	41012	81540	95616	01313	6742/	00732	86710	88530	00112	16561	1////
I	30588	18512	52827	97878	00904	49402	33221	84915	/////	06053	12848	14918
J	30526	20412	53127	97028	13707	58400	81241	83816	83630	05701	18441	13053
K	30451	15812	73235	97028	10411	79500	00241	86820	82920	05208	13248	12746
M	33660	02012	51618	98022	13007	52500	00606	/////	/////	00001	11634	1////

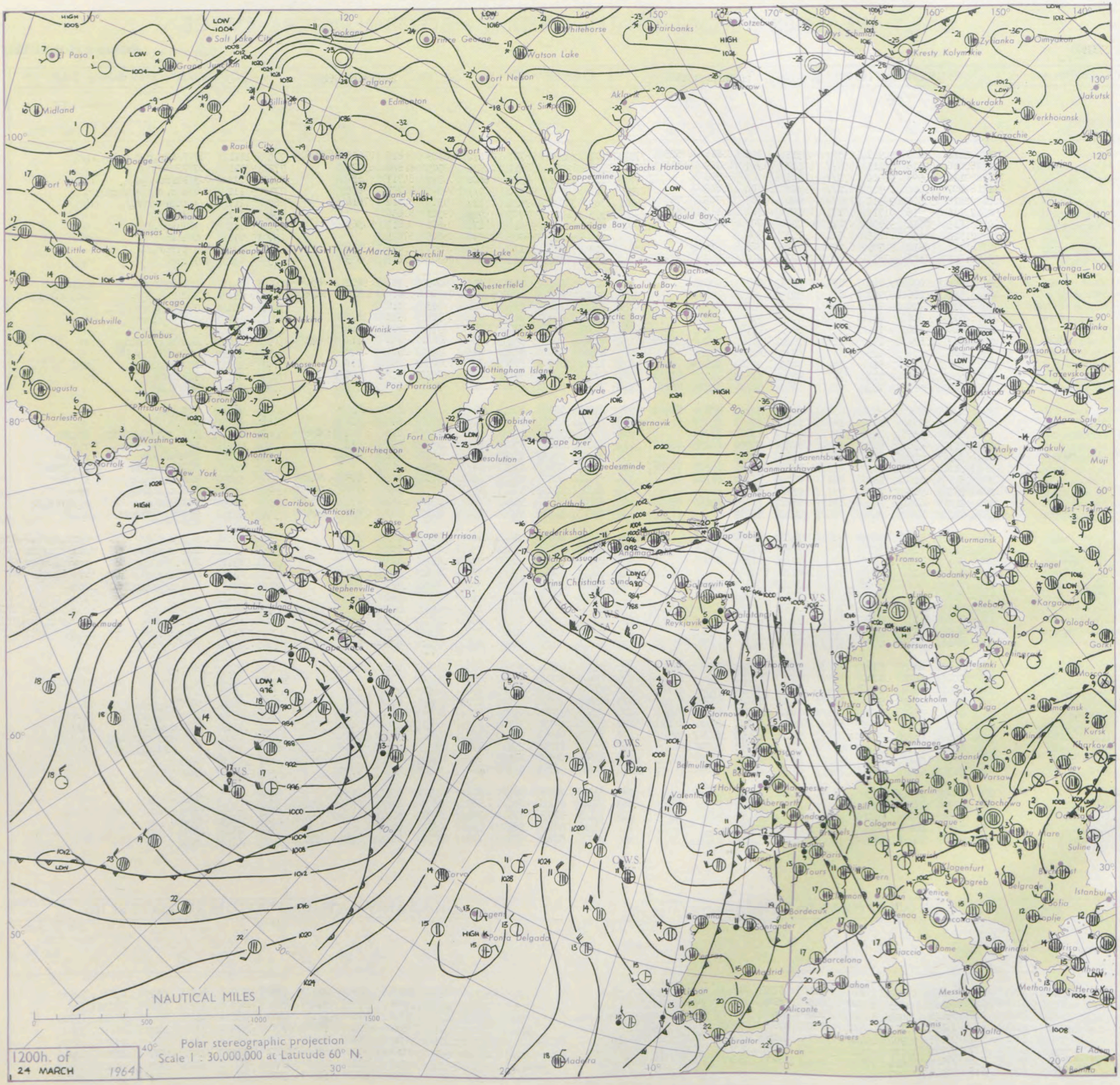
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30622	32318	62822	97268	92653	634//	00220	82918	84818	06959	12735	12769
B	30565	51018	62817	98268	15953	62470	00727	86808	/////	06260	13235	1////
C	30527	35518	83004	98216	17904	57521	00710	85725	88457	05500	12722	13035
D	30440	41018	71725	97806	96215	72500	00722	87820	/////	00413	16750	1////
I	30583	16718	32612	97158	03705	39400	33211	83915	/////	05950	12632	14916
J	30527	20418	62920	97018	17207	68440	71315	85815	/////	05703	12848	13446
K	30452	15918	63436	97028	18211	63500	00248	84920	83640	05207	18342	12848
M	33660	02018	71622	97022	10406	46570	00706	/////	/////	05101	11656	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

1800h. of 24 MARCH 1964

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

SCALE 1:2×10⁷

Nautical Miles 0 1 2 3 4

Statute Miles 0 1 2 3 500

0000h. of 25 MARCH 1964

0600h. of 25 MARCH 1964

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 25 March 1964

The depression over the North Sea has moved east across the British Isles while associated troughs of low pressure have affected all areas. During the next 24 hours the low is expected to move slowly northeast and fill while a ridge of high pressure moves across the British Isles from the west. A further trough following the ridge may reach western districts towards the end of the period.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Rain at first in northeast England and eastern Scotland will soon die out and all parts of the British Isles will have sunny periods and showers. An area of rain from the Atlantic may reach western districts later in the period. It will be generally rather cold.

OUTLOOK for following 24 hours.

Some rain in the north and west but mainly dry in the south and east. Temperatures near normal.

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

Code FM 11.A

OBSERVATIONS at 00h. 25 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			08					
London Airport	772	32009	56031	00007	35600	07206	83635		
Gatwick	776	72208	61021	00708	763//	07104	81707	83708	87709
Thorney Island	871	82514	48052	01608	862//	08207	86705	88711	
Hurn	862	72508	62032	00909	762//	08206	82703	87705	
Guernsey	894	82408	19401	03308	860//	08209	83700	88701	
Wattisham	590	52009	28101	99707	56300	07210	85707		
Gorleston	497	31909	58101	99306	32500	06207	83825		
Mildenhall	578	01809	66021	98707	00900	06207			
Cardington	559	12012	62031	98308	15400	06204	81615		
West Raynham	485	11913	58016	98207	10940	06106	81365		
Wittering	462	61914	74036	97407	656//	06106	86645		
Boscombe Down	746	72208	50101	00807	754//	06210	84616	87630	
Ross-on-Wye									
Bristol	628	82313	58616	99509	873//	08208	88708		
Aberporth	502	92913	06436	00607	9////	07226	89/01		
Rhoose (Cardiff)	715	82715	40601	00308	862//	07312	84703	88707	
Plymouth	827	42708	61018	01709	48400	08111	83812		
Chivenor	707	72814	66032	01209	753//	08311	83707	87616	
St. Mawgan	817	82917	37022	02509	862//	08214	86705	88709	
Culdrose	809	73010	56032	02509	754//	08217	82710	87630	
Scilly	804	73218	66028	04510	784//	09228	82814	87622	
Elmdon	534	82511	58618	97107	854//	05308	85711	88640	
Shawbury	414	82607	58636	97407	855//	07215	85621	88630	
Manchester	334	82809	28616	95807	872//	07308	88703		
Squires Gate	318	83012	24636	95906	870//	06211	84701	88702	
Valley	302	83018	74016	99109	855//	08228	86622	88630	
Ronaldsway	204	83121	62216	97809	864//	07220	88711		
Carlisle	222	82707	48616	95606	853//	05302	84709	88640	
Watnall	354	72411	61802	95708	782//	06304	85704	86820	87635
Spurn Head	396	71908	32016	95506	5554/	06206	85625	83358	
Finningley	360	82009	35606	94609	855//	07101	88626		
Dishforth	261	80000	10614	94306	854//	06202	84615	88620	
Tynemouth	262	82506	48106	93405	864//	05505	88718		
Eskdalemuir	162	80000	66036	94705	854//	03801	86713	88645	
Mull of Galloway	131	93220	F7456	97107	9////	07211	89/00		
Prestwick	135	83303	40216	96706	862//	06108	83705	85707	88711
Renfrew	141	83003	56616	96906	854//	05107	83712	88621	
Leuchars	171	80210	32636	95205	872//	05706	86703	88705	
Dyce	091	81011	28636	98205	871//	04704	82702	85703	88705
Wick	075	81516	40636	98905	862//	04007	88705		
Cape Wrath	049	80000	74616	96906	864//	06207	88715		
Sule Skerry	010	81613	74636	97506	865//	05204	88720		
Lerwick	005	81627	32636	02004	872//	03205	84704	88708	
Stornoway	026	83123	61646	99007	8062/	07222	88535		
Benbecula	022	83233	58588	01305	854//	04234	86714	88619	
Tiree	100	83231	62808	00706	884//	05334	87812	88630	
Aldergrove	917	83329	61258	00907	853//	05227	86707	88615	
Malin Head	980	83232	62605	03705	854//	05239	83718	88645	
Belmullet	976	33220	78038	09906	32400	51236	83819		
Birr	965	83117	70586	07106	874//	03242	87712	88631	
Collinstown	969	83123	80026	02108	864//	04331	82713	88718	
Rineanna	962	73220	80028	09206	785//	02242	82822	83635	87656
Roches Point	952	73235	69258	07207	784//	03247	83819	87645	
Valentia	953	23425	80028	12007	22500	00237	82825		

OBSERVATIONS at 06h. 25 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	72407	66028	02808	755//	07221	81627	87630	
London Airport	776	62609	59016	02808	655//	07323	81625	84645	
Gatwick	776	52310	58016	03108	55421	07217	82712	83656	
Thorney Island	871	72808	61212	03808	754//	07217	85615	87635	
Hurn	862	73009	66016	04609	754//	07222	82618	87620	
Guernsey	894	83213	50596	06508	860//	08215	83701	87702	
Wattisham	590	82515	48616	00507	8541/	07309	81710	87616	88630
Gorleston	497	82212	48501	99907	8541/	06205	88611		
Mildenhall	578	72308	61586	00107	754//	06315	83712	87625	
Cardington	559	82614	66216	01109	852//	07221	81705	86709	88630
West Raynham	485	82514	66611	99206	853//	06312	83708	85622	88635
Wittering	462	82720	69216	00008	7547/	06219	87615	88462	
Boscombe Down	746	63009	66016	04207	25731	06221	82650	83360	
Ross-on-Wye	627	72810	82022	04408	755//	05235	87620		
Bristol	628	82911	74036	04508	855//	06231	88622		
Aberporth	502	83128	66032	09106	884//	04245	86818	88630	
Rhoose (Cardiff)	715	73220	80036	06406	7541/	04241	83710	87620	
Plymouth	827	83117	48518	08307	8541/	05240	86710	88625	
Chivenor	707	83423	74258	08507	884//	04241	86816	88630	
St. Mawgan	817	73323	69028	10507	724//	03241	87818		
Culdrose	809	83429	68028	09707	854//	03341	86618	88650	
Scilly	804	53430	74018	12807	58400	01242	83814	85620	
Elmdon	534	83028	64216	02607	874//	05240	85710	88715	
Shawbury	414	83020	80026	04106	884//	04244	87816	88620	
Manchester	334	83026	66206	01006	852//	03233	83705	88610	
Squires Gate	318	73230	62016	01206	753//	04232	83709	87618	
Valley	302	53132	70018	06506	555//	03237	83625	85636	
Ronaldsway	204	63229	82026	04106	684//	02230	83716	86622	
Carlisle	222	82915	59616	99506	8541/	04324	82715	86620	88632
Watnall	354	83113	66608	00207	8541/	05330	86710	88622	
Spurn Head	396	82610	48616	97005	6742/	05215	86715	88558	
Finningley	360	82917	56616	97608	8541/	06217	85618	88630	
Dishforth	261	83210	50656	97706	3742/	05322	83712	88515	
Tynemouth	262	83209	48616	96305	8731/	04220	88708		
Eskdalemuir	162	83020	59618	98204	6742/	03316	86711	88458	
Mull of Galloway	131	83232	60024	03305	4742/	03233	84710	88460	
Prestwick	135	73125	66025	01505	6544/	03233	86615		
Renfrew	141	43113	82016	00605	35531	02329	83625		
Leuchars	171	83107	66636	97104	5542/	03314	82712	84620	88530
Dyce	091	83117	56636	97904	852//	03312	81705	85715	88625
Wick	075	83306	48636	00504	853//	03212	84708	88615	
Cape Wrath	049	83616	74026	01505	864//	02229	88715		
Sule Skerry	010	83224	74636	00806	865//	04218	88720		
Lerwick	005	81624	28636	02904	872//	03306	85703	88707	
Stornoway	026	83221	74026	05605	1552/	01229	81625	88459	
Benbecula	022	63221	80016	07206	655//	01228	82623	86635	
Tiree	100	63224	66018	06506	685//	00228	83820	84635	
Aldergrove	917	23224	66015	07504	28500	51228	81820		
Malin Head	980	43226	81808	08806	45400	00226	84919		
Belmullet	976	53016	78258	14006	535//	01220	85921		
Birr	965	52910	74036	13503	585//	52229	83821	85635	
Collinstown	969	13016	80011	09604	15700	51230	81650		
Rineanna	962	13009	80021	14804	12500	01223	81823		
Roches Point	952	13013	74028	14905	18400	00233	81819		
Valentia	953	23315	80258	16707	22500	01217	82826		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	92081	04	pr_o	pr_o
London Airport	772	95071	05	ir_o	$rrd_or_od_or_o$
Gatwick	776	97071	05	+	$ir_or_or_o$
Thorney Island	871	97071	06	ir_o	$ir_or_or_o$
Hurn	862	92081	06	+	ir_o
Guernsey	894	01071	07	$ifid_o$	id_odrir_o
Wattisham	590	01062	05	+	$d_or_or_or_o$
Gorleston	497	92052	03	+	id_o
Mildenhall	578	01071	05	+	$ir_or_or_od_or_o$
Cardington	559	96062	05	$ir_od_or_o$	$d_or_or_or_o$
West Raynham	485	01061	04	+	r_or_o
Wittering	462	01051	04	$ir_or_or_o$	irr_or_o
Boscombe Down	746	01051	03	r_o	+
Ross-on-Wye	627	03071	05	rr	+
Bristol	628	03071	05	$ir_or_or_o$	+
Aberporth	502	04051	03	$rrRRr_or_o$	pr_o
Rhoose (Cardiff)	715	91061	05	ir_o	+
Plymouth	827	93071	05	pr_o	$d_or_od_or_o$
Chivenor	707	02051	05	pr_orr	pr_o
St. Mawgan	817	01061	03	pr	pr_o
Culdrose	809	97060	05	$pr_or_or_o$	rr
Scilly	804	01071	//	prrr	+
Elmdon	534	03061	05	r_or_orr	$r_or_opr_o$
Shawbury	414	07051	05	r_or_orr	$r_or_opr_o$
Manchester	334	11051	05	r_or_orr	$r_or_orrd_o$
Squires Gate	318	10051	05	r_or_orr	r_of
Valley	302	01061	05	r_or_o	pr_o
Ronaldsway	204	02051	03	drDR	pr_oprh
Carlisle	222	04051	04	$d_or_or_or_o$	r_or_oir
Watnall	354	03051	05	$pr_orrr_or_o$	rrr_or_o
Spurn Head	396	01042	//	+	r_or_o
Finningley	360	09071	05	r_or_orr	r_or_orrRR
Dishforth	261	18051	05	ffiRFFrr	$rrRRir_o$
Tynemouth	262	12052	03	d_od_o	d_od_orr
Eskdalemuir	162	02031	03	$r_or_oir_opr_o$	$d_or_or_or_o$
Mull of Galloway	131	01041	//	/	/
Prestwick	135	01041	03	$r_or_oid_o$	+
Renfrew	141	07051	03	r_or_o	+
Leuchars	171	11042	03	rrr_or_o	r_or_orr
Dyce	091	21032	03	rr	rrr_or_o
Wick	075	11032	03	r_or_orr	r_or_orr
Cape Wrath	049	03041	03	prrr	r_o
Sule Skerry	010	10051	03	/	/
Lerwick	005	13032	02	rr	rr
Stornoway	026	04032	03	irr_or_orr	+
Benbecula	022	01041	02	$d_or_or_or_o$	+
Tiree	100	01041	02	$pr_or_or_o$	ir_o
Aldergrove	917	93031	02	pr_oir_o	pr_o
Malin Head	980	01	03	/	/
Belmullet	976	91051	04	/	/
Birr	965	01031	50	/	/
Collinstown	969	01031	01	/	/
Rineanna	962	97040	00	/	/
Roches Point	952	91041	02	/	/
Valentia	953	01051	02	/	/

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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40622	32200	62622	97268	92954	69400	00304	82918	84825	07057	12735	12769
B	40565	51000	82414	96858	11154	824//	00724	88815	/////	06557	13035	1////
C	40527	35500	81117	97618	12605	555//	00737	87615	88540	05503	19823	13145
D	40440	41000	11926	97258	94815	15500	00802	81620	/////	00412	11849	1////
I	40582	16400	62817	99261	06804	6341/	72214	84820	82914	06251	12923	17871
J	40526	20300	22624	97018	20108	22400	61215	82816	/////	05604	12848	13446
K	40453	16000	33427	97011	24011	38500	00320	81820	83633	05204	18440	12848
M	43660	02000	81524	97022	08406	885//	00710	/////	/////	05102	11656	1////

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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40622	32506	72724	98858	93453	794//	61502	87918	/////	06956	12635	12768
B	40565	51006	82828	97028	04453	5242/	00724	85815	88458	06358	13046	1////
C	40527	35506	80825	97616	99007	2542/	00783	82615	88540	00104	10834	1////
D	40440	41006	81827	97802	91413	885//	10717	83820	88630	00010	11849	1////
I	40585	17006	62622	98278	09004	6341/	72310	86910	/////	06101	17741	1////
J	40523	19606	52514	97038	21108	58300	32206	83808	83636	05504	12846	13454
K	40456	16306	73416	97601	27410	78500	71217	81820	86633	05403	18440	12846
M	43660	02006	41524	98022	06506	11608	00609	/////	/////	00003	11556	1////

CONVE TA

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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. 37380

Date of Issue Thursday 26 March 1964

OBSERVATIONS at 12h. 25 March 1964

Code FM 11.A

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	73215	78022	09109	7853/	01226	86828	87630	
London Airport	772	73016	66026	09309	756//	02229	87635		
Gatwick	776	73114	66026	08609	755//	02229	84620	87635	
Thorney Island	871	73215	85022	10109	786//	03236	85830	87650	
Hurn	862	73315	82252	11209	78531	03230	83823	85635	
Guernsey	894	53422	74258	13407	38432	02233	81812	83640	
Wattisham	590	72720	64026	06608	784//	04232	85816	87625	
Gorleston	497	82916	60025	04908	854//	05229	88614		
Mildenhall	578	82716	69026	06708	854//	03228	82618	85622	88635
Cardington	559	82918	69032	08408	855//	02232	88622		
West Raynham	485	82718	62016	05207	853//	04233	81708	86615	88630
Wittering	462	73027	78022	07109	755//	03237	87625		
Boscombe Down	746	73415	83022	10809	58532	03125	84824	85360	85073
Ross-on-Wye	627	53311	77028	11309	58600	00225	84830		
Bristol	628	73011	82012	12108	784//	02131	82817	87625	
Aberporth	502	13325	66022	15907	11400	00224	81818		
Rhoose (Cardiff)	715	63424	82032	13209	685//	52133	85828		
Plymouth	827	53317	83038	15108	52600	50232	85830		
Chivenor	707	13327	82011	15209	12500	02232	81825		
St. Mawgan	817	33322	80028	16608	32500	01226	83820		
Culdrose	809	53630	81022	16708	51500	50227	85820		
Scilly	804	23523	81021	19210	22400	04230	82818		
Elmdon	534	73029	86028	09107	716//	00232	87830		
Shawbury	414	73127	80028	11608	7864/	01227	87830		
Manchester	334	73026	66022	08607	785//	00238	83825	87640	
Squires Gate	318	73226	60022	09607	756//	02242	87630		
Valley	302	33126	74021	13908	38500	02233	82820		
Ronaldsway	204	23234	80018	10408	28501	00129	81822		
Carlisle	222	73120	83026	07608	754//	00235	82715	86628	87645
Watnall	354	63119	66012	07307	5857/	02234	82820	84630	
Spurn Head	396	82718	57026	02906	855//	04239	88625		
Finningley	360	73127	61036	05210	58432	03239	84818	83630	86075
Dishforth	261	73424	85036	04908	68542	03241	85820	83364	
Tynemouth	262	83223	48636	03904	5732/	03242	85708	88524	
Eskdalemuir	162	63214	70036	06807	684//	50354	85819	83645	
Mull of Galloway	131	43432	74022	11607	42500	01246	84820		
Prestwick	135	43120	82012	09808	28530	50234	82825	83362	
Renfrew	141	73112	69031	08709	6853/	51237	83825	85640	
Leuchars	171	73117	89026	05407	6557/	01239	84625	84650	87458
Dyce	091	83226	63616	04505	853//	03232	82708	85712	88620
Wick	075	83322	74626	05905	853//	02230	81708	84710	87630
Cape Wrath	049	83616	81028	08505	865//	02239	88720		
Sule Skerry	010	83313	74022	07007	865//	02229	88720		
Lerwick	005	81516	58636	05303	6722/	03107	86705	88515	
Stornoway	026	23121	80278	11407	23500	01230	81922		
Benbecula	022	23025	80151	13206	29500	02231	81920		
Tiree	100	53518	85158	12907	39560	03234	81920	83825	
Aldergrove	917	23222	80278	14107	29400	02233	81918		
Malin Head	980	53418	82258	14807	5341/	01230	85918		
Belmullet	976	63216	80808	19306	695//	04229	86921		
Birr	965	63212	82031	18008	685//	02220	85821	86637	
Collinstown	969	33021	83021	15009	32500	53220	83825		
Rineanna	962	43220	82258	19510	41500	02221	84822		
Roches Point	952	13220	80258	18708	19500	02114	81920		
Valentia	953	63315	80808	21408	68500	03321	84826	86640	

OBSERVATIONS at 18h. 25 March 1964

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	73210	58022	14308	745//	00232	81820	87625	
772	53110	64012	14408	35631	01235	83645	83360	
776	73213	66012	14308	756//	01232	81630	87635	
871	63210	82012	15509	656//	01233	86645		
862	53111	84032	16309	58501	50233	81825	85635	
894	43320	80031	17907	48530	00223	83825	84640	
590	73016	59012	12407	784//	03237	82818	87630	
497	83214	58052	10307	884//	03139	84812	88616	
578	83013	62022	12408	855//	04237	88625		
559	72014	78012	13808	755//	01236	84628	87635	
485	82914	69022	11207	855//	03236	88622		
462	72915	62012	13207	756//	02238	87640		
746	33310	74011	15908	25631	51229	82640		
627	23308	81011	16408	28600	52234	81830		
628	23113	83011	16409	21600	52229	82835		
502	23120	74020	19406	28500	02327	81820		
715	13413	85011	18008	11600	52229	81840		
827	53415	74012	19108	52600	02222	85830		
707	33212	80030	19408	32600	04224	83830		
817	23316	81020	20608	28500	03220	81820		
809	33316	81011	20408	38400	03220	82815		
804	33418	81020	22209	31500	02225	83822		
534	23122	69011	14607	18640	50135	81835		
414	13219	82011	16306	18600	52230	81840		
334	33019	62021	14106	35700	50232	83650		
318	13124	60021	14706	15600	02331	81630		
302	13115	80018	18707	18500	03228	81825		
204	13321	82020	17307	11500	00227	81825		
222	53409	74012	14207	58600	51234	82830	84640	
354	33010	61011	13407	35600	01231	83645		
396	62920	57022	08907	655//	02228	86620		
360	73214	61022	12009	784//	01235	82818	87630	
261	73421	82012	12308	785//	02239	83828	87650	
262	83420	48258	11306	7737/	02238	87706		
162	43205	79011	13805	48500	52321	81820	83640	
131	13435	74011	16706	12500	01226	81820		
135	13018	82021	15807	18500	01337	81825		
141	13112	66021	15208	18600	51238	81830		
171	63512	85156	13106	685//	00237	82825	86645	
091	63317	74016	12605	28470	02239	81815	85362	
075	43317	74016	12805	22401	50237	82815	83070	
049	33612	82011	14205	33500	03236	83925		
010	43213	81011	13607	456//	51234	84630		
005	73416	74216	09203	37332	03328	83708	83360	86070
026	13013	80151	17106	19500	00231	81922		
022	13115	82158	18106	13500	01228	81923		
100	13215	86011	18506	19500	01230	81922		
917	23215	83028	19307	28500	51229	82825		
980	23114	83158	19907	23500	00229	82920		
976	53010	82038	22408	535//	01223	82921	85640	
965	62910	82028	22207	685//	00322	84821	86637	
969	23310	82018	20207	28500	01230	81825		
962	33016	86011	23308	38500	01224	82827	83640	
952	33218	84021	23208	38500	03226	83823		
953	73209	80808	24608	735//	04325	87924		

OBSERVATIONS during DAY

iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	00101	005	+	+
772	00101	007	+	+
776	00101	032	+	+
871	01111	016	+	+
862	97110	///	pr_0	+
894	97091	053	ir_0pr_0	+
590	00092	///	+	+
497	00091	000	+	+
578	00091	000	+	+
559	00101	002	+	+
485	97091	000	+	pr_0
462	00101	050	+	+
746	00091	036	+	+
627	97101	050	pr_0	+
628	00091	024	+	+
502	00081	083	+	+
715	00101	074	+	+
827	00091	081	+	+
707	97101	088	+	pr_0
817	00091	096	+	+
809	00090	097	+	+
804	00111	106	+	+
534	00091	061	+	+
414	97091	086	pr_0	+
334	00081	031	+	+
318	00081	041	+	+
302	97091	098	pr_0	pr_0
204	00090	096	jp	jp
222	00091	006	+	+
354	00091	028	+	+
396	97080	008	r_0r_0	+
360	97111	014	r_0r_0	ir_0
261	97101	012	ir_0	ir_0
262	06071	002	rr	$rrpr_0$
162	00081	025	+	+
131	00081	///	/	/
135	00090	064	+	+
141	00101	070	+	+
171	92091	008	$r_0r_0ir_0$	jp
091	03051	002	rrr_0r_0	r_0r_0
075	01071	019	rr	+
049	93081	///	pr	+
010	92070	///	/	/
005	08042	000	rr	$rrir_0$
026	93091	084	pr_0ph_0	+
022	97081	096	pr_0	+
100	93091	090	ph	jp
917	93091	065	ph_0pr_0	+
980	0108/	080	/	/
976	9110/	083	/	/
965	9110/	083	/	/
969	9709/	094	/	/
962	9710/	104	/	/
952	9410/	090	/	/
953	9710/	085	/	/

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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40621	32912	52530	97268	95752	59400	61316	85918	/////	06555	12537	12459
B	40565	51012	62925	98268	02154	62460	00503	86812	/////	06560	12736	1////
C	40527	35512	81715	94614	88808	6732/	00742	86708	88540	00407	11622	11746
D	40440	41012	81924	97808	90213	4252/	00802	84820	88459	00011	11949	1////
I	40586	17812	72713	98278	13304	794//	62222	86910	/////	06101	12624	12769
J	40523	19812	71916	98022	21609	5853/	00304	84820	83650	05306	12245	12853
K	40452	16212	70204	97021	29611	785//	00213	82826	87633	05306	100/0	13447
M	43660	02012	81728	97606	07006	6742/	00305	/////	/////	05104	11767	1////

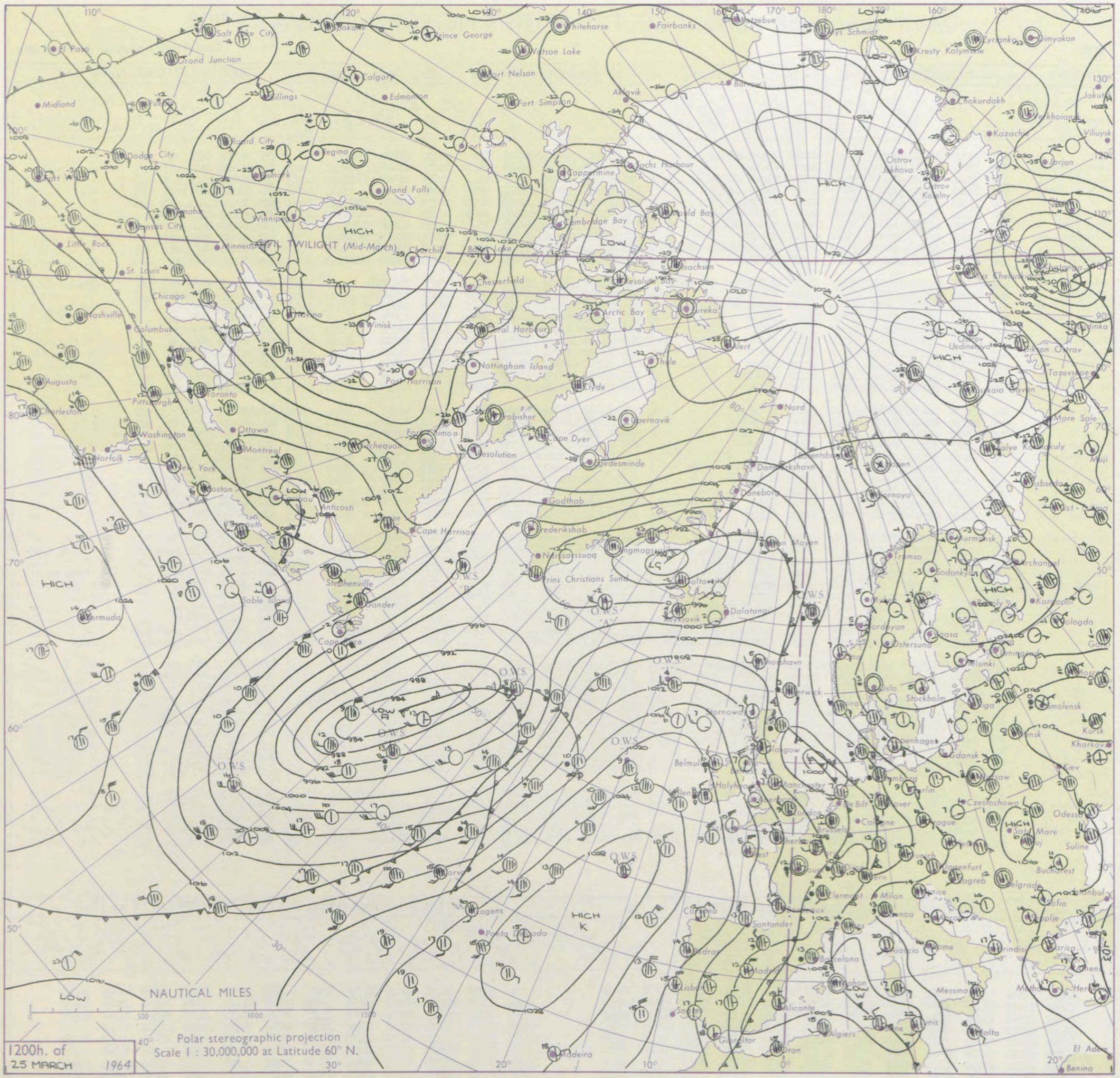
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40621	33218	72423	97028	96550	734//	61802	83913	84818	06353	12446	12349
B	40565	51018	63027	98268	00554	32470	00708	83812	/////	06560	12936	1////
C	40527	35518	81822	96106	84509	863//	00015	88709	/////	00407	11934	1////
D	40440	41018	62024	97028	87815	62500	00712	86820	/////	00412	11949	1////
I	40585	18518	62320	98031	13807	58506	62001	83820	83630	05401	12324	12759
J	40524	19618	81820	97028	18210	884//	00719	82815	86630	05107	11845	12853
K	40453	16118	42005	97032	28712	38505	00801	83826	/////	05206	100/0	13446
M	43660	02018	81926	97606	09406	6742/	00213	/////	/////	05204	11867	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

Sky

WEATHER

Symbol

Mist

Fog

Driz

Rain

Rain

Rain

Sno

Rain

Rain

Sno

Hail

Thu

For each half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

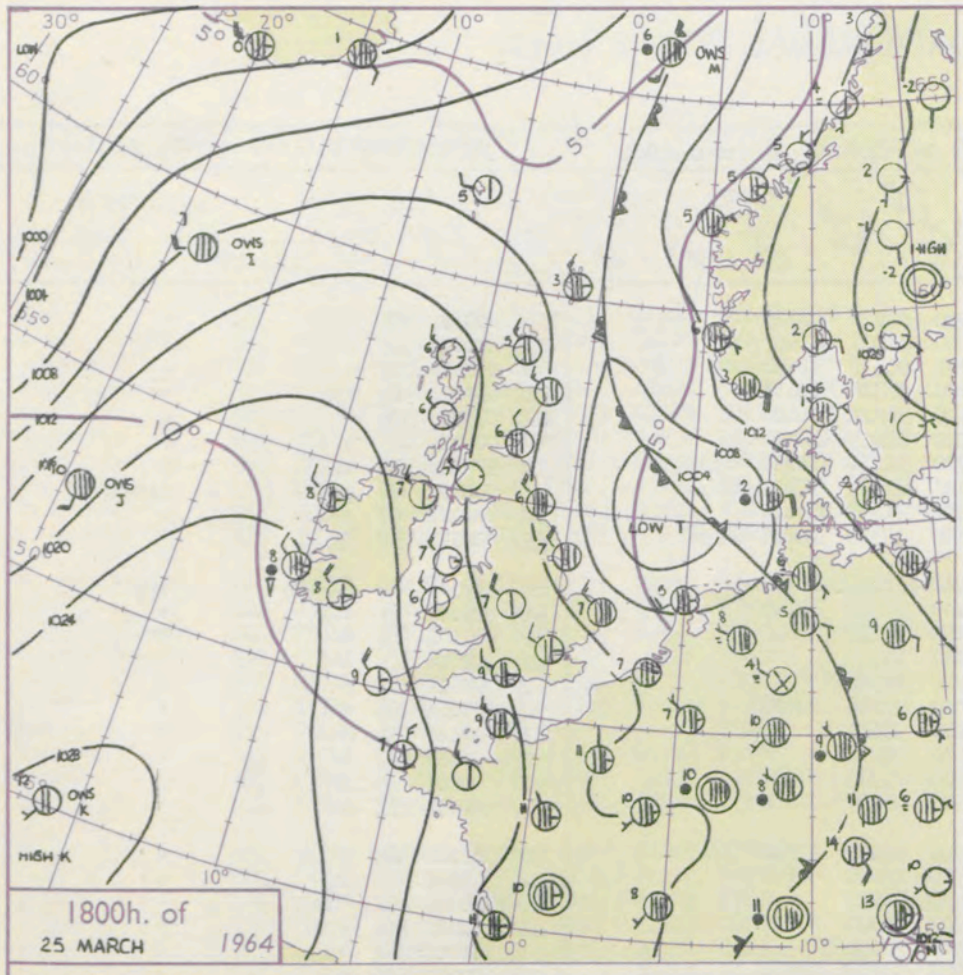
OUD
Cloud Amount (oktas)

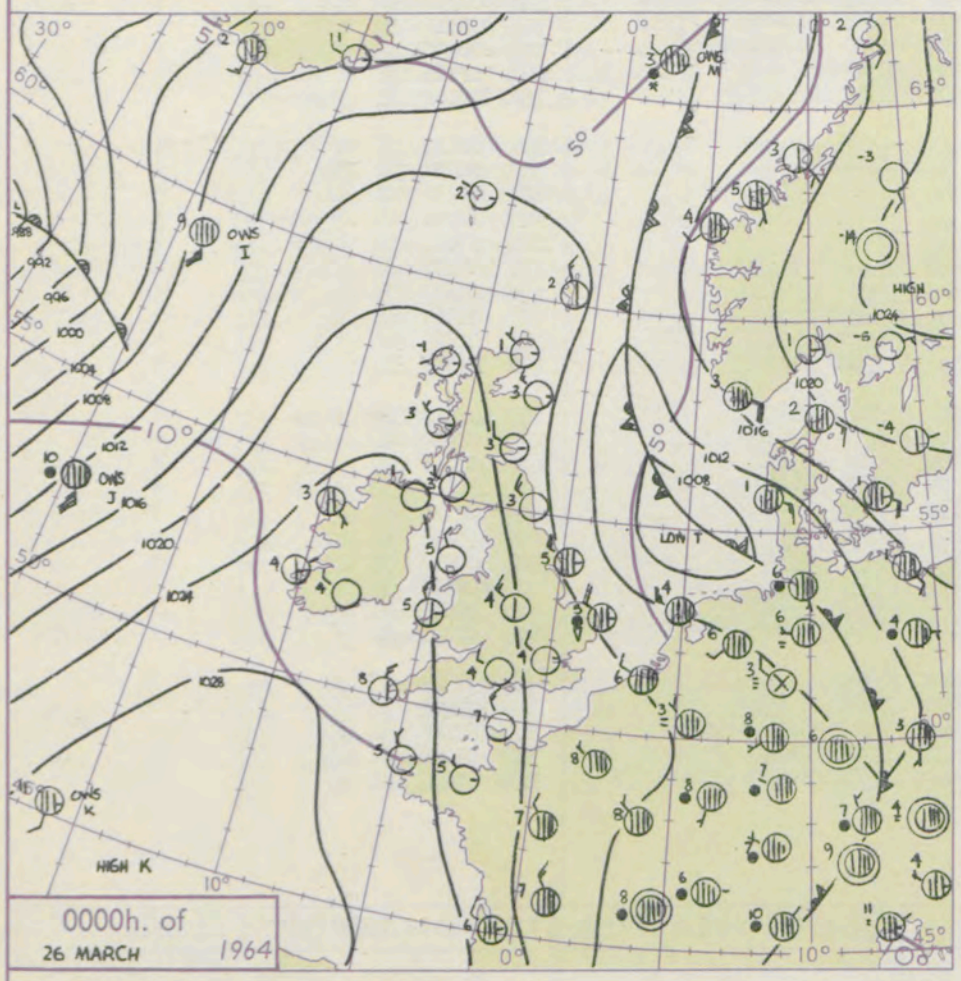
0
1 or less
2
3
4
5
6
7 or more
8
obscured

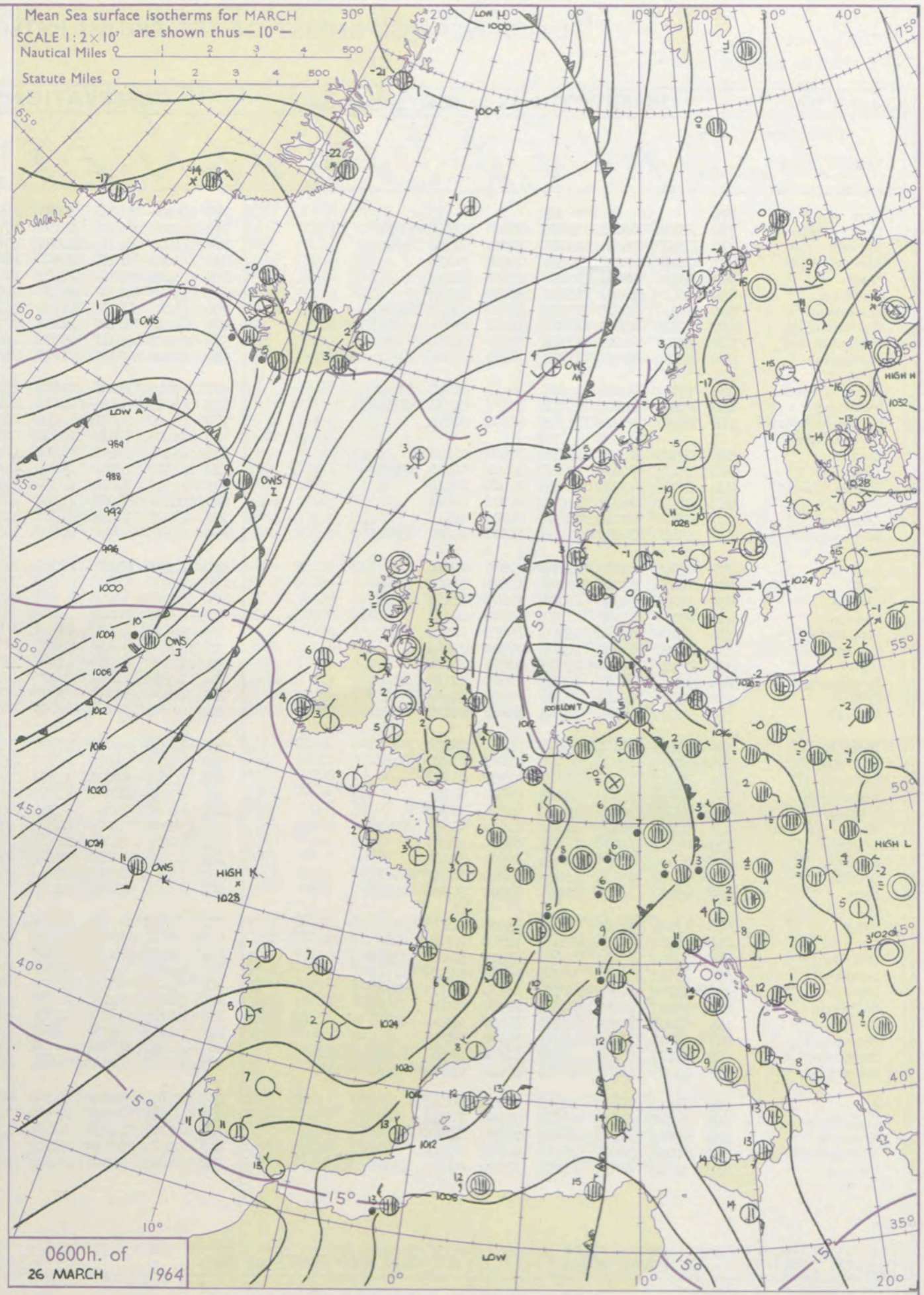
THER
Weather

zzle
and
rizzle
and snow
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 Thursday 26 March 1964

During the past 24 hours a depression has moved slowly east across the North Sea with some filling while a ridge of high pressure from the Atlantic has moved to western parts of the British Isles. The ridge is expected to move southeast to give anticyclonic conditions over most parts of England and Wales but troughs of low pressure associated with a depression near Iceland will be carried quickly northeast near or across Northern Ireland and Scotland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

England and Wales will be mainly dry with sunny periods. Slight frost will occur at night in many inland areas. Scotland and Northern Ireland will be mostly cloudy with a little rain or drizzle at times. Temperatures will be generally near or a little above normal.

OUTLOOK for following 24 hours Mostly dry over England and Wales with sunny periods. Changeable in Northern Ireland and Scotland with some rain or drizzle. Temperatures near or above normal.

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

Code FM 11.A

OBSERVATIONS at 00h. 26 March 1964

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			05					
London Airport	772	13112	66011	19604	15700	01223	81650		
Gatwick	776	13307	66021	19104	15700	50124	81650		
Thorney Island	871	03210	82021	20305	00900	51117			
Hurn	862	03110	78021	21604	00900	50219			
Guernsey	894	03415	80021	22807	00900	01219			
Wattisham	590	63217	60018	17105	65600	02223	86640		
Gorleston	497	73219	62808	15105	3257/	01214	83825	87360	
Mildenhall	578	73207	69022	17505	757//	02224	87650		
Cardington	559	52910	69031	19404	58600	01126	81830	85640	
West Raynham	485	73017	74218	16505	756//	01120	87640		
Wittering	462	83420	62606	19404	856//	02331	88635		
Boscombe Down	746	03007	66020	21503	00900	51119			
Ross-on-Wye									
Bristol	628	02906	82020	21804	00900	00118			
Aberporth	502	33415	74030	23705	32400	02216	83818		
Rhoose (Cardiff)	715	03210	83020	22803	00900	00118			
Plymouth	827	03502	66021	23905	00900	03218			
Chivenor	707	03209	80018	23904	00900	02117			
St. Mawgan	817	13410	80010	24907	11500	04220	81823		
Culdrose	809	03509	82020	24805	00900	02214			
Scilly	804	23613	82021	26008	22500	03212	82820		
Elmdon	534	23215	74020	20204	25600	02222	82640		
Shawbury	414	03016	80020	21304	00900	00217			
Manchester	334	13109	62020	19903	15600	00220	81645		
Squires Gate	318	03212	66020	20804	00900	03219			
Valley	302	03312	80020	23305	00900	02118			
Ronaldsway	204	13214	82020	22305	11500	02112	81822		
Carlisle	222	03304	74021	21102	00900	51324			
Watnall	354	13007	59018	19303	15600	00125	81640		
Spurn Head	396	73224	66022	15705	756//	01224	87630		
Finningley	360	13113	58018	18705	15600	51228	81640		
Dishforth	261	03313	83018	18804	00900	51223			
Tynemouth	262	03216	66028	18203	00900	51227			
Eskdalemuir	162	03009	74020	21050	00900	53123			
Mull of Galloway	131	13616	80020	22404	11500	01217	81825		
Prestwick	135	02907	74020	21503	00900	00218			
Renfrew	141	02505	82020	21403	00900	51223			
Leuchars	171	12809	85031	19403	15600	51227	81635		
Dyce	091	13117	74031	18003	15500	50226	81625		
Wick	075	13106	80010	17201	15500	51233	81625		
Cape Wrath	049	22308	83020	20206	22500	03226	82825		
Sule Skerry	010	33209	82011	19606	35500	51226	83625		
Lerwick	005	23513	74016	16902	16301	01235	81709		
Stornoway	026	12602	80020	21851	12530	51219	81822		
Benbecula	022	12607	83020	22304	14500	02218	81624		
Tiree	100	13206	86020	23203	11500	01220	81825		
Aldergrove	917	02802	74020	24001	00900	50215			
Malin Head	980	33005	83010	24106	12530	02218	81820	83360	
Belmullet	976	41303	69031	25103	25630	01112	82645	84359	
Birr	965	02402	80021	26501	00900	00214			
Collinstown	969	02808	80020	25002	00900	51219			
Rineanna	962	02804	74020	26702	00900	01215			
Roches Point	952	03008	80010	26704	00900	02214			
Valentia	953	30402	80011	27004	12530	03214	81825	83360	

OBSERVATIONS at 06h. 26 March 1964

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	22908	56022	21803	25500	50214	82625		
772	13108	74020	22102	15700	01211	81650		
776	13407	62031	22002	15701	00312	81650		
871	13003	82021	23202	15600	51310	81630		
862	13408	69010	24101	15600	51212	81640		
894	23513	82030	24805	21500	00209	82820		
590	33218	66011	19203	15730	51212	81656	83362	
497	83224	58216	16104	7732/	01204	87709	88520	
578	23013	69011	19702	25630	51212	82640		
559	32810	62031	21701	25630	51313	82645	83362	
485	73019	74022	18104	756//	51210	87638		
462	13015	74036	21102	15600	52210	81640		
746	13108	74030	24300	15600	52212	81640		
627	02405	77020	24301	00900	51315			
628	02507	82020	24502	00900	51314			
502	23312	74030	25805	22400	02214	82818		
715	03306	80020	25500	00900	52314			
827	00501	66020	26102	00900	01213			
707	13305	74010	26302	11500	01313	81825		
817	13505	80030	26803	11500	01207	81820		
809	10103	81020	26302	11500	00207	81822		
804	23607	82030	27008	21500	04000	82820		
534	03010	40040	23102	00900	00213			
414	12808	80030	24102	18500	00310	81825		
334	03206	48040	23100	00900	51211			
318	13211	66020	23603	00901	02213	81075		
302	10000	80030	25702	11400	01315	81818		
204	52705	83021	25205	51400	03320	81713	85818	
222	02805	62020	23850	00900	52309			
354	02905	58020	22100	00900	52311			
396	83230	59032	17104	854//	01211	88610		
360	13115	66030	21103	15700	52210	81650		
261	13314	82030	21503	15700	52317	81650		
262	03015	66020	21103	00900	51214			
162	00000	79020	23902	00900	55314			
131	13411	81020	25303	12500	01218	81825		
135	10000	70040	24551	11600	52312	81830		
141	10000	62020	24101	00901	51214	81070		
171	13213	87020	22503	15600	52212	81630		
091	13014	74020	22502	15600	00223	81635		
075	13307	80020	22801	15500	51218	81625		
049	23602	86020	23205	25500	03218	82625		
010	33205	82030	22806	33600	01214	83930		
005	13408	74020	22301	16300	51225	81709		
026	10000	80021	23800	15700	51211	81650		
022	31609	86038	23701	18501	50208	81820		
100	10000	86111	24303	18400	02210	81712		
917	11407	74030	25851	00901	52212	81070		
980	12007	83011	24802	18500	50104	81820		
976	61610	74031	24006	15506	04707	81628	86270	
965	01602	80020	26800	00900	51301			
969	12607	82030	26500	00902	51211	81070		
962	61207	74031	26402	15605	02500	81640	86275	
952	23408	80030	27103	15602	02302	81640		
953	70000	80011	26104	25612	03502	82640	84460	87070

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	00031	52	+	+
772	00011	52	+	+
776	00091	52	+	+
871	00011	54	+	+
862	00500	53	+	+
894	00051	03	+	+
590	97022	00	pr_0	+
497	01032	02	pr_0	$r_0r_0rrir_0$
578	00021	00	+	+
559	00011	51	+	+
485	97031	02	pr_0ir_0	ir_0
462	95021	51	ir_0	+
746	00501	55	+	+
627	00011	55	+	+
628	00011	55	+	+
502	00041	51	+	+
715	00511	54	+	+
827	00011	53	+	+
707	00001	55	+	+
817	00011	52	+	+
809	00020	53	+	+
804	00071	//	+	+
534	00021	51	+	+
414	00011	51	+	+
334	00001	52	+	+
318	00031	50	+	+
302	00011	53	+	+
204	00030	52	+	+
222	00511	54	+	+
354	97001	53	pr_0	+
396	00030	//	+	+
360	94031	52	pr_0	+
261	00031	01	+	+
262	00021	00	+	+
162	00911	54	+	+
131	00031	//	/	/
135	00521	55	+	+
141	00511	55	+	+
171	00011	51	+	+
091	00021	51	+	+
075	00521	57	+	+
049	00030	02	+	+
010	00050	00	/	/
005	00501	53	+	+
026	00520	57	+	+
022	97001	56	pr_0	+
100	00011	55	+	+
917	00521	55	+	+
980	97011	01	/	/
976	97021	52	/	/
965	97511	55	/	/
969	97031	52	/	/
962	97501	54	/	/
952	97031	51	/	/
953	97031	01	/	/

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	50621	33200	50000	98031	95450	11506	00812	81825	85272	06257	100/0	12346
B	50565	51000	63024	97858	01754	52400	00108	86812	/////	06662	12946	1////
C	50527	35500	81722	97024	86309	863//	00215	88707	/////	00407	11934	1////
D	50440	41000	82924	96808	90912	884//	00232	85815	88630	05211	12924	11949
I	50586	19000	81736	98251	08209	884//	61742	88640	84818	05105	11747	12858
J	50526	19700	81734	96616	13410	854//	00729	88616	/////	05009	11846	11454
K	50454	16100	71811	98022	29311	785//	00809	81830	87640	05205	11821	13456
M	53660	02000	82910	97686	13803	4742/	00229	/////	/////	05700	149/2	11934

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	50620	33106	80120	98022	90401	856//	00617	88635	/////	06155	101/2	12346
B	50565	51006	32923	97028	01855	32400	00303	83812	/////	06661	13057	1////
C	50527	35506	92908	93456	85607	9////	00500	89/02	/////	00106	11934	1////
D	50440	41006	73032	97808	99410	784//	00241	86820	/////	05607	13035	11946
I	50587	18906	81638	97616	99209	863//	41741	88706	/////	05109	16652	1////
J	50525	19806	81931	96616	08010	854//	61612	88613	/////	05109	11847	11455
K	50455	16106	81817	98022	27111	856//	00708	88640	/////	05107	11833	13456
M	53660	02006	32212	98011	18004	39500	00220	/////	/////	05501	12323	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37381

Date of Issue Friday 27 March 1964

OBSERVATIONS at 12h. 26 March 1964

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	23414	70020	23609	21500	53101	82825		
London Airport	772	13215	70020	23409	11600	51801	81830		
Gatwick	776	13214	80020	23408	12600	51801	81830		
Thorney Island	871	23114	85030	24810	21500	00702	82825		
Hurn	862	23312	77030	25709	11501	52805	81825		
Guernsey	894	13410	82020	27407	11500	01107	81820		
Wattisham	590	83217	66026	21505	855//	01110	86628	88645	
Gorleston	497	83217	58606	18905	874//	04212	88712		
Mildenhall	578	83318	74021	21806	856//	02104	84630	88645	
Cardington	559	53118	66031	23109	526//	51103	85832		
West Raynham	485	83121	64216	20905	856//	01212	86635	88650	
Wittering	462	63217	69021	23008	68600	51306	82830	85635	
Boscombe Down	746	33211	82030	25309	31600	50801	83832		
Ross-on-Wye	627	23408	82020	25309	28600	52805	82830		
Bristol	628	13008	83010	25209	11600	51805	81830		
Aberporth	502	13206	80011	27107	12581	04002	81820		
Rhoose (Cardiff)	715	33011	82030	26509	32500	03002	83820		
Plymouth	827	30206	82020	27109	34602	01803	82630		
Chivenor	707	23013	83020	27409	12501	03000	81820		
St. Mawgan	817	43011	82030	28009	22609	02003	82830	84170	
Culdrose	809	63506	80031	27609	41601	01805	81830	84075	
Scilly	804	52802	82022	28511	31401	05102	83818	83075	
Elmdon	534	13215	66010	24009	11600	52000	81835		
Shawbury	414	13317	89010	25309	11601	51803	81840		
Manchester	334	23112	61020	24408	21600	54400	82835		
Squires Gate	318	13312	74020	25808	12502	03003	81825		
Valley	302	23010	83010	26608	21601	02001	82830		
Ronaldsway	204	23406	86011	26108	11505	50801	81825		
Carlisle	222	22805	86020	25609	21601	51002	82835		
Watnall	354	30312	70031	23708	31600	51204	83845		
Spurn Head	396	83225	56616	20805	853//	03210	88608		
Finningley	360	73421	69021	23408	785//	01111	83822	86635	
Dishforth	261	73517	74031	23607	756//	00008	85630	87645	
Tynemouth	262	53425	61021	23306	22570	02214	82820	85358	
Eskdalemuir	162	10304	82020	25208	11500	53203	81825		
Mull of Galloway	131	23406	81020	26409	22500	04201	82825		
Prestwick	135	72406	70031	25408	18506	52605	81825	87075	
Renfrew	141	20000	80030	25409	11505	53803	81825		
Leuchars	171	33606	89030	24809	35630	52005	83635		
Dyce	091	70113	74031	25107	785//	01108	82820	86627	
Wick	075	20908	85010	25408	21500	52107	82825		
Cape Wrath	019	33205	83020	24507	35500	05703	83625		
Sule Skerry	010	41605	82030	25109	43600	01203	81930		
Lerwick	005	21002	82020	25008	11502	50212	81822		
Stornoway	026	71715	83021	24308	11602	03806	81830	87075	
Benbecula	022	71718	85031	23208	14536	03811	81622	87270	
Tiree	100	81613	83031	24508	28437	04808	81818	88272	
Aldergrove	917	52403	80021	26708	12532	01506	81825	85070	
Malin Head	980	71910	85031	24409	12506	02813	81822	87270	
Belmullet	976	71818	81022	22910	5647/	06610	83717	85635	87459
Birr	965	61703	82011	26310	38502	02712	82821	83636	86072
Collinstown	969	42503	80011	26809	11506	01807	81823	84270	
Rineanna	962	71710	82012	25610	11538	05713	81828	87272	
Roches Point	952	81708	78021	27009	11407	05708	81818	88270	
Valentia	953	81817	74606	25110	5642/	06809	85719	88459	

OBSERVATIONS at 18h. 26 March 1964

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	63508	66021	23509	54641	52303	85630		
London Airport	772	53307	62031	23109	54600	50304	85640		
Gatwick	776	43406	66030	23109	44600	52307	84635		
Thorney Island	871	53010	78031	24110	45601	01305	84640	83080	
Hurn	862	23013	80010	24709	11641	02300	81835		
Guernsey	894	13009	83020	26207	00904	02504	81075		
Wattisham	590	83113	58216	22005	854//	03308	83618	88630	
Gorleston	497	83318	58052	20105	854//	03209	88612		
Mildenhall	578	83507	62612	22605	854//	03310	81712	86618	88635
Cardington	559	63513	59032	23608	61600	01311	81630	85645	
West Raynham	485	83415	62026	21905	853//	03310	84708	88630	
Wittering	462	53515	66012	23306	38504	01307	81822	83640	
Boscombe Down	746	32909	83020	24808	14602	03301	81635	83075	
Ross-on-Wye	627	70107	82031	24209	25606	51305	82630	87075	
Bristol	628	53007	62031	24210	14604	01304	81630	84075	
Aberporth	502	72908	80031	26206	1157/	03701	81820	87360	
Rhoose (Cardiff)	715	72912	83031	25406	11532	02004	81825	87072	
Plymouth	827	63211	77031	26508	1563/	02305	81630	86364	
Chivenor	707	63109	82031	26907	60931	03203	86362		
St. Mawgan	817	73006	80021	27207	1163/	04502	81830	87362	
Culdrose	809	73206	78022	29608	68408	04604	83710	86650	
Scilly	804	72705	82032	27209	5147/	05704	84815	86358	
Elmdon	534	73214	59031	24107	11656	54304	81645	86275	
Shawbury	414	73209	78021	25206	14648	51006	81640	87272	
Manchester	334	73012	59021	24406	15716	54007	81650	83465	86275
Squires Gate	318	83008	62031	24906	15507	03802	81625	88270	
Valley	302	72706	85032	25607	1167/	03701	81630	87462	
Ronaldsway	204	72503	86011	25407	30978	02801	81360	83465	87272
Carlisle	222	72504	82031	25007	24606	01007	81845	84072	87275
Watnall	354	60106	58031	23906	34602	02310	83635	84075	
Spurn Head	396	83322	48026	22305	6742/	03313	86715	88557	
Finningley	360	63613	62012	23907	55601	03306	85638	84073	
Dishforth	261	70211	59048	24506	48504	02210	81822	84650	
Tynemouth	262	63618	61022	25105	656//	03214	86635		
Eskdalemuir	162	70905	82011	24705	11536	01002	81825	83362	87270
Mull of Galloway	131	62305	82031	25406	4642/	03804	84718	86460	
Prestwick	135	72504	74032	24306	30956	01707	83365	85270	87075
Renfrew	141	82702	58041	24408	00907	52704	82068	88272	
Leuchars	171	71109	70030	25005	35706	03002	83656	86275	
Dyce	091	41206	50048	26004	18401	02105	81815	83070	
Wick	075	31606	82030	24705	15536	02001	81625	83075	
Cape Wrath	019	60000	83021	22907	655//	03705	86625		
Sule Skerry	010	61113	82031	22907	45606	03718	84630	86070	
Lerwick	005	11706	82020	25505	18501	01203	81820		
Stornoway	026	81816	82032	23307	70977	03710	82359	86462	88275
Benbecula	022	81519	85022	21107	15577	03711	81622	83360	85466
Tiree	100	71515	89012	22507	15638	04713	81650	83362	87272
Aldergrove	917	71804	80022	24009	15676	02712	81630	85462	87270
Malin Head	980	81611	82022	22309	4567/	03712	81640	88462	
Belmullet	976	81822	62506	20508	864//	07711	86711	88640	
Birr	965	81607	82022	24010	6567/	04707	86637	88465	
Collinstown	969	71406	80042	24707	70976	03709	87359		
Rineanna	962	81708	66608	23709	5542/	08605	81718	85628	88458
Roches Point	952	81811	72606	25309	6647/	07805	86715	88460	
Valentia	953	81712	66616	22709	5642/	08814	85712	88550	

OBSERVATIONS during DAY

Station	iii	RRT	T_xE_x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00100	103	+		+
London Airport	772	00111	102	+		+
Gatwick	776	00111	106	+		+
Thorney Island	871	00111	105	+		+
Hurn	862	00110	///	+		+
Guernsey	894	00090	112	+		+
Wattisham	590	97062	///	ir_0		ir_0
Gorleston	497	02062	000	ir		+
Mildenhall	578	97071	007	ir_0		$r_0r_0ir_0id_0$
Cardington	559	00111	078	+		+
West Raynham	485	93051	000	$ir_0r_0r_0$		ir_0
Wittering	462	00091	069	+		+
Boscombe Down	746	00111	105	+		+
Ross-on-Wye	627	00111	104	+		+
Bristol	628	00120	103	+		+
Aberporth	502	00091	093	+		+
Rhoose (Cardiff)	715	00091	101	+		+
Plymouth	827	00110	092	+		+
Chivenor	707	00101	104	+		+
St. Mawgan	817	00091	089	+		+
Culdrose	809	00101	082	+		+
Scilly	804	00131	083	+		+
Elmdon	534	00090	101	+		+
Shawbury	414	00100	098	+		+
Manchester	334	00091	096	+		+
Squires Gate	318	00091	093	+		+
Valley	302	00101	094	+		+
Ronaldsway	204	00090	073	+		+
Carlisle	222	00101	095	+		+
Watnall	354	00101	090	+		+
Spurn Head	396	91060	001	r_0r_0		id_0
Finningley	360	00091	061	+		+
Dishforth	261	97081	036	pr_0		+
Tynemouth	262	00061	034	+		+
Eskdalemuir	162	00091	099	+		+
Mull of Galloway	131	00101	///	/		/
Prestwick	135	00090	072	+		+
Renfrew	141	00111	079	+		+
Leuchars	171	00091	091	+		+
Dyce	091	97081	043	pr_0		+
Wick	075	00081	100	+		+
Cape Wrath	019	00090	///	+		+
Sule Skerry	010	00090	///	/		/
Lerwick	005	00081	111	+		+
Stornoway	026	00090	058	+		+
Benbecula	022	97091	031	+		ir_0
Tiree	100	00091	055	+		+
Aldergrove	917	00101	068	+		+
Malin Head	980	9710/	042	/		/
Belmullet	976	9311/	008	/		/
Birr	965	9711/	049	/		/
Collinstown	969	9711/	078	/		/
Rineanna	962	9111/	012	/		/
Roches Point	952	9710/	015	/		/
Valentia	953	0111/	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	50619	33112	63514	99031	95501	61500	00235	86825	/////	06156	13532	12744
B	50565	51012	62822	97268	04054	62400	00217	86815	/////	06562	12957	1////
C	50527	35512	83623	97514	85507	862//	00703	88704	/////	00105	13624	11943
D	50440	41012	72925	97808	08009	784//	00237	86815	/////	05805	12949	1////
I	50587	19012	72025	97216	99810	27438	81500	82710	87275	00110	16950	1////
J	50524	19812	82028	95026	09212	874//	00400	88712	/////	00211	12146	11855
K	50456	15412	71819	98022	26512	78546	00603	81830	87273	05009	11733	13454
M	53660	02012	12214	98020	21906	10901	00218	/////	/////	00000	12323	1////

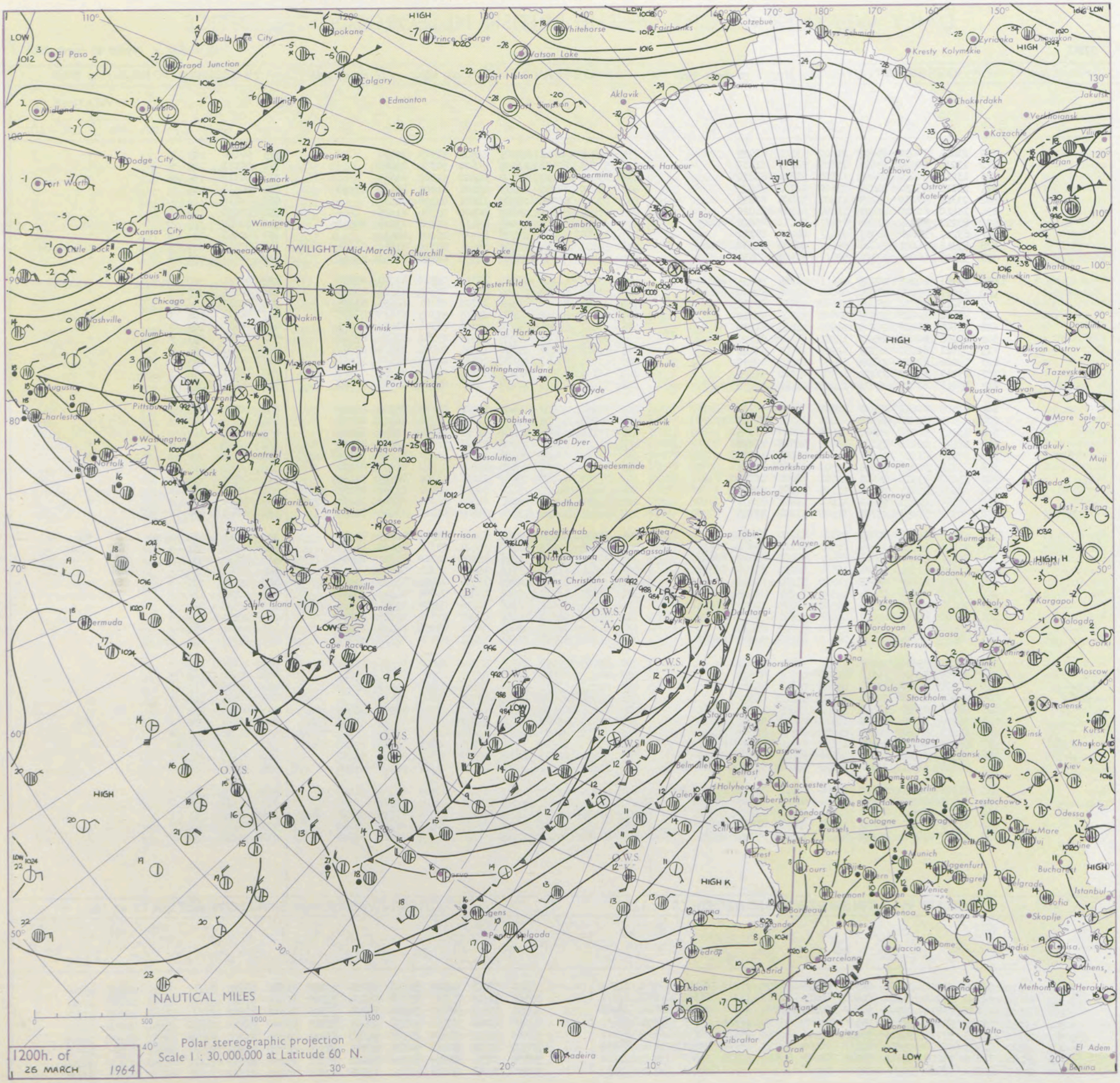
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33018	62520	98028	99051	62500	81212	86822	/////	06357	13633	13343
B	50565	51018	72725	97858	06156	72500	00214	87825	/////	06961	12735	1////
C	50527	35518	83432	94618	84705	8032/	00308	88508	/////	05304	13526	1////
D	50440	41018	82715	97808	10309	884//	00000	86815	84650	05904	12849	1////
I	50585	19018	81923	97606	99810	873//	41502	85706	88708	00110	16950	149/6
J	50522	20118	81817	96616	05711	873//	61720	88708	/////	00111	12045	11743
K	50458	14518	72018	98022	25012	755//	00608	87633	/////	05108	11833	12244
M	53660	02018	32118	98022	23506	22601	00106	/////	/////	05101	12134	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


CIVIL TWILIGHT (Mid-March)
HIGH
LOW
Whitehorse
Fairbanks
Kotzebue
Watson Lake
Fort Nelson
Fort Simpson
Aklavik
Calgary
Edmonton
Prince George
Spokane
Salt Lake City
Grand Junction
Dodge City
Fort Worth
Kansas City
Omaha
Bismarck
Winnipeg
Regina
Churchill
Inland Falls
Coppermine
Cape Parry
Gjoa Haven
Cambridge Bay
Resolute
Eureka
Thule
Nottingham Island
Port Harrison
Fort Chimo
Resolution
Cape Dyer
Godthaab
Frederikshab
Julianehaab
Prins Christians Sund
Cape Harrison
Anticosti
Goose
Stephenville
Sable Island
Cape Race
Bermuda
Chicago
Pittsburgh
Washington
Norfolk
Charleston
Nashville
Columbus
St. Louis
Minneapolis
Chile Rock
Ottawa
Montreal
New York
Boston
Augusta
Caribou
Yakutsk
Verkhoiansk
Kazachye
Zyrianka
Chokurdakh
Ostrov Kotelnyi
Ostrov Uedineniya
Ostrov Jachova
Kresty Kolymskie
Anadyr
Tazevskaya
Russkaia Gavan
Mare Sale
Malye Karmakuly
Muji
Dikson Ostrov
Khatanga
Dudinka
Barentsburg
Hopen
Bjornoya
Murmansk
Archangel
Kargapol
Kologda
Gorki
Moscow
Kursk
Kiev
Odessa
Oslo
Stockholm
Copenhagen
Belfast
Manchester
Holyhead
London
Cologne
Munich
Venice
Skoplje
Athens
Istanbul
Bucharest
Belgrade
Czestochowa
Tu Mare
Lisbon
Gibraltar
Madeira
Oran
Algiers
Malta
Barcelona
Madrid
Bordeaux
Brest
Paris
Valentia
Belmullet
Stornoway
Thorshavn
Jan Mayen
Reykjavik
Angmagssalik

CHARTS OF WEATHER IN WEST EUROPE

nation
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OUD
Cloud Amount (oktas)
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8–12
13–17
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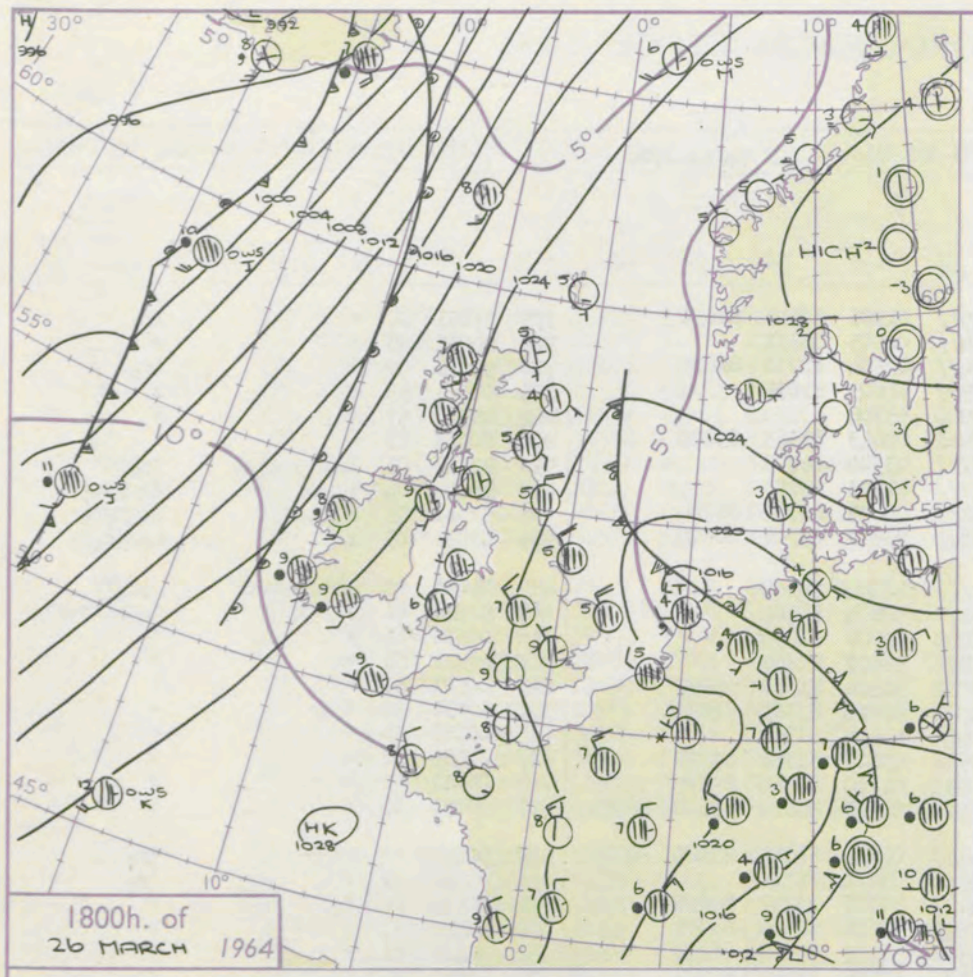

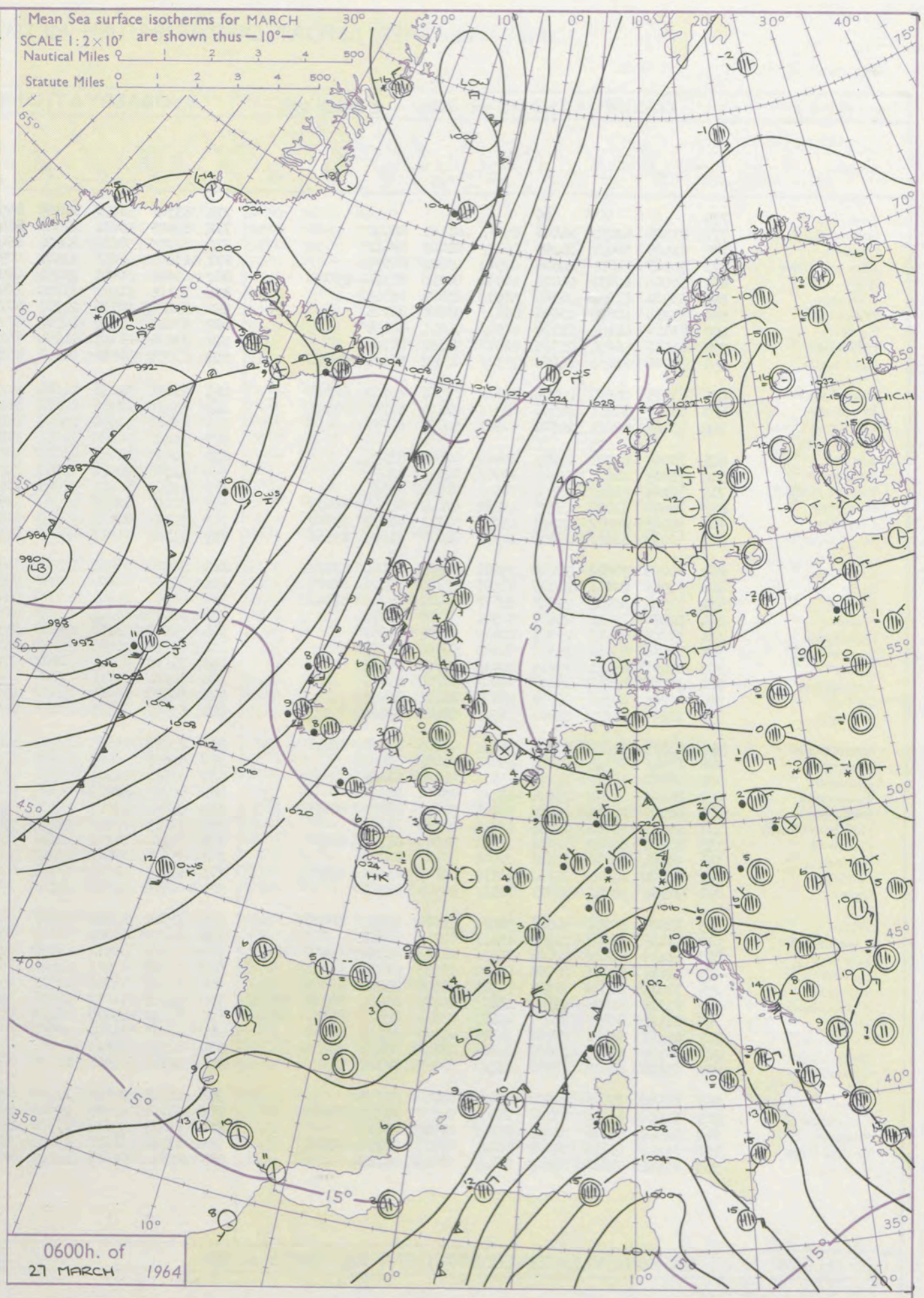

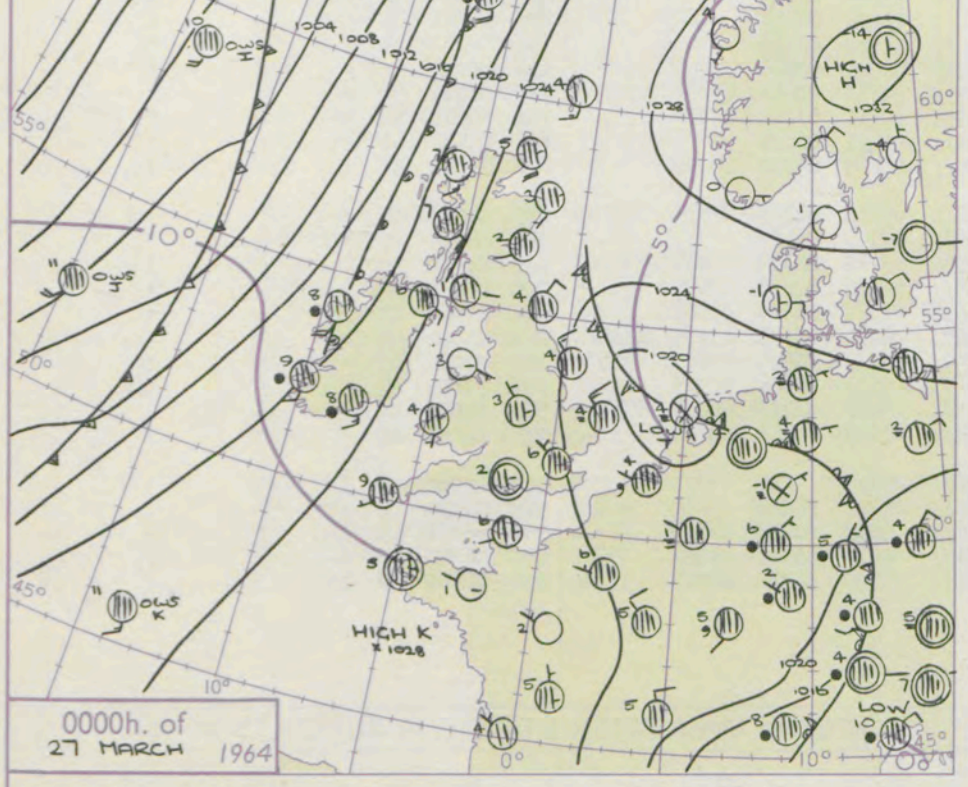

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Friday 27 March** 1964

The ridge of high pressure which was over western districts yesterday has moved to central England. Rising pressure over Scandinavia has resulted in development of an area of nearly uniform high pressure from the North Sea to the Bay of Biscay. Meanwhile the North Sea depression has turned southwest towards the Dover Straits while continuing to fill. Over western districts an increasing southerly flow has developed in advance of a complex system of lows over the eastern Atlantic. This southerly airstream is expected to make continued slow progress eastwards during the next 24 hours.

FORECAST for Great Britain and Northern Ireland until noon tomorrow.

Cloudy weather with some drizzle will persist over the Midlands and most eastern districts of England and Scotland. Western Scotland, Northern Ireland and parts of western Wales and southwest England will have rain at times. A belt of clearer weather will persist from southern England to southwest Scotland. It will be rather cold in the east but temperatures will be about normal elsewhere.

OUTLOOK for the following 24 hours.

Rain in western districts spreading slowly east. Mostly dry in the Midlands and eastern England but continuing cloudy in the east. Near normal temperatures except in the extreme east.

Code FM 11.A

OBSERVATIONS at 00h. 27 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	T_dT_dapp	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$8N_sC_hh_ss$
Kew	775			06					
London Airport	772	83306	62032	24406	856//	01101	88640		
Gatwick	776	83503	58021	24206	856//	01002	88632		
Thorney Island	871	53303	74011	24604	00902	03802	85075		
Hurn	862	50000	62031	24802	10931	00710	81364	85075	
Guernsey	894	63508	81032	26306	50932	03804	85365		
Wattisham	590	83214	40616	23004	863//	03005	88708		
Gorleston	497	83316	48102	21104	8092/	04211	88458		
Mildenhall	578	83411	56056	23305	863//	03102	88708		
Cardington	559	73006	61032	24605	755//	02002	86628	87650	
West Raynham	485	83513	26506	22704	871//	03306	86702	88704	
Wittering	462	83110	62211	24404	853//	02104	86709	88621	
Boscombe Down	746	43401	62011	25502	00901	52801	84072		
Ross-on-Wye									
Bristol	628	70000	61012	25205	00909	50801	87175		
Aberporth	502	71805	74022	25304	7097/	02807	87362		
Rhoose (Cardiff)	715	70105	80022	25703	7093/	00803	87360		
Plymouth	827	70000	62022	25705	40932	03809	84364	86075	
Chivenor	707	50903	82022	25705	15730	03711	81650	85360	
St. Mawgan	817	32002	80012	26006	11530	04710	81825	83360	
Culdrose	809	70000	72022	26206	25606	04609	82640	87272	
Scilly	804	82505	82031	26409	21507	05708	82820	88275	
Elmdon	534	73504	40042	25003	2567/	00002	82645	87360	
Shawbury	414	50000	74012	25451	00901	51708	85075		
Manchester	334	20000	40041	25203	10932	51702	81362		
Squires Gate	318	70000	59012	25550	00908	50000	87275		
Valley	302	11007	83011	25403	10931	02705	81362		
Ronaldsway	204	30000	82012	25200	00902	50702	83075		
Carlisle	222	40705	66011	26202	00901	00801	84075		
Watnall	354	70205	56022	25204	755//	02400	87620		
Spurn Head	396	83315	32202	23304	7642/	03205	87710	88558	
Finningley	360	83512	56025	25005	855//	03103	88623		
Dishforth	261	73610	56042	25304	755//	02000	87626		
Tynemouth	262	80110	61022	25904	855//	02801	88625		
Eskdalemuir	162	60000	74012	26401	35501	51802	83628	86071	
Mull of Galloway	131	10505	81011	25206	10940	03204	81360		
Prestwick	135	60902	60042	24901	10932	51000	81360	86070	
Renfrew	141	40804	58041	25403	00908	02203	84270		
Leuchars	171	82602	62022	25702	30937	01805	83362	88275	
Dyce	091	71905	58041	26503	764//	01505	87717		
Wick	075	71620	80021	24905	50932	51804	85360	87070	
Cape Wrath	049	61405	83022	21505	655//	02714	86625		
Sule Skerry	010	61419	81012	22206	36536	04711	83720	85360	86070
Lerwick	005	41815	82011	26004	48400	00803	81818	84635	
Stornoway	026	71617	80022	21407	7097/	02608	85359	87362	
Benbecula	022	81524	82026	19807	4567/	03708	81635	86359	88462
Tiree	100	81522	80032	21207	4567/	03811	84635	85360	88462
Aldergrove	917	81401	66032	23806	4567/	01803	84640	87460	
Malin Head	980	81616	69605	20807	5566/	03810	85640	88460	
Belmullet	976	81820	61615	17908	863//	07815	88709		
Birr	965	81606	70606	22507	874//	05712	88715		
Collinstown	969	70000	64052	23607	20932	01807	82359	87070	
Rineanna	962	81412	59616	21208	856//	07718	88633		
Roches Point	952	81613	61616	23008	864//	07719	84710	88628	
Valentia	953	81811	59616	20309	864//	08716	88710		

OBSERVATIONS at 06h. 27 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	T_dT_dapp	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$8N_sC_hh_ss$
Kew	775	83306	58022	22805	855//	01506	87623	88630	
London Airport	772	82805	56032	22803	864//	02505	88717		
Gatwick	776	82705	58031	22804	854//	02504	82718	88630	
Thorney Island	871	13401	48051	23501	00902	51603	81075		
Hurn	862	00000	50021	23452	00900	53708			
Guernsey	894	33105	81030	23704	10942	02613	81365	83075	
Wattisham	590	83408	20106	21703	872//	03504	88705		
Gorleston	497	93613	03476	20704	9////	04703	89/03		
Mildenhall	578	83506	48105	21804	861//	01605	86702	88704	
Cardington	559	83304	50616	22904	853//	03507	85708	88612	
West Raynham	485	93611	01456	21504	9////	04604	89/00		
Wittering	462	83410	17216	22804	861//	01604	88702		
Boscombe Down	746	13301	50050	23800	00901	52708	81075		
Ross-on-Wye	627	32202	70020	24051	10971	52607	81460		
Bristol	628	30000	48051	23600	10932	52504	81360	83075	
Aberporth	502	61706	89012	22803	30972	01614	83362	84075	
Rhoose (Cardiff)	715	10803	66011	23901	10940	51504	81360		
Plymouth	827	70000	62022	23303	10938	03608	81362	87275	
Chivenor	707	51103	80012	23503	10931	02710	81360	85075	
St. Mawgan	817	81302	74011	23305	21527	04713	82820	84460	88275
Culdrose	809	80000	66022	23305	11457	04611	81818	83360	88272
Scilly	804	82507	81606	22808	855//	06714	88620		
Elmdon	534	80000	16101	23900	854//	50705	85712	88620	
Shawbury	414	30000	66021	24053	10931	53606	81366	83075	
Manchester	334	70000	13101	23700	755/2	51507	83620	86650	
Squires Gate	318	61006	11104	23852	10932	52608	81365	86077	
Valley	302	71008	85021	22602	25672	51611	82635	86462	
Ronaldsway	204	71311	80021	22705	1647/	03612	81711	87362	
Carlisle	222	50000	58011	24500	15631	50611	81640	85075	
Watnall	354	83607	11515	23203	862//	03505	88704		
Spurn Head	396	83610	16105	22704	864//	04704	88710		
Finningley	360	83607	20205	23604	872//	03607	88705		
Dishforth	261	83607	16102	23804	862//	03603	88704		
Tynemouth	262	80707	58022	24304	864//	03704	88715		
Eskdalemuir	162	80000	66032	24301	864//	51612	88712		
Mull of Galloway	131	71415	78021	23104	7553/	03706	87620		
Prestwick	135	71207	70021	22302	15731	50613	81650	83365	87070
Renfrew	141	50604	37041	23202	10931	00711	81365	85070	
Leuchars	171	81405	66022	23704	855//	01611	88620		
Dyce	091	81806	56042	24403	854//	01609	85712	88620	
Wick	075	71618	69022	22304	464/2	00611	84710	87070	
Cape Wrath	049	61402	83022	19107	656//	01709	86630		
Sule Skerry	010	51409	81012	20205	36536	03719	83720	84360	85070
Lerwick	005	71717	82031	24504	755//	01606	82620	87628	
Stornoway	026	71518	78026	18507	1563/	02612	81645	87362	
Benbecula	022	71529	74012	16506	3567/	03717	83635	83359	87362
Tiree	100	81427	80012	18107	5557/	05715	81620	81645	88460
Aldergrove	917	81411	74036	20606	7547/	05716	87616	88459	
Malin Head	980	81513	71616	17906	6647/	05617	81718	86640	88460
Belmullet	976	81716	69606	14608	864//	07713	84713	88630	
Birr	965	81508	70616	19207	874//	05614	88714		
Collinstown	969	81406	69616	20806	855//	05717	88628		
Rineanna	962	81613	59616	17908	854//	07613	82715	88635	
Roches Point	952	81911	61616	19408	3647/	07716	83712	88458	
Valentia	953	81614	62616	16109	864//	08720	84710	88715	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97051	04	+	ir_o
London Airport	772	00031	03	+	+
Gatwick	776	97031	02	+	ir_o
Thorney Island	871	00001	55	+	+
Hurn	862	00520	57	+	+
Guernsey	894	00031	52	+	+
Wattisham	590	92032	03	$ir_or_or_od_od_o$	id_oid
Gorleston	497	93042	04	id_odd	$d_od_oid_o$
Mildenhall	578	97041	03	$id_od_od_o$	$id_od_od_o$
Cardington	559	97031	03	id_o	$r_or_od_or_o$
West Raynham	485	01031	03	$drdrd_od_oif$	d_od_oFF
Wittering	462	92031	01	ir_oid_o	$d_od_odrr_or_o$
Boscombe Down	746	00511	56	+	+
Ross-on-Wye	627	00521	58	+	+
Bristol	628	00501	57	+	+
Aberporth	502	00031	52	+	+
Rhoose (Cardiff)	715	00011	53	+	+
Plymouth	827	00030	52	+	+
Chivenor	707	00031	52	+	+
St. Mawgan	817	00051	02	+	+
Culdrose	809	97051	03	+	ir_o
Scilly	804	94081	//	+	ir_o
Elmdon	534	00511	56	+	+
Shawbury	414	00531	57	+	+
Manchester	334	00501	51	+	+
Squires Gate	318	00521	56	f	f
Valley	302	00021	51	+	+
Ronaldsway	204	97510	54	+	+
Carlisle	222	00511	53	+	+
Watnall	354	97031	02	+	d_od_oif
Spurn Head	396	97041	//	id_o	FF
Finningley	360	97041	02	id_o	$d_od_oid_o$
Dishforth	261	97041	03	+	id_o
Tynemouth	262	00041	04	+	+
Eskdalemuir	162	00511	54	+	+
Mull of Galloway	131	00040	//	/	/
Prestwick	135	00511	54	+	+
Renfrew	141	00011	52	+	+
Leuchars	171	00011	51	+	+
Dyce	091	97011	54	+	ir_o
Wick	075	00031	02	+	+
Cape Wrath	049	00040	03	+	+
Sule Skerry	010	00050	03	/	/
Lerwick	005	00031	02	+	+
Stornoway	026	97060	05	ir_o	+
Benbecula	022	97061	05	+	ir_o
Tiree	100	97061	05	+	ir_o
Aldergrove	917	97051	03	+	ir_o
Malin Head	980	92061	05	/	/
Belmullet	976	05081	08	/	/
Birr	965	02061	06	/	/
Collinstown	969	01051	02	/	/
Rineanna	962	06071	07	/	/
Roches Point	952	06071	07	/	/
Valentia	953	12082	07	/	/

CONVE TAB

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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	$N_hC_lh_CC_MC_H$	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	60619	33000	80115	98012	01051	11507	00801	81825	88270	06456	10132	13545
B	60565	51000	63120	97028	10355	62500	00224	86820	/////	06759	12846	1////
C	60527	35500	83143	97616	93804	6732/	00247	86708	88540	05401	18251	1////
D	60440	41000	83016	97218	09609	855//	00103	88620	/////	05905	12856	1////
I	60587	19000	81818	98206	00410	854//	81602	88625	83714	00110	11835	11967
J	60524	20000	82020	97026	03211	855//	00614	88630	/////	00111	12045	11743
K	60459	13800	81716	98026	23011	885//	53721	83820	88630	05108	11722	13333
M	63660	02000	41816	98022	24706	42600	00102	/////	/////	05201	11834	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	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	60618	33106	80127	96702	95450	8097/	00734	88458	/////	06351	10133	13545
B	60565	51006	62920	97028	15255	62400	00115	86815	/////	06761	12946	1////
C	60527	35506	83135	97852	99003	6732/	00229	83808	83715	05652	18250	1////
D	60440	41006	63323	97026	14608	68400	00230	82815	81640	06004	13335	12865
I	60588	19006	81517	97616	95110	864//	00729	88712	/////	05010	11547	11945
J	60526	20106	81829	97636	97111	853//	00730	84708	87630	00011	11744	12054
K	60456	14406	81823	97022	17012	885//	53732	83820	88630	00009	11834	13333
M	63660	02006	61818	98032	23706	68500	00604	/////	/////	05104	11834	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37382

Date of Issue Saturday 28 March 1964

ERSION
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Code FM 11.A — OBSERVATIONS at 12h. 27 March 1964

	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
104	Kew	775	83204	32056	21906	853//	03808	86708	88620	
102	London Airport	772	82805	32202	22005	872//	03810	83705	88706	
100	Gatwick	776	83504	37056	22205	863//	03707	86708	88711	
99	Thorney Island	871	83601	50051	22406	855//	03807	84620	88640	
97	Hurn	862	73305	62031	22209	41509	01714	84828	84075	
95	Guernsey	894	73206	82032	22408	11446	02612	81818	87270	
93	Wattisham	590	80102	48015	21205	852//	04807	82705	86708	88625
91	Gorleston	497	80908	06464	21705	861//	04002	88702		
90	Mildenhall	578	80302	56205	21406	863//	04603	84706	88712	
88	Cardington	559	83505	56506	22006	862//	04608	84703	86705	88708
86	West Raynham	485	80710	58015	21504	853//	04703	84706	85710	88615
84	Wittering	462	83606	32205	22005	862//	04809	83703	88704	
82	Boscombe Down	746	71002	61021	22507	755//	01711	84620	87635	
81	Ross-on-Wye	627	70806	57021	21408	58631	02719	84830		
79	Bristol	628	70000	58051	21608	11636	01719	81835	86365	87275
77	Aberporth	502	81812	83212	20907	8097/	02714	83362	88464	
75	Rhoose (Cardiff)	715	71308	50041	21607	10972	02615	81365	87270	
73	Plymouth	827	71808	74022	21509	28478	05715	81818	83463	87275
72	Chivenor	707	71505	82012	21410	11538	02716	81825	84360	87275
70	St. Mawgan	817	81411	59602	21507	6842/	06710	82816	85620	88459
68	Culdrose	809	82407	59616	21408	853//	07712	85707	88620	
66	Scilly	804	81911	61616	20808	4542/	07715	84618	88545	
64	Elmdon	534	73302	20052	22305	754//	03813	84710	87656	
63	Shawbury	414	61008	57041	21907	615/1	02819	86825		
61	Manchester	334	62202	28042	22106	65600	02811	86640		
59	Squires Gate	318	71112	23052	21907	754//	05716	83715	87645	
57	Valley	302	71712	82022	20609	15632	04713	81635	83650	87070
55	Ronaldsway	204	81317	64022	21106	1647/	02610	81715	88360	
54	Carlisle	222	80906	37052	22607	885//	03814	82820	88640	
52	Watnall	354	80803	32215	22205	872//	03808	83703	88708	
50	Spurn Head	396	81108	28104	22605	864//	04701	88710		
48	Finningley	360	80206	19505	22605	873//	04710	86707	88710	
46	Dishforth	261	81205	58045	23006	855//	03708	82625	88630	
45	Tynemouth	262	81407	48102	23705	864//	04806	88712		
43	Eskdalemuir	162	81306	56052	22405	854//	02810	87714	88628	
41	Mull of Galloway	131	81715	66032	20506	855//	03610	88625		
39	Prestwick	135	71512	47032	20508	18672	00713	81835	84360	87075
37	Renfrew	141	71308	58042	21209	21538	01719	82825	83362	86272
36	Leuchars	171	81511	56052	22806	854//	03809	81712	86618	88625
34	Dyce	091	71514	48026	23906	753//	03604	85709	87615	
32	Wick	075	71718	56022	21705	764//	01702	87710		
30	Cape Wrath	049	50000	83021	17711	25608	07508	82630	85270	
28	Sule Skerry	010	51413	74022	19807	365/6	02702	83720	85070	
27	Lerwick	005	81719	58021	24005	854//	04705	85612	88625	
25	Stornoway	026	81720	80022	17808	6557/	01803	82627	86656	87359
23	Benbecula	022	81532	66616	15806	4542/	05705	82617	83630	88459
21	Tiree	100	81430	59606	17006	4532/	04708	82708	83616	88550
19	Aldergrove	917	81415	61616	18807	862//	06709	84705	88709	
18	Malin Head	980	81518	80606	15808	3147/	06713	83819	88460	
16	Belmullet	976	81620	80616	11409	863//	08715	81706	85717	88637
14	Birr	965	81507	66616	16609	6742/	07714	85741	86630	88458
12	Collinstown	969	81513	62616	18507	7622/	06713	84704	85710	88525
10	Rineanna	962	81515	62606	15010	854//	08715	82711	85622	88645
9	Roches Point	952	81614	62606	17408	874//	08710	88713		
7	Valentia	953	81618	59616	13410	863//	09715	88708		

OBSERVATIONS at 18h. 27 March 1964

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
775	80000	24052	20307	863//	03607	86708	88715	
772	80000	40042	19806	856//	03610	84630	88650	
776	80801	28042	20206	855//	03605	82629	88647	
871	81902	48052	20306	857//	04507	88656		
862	71606	56052	20207	64601	03804	86638		
894	70000	81022	19907	30972	03611	81364	83468	87072
590	71208	48012	20405	756//	04606	87630		
497	81110	48104	21504	854//	04602	88612		
578	80000	59032	20006	855//	04606	85625	88645	
559	80000	37506	20205	855//	05607	87625	88635	
485	80809	23506	20605	852//	04703	82705	86707	88615
462	80604	37602	20305	852//	04704	82705	86708	88630
746	71003	56022	20106	68531	03609	83825	85645	86075
627	61005	57051	19007	00901	03611	86075		
628	60806	56052	19008	21632	03511	82835	83365	85075
502	81609	66632	18306	5522/	04611	81705	84645	88557
715	81002	66012	18908	8097/	01614	86360	88465	
827	81605	40616	18907	3842/	06711	82815	88545	
707	80000	59616	19007	5552/	06612	84620	88558	
817	81609	59616	18507	853//	06713	85708	88615	
809	82106	40616	18407	862//	07716	86704	88711	
804	81913	48636	17508	852//	08717	85705	88615	
534	80703	32042	20105	25537	03610	82620	85360	88275
414	71010	28042	19307	00909	03614	87170		
334	81006	28041	19906	55607	02506	85635	88270	
318	71113	28042	19206	50938	04612	85363	87275	
302	81609	61636	17907	7547/	05716	83618	87640	88459
204	81409	37602	18407	6542/	04715	81715	86650	88458
222	81507	38052	20107	856//	03611	83630	88640	
354	80000	19035	20005	854//	04710	83710	88625	
396	80908	10104	21104	863//	04709	88708		
360	80905	58045	20806	855//	04608	88623		
261	81309	40105	21005	854//	04608	86710	88616	
262	81413	16105	21205	864//	04715	88715		
162	81501	58052	20105	854//	02608	83714	88626	
131	81715	60022	18505	864//	04710	88715		
135	71307	58022	18407	45656	02508	82635	84645	86360
141	71508	56042	18608	38576	02713	81825	84360	87272
171	81315	40055	20305	853//	04711	85708	88615	
091	81518	40055	21705	853//	03710	87708	88620	
075	21414	43051	19505	16301	04708	81708		
049	41410	83021	15908	45600	04709	84630		
010	61419	66032	17408	36406	04711	83715	86070	
005	71721	62022	23105	725//	01604	87825		
026	81713	74606	16007	8097/	04610	85358	88460	
022	81432	69606	13606	3542/	04813	81716	83623	88558
100	81430	59616	14606	5732/	05712	82709	85716	88550
917	81515	58616	16306	862//	05713	84705	88709	
980	81419	69616	13507	5847/	06614	82719	83823	85645
976	81516	61516	09409	5732/	08509	82706	85711	88540
965	81511	70606	13709	874//	07616	85714	88630	
969	81513	59616	16007	872//	06613	83704	85706	87625
962	81415	66616	12110	874//	08614	84715	88630	
952	81517	16586	14008	861//	08718	88702		
953	81613	24616	10210	863//	09613	88706		

OBSERVATIONS during DAY

iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97071	000	$r_0r_0id_0$	+
772	97071	000	d_0	d_0r_0
776	97071	000	+	ir_0
871	00081	010	+	+
862	00090	///	+	+
894	00101	059	+	+
590	00062	///	+	+
497	00051	000	ff	+
578	93071	000	$d_0d_0id_0$	$id_0d_0d_0d_0r_0$
559	91061	000	id_0	ir_0id_0
485	97061	000	id_0	ir_0id_0
462	97061	000	$id_0d_0d_0$	$ir_0id_0d_0d_0$
746	00081	033	+	+
627	00091	053	+	+
628	00100	037	+	+
502	03082	001	ir_0	$ir_0rrr_0r_0$
715	00091	051	+	+
827	03091	005	r_0	r_0r_0rr
707	03121	009	id_0ir_0	$ir_0r_0r_0$
817	05092	000	r_0r_0	r_0r_0rr
809	08092	000	$ir_0r_0r_0$	r_0r_0
804	08092	000	r_0r_0	$ir_0r_0r_0rr$
534	00071	001	+	+
414	00091	041	+	+
334	00091	013	+	+
318	00091	006	+	+
302	01101	007	+	r_0r_0rr
204	92071	001	+	r_0r_0
222	00081	000	+	+
354	97051	002	ir_0	$id_0d_0d_0$
396	97050	000	FFff	ff
360	97061	000	d_0d_0	+
261	97061	000	id_0	id_0
262	97051	000	id_0	d_0d_0
162	00061	000	+	+
131	97071	///	/	/
135	00090	030	+	+
141	00111	045	+	+
171	97061	001	+	id_0
091	97061	002	id_0	id_0
075	00071	063	+	+
049	00110	///	+	+
010	00090	///	/	/
005	00061	000	+	+
026	97090	003	+	ir_0
022	01071	000	$ir_0r_0r_0$	$ir_0r_0r_0$
100	02061	000	$ir_0r_0r_0$	$ir_0r_0r_0d_0r_0d_0r_0$
917	04082	000	$ir_0r_0r_0$	r_0r_0
980	0209/	000	/	/
976	0510/	000	/	/
965	0209/	000	/	/
969	0407/	000	/	/
962	0411/	000	/	/
952	0309/	000	/	/
953	1810/	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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60615	33212	80134	93717	91600	873//	00824	88706	/////	06150	15140	1////
B	60565	51012	73018	97858	17855	72500	00114	87820	/////	06662	13146	1////
C	60527	35512	73140	97858	05805	72500	00234	87830	/////	05955	18151	1////
D	60440	41012	73323	97022	22408	78400	00234	83815	87630	06001	13236	1////
I	60589	19012	81617	97036	93610	853//	81706	87709	88620	00109	11624	11957
J	60526	19912	52225	98031	00011	38401	51303	82813	83630	00007	12245	11753
K	60451	15412	81821	96612	14911	6742/	53712	86810	88557	05011	11834	12733
M	63660	02012	31918	98022	24407	12601	00207	/////	/////	00102	11945	1////

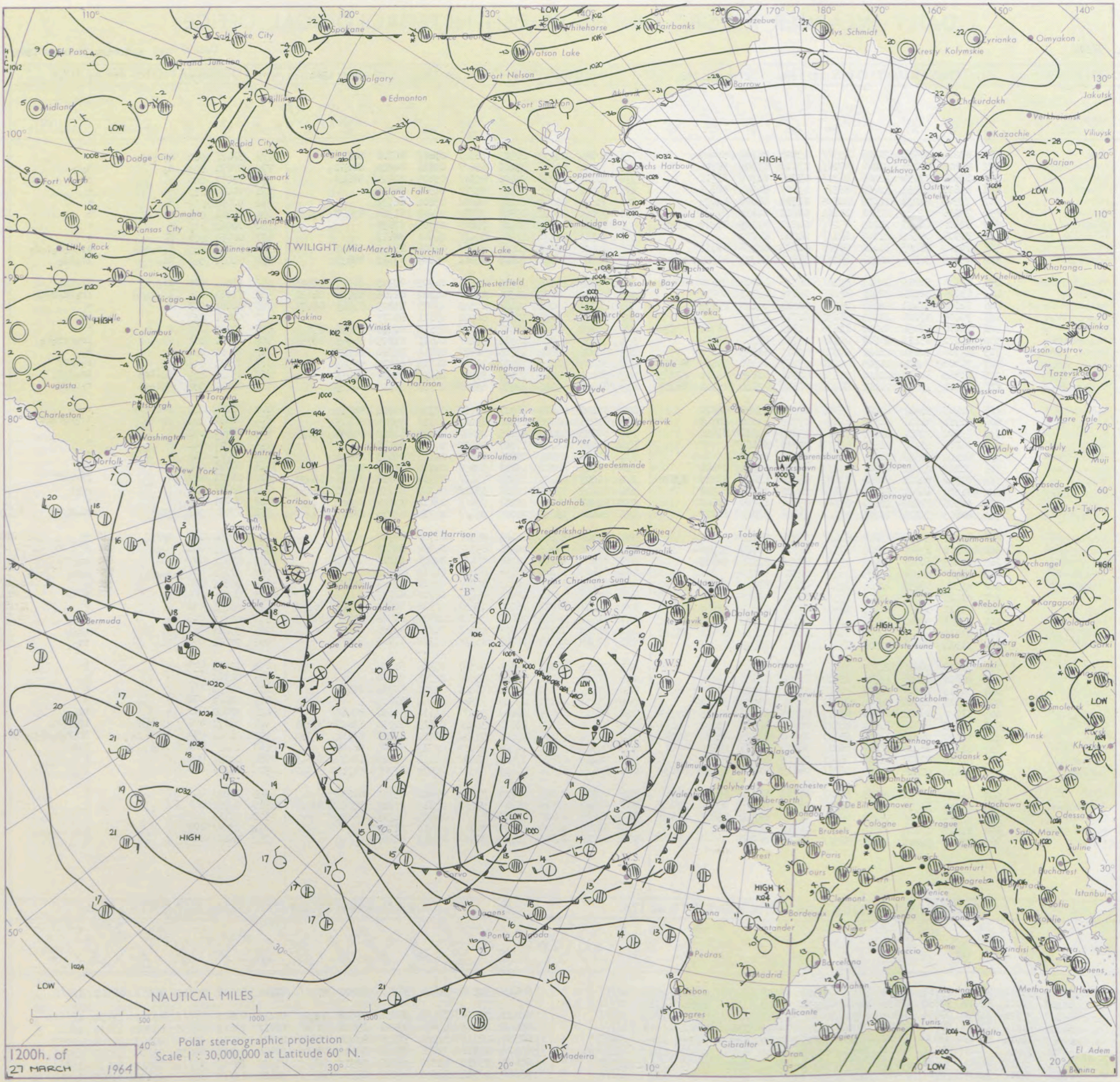
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60615	32218	83440	94717	92200	873//	81208	82706	85710	06153	18552	1////
B												
C	60527	35518	73135	97858	09503	72400	00215	87815	/////	05753	18150	1////
D	60440	41018	83015	97022	25010	3142/	00112	83815	88458	05802	13035	1////
I	60590	18918	31921	98036	92910	36401	00304	83710	/////	00107	11924	12057
J	60526	20118	72224	98021	00510	78500	00400	84820	83630	05108	12245	11753
K	60449	15818	82020	95026	09912	863//	51525	88707	/////	00012	12033	12733
M	63660	02018	81920	97022	24906	885//	00400	/////	/////	05002	11945	12644

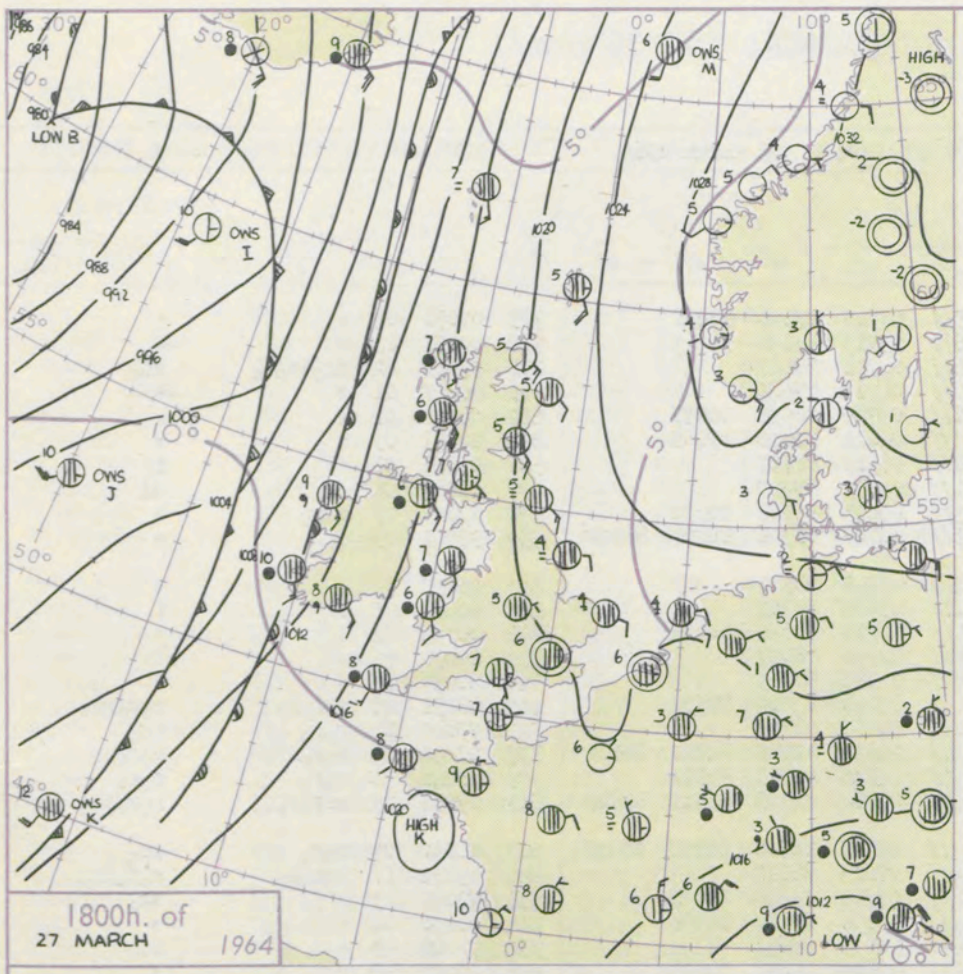
All times of observation printed in this publication are GREENWICH MEAN TIME.

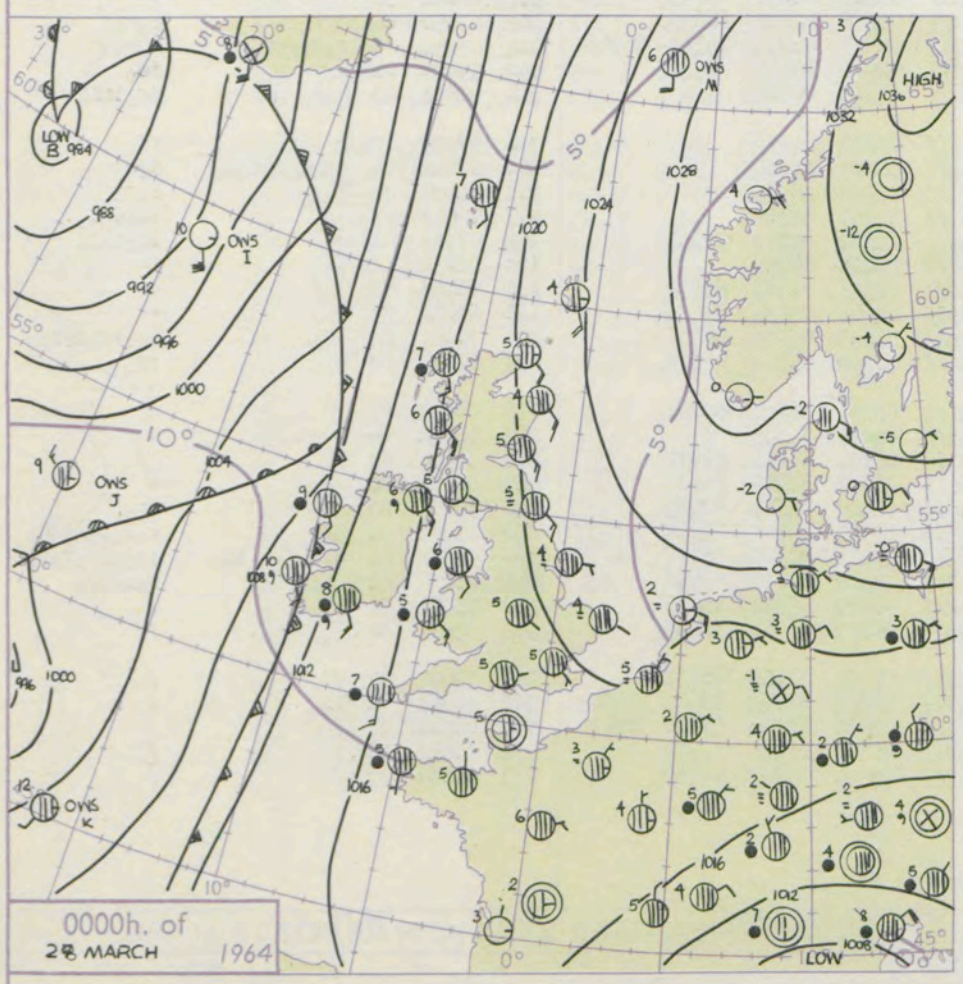
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

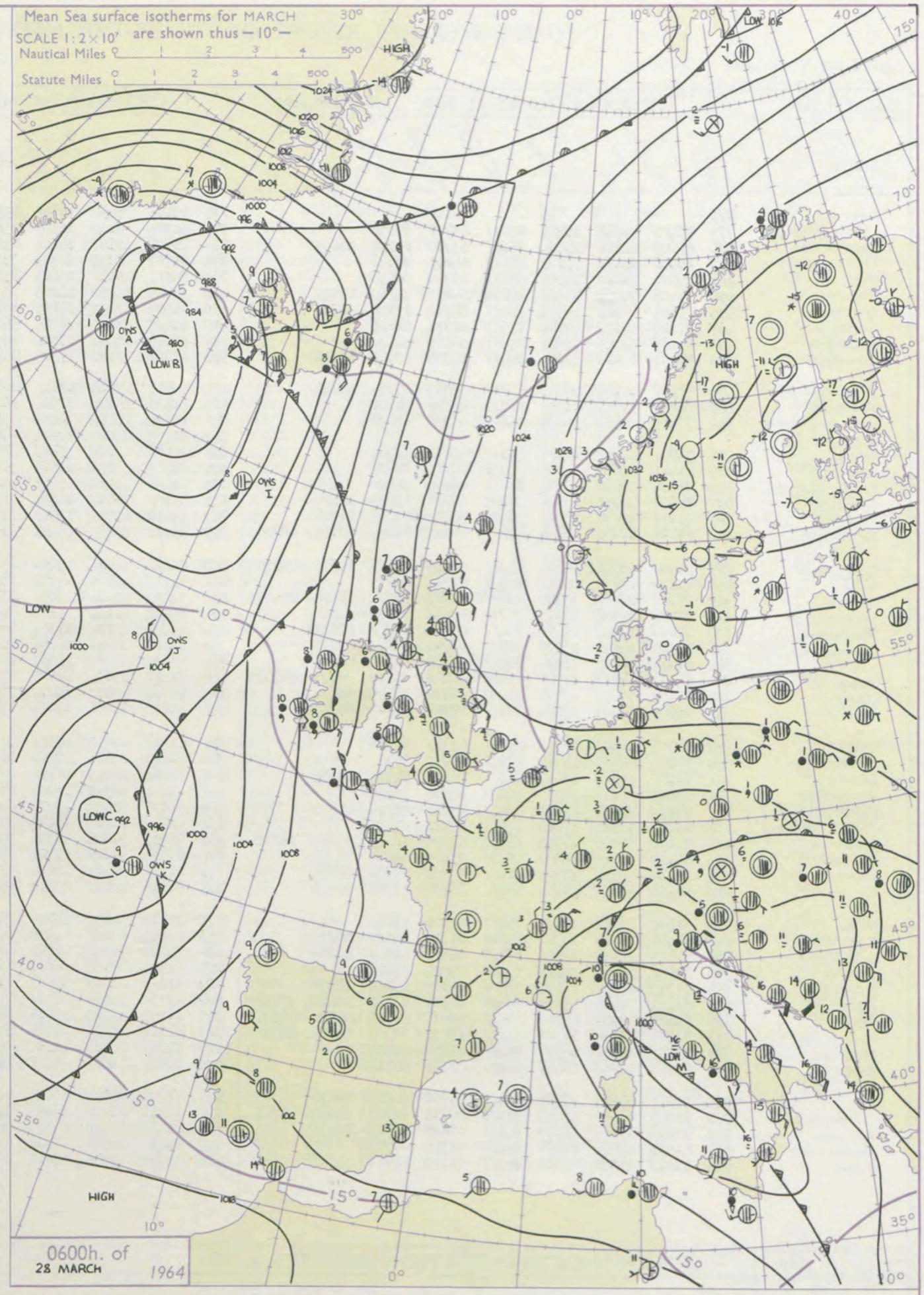
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Saturday 28 March** 1964

A ridge of high pressure has been maintained from Scandinavia across the North Sea to the Bay of Biscay. The complex Atlantic low pressure system has made little progress eastwards, and is expected to become somewhat retrograde as one centre moves northwest towards Greenland and another southeast towards Portugal. Another depression forming in the central Mediterranean is expected to move north towards the southeast of France, with fall of pressure over western Europe but probable continued ridging over Scotland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Mainly cloudy weather will continue in all areas, although a few breaks are probable in northwest England and west Scotland tomorrow. Rain in southwest England and Wales will die out gradually, but eastern coastal districts of England and Scotland may have a little rain or drizzle at times. Temperatures will be mostly below normal and it will be cold in the east.

OUTLOOK for following 24 hours

Mainly dry with some sunny intervals in the west and temperatures below normal. Cold and cloudy in the east with some rain at times, chiefly in the southeast.

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

Code FM 11.A

OBSERVATIONS at 00h. 28 March 1964

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			05					
London Airport	772	81405	32046	19205	857//	03711	88650		
Gatwick	776	80000	24106	19304	852//	03710	83704	88638	
Thorney Island	871	80000	23052	19105	856//	04811	88648		
Hurn	862	80601	56042	18905	856//	03710	88636		
Guernsey	894	71408	70022	18306	40972	05813	84362	87072	
Wattisham	590	81104	28102	20004	862//	04711	83704	88708	
Gorleston	497	81102	40102	20504	855//	04711	88625		
Mildenhall	578	81103	48055	19605	855//	04805	88627		
Cardington	559	81103	13105	19504	854//	04709	83710	88630	
West Raynham	485	81107	26105	20003	852//	03807	85705	88635	
Wittering	462	80803	11286	19504	861//	04709	88702		
Boscombe Down	746	70000	32052	19304	756//	03709	87630		
Ross-on-Wye									
Bristol	628	81602	48052	18105	809//	03810	88462		
Aberporth	502	81413	62636	16805	8072/	03715	88550		
Rhoose (Cardiff)	715	81406	56612	18105	857//	04806	88650		
Plymouth	827	81107	40616	17006	3732/	06716	83709	88520	
Chivenor	707	81207	56616	17506	3742/	05712	83715	88524	
St. Mawgan	817	81610	50636	16906	852//	06812	84704	86707	88614
Culdrose	809	81602	50616	16606	853//	06713	83706	85709	88620
Scilly	804	81813	61636	15607	854//	07716	88615		
Elmdon	534	81302	24042	18905	6542/	04709	82712	85626	88465
Shawbury	414	70704	16102	18403	757//	03611	87656		
Manchester	334	71207	56042	18405	754//	02710	83715	87631	
Squires Gate	318	71208	24042	18503	40932	02706	84362	87070	
Valley	302	81611	61636	17206	854//	05707	84618	88625	
Ronaldsway	204	81408	64616	17406	6542/	05808	82714	86623	88457
Carlisle	222	81109	59052	19504	25507	02708	82640	88270	
Watnall	354	80905	17205	19204	871//	04708	84702	88704	
Spurn Head	396	80907	16102	20104	863//	03710	88706		
Finningley	360	80904	28585	19605	872//	04811	88703		
Dishforth	261	81208	28102	20004	863//	03709	84706	88709	
Tynemouth	262	81415	48102	20705	864//	04705	88712		
Eskdalemuir	162	81202	58052	19703	854//	01606	85714	88632	
Mull of Galloway	131	81711	58616	17205	874//	04711	88710		
Prestwick	135	81108	58042	17705	45577	03706	84625	86360	88270
Renfrew	141	81105	58042	18406	4573/	03804	84640	88360	
Leuchars	171	81314	44052	19905	863//	03708	86706	88715	
Dyce	091	81416	48052	21404	853//	02805	83709	88615	
Wick	075	71422	58052	19605	755//	03505	87625		
Cape Wrath	049	61410	83022	15407	35608	05702	83630	86270	
Sule Skerry	010	61424	74032	17106	4351/	04703	84920	86070	
Lerwick	005	51622	66012	23104	55500	01804	85622		
Stornoway	026	81713	63606	15607	3552/	04705	83624	88458	
Benbecula	022	81431	58616	13305	6542/	04709	84712	86618	88459
Tiree	100	81427	59206	14206	6542/	05806	81710	86618	88540
Aldergrove	917	81514	58516	14906	862//	05709	82705	86706	88710
Malin Head	980	81315	66586	13307	863//	06302	88709		
Belmullet	976	81713	66605	08709	864//	08707	88712		
Birr	965	81511	69215	12308	864//	06706	84715	88630	
Collinstown	969	81515	61516	14407	871//	06711	81702	84703	88704
Rineanna	962	81414	80036	10509	8041/	07609	83713	88635	
Roches Point	952	81616	40586	12408	862//	08714	88703		
Valentia	953	81612	24586	09010	862//	09710	88705		

OBSERVATIONS at 06h. 28 March 1964

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	81006	35052	16605	855//	03710	87628	88460	
London Airport	772	80706	37042	16505	856//	03713	83630	88643	
Gatwick	776	80708	19102	16404	856//	04711	88647		
Thorney Island	871	70703	28102	16105	756//	04713	87645		
Hurn	862	80000	20052	15604	856//	03719	86635	88657	
Guernsey	894	70705	58052	14805	2557/	04614	82620	87462	
Wattisham	590	80607	07462	17603	861//	03610	88702		
Gorleston	497	80807	11102	18204	864//	04709	88710		
Mildenhall	578	81002	28052	17604	853//	03605	85707	88630	
Cardington	559	81105	17102	17304	853//	04707	81706	86708	88620
West Raynham	485	80903	17102	17803	862//	03709	88704		
Wittering	462	81107	16104	17504	861//	03706	88702		
Boscombe Down	746	80902	23052	16203	856//	02714	84630	88645	
Ross-on-Wye	627	80702	24052	15904	8082/	02610	88457		
Bristol	628	70906	17102	15703	7097/	02612	87359		
Aberporth	502	81515	50636	14005	3642/	03620	83710	88530	
Rhoose (Cardiff)	715	81406	13212	15405	861//	04610	88702		
Plymouth	827	80906	56616	14205	5732/	04611	82709	84712	88530
Chivenor	707	81208	61616	15005	2742/	04715	82715	88521	
St. Mawgan	817	81612	59616	13406	852//	05716	84705	86711	88625
Culdrose	809	81606	58216	13006	853//	05717	84708	86710	88620
Scilly	804	81713	61606	12307	854//	07613	88612		
Elmdon	534	81202	19102	16804	854//	03709	86618	88630	
Shawbury	414	80902	11102	16103	853//	03608	85708	88620	
Manchester	334	80705	40202	16304	856//	02609	88635		
Squires Gate	318	81010	30042	16504	856//	03609	85630	88645	
Valley	302	81206	58616	15005	854//	05608	83618	88625	
Ronaldsway	204	81217	23616	15605	872//	05608	82704	86706	88708
Carlisle	222	80000	59052	18004	856//	02606	88648		
Watnall	354	81103	11206	17004	871//	04705	88702		
Spurn Head	396	91414	02454	18503	9////	03709	89///		
Finningley	360	81013	24106	18004	862//	04505	88704		
Dishforth	261	81210	28212	18104	872//	03608	88705		
Tynemouth	262	81418	48515	18904	863//	04706	88708		
Eskdalemuir	162	81203	58052	18003	854//	01606	85712	88628	
Mull of Galloway	131	81715	50606	15405	874//	03418	88710		
Prestwick	135	71007	59042	16304	75478	02605	81618	87650	
Renfrew	141	80706	56042	17305	3567/	02604	83634	88462	
Leuchars	171	81312	26605	18804	872//	03503	85704	88706	
Dyce	091	81414	48052	20504	854//	02500	86710	88618	
Wick	075	71517	56052	18904	556/2	03301	85630	87070	
Cape Wrath	049	61410	83022	15005	655//	04400	86625		
Sule Skerry	010	61524	61022	16406	4746	03704	84715	86070	
Lerwick	005	81620	66032	22604	856//	01601	83710	88630	
Stornoway	026	81608	61606	15207	856//	04400	84711	88633	
Benbecula	022	81525	48586	13406	7732/	05302	84707	87712	88530
Tiree	100	81427	40585	13806	863//	05501	83707	88712	
Aldergrove	917	81312	58616	14006	853//	05602	86708	88618	
Malin Head	980	81315	66215	12506	8541/	05302	85711	88635	
Belmullet	976	81410	74606	08508	864//	08502	85715	88630	
Birr	965	81307	69026	11008	854//	06603	83715	88632	
Collinstown	969	81511	62616	13106	872//	05604	81703	86704	88708
Rineanna	962	81414	80022	09309	863//	07604	82708	87710	88635
Roches Point	952	81213	16586	10108	860//	08507	88701		
Valentia	953	81412	32586	07410	863//	09504	83707	88715	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00051	04	+	+
London Airport	772	00051	03	+	+
Gatwick	776	97041	02	$ir_0id_0r_0$	id_0
Thorney Island	871	00041	01	+	+
Hurn	862	00030	02	+	+
Guernsey	894	00051	03	+	+
Wattisham	590	00031	03	+	ff
Gorleston	497	01042	04	+	dd
Mildenhall	578	97041	03	d_0r_0	+
Cardington	559	97041	03	id_0	+
West Raynham	485	00031	03	+	+
Wittering	462	00041	03	ff	f
Boscombe Down	746	00031	01	+	+
Ross-on-Wye	627	00031	51	+	+
Bristol	628	00030	00	+	+
Aberporth	502	06031	03	rrr_0r_0	r_0r_0rr
Rhoose (Cardiff)	715	97041	04	r_0r_0	ir_0
Plymouth	827	10041	04	r_0r_0rr	r_0r_0
Chivenor	707	06041	03	r_0r_0	r_0r_0
St. Mawgan	817	07051	05	rrr_0r_0	$r_0r_0ir_0$
Culdrose	809	06061	05	r_0r_0	ir_0
Scilly	804	05071	//	rrr_0r_0	$r_0r_0ir_0$
Elmdon	534	97041	03	+	id_0
Shawbury	414	00031	01	+	+
Manchester	334	97041	03	+	id_0
Squires Gate	318	00021	50	+	+
Valley	302	03051	04	rrr_0r_0	r_0r_0
Ronaldsway	204	03051	05	r_0r_0rr	r_0r_0
Carlisle	222	97031	02	+	id_0
Watnall	354	91041	03	d_0d_0	id_0irff
Spurn Head	396	97030	//	+	ff
Finningley	360	97041	04	$id_0d_0r_0d_0d_0$	d_0d_0
Dishforth	261	95031	04	r_0r_0	r_0r_0
Tynemouth	262	92041	03	+	$id_0d_0d_0$
Eskdalemuir	162	97021	01	+	$id_0d_0d_0$
Mull of Galloway	131	02051	//	/	/
Prestwick	135	00041	03	+	+
Renfrew	141	00041	03	+	+
Leuchars	171	91041	04	id_0	$id_0ir_0d_0d_0$
Dyce	091	97041	03	+	id_0
Wick	075	00041	03	+	+
Cape Wrath	049	00040	03	+	+
Sule Skerry	010	00050	03	/	/
Lerwick	005	00031	02	+	+
Stornoway	026	97061	05	ir_0	ir_0
Benbecula	022	01051	04	r_0r_0	$r_0r_0d_0d_0id_0$
Tiree	100	95051	04	$d_0r_0d_0r_0id_0$	$id_0d_0r_0r_0r_0$
Aldergrove	917	02052	04	$r_0r_0d_0d_0$	$r_0r_0ir_0$
Malin Head	980	01061	06	/	/
Belmullet	976	03081	08	/	/
Birr	965	97071	07	/	/
Collinstown	969	04061	06	/	/
Rineanna	962	06071	07	/	/
Roches Point	952	06081	08	/	/
Valentia	953	07091	09	/	/

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	70614	33200	83334	91737	90551	873//	00502	88706	/////	06351	18351	1////
B	70565	51000	81218	98022	11853	3247/	00732	83815	88462	06461	13333	1////
C	70527	35500	73126	98268	14402	784//	00220	82618	87640	05955	13149	1////
D	70440	41000	82112	98010	23010	4552/	00820	84625	88550	05805	12322	12843
I	70591	18900	11733	98011	93810	11400	81502	81818	/////	05104	16750	1////
J	70525	20100	73013	98032	02809	75500	00107	87630	/////	05305	12746	11753
K	70451	15600	71912	97028	05212	78400	00729	83815	86625	00011	11922	12633
M	73660	02000	81818	97022	26706	885//	00106	/////	/////	05104	11845	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	70613	32906	83229	96267	88401	873//	00709	88706	/////	06151	18051	1////
B	70565	51006	/////	81028	02952	8042/	00744	88530	/////	06254	11224	1////
C	70527	35506	82412	98028	13902	855//	00708	88630	/////	05957	13146	1////
D	70440	41006	82127	97616	17414	8052/	00727	88520	/////	00012	12134	1////
I	70590	19006	71835	98028	94308	784//	41309	84818	86635	05305	16842	1////
J	70524	20506	73417	98012	05208	7097/	61212	87630	/////	05404	13046	11853
K	70449	15306	82211	95628	97909	7742/	00627	87710	88557	05606	12222	12733
M	73660	02006	81820	97606	26707	6752/	00303	/////	/////	00005	11845	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37383

Date of Issue Sunday 29 March 1964

ERSION
BLE
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Code FM 11.A — OBSERVATIONS at 12h. 28 March 1964

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	80806	19052	15807	854//	03805	87610	88625	
London Airport	772	81006	35502	15807	6742/	04806	83712	85716	88459
Gatwick	776	80807	48045	15607	854//	04805	82710	88650	
Thorney Island	871	81106	37202	15307	854//	05706	83618	88650	
Hurn	862	80709	58032	11908	885//	04708	84825	88657	
Guernsey	894	71210	58052	13208	11638	04709	81830	83362	87272
Wattisham	590	80806	22504	16805	852//	04804	84705	87707	88625
Gorleston	497	80910	23102	17704	864//	03805	88710		
Mildenhall	578	80905	40052	16607	884//	04804	85812	88635	
Cardington	559	80506	59012	16506	854//	04805	86615	88640	
West Raynham	485	80914	17502	17104	862//	03703	88704		
Wittering	462	80810	28044	17306	853//	04803	86706	88625	
Boscombe Down	746	80904	56052	15406	855//	03708	84620	88640	
Ross-on-Wye	627	80906	24052	15006	1752/	03704	81720	88470	
Bristol	628	71207	58052	14908	58508	03710	84825	87275	
Aberporth	502	81714	56606	14506	3722/	03203	83705	88540	
Rhoose (Cardiff)	715	71306	48042	14507	784//	04706	81615	84822	86630
Plymouth	827	81107	48606	13407	4151/	05808	84825	88460	
Chivenor	707	81211	58616	14407	6542/	04706	83710	86630	88458
St. Mawgan	817	81213	69216	13207	5842/	05001	83816	83625	88459
Culdrose	809	81210	74506	13207	853//	05701	83707	86610	88618
Scilly	804	81314	81036	12408	884//	06102	84810	88615	
Elmdon	534	80903	23045	16405	853//	03400	82707	87711	88620
Shawbury	414	81107	16042	16006	885//	04502	81820	88630	
Manchester	334	80908	32502	16505	854//	03002	84618	88635	
Squires Gate	318	81011	25606	16506	853//	04400	87709	88630	
Valley	302	82002	58026	15507	854//	05202	82618	88640	
Ronaldsway	204	81115	48046	16206	854//	04303	81712	85618	88625
Carlisle	222	80908	58216	18606	854//	01102	81715	86624	88635
Watnall	354	81010	48046	17005	853//	04400	85708	88720	
Spurn Head	396	80914	32054	18303	863//	02602	88708		
Finningley	360	81010	28042	18305	853//	03203	87706	88630	
Dishforth	261	81210	40056	18404	863//	03000	87706	88710	
Tynemouth	262	81120	48055	19204	854//	02400	88615		
Eskdalemuir	162	81009	48055	18204	854//	01000	86712	88630	
Mull of Galloway	131	81610	60022	16705	874//	03204	88710		
Prestwick	135	81015	69022	16907	6553/	02202	81625	83630	86650
Renfrew	141	81208	56212	17707	855//	02000	85623	88635	
Leuchars	171	81218	58206	20005	853//	02306	82707	86710	88620
Dyce	091	81416	50055	21504	854//	01205	84712	88620	
Wick	075	31514	56051	20506	35400	02208	81710	83618	
Cape Wrath	049	31412	82022	16408	35500	05202	83625		
Sule Skerry	010	51524	58012	18607	464/6	03209	84715	86070	
Lerwick	005	81618	66022	23805	855//	02205	82620	88630	
Stornoway	026	71507	58016	16708	7093/	05206	87365		
Benbecula	022	71526	48606	15707	4547/	05213	81710	83625	87460
Tiree	100	81319	58216	15907	4637/	05210	84707	88458	
Aldergrove	917	81212	32216	15306	6632/	05105	83707	86709	88459
Malin Head	980	81221	59506	14208	5257/	05209	85823	88460	
Belmullet	976	81707	69606	10810	6642/	09310	85713	86632	88458
Birr	965	81311	66616	12108	5742/	07206	83715	85635	88458
Collinstown	969	81412	66616	14007	863//	05104	82707	86710	88630
Rineanna	962	81215	85032	10911	864//	08306	84717	88626	
Roches Point	952	81210	16584	11308	861//	08207	88702		
Valentia	953	81404	66506	09512	864//	10212	88712		

OBSERVATIONS at 18h. 28 March 1964

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	80514	32042	13907	854//	02603	85715	88650	
772	80209	40045	14007	855//	02503	82625	88640	
776	80406	40042	13607	857//	02504	88650		
871	80504	58022	13307	857//	03504	88656		
862	80406	39045	13107	855//	03505	83620	88640	
894	70611	58052	11707	26738	03504	82650	87270	
590	80411	23055	15204	852//	03503	82703	87707	88618
497	80614	40052	15904	854//	03504	88614		
578	80507	37055	15205	855//	03602	85620	88640	
559	80210	40505	15105	853//	03605	82707	84710	88625
485	80309	26055	16003	872//	02603	88705		
462	80513	20515	16004	852//	02604	82705	86707	88620
746	80505	35052	13806	856//	03603	88642		
627	80808	57022	14206	865//	02201	88720		
628	70405	48052	14006	785//	03501	82825	87650	
502	80604	56106	14405	5577/	05302	85656	88460	
715	81008	56042	13507	857//	03502	88650		
827	80906	66022	12407	6561/	02500	86635	88460	
707	70907	67026	13308	35531	03501	83620	87075	
817	80807	58608	12607	4567/	05301	82630	84650	88460
809	80913	56055	11907	5541/	05815	82712	84635	88462
804	71009	66022	11908	5847/	05603	84812	87358	
534	80610	40602	15006	854//	02604	83818	84625	88635
414	80708	35602	15406	856//	03500	88640		
334	80810	37045	15605	854//	01400	86615	88630	
318	81015	28046	16205	855//	02501	88628		
302	80402	30046	14707	855//	05502	81625	88640	
204	81118	33042	15905	854//	04301	82714	85622	88640
222	80707	56022	18604	884//	02302	82716	83627	88645
354	80710	28042	16403	854//	02500	86712	88622	
396	80917	48052	17003	864//	02703	88710		
360	80610	57206	17404	853//	02703	82709	86714	88620
261	81110	56056	18104	864//	01500	88710		
262	80909	48042	19304	855//	01602	88620		
162	70903	58055	18703	783//	00304	82708	85817	87635
131	81616	58022	16705	874//	03400	88714		
135	70912	56202	17206	755//	02004	81625	84635	87650
141	81209	37216	18006	855//	01303	84622	88635	
171	71113	56052	19704	784//	01303	83815	87630	
091	81510	40585	21303	854//	01400	81710	87712	88620
075	81412	48055	21104	854//	01305	85710	88620	
049	81410	81031	17405	855//	04209	88625		
010	51419	58012	19006	464/5	02201	84715	85270	
005	71517	66022	24105	785//	02302	85820	87630	
026	82206	59052	17607	5542/	03306	82618	85630	88459
022	71517	58046	16507	7097/	04203	87462		
100	81314	59046	16607	8097/	04304	83360	88465	
917	81207	40026	15506	854//	04400	82710	85713	88625
980	81410	32216	15407	6632/	04307	86707	88460	
976	81207	74606	12509	863//	08309	81709	86713	88627
965	81305	70616	13307	5742/	06210	85715	88458	
969	81307	74215	14406	863//	04203	81708	83710	88620
962	81211	74605	11909	6637/	08207	81709	84713	86628
952	81106	48616	12408	3732/	08308	83707	88545	
953	81612	48586	11109	863//	09313	88707		

OBSERVATIONS during DAY

iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97081	000	+	id_o
772	97081	000	$d_or_od_o$	+
776	97081	000	id_o	+
871	97081	000	id_o	+
862	97080	///	id_o	+
894	00101	019	+	+
590	97061	///	id_o	id_o
497	91051	000	d_od_o	+
578	97071	000	d_o	+
559	97081	000	+	d_od_o
485	91051	000	$id_od_od_o$	+
462	97071	000	id_o	$id_od_od_o$
746	00071	000	+	+
627	00081	004	+	+
628	00090	002	+	+
502	95071	000	r_or_o	ir_o
715	00081	000	+	+
827	94081	000	$r_or_oir_o$	+
707	91091	000	$r_or_oid_oir_o$	ir_o
817	97091	013	r_or_o	pr_oir_o
809	97081	020	ir_oid_o	ir_o
804	97102	018	ir_o	+
534	97071	000	id_oir_o	ir_o
414	97071	000	+	ir_o
334	97071	000	id_o	+
318	97061	000	$ir_od_or_od_od_o$	id_o
302	97081	000	+	ir_o
204	00071	000	+	+
222	97071	000	id_oir_o	+
354	00061	000	ff	+
396	00040	000	+	+
360	97051	000	d_o	$d_od_od_or_o$
261	92051	000	$r_or_oir_o$	+
262	97041	000	id_o	+
162	97041	000	$d_od_oid_o$	d_od_o
131	00061	///	/	/
135	97080	000	+	id_o
141	97071	000	ir_o	ir_o
171	97061	019	$d_od_oid_o$	id_o
091	97041	000	d_or_o	$id_od_od_o$
075	97071	023	+	id_oir_o
049	00080	///	+	+
010	00070	///	/	/
005	00061	005	+	+
026	00091	000	+	+
022	91081	000	$id_or_or_o$	ir_o
100	97081	000	r_or_o	+
917	96072	000	$ir_or_or_o$	$r_or_oir_o$
980	9708/	000	/	/
976	0210/	000	/	/
965	0209/	000	/	/
969	0207/	000	/	/
962	9711/	000	/	/
952	1209/	000	/	/
953	0312/	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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70612	32612	62822	97158	92851	69400	00228	86918	/////	06357	12939	13349
B	70565	51012	70835	97858	96051	72500	00720	87820	/////	05954	10837	1////
C	70527	35512	81723	98022	09804	856//	00727	88636	/////	05451	11834	13255
D	70440	41012	82715	97516	18314	2637/	00214	82608	84357	00213	12434	1////
I	70588	19012	52526	98258	01608	48438	41342	84815	83275	05407	12436	17061
J	70522	20612	53614	98032	11909	38440	00233	82813	83360	05205	13555	12653
K	70450	15212	52211	98028	97011	38541	00604	82820	/////	05107	12222	12844
M	73660	02012	21718	98016	27507	12601	00208	/////	/////	00002	11734	1////

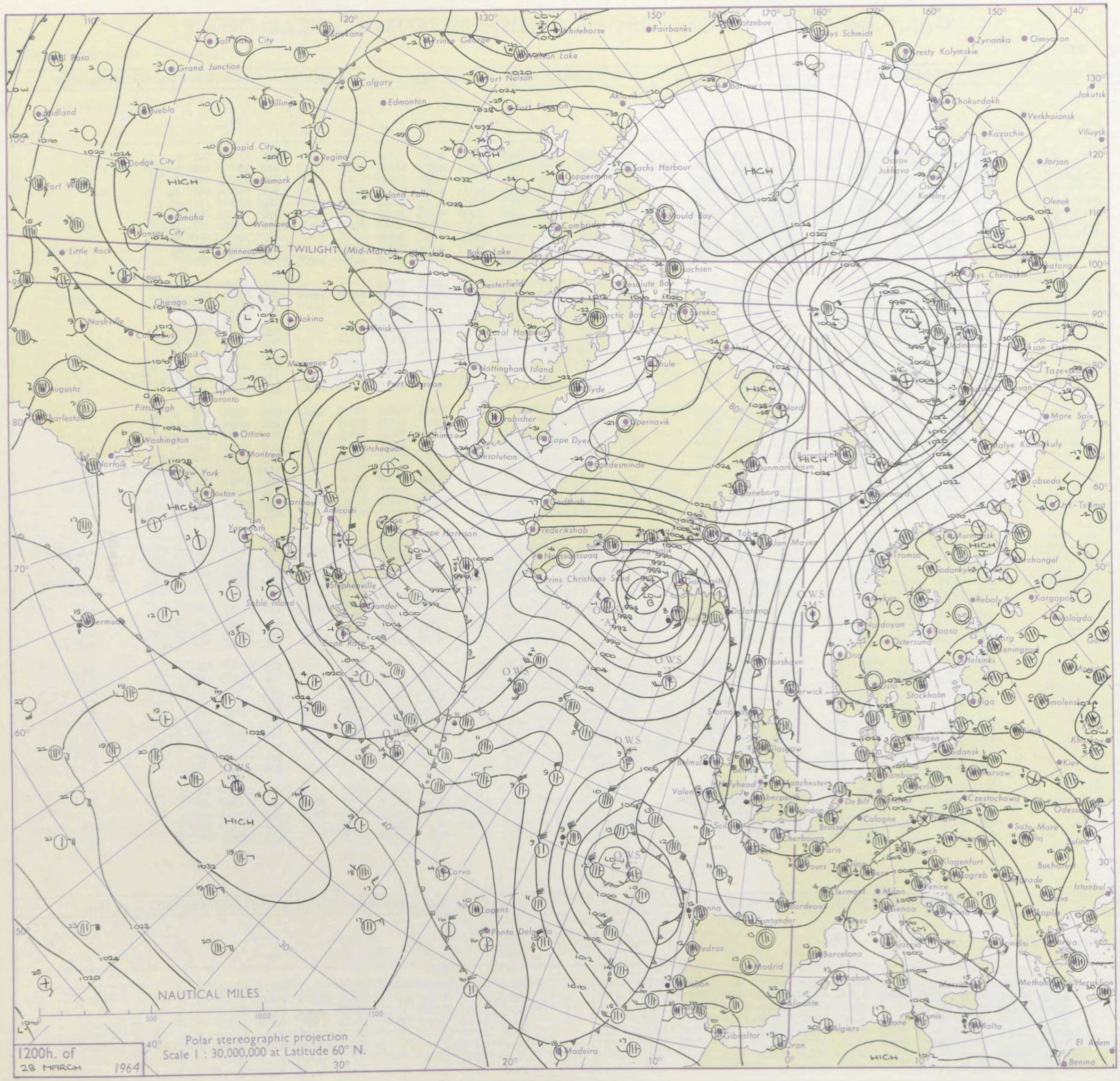
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70610	32718	62120	96858	92950	694//	81714	86916	/////	06153	12134	11948
B	70565	51018	70630	98268	93351	72500	00607	87821	/////	05854	10549	1////
C	70527	35518	62522	97156	01409	68500	00530	85820	/////	00506	11838	1////
D	70440	41018	32720	47025	20813	20932	00208	82359	/////	00110	12634	1////
I	70588	18918	52624	99018	09707	48530	61230	81820	83656	05550	12618	12159
J	70523	20818	63414	98031	15309	68430	00212	82815	84630	05304	13455	13053
K	70450	15118	60210	98031	00211	68546	00228	82825	85635	05106	10321	12844
M	73660	02018	11716	98020	27507	11600	00400	/////	/////	00002	11734	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


CIVIL TWILIGHT (Mid-March)
HIGH
LOW
Salt Lake City
Spokane
Grand Junction
Prince George
Whitehorse
Fairbanks
Kotzebue
Nelson Lake
Fort Nelson
Fort Simpson
Calgary
Edmonton
Aklavik
Barrow
Pevek
Zyrianka
Omyakon
Cherskiy Kolymskie
Midland
El Paso
Pueblo
Billings
Rapid City
Dodge City
Regina
Bismarck
Land Falls
Coppermine
Sachs Harbour
Mould Bay
Ostrov Jokhova
Ostrov Kotelny
Chokurdakh
Verkhoiansk
Kazachie
Jarjan
Olenek
Viliuysk
Jakutsk
Fort Worth
Omaha
Kansas City
Winnipeg
Minneapolis
Cambridge Bay
Baker Lake
Little Rock
St. Louis
Chesterfield
Resolute Bay
Arctic Bay
Eureka
Lachsen
Tatanga
Nashville
Chicago
Columbus
Yakima
Winisk
Coral Harbour
Detroit
Toronto
Nottingham Island
Hall Beach
Clyde
Augusta
Charleston
Pittsburgh
Ottawa
Washington
Montreal
Witchequon
Fobisher
Cape Dyer
Resolution
Upernavik
Thule
Danmarkshavn
Mare Sale
Malye Karmakuly
Norfolk
New York
Boston
Yarmouth
Caribou
Anticosti
Chimo
Godthab
Frederikshab
Cape Harrison
Tobseda
Jan Mayen
Bermuda
Sable Island
Stephenville
Gander
Cape Race
Narssarssuaq
Prins Christians Sund
Tromso
Murmansk
Archangel
Reboly
Kargapol
Vologda
Nordoyan
Oslo
Stockholm
Helsinki
Leningrad
Corvo
Lagens
Ponta Delgada
Madeira
Gibraltar
Algiers
Oran
Malta
Tunis
Bone
Benina
El Adem
Methoni
Heraklion
Istanbul
Belgrade
Bucharest
Odessa
Satu Mare
Czestochowa
Warsaw
Kiev
Berlin
Hamburg
Cologne
Brussels
Paris
Bordeaux
Santander
Barcelona
Madrid
Lisbon
Cherbourg
London
Manchester
Glasgow
Belmullet
Valentia
Scilly
Stornoway
Thorshavn
Lerwick
Aberporth
Holyhead
De Bilt
Hannover
Copenhagen
Gdansk
Minsk
Khabarovsk
Tazevskaya
Mys Schmidt
Mys Cheliuskin
Nordvik
Dikson Ostrov
Tabseda
Jan-Tsuma
Amderma
Varkaus
Gaasa
Ostersund
Vyborg
Pechenga
Petsamo
Barentsburg
Danmarkshavn
Longyearbyen
Bear Island
Jan Mayen
Tobseda
Sable Island
Cape Race
Stephenville
Gander
Narssarssuaq
Godthab
Frederikshab
Cape Harrison
Chimo
Anticosti
Caribou
Yarmouth
Bermuda
Fobisher
Cape Dyer
Resolution
Upernavik
Thule
Danmarkshavn
Eureka
Alert
Resolute Bay
Arctic Bay
Hall Beach
Nottingham Island
Coral Harbour
Winisk
Yakima
Chesterfield
Baker Lake
Cambridge Bay
Mould Bay
Sachs Harbour
Coppermine
Land Falls
Fort Simpson
Fort Nelson
Nelson Lake
Prince George
Whitehorse
Fairbanks
Kotzebue
Barrow
Aklavik
Edmonton
Calgary
Regina
Winnipeg
Minneapolis
Omaha
Kansas City
Dodge City
Rapid City
Bismarck
Billings
Pueblo
Grand Junction
Salt Lake City
Spokane
Midland
El Paso
Little Rock
St. Louis
Chicago
Nashville
Columbus
Detroit
Toronto
Ottawa
Montreal
Washington
Pittsburgh
Augusta
Charleston
Norfolk
New York
Boston
Yarmouth
Caribou
Anticosti
Stephenville
Gander
Sable Island
Cape Race
Bermuda
Corvo
Lagens
Ponta Delgada
Madeira
Gibraltar
Algiers
Oran
Malta
Tunis
Bone
Benina
El Adem
Methoni
Heraklion
Istanbul
Belgrade
Bucharest
Odessa
Satu Mare
Czestochowa
Warsaw
Kiev
Berlin
Hamburg
Cologne
Brussels
Paris
Bordeaux
Santander
Barcelona
Madrid
Lisbon
Cherbourg
London
Manchester
Glasgow
Belmullet
Valentia
Scilly
Stornoway
Thorshavn
Lerwick
Aberporth
Holyhead
De Bilt
Hannover
Copenhagen
Gdansk
Minsk
Khabarovsk
Tazevskaya
Mys Schmidt
Mys Cheliuskin
Nordvik
Dikson Ostrov
Tabseda
Jan-Tsuma
Amderma
Varkaus
Gaasa
Ostersund
Vyborg
Pechenga
Petsamo
Barentsburg
Longyearbyen
Bear Island
Tromso
Murmansk
Archangel
Reboly
Kargapol
Vologda
Nordoyan
Oslo
Stockholm
Helsinki
Leningrad
Olenek
Jakutsk
Viliuysk
Jarjan
Kazachie
Verkhoiansk
Chokurdakh
Cherskiy Kolymskie
Zyrianka
Omyakon
Malye Karmakuly
Mare Sale
Tatanga
Mys Cheliuskin
Mys Schmidt
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Arctic Bay
Eureka
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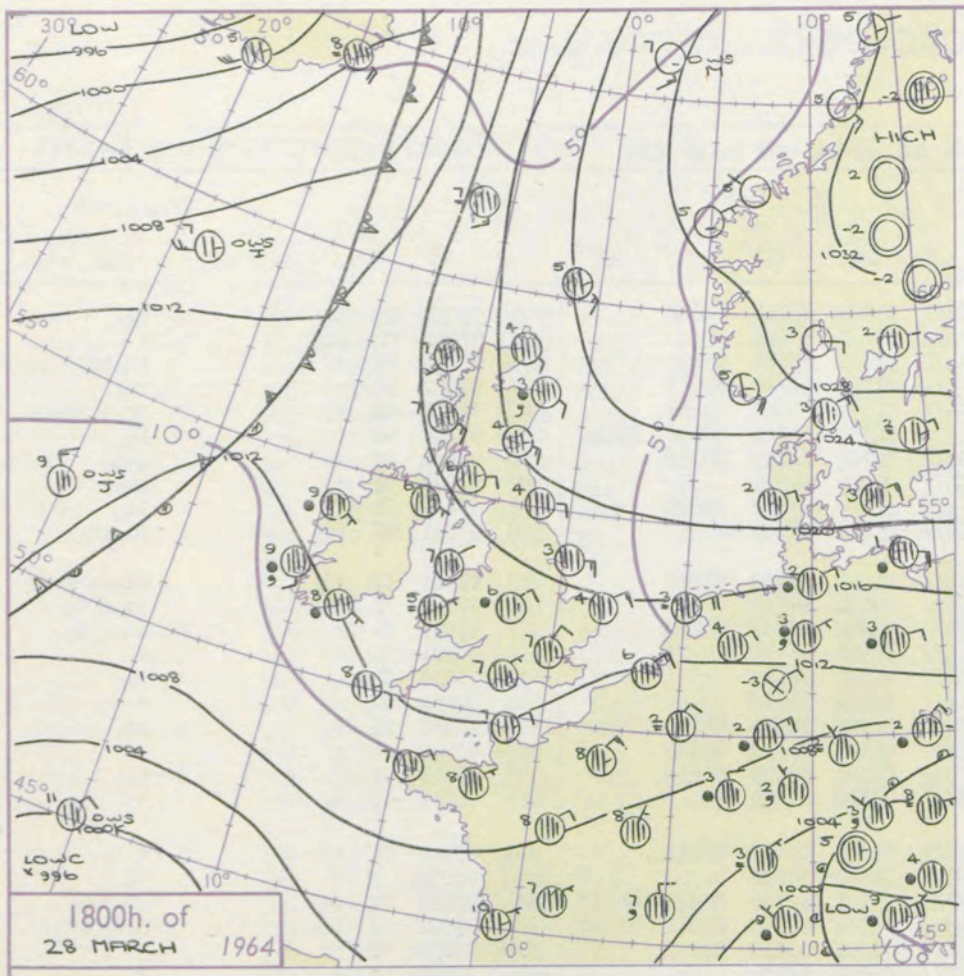
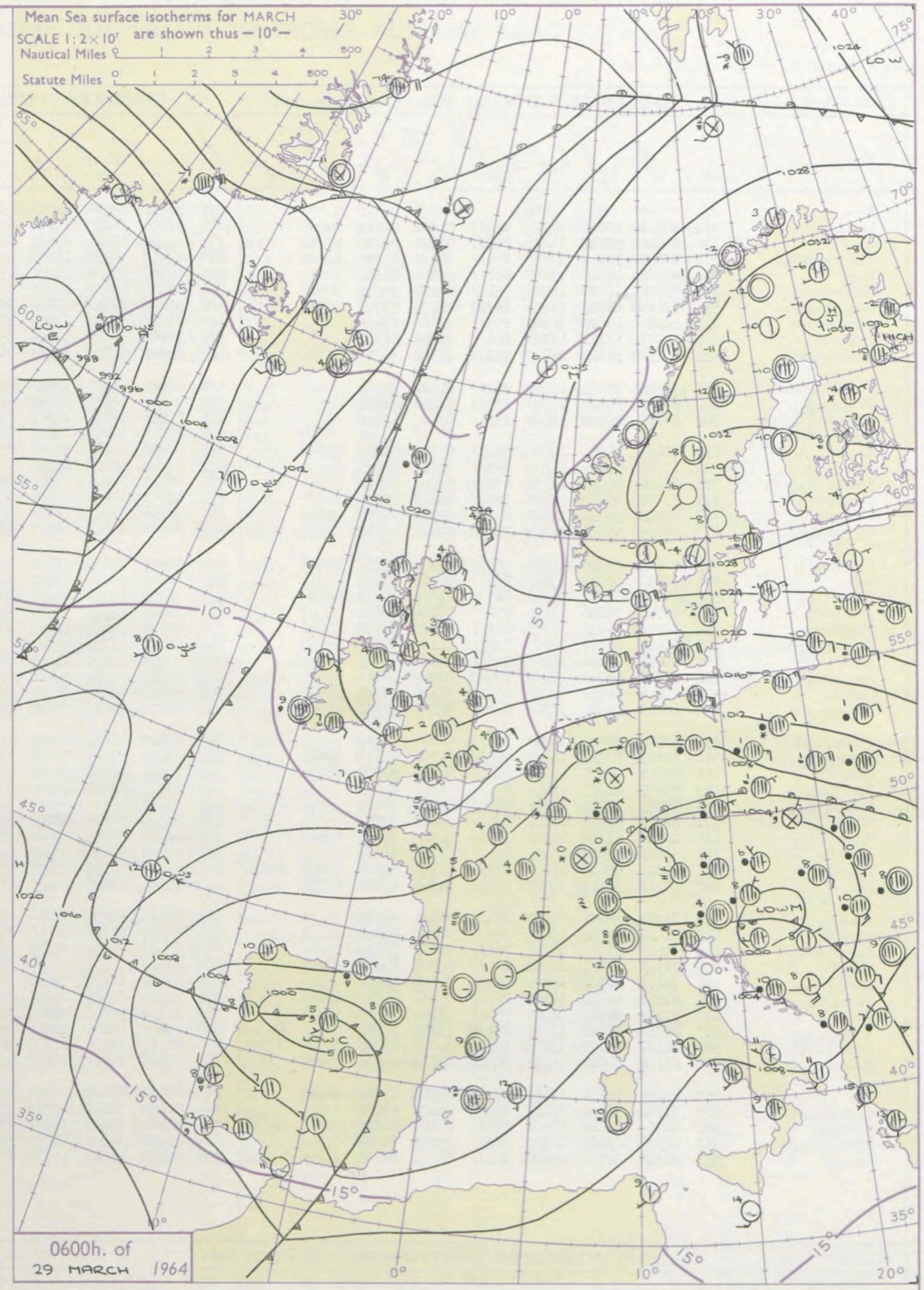
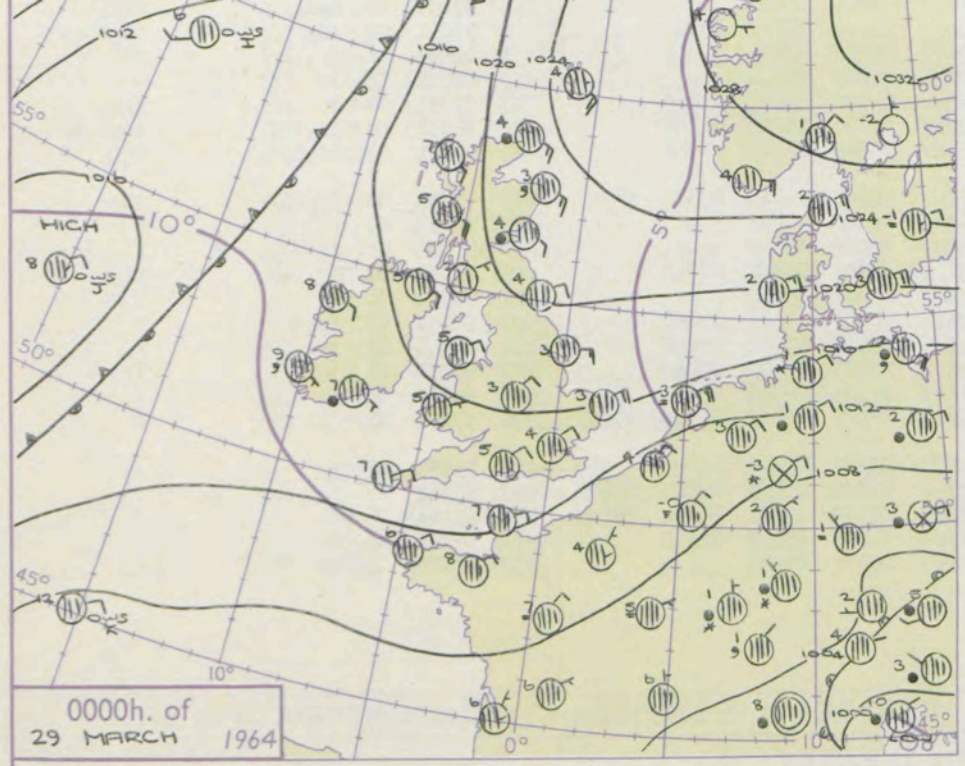
Thule
Upernavik
Fobisher
Cape Dyer
Resolution
Hall Beach
Nottingham Island
Coral Harbour
Winisk
Yakima

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 29 March 1964

A ridge of high pressure from the anticyclone centred over Scandinavia has been moving very slowly westwards across the British Isles. A depression, formerly over Italy, has moved slowly northnortheast and pressure has been falling over most of northwest Europe. A small depression has moved southeastwards into Spain. No very significant changes in the pressure distribution around the British Isles are expected during the next 24 hours.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The cold and mainly dull weather will continue over most of the British Isles although some breaks in cloud are likely, chiefly in western districts. Occasional slight rain or drizzle will occur in many parts of England, Wales and Scotland.

OUTLOOK for the following 24 hours.

Continuing cloudy or dull and generally cold. Some slight rain or drizzle in eastern and southern areas.

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

Code FM 11.A

OBSERVATIONS at 00h. 29 March 1964

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			04					
London Airport	772	80311	40042	14904	854//	01201	86714	88620	
Gatwick	776	80610	58042	14204	864//	01400	86710	88712	
Thorney Island	871	80608	58032	13905	854//	04103	83715	88620	
Hurn	862	80308	48022	13905	856//	03801	88640		
Guernsey	894	70708	50052	12506	754//	04101	85612	87640	
Wattisham	590	80410	48022	15403	863//	01603	83707	88711	
Gorleston	497	80518	60022	16203	855//	01000	88620		
Mildenhall	578	80707	37052	15503	864//	01704	88713		
Cardington	559	80410	56025	15703	863//	02702	88709		
West Raynham	485	80615	28052	16302	863//	01801	88708		
Wittering	462	80211	32025	16703	863//	01400	88706		
Boscombe Down	746	80306	28052	14605	857//	03400	88650		
Ross-on-Wye									
Bristol	628	80407	48052	15005	854//	03103	85712	88640	
Aberporth	502	80704	56052	15505	857//	02202	88650		
Rhoose (Cardiff)	715	80408	56042	14706	856//	02203	88640		
Plymouth	827	71006	48042	13705	756//	04103	87635		
Chivenor	707	80903	56022	14607	855//	03304	84625	88650	
St. Mawgan	817	80805	59036	14205	856//	02204	88637		
Culdrose	809	80505	62056	13504	4561/	02205	84630	88462	
Scilly	804	70711	56012	13807	756//	04205	87638		
Elmdon	534	80209	32046	16503	862//	01004	82705	88706	
Shawbury	414	80708	56046	17403	854//	50104	88615		
Manchester	334	80710	56042	17303	855//	50207	84620	88640	
Squires Gate	318	80911	48042	17803	856//	01102	82630	88650	
Valley	302	80610	27042	16005	855//	04203	82625	88640	
Ronaldsway	204	81015	28042	17905	854//	02207	86616	88630	
Carlisle	222	80806	56052	19903	855//	01104	82625	88630	
Watnall	354	80815	19586	17302	872//	02501	88703		
Spurn Head	396	80915	57022	17903	854//	00400	88615		
Finningley	360	80809	56216	18403	854//	01103	83710	88616	
Dishforth	261	80709	40055	19003	853//	02601	87708	88615	
Tynemouth	262	80809	61022	20904	855//	50211	88625		
Eskdalemuir	162	80603	58022	20301	855//	51103	88622		
Mull of Galloway	131	80920	58022	18104	874//	04203	88710		
Prestwick	135	40406	61022	19002	15740	51110	81650	83460	
Renfrew	141	80809	56041	19904	855//	01208	88625		
Leuchars	171	81210	56605	21104	853//	01107	82708	85714	88620
Dyce	091	81213	37515	22603	864//	01306	83711	88713	
Wick	075	81315	48605	22004	864//	50101	88710		
Cape Wrath	049	81416	81022	19603	865//	00207	88720		
Sule Skerry	010	71613	58032	21305	764//	00207	87715		
Lerwick	005	71519	66021	25004	784//	00001	84818	87628	
Stornoway	026	81410	61022	19207	8092/	03303	88458		
Benbecula	022	81517	61602	18506	1572/	03206	81650	88460	
Tiree	100	81219	58042	18305	7542/	03109	87618	88458	
Aldergrove	917	81212	48046	17305	864//	03004	83710	86711	88714
Malin Head	980	81210	48102	17206	6642/	04004	84718	86640	88460
Belmullet	976	81108	74026	14708	864//	07210	84716	88640	
Birr	965	81204	66606	15506	5742/	05106	85715	88458	
Collinstown	969	71702	58102	16405	856//	04105	88630		
Rineanna	962	81012	61616	14507	6632/	06109	84706	86635	88458
Roches Point	952	81307	69616	14207	862//	07205	88705		
Valentia	953	81503	58506	12809	863//	08102	88707		

OBSERVATIONS at 06h. 29 March 1964

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	80211	60206	14003	854//	51501	86714	88622	
London Airport	772	80108	58025	14103	855//	51602	88628		
Gatwick	776	80208	56216	13403	884//	51602	84818	88625	
Thorney Island	871	80410	56022	13804	855//	01302	84720	88630	
Hurn	862	80310	56502	14004	854//	01303	84618	88640	
Guernsey	894	80612	48052	12305	853//	04500	83706	85708	87612
Wattisham	590	80109	37052	13802	863//	01705	82707	88710	
Gorleston	497	80316	58052	13904	854//	02607	88611		
Mildenhall	578	80105	56022	14403	854//	01703	85618	88625	
Cardington	559	83509	58035	15103	863//	01803	88709		
West Raynham	485	80413	48035	14703	854//	01605	85710	88620	
Wittering	462	80412	48052	16002	854//	00601	88615		
Boscombe Down	746	80311	37202	14902	853//	00302	86709	88630	
Ross-on-Wye	627	80510	48052	15703	864//	00400	88710		
Bristol	628	80408	48052	15003	854//	02302	88615		
Aberporth	502	80807	40052	15704	857//	02202	88650		
Rhoose (Cardiff)	715	80412	56042	15203	854//	01106	82614	85630	88650
Plymouth	827	83606	40042	13705	854//	03303	81712	88645	
Chivenor	707	81306	56022	14805	855//	03203	82625	88650	
St. Mawgan	817	80406	40022	14105	856//	03302	88640		
Culdrose	809	80605	40052	14605	4542/	03212	84610	88462	
Scilly	804	60606	58032	13907	6097/	04302	86358		
Elmdon	534	80408	58035	16202	853//	51101	82706	85710	88613
Shawbury	414	80709	57586	17203	853//	00304	82708	85711	88618
Manchester	334	80607	58022	16903	854//	51101	84715	88625	
Squires Gate	318	80711	57042	18003	855//	01303	88624		
Valley	302	80815	32042	16405	856//	03205	88640		
Ronaldsway	204	81014	59042	18204	854//	01203	82714	86620	88650
Carlisle	222	80506	56052	20003	855//	01000	84623	88630	
Watnall	354	80302	58606	16602	854//	01603	86710	88618	
Spurn Head	396	80810	48022	15204	5642/	02609	85710	88458	
Finningley	360	80109	50035	17403	855//	01705	88625		
Dishforth	261	70209	48056	18203	754//	01606	81612	87620	
Tynemouth	262	80512	61025	19804	856//	01706	88630		
Eskdalemuir	162	80601	48502	20401	854//	51102	86715	88620	
Mull of Galloway	131	80920	58022	18403	874//	02201	88712		
Prestwick	135	70608	62021	19302	756//	50205	87640		
Renfrew	141	81007	59052	20104	855//	51302	82622	88625	
Leuchars	171	81210	48516	20903	873//	02500	85708	88715	
Dyce	091	71406	56025	22603	754//	00500	83712	87620	
Wick	075	81415	56506	22104	854//	51302	87710	88615	
Cape Wrath	049	61810	61022	19903	665//	02203	86725		
Sule Skerry	010	81513	74026	21305	864//	02400	88715		
Lerwick	005	81616	74252	24104	884//	02806	83818	88640	
Stornoway	026	81413	61022	19405	856//	01301	88645		
Benbecula	022	81517	66026	18805	5562/	02203	85631	88460	
Tiree	100	81120	58042	18704	7567/	01204	87631	88460	
Aldergrove	917	80909	48042	18004	853//	02205	83709	88640	
Malin Head	980	81011	56102	17705	864//	02305	86715	88650	
Belmullet	976	71306	80022	15107	6547/	06205	81718	86640	87459
Birr	965	81001	74026	16205	856//	03307	88636		
Collinstown	969	80909	48102	16705	863//	02306	83708	87715	88630
Rineanna	962	81110	58106	15207	864//	05307	82711	86714	88625
Roches Point	952	81208	58106	14707	864//	04203	85715	88630	
Valentia	953	80000	48506	13509	862//	08306	88704		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97031	03	ir_o	id_o
London Airport	772	97031	02	id_o	+
Gatwick	776	97031	02	+	$ir_o\,id_o$
Thorney Island	871	97031	51	+	ir_o
Hurn	862	91031	02	+	$id_o\,ir_or_or_o$
Guernsey	894	97040	04	+	id_o
Wattisham	590	97021	02	+	d_od_o
Gorleston	497	97021	02	+	ir_o
Mildenhall	578	97031	02	+	id_o
Cardington	559	97021	02	id_o	$id_o\,ir_o$
West Raynham	485	91021	01	id_o	$id_oph_or_o$
Wittering	462	97021	01	id_o	$id_od_od_o$
Boscombe Down	746	97021	01	+	$id_or_os_o$
Ross-on-Wye	627	00021	02	+	+
Bristol	628	97020	02	+	id_o
Aberporth	502	00031	02	+	+
Rhoose (Cardiff)	715	97031	01	+	id_o
Plymouth	827	00041	04	+	+
Chivenor	707	97041	03	+	ir_o
St. Mawgan	817	00031	01	+	+
Culdrose	809	00030	51	+	+
Scilly	804	00071	//	+	+
Elmdon	534	97021	01	id_o	$id_o\,ir_o$
Shawbury	414	97021	02	id_o	$d_od_od_or_o$
Manchester	334	00031	02	+	+
Squires Gate	318	00021	01	+	+
Valley	302	00041	03	+	+
Ronaldsway	204	97041	03	+	ir_o
Carlisle	222	00021	01	+	+
Watnall	354	97021	01	$d_or_od_or_od_od_o$	$ir_o\,id_o$
Spurn Head	396	00030	//	+	+
Finningley	360	97031	02	$d_od_od_or_o$	id_o
Dishforth	261	91021	02	id_o	ir_o
Tynemouth	262	97031	02	d_od_o	d_od_o
Eskdalemuir	162	97011	50	id_o	$id_os_o\,ir_o$
Mull of Galloway	131	00031	//	/	/
Prestwick	135	00500	53	+	+
Renfrew	141	97031	00	+	ir_o
Leuchars	171	91031	02	$id_o\,ir_o$	$id_od_od_o$
Dyce	091	97021	51	$id_od_od_o$	d_od_o
Wick	075	97031	03	$ir_o\,id_o$	id_o
Cape Wrath	049	00010	00	+	+
Sule Skerry	010	97041	03	/	/
Lerwick	005	97031	01	+	pr_o
Stornoway	026	00050	04	+	+
Benbecula	022	97051	03	ir_o	+
Tiree	100	00041	03	+	+
Aldergrove	917	97031	03	+	id_o
Malin Head	980	00041	04	/	/
Belmullet	976	97061	06	/	/
Birr	965	95051	05	/	/
Collinstown	969	97041	04	/	/
Rineanna	962	95061	06	/	/
Roches Point	952	07061	05	/	/
Valentia	953	03081	08	/	/

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	10618	32700	72121	96268	93602	785//	00208	81820	87635	05952	12133	12647
B	10565	51000	80118	98022	96052	65506	00217	86620	/////	05957	10436	1////
C	10527	35500	12427	98020	01406	11500	00400	81825	/////	05102	12422	11836
D	10440	41000	22826	98010	24510	21540	00119	82820	/////	05603	12735	1////
I	10587	19000	62514	98251	13006	684//	71212	85818	/////	05801	12523	17750
J	10523	20500	70310	98028	17208	784//	50000	81815	87630	05405	13455	13053
K	10450	15200	60512	97032	07912	62500	00229	86820	//////	05010	10522	12544
M	13660	02000	01714	98022	27406	22600	00106	/////	/////	00103	11734	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	10618	32806	81222	97616	89204	854//	00837	81712	88630	05303	11233	12647
B	10565	51006	83225	97858	99052	884//	00324	85610	88625	05955	13536	1////
C	10527	35506	42517	98020	01204	21530	00707	82825	83358	05451	12522	12636
D	10440	41006	32827	98020	25209	31500	00103	82820	/////	05803	12846	1////
I	10589	19306	71912	98028	10807	756//	61618	87640	/////	05606	11948	1////
J	10523	19906	62107	97216	14508	68400	71620	82813	85630	05406	100/0	12152
K	10449	15106	70110	97032	12712	78500	00117	81820	87635	05111	10122	12544
M	13660	02006	31912	98022	27306	31600	00400	/////	/////	05201	11923	1////

CONVECTION TABLE

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37384

Date of Issue Monday 30 March 1964

OBSERVATIONS at 12h. 29 March 1964

Code FM 11.A

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	80110	57605	13806	854//	50803	82714	84628	88638
London Airport	772	83612	58802	13706	885//	01806	83824	85635	88656
Gatwick	776	80110	56025	14105	884//	50803	85818	88635	
Thorney Island	871	80108	62026	13605	885//	01806	84820	88650	
Hurn	862	80210	58016	14706	854//	00801	81614	85620	88656
Guernsey	894	80311	56586	14104	884//	02004	82711	84814	88635
Wattisham	590	80216	32516	13103	852//	03802	81703	87705	88615
Gorleston	497	80316	58056	12904	884//	02706	84810	88620	
Mildenhall	578	80409	48615	13604	864//	02706	88710		
Cardington	559	70110	56216	14505	753//	03705	83708	85620	87645
West Raynham	485	80214	23538	14003	872//	02703	83705	88708	
Wittering	462	80112	56506	14804	853//	03806	87708	88615	
Boscombe Down	746	70109	64507	15104	784//	00400	84712	87640	
Ross-on-Wye	627	80507	57026	15306	885//	51809	86825		
Bristol	628	73610	58055	15406	784//	01805	83818	87635	
Aberporth	502	50308	62012	16506	58500	01801	82825	85658	
Rhoose (Cardiff)	715	80612	59045	16205	884//	00000	83818	88635	
Plymouth	827	81008	48042	15005	856//	01003	85630	88656	
Chivenor	707	70703	59016	16206	755//	01002	82625	87650	
St. Mawgan	817	80507	56052	15606	5857/	02003	81820	85640	88360
Culdrose	809	71005	40052	15007	754//	03304	84711	87638	
Scilly	804	80908	48022	15308	3557/	05104	83620	88358	
Elmdon	534	83610	37256	15804	884//	02705	85815	88625	
Shawbury	414	73608	57256	16605	784//	01708	82712	84815	87640
Manchester	334	80310	40202	16905	854//	01706	84618	88630	
Squires Gate	318	80411	40602	18006	884//	02809	82715	86822	88640
Valley	302	10716	59040	17808	11400	02303	81818		
Ronaldsway	204	10913	64016	18607	11501	01601	81827		
Carlisle	222	80609	59218	20105	884//	01805	81717	83824	87635
Watnall	354	80306	32206	15804	853//	03806	86709	88620	
Spurn Head	396	80515	48022	15304	6632/	03606	86708	88458	
Finningley	360	80411	59606	16805	884//	02805	86810	88618	
Dishforth	261	80611	64036	17506	855//	02807	87622	88645	
Tynemouth	262	80514	58022	19805	885//	03400	83820	88625	
Eskdalemuir	162	80503	62057	20104	884//	01804	83715	86819	88632
Mull of Galloway	131	21110	66011	19306	21500	01400	82825		
Prestwick	135	21113	66011	19408	21500	51808	82825		
Renfrew	141	41105	56051	20507	48500	51804	84822		
Leuchars	171	80512	60205	21305	854//	02803	84715	88625	
Dyce	091	80906	62805	22906	884//	03204	85812	88645	
Wick	075	21411	66015	22806	28400	01001	81815		
Cape Wrath	049	81808	74022	20605	865//	02706	88720		
Sule Skerry	010	71613	74016	22205	764//	01204	87715		
Lerwick	005	31514	82018	24707	38500	02801	81820	83640	
Stornoway	026	81810	69022	20606	4552/	00400	84624	88459	
Benbecula	022	81520	61022	19406	7552/	03101	87620	88459	
Tiree	100	61418	61042	19406	1573/	01400	81650	86359	
Aldergrove	917	71308	48205	19005	784//	02203	81712	83820	86640
Malin Head	980	81208	59102	18506	854//	02000	86717	88645	
Belmullet	976	51712	78012	15310	585//	07804	82822	85645	
Birr	965	81002	59102	16807	864//	04103	88713		
Collinstown	969	81010	64052	18006	854//	01102	83715	88635	
Rineanna	962	81210	58102	16008	854//	05000	83715	88625	
Roches Point	952	81207	48105	16208	864//	05304	88715		
Valentia	953	81610	74505	14909	854//	07105	85714	88625	

OBSERVATIONS at 18h. 29 March 1964

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	83509	57218	12005	884//	00702	82815	83625	88635
London Airport	772	83609	56218	12205	854//	01503	85615	88625	
Gatwick	776	83406	50618	11404	854//	02607	83713	88618	
Thorney Island	871	73608	61016	12005	755//	02705	84625	87640	
Hurn	862	83609	62036	12806	884//	01604	81715	85820	88650
Guernsey	894	80210	56056	13205	854//	01500	82715	88635	
Wattisham	590	80114	66215	11203	854//	01503	86612	88625	
Gorleston	497	80318	60616	11103	7732/	01604	87709	88520	
Mildenhall	578	80108	61026	12003	854//	01503	86615	88630	
Cardington	559	83610	58606	12803	853//	02502	84707	88625	
West Raynham	485	80416	59588	12302	883//	01500	83709	86813	88630
Wittering	462	80110	66216	13403	853//	01500	81706	85710	88625
Boscombe Down	746	73606	62235	13104	755//	01506	81620	87640	
Ross-on-Wye	627	83606	48052	13705	864//	01604	88715		
Bristol	628	83303	56052	13705	856//	02504	88630		
Aberporth	502	63610	62011	14905	65600	02605	86640		
Rhoose (Cardiff)	715	80408	59042	13906	856//	50503	82630	88650	
Plymouth	827	83308	48052	14106	856//	01500	84630	88650	
Chivenor	707	83405	59032	14706	856//	02505	88635		
St. Mawgan	817	70410	56052	14705	6563/	03400	86640		
Culdrose	309	70000	58016	14306	754//	03702	82712	83620	87635
Scilly	804	60507	48032	14807	45530	03705	84622	83360	
Elmdon	534	83608	28608	13903	854//	02603	84710	88615	
Shawbury	414	80207	56208	14605	854//	02605	83712	84715	87625
Manchester	334	80611	40602	15204	854//	01500	86615	88625	
Squires Gate	318	70612	56216	15905	755//	02603	84625	87640	
Valley	302	70309	59041	16006	785//	03707	81822	87645	
Ronaldsway	204	70509	66021	16506	785//	02610	81825	83635	87650
Carlisle	222	70609	61218	18805	755//	02302	85620	87635	
Watnall	354	80106	50808	14503	883//	02500	81707	84810	88620
Spurn Head	396	80520	32618	14303	853//	02702	88608		
Finningley	360	80208	62516	15103	854//	01602	85710	88620	
Dishforth	261	80610	69036	16304	855//	01701	88622		
Tynemouth	262	80712	48028	17704	884//	02606	82818	88630	
Eskdalemuir	162	80506	59802	18303	884//	01604	85817	88635	
Mull of Galloway	131	70712	66022	17605	756//	03708	87630		
Prestwick	135	70610	61042	17506	68531	02710	81820	84650	86656
Renfrew	141	70810	56042	18506	785//	02609	82825	87640	
Leuchars	171	80909	57606	19505	854//	03705	82712	83625	88640
Dyce	091	71106	58048	21205	784//	03603	83818	85635	
Wick	075	71407	48051	21105	2643/	02806	82712	87358	
Cape Wrath	049	71802	82012	19006	756//	02706	87630		
Sule Skerry	010	61613	74022	19806	4653/	03714	84720	86360	
Lerwick	005	71408	80031	23105	785//	01507	82820	87640	
Stornoway	026	82004	74022	19006	856//	00605	88645		
Benbecula	022	71615	62016	18105	755//	02707	81625	87645	
Tiree	100	31614	62041	17507	11502	50710	81820		
Aldergrove	917	41405	58055	17206	18532	01607	81825	83070	
Malin Head	980	51306	62052	16806	557//	01805	85650		
Belmullet	976	81311	61102	13808	855//	05708	82720	88640	
Birr	965	81205	58102	15706	854//	02502	86715	88630	
Collinstown	969	40808	62051	16305	38501	00609	82820	83645	
Rineanna	962	81211	48205	14707	854//	05603	81713	84623	88630
Roches Point	952	80907	40606	15407	854//	05501	86713	88634	
Valentia	953	71408	66022	13509	754//	07706	84714	87630	

OBSERVATIONS during DAY

Station	iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97061	000	ir_opr_o	pr_oir_o
London Airport	772	97061	000	pr_o	$pr_od_or_o$
Gatwick	776	97061	000	pr_o	$ir_or_or_o$
Thorney Island	871	97071	000	ir_o	ir_o
Hurn	862	97071	///	+	ir_o
Guernsey	894	97051	000	$id_oir_od_or_o$	d_or_o
Wattisham	590	97041	///	$ir_od_od_oid_o$	ir_o
Gorleston	497	93042	000	ir	irr_or_o
Mildenhall	578	97051	000	$d_od_or_or_o$	r_or_o
Cardington	559	02051	000	$ir_or_or_o$	ir_oid
West Raynham	485	93041	000	$ddpr_o$	$pr_or_os_or_os_o$
Wittering	462	01041	000	$d_od_oiRir_o$	$id_oir_or_os_o$
Boscombe Down	746	97061	000	id_o	id_or_o
Ross-on-Wye	627	97071	004	ir_o	ir_o
Bristol	628	00070	002	+	+
Aberporth	502	00071	043	+	+
Rhoose (Cardiff)	715	97080	007	id_o	+
Plymouth	827	00071	002	+	+
Chivenor	707	97091	005	ir_o	+
St. Mawgan	817	00081	014	+	+
Culdrose	809	97070	000	+	ir_o
Scilly	804	00101	022	+	+
Elmdon	534	92051	000	$ir_opr_oph_o$	$ph_or_or_oir_o$
Shawbury	414	91061	008	$d_or_opr_od_or_o$	$d_or_oid_o$
Manchester	334	97061	000	id_or_o	ir_oid_o
Squires Gate	318	93081	012	$pr_oid_or_o$	r_o
Valley	302	97091	072	+	ir_o
Ronaldsway	204	97080	048	ir_o	+
Carlisle	222	97071	015	$pr_oir_opr_oh_o$	pr_oir_o
Watnall	354	97051	000	$id_od_od_oir_o$	$id_oir_opr_o$
Spurn Head	396	03052	000	pr_o	r_or_o
Finningley	360	97051	000	$d_or_od_od_oir_o$	$r_or_od_od_oir_o$
Dishforth	261	97061	000	ir_o	ir_o
Tynemouth	262	97051	000	pr_o	+
Eskdalemuir	162	97061	018	+	pr_o
Mull of Galloway	131	00072	///	/	/
Prestwick	135	97090	033	+	pr_o
Renfrew	141	97081	020	ir_o	id_o
Leuchars	171	91061	011	id_oir_o	$ir_or_or_o$
Dyce	091	97061	001	id_opr_o	pr_o
Wick	075	00071	046	+	+
Cape Wrath	049	00070	///	+	+
Sule Skerry	010	00070	///	/	/
Lerwick	005	92081	035	pr_o	+
Stornoway	026	00070	000	+	+
Benbecula	022	97070	000	+	ir_o
Tiree	100	00081	051	+	+
Aldergrove	917	91071	010	$id_od_od_o$	+
Malin Head	980	0007/	011	/	/
Belmullet	976	0011/	000	/	/
Birr	965	0008/	000	/	/
Collinstown	969	9707/	038	/	/
Rineanna	962	9709/	000	/	/
Roches Point	952	9708/	000	/	/
Valentia	953	9111/	001	/	/

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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10619	32912	21821	98018	89405	12501	00308	81825	/////	05301	11734	11747
B	10565	51012	63240	97858	04251	62500	00225	86820	/////	05867	13337	1////
C	10527	35512	52912	97872	01204	52500	00400	85820	/////	05600	12534	1////
D	10440	41012	62926	99021	21509	51502	00105	85823	/////	05704	12948	1////
I	10589	19212	71630	98018	08208	784//	00816	82818	87650	05302	11724	12646
J	10522	19612	82020	98216	12709	5567/	30817	85633	87460	05305	12343	11842
K	10450	15112	13405	97011	16612	12500	00209	81820	/////	05011	13421	12945
M	13660	02012	41908	98020	27107	42600	00502	/////	/////	00000	119/2	12243

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	10619	33018	31518	98021	90406	31500	00207	83825	/////	05100	11513	11447
B	10565	51018	83134	97858	09551	824//	00224	88815	/////	05756	13139	1////
C	10527	34918	52715	97268	01803	52502	00000	85815	/////	05800	12337	1////
D	10440	41018	52835	98022	28009	51500	00500	85825	/////	05803	12849	1////
I	10590	19318	81726	98036	03308	7842/	00623	86818	/////	05305	11735	1////
J	10524	19318	82124	98022	06910	3553/	00730	83623	88360	05108	12342	11843
K	10448	15218	60903	97031	15912	68501	00604	81820	86635	00010	100/0	12533
M	13660	02018	71908	98022	25706	72600	00704	/////	/////	05502	11923	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

TWILIGHT (Mid-March)

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
29 MARCH 1964

Explanation of symbols

CL

Symbol

WEA

Symbol

For each half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE

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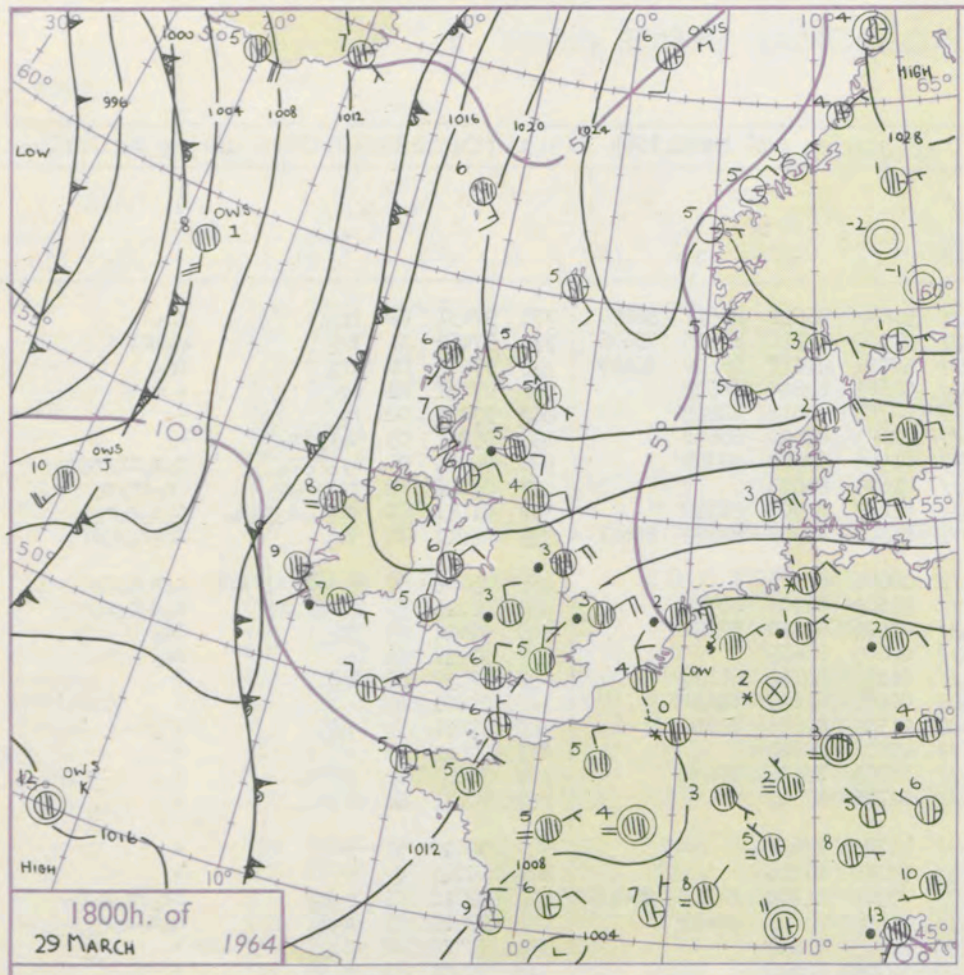

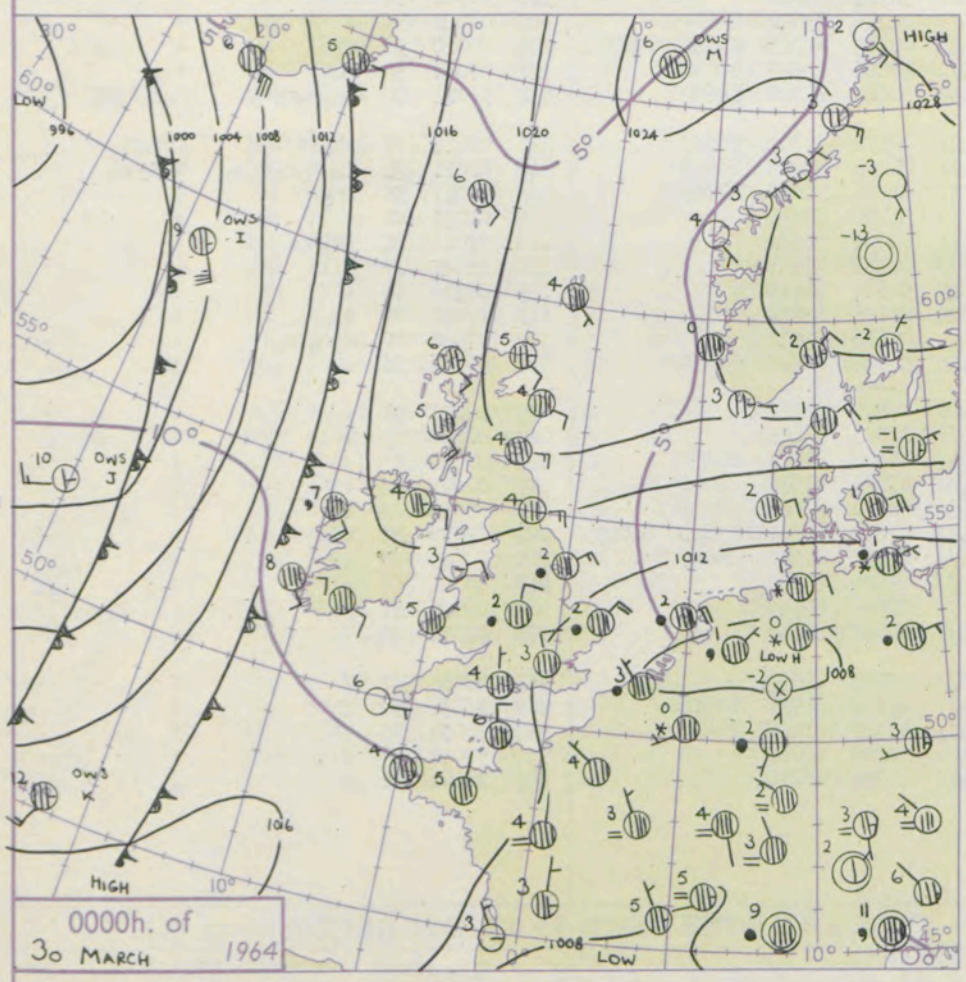

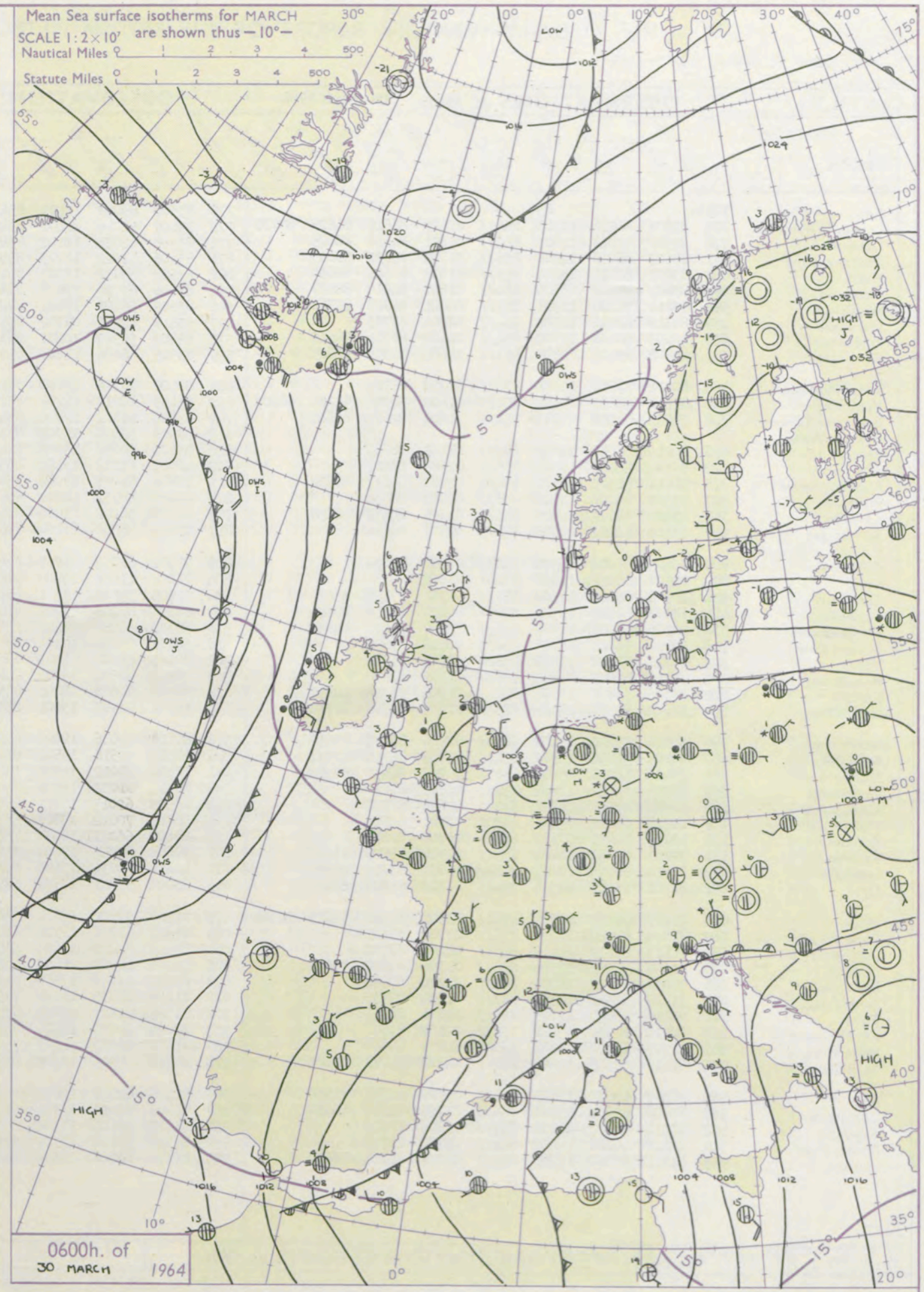

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 30 March 1964

A complex system of shallow depressions covers western Europe and the western Mediterranean. One shallow depression will drift from Holland to the southern North Sea. A trough of low pressure over the eastern Atlantic is moving slowly east towards the British Isles and Spain and the ridge of high pressure from Scandinavia to Scotland is weakening.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The cold and mainly dull weather will continue over most of England and there will be light rain or sleet in some eastern districts and snow on high ground. Cloud amounts will be very variable in west Wales and Scotland and it will be rather cold. Northern Ireland will have cloudy but mainly dry weather with bright intervals and temperatures a little below normal.

OUTLOOK for the following 24 hours.

Cold and mainly dull with a little rain or snow in eastern and central England. Temperatures rather below average in other parts of the British Isles with rain in places.

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

Code FM 11.A

OBSERVATIONS at 00h. 30 March 1964

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			03					
London Airport	772	83509	66016	12303	854//	01602	81616	84625	88635
Gatwick	776	83306	58216	11803	854//	01801	84616	88625	
Thorney Island	871	83607	66026	12904	856//	01702	85630	88643	
Hurn	862	83607	62016	13204	855//	01802	86625	88630	
Guernsey	894	83607	58606	13505	884//	01801	84818	88627	
Wattisham	590	80211	56206	11501	863//	00801	86708	88711	
Gorleston	497	80319	60616	11002	864//	02804	88713		
Mildenhall	578	80207	60686	12302	854//	01400	86711	88615	
Cardington	559	83608	59606	12803	853//	01603	86708	88625	
West Raynham	485	80211	37686	12201	872//	01702	88703		
Wittering	462	80111	48617	13402	872//	01602	82704	84705	88707
Boscombe Down	746	83505	58056	13403	854//	01801	82615	88640	
Ross-on-Wye									
Bristol	628	80210	56055	14003	856//	01101	88640		
Aberporth	502	80304	58052	14805	855//	02603	88627		
Rhoose (Cardiff)	715	80611	58502	14304	854//	02002	84617	88634	
Plymouth	827	83308	48052	14005	856//	02805	88634		
Chivenor	707	83402	58022	14505	856//	03704	84637	88650	
St. Mawgan	817	83404	58052	15005	856//	02801	88644		
Culdrose	809	70403	66012	14503	756//	02400	87636		
Scilly	804	00906	66010	14906	00900	03802			
Elmdon	534	80108	48612	14202	853//	01701	83707	88621	
Shawbury	414	83607	37515	15303	854//	01400	85619	88624	
Manchester	334	80305	56036	14803	855//	52807	84620	88633	
Squires Gate	318	70504	56041	16103	756//	00605	87636		
Valley	302	10711	62016	15903	15600	02603	81640		
Ronaldsway	204	71015	62022	16805	756//	01400	87640		
Carlisle	222	80306	58606	18104	854//	01806	83714	88627	
Watnall	354	80602	59588	14302	873//	01705	86706	88710	
Spurn Head	396	80614	59606	14202	5622/	02804	85705	88557	
Finningley	360	80109	58036	15102	854//	01705	85714	88617	
Dishforth	261	70408	66036	16003	6563/	50706	86630	87365	
Tynemouth	262	70915	61022	17204	756//	00606	87630		
Eskdalemuir	162	80604	48518	18202	874//	01804	88712		
Mull of Galloway	131	40918	66011	17304	45500	02701	84625		
Prestwick	135	10707	64011	17902	15601	00702	81640		
Renfrew	141	70906	62042	18404	755//	02704	83622	87627	
Leuchars	171	80914	66216	19204	854//	01802	83715	88645	
Dyce	091	81108	58058	20904	884//	01703	85817	88630	
Wick	075	71409	58052	20905	4543/	02502	81712	84625	87358
Cape Wrath	049	71810	81022	18404	755//	03706	87625		
Sule Skerry	010	81613	66032	20206	865//	04400	88720		
Lerwick	005	81606	74022	22504	855//	01704	82620	88650	
Stornoway	026	71510	69022	18506	757//	01704	87656		
Benbecula	022	71412	62031	17304	757//	01804	87650		
Tiree	100	81319	59041	17105	856//	02604	88647		
Aldergrove	917	70910	61051	17104	757//	02602	87650		
Malin Head	980	51707	66030	16501	55600	51802	85640		
Belmullet	976	81419	56505	12507	864//	04708	84719	88633	
Birr	965	81307	62026	15105	854//	01706	82714	88630	
Collinstown	969	80000	66031	15704	864//	01707	84718	88630	
Rineanna	962	81314	48102	14006	855//	03805	88628		
Roches Point	952	81110	40216	14607	864//	05707	88712		
Valentia	953	81311	66022	12208	854//	05711	84714	88630	

OBSERVATIONS at 06h. 30 March 1964

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	83508	69022	11403	854//	51602	86612	84627	88650
London Airport	772	73409	62016	11402	6542/	00500	81710	85715	85625
Gatwick	776	83308	62026	11102	854//	50702	83617	86620	88627
Thorney Island	871	83406	61022	11703	855//	01603	82620	88645	
Hurn	862	83508	59032	12203	854//	00706	83618	88635	
Guernsey	894	80206	63026	12605	855//	02603	83620	88638	
Wattisham	590	83609	56607	10301	872//	01506	87704	88708	
Gorleston	497	83616	62216	09702	855//	01603	88620		
Mildenhall	578	83406	58587	10801	863//	01603	85708	88712	
Cardington	559	83505	56686	11801	853//	01603	85706	87709	88617
West Raynham	485	80109	20716	10800	872//	00604	88703		
Wittering	462	83409	40617	12201	872//	01603	86703	88709	
Boscombe Down	746	73504	61012	12802	6543/	00501	81618	86640	
Ross-on-Wye	627	80205	57022	12702	855//	00605	88625		
Bristol	628	83605	56052	12303	854//	01807	84715	88630	
Aberporth	502	40903	61012	13403	45500	00605	81627	84650	
Rhoose (Cardiff)	715	70000	61015	13202	756//	01502	82635	87650	
Plymouth	827	80000	48052	12804	856//	03503	88640		
Chivenor	707	80000	58022	13204	855//	02703	83625	88634	
St. Mawgan	817	70304	58052	13104	756//	02706	87645		
Culdrose	809	70401	62052	12903	756//	01705	87631		
Scilly	804	71404	61031	12805	7093/	03710	87358		
Elmdon	534	70205	59602	13701	6537/	00301	81708	84712	86618
Shawbury	414	80103	48206	13802	855//	01604	83625	88635	
Manchester	334	50305	58011	13502	55800	52705	85657		
Squires Gate	318	50406	56041	14301	55600	52705	84630		
Valley	302	80403	61021	14203	855//	02706	83620	88630	
Ronaldsway	204	70912	62021	15004	754//	00505	81715	83622	87635
Carlisle	222	80205	66026	16403	855//	50808	82627	87638	
Watnall	354	80609	23687	13001	853//	00603	84708	88620	
Spurn Head	396	80616	57636	12202	6622/	02602	86704	88557	
Finningley	360	83611	48516	13502	854//	01604	83615	88635	
Dishforth	261	73508	61012	14202	1563/	51606	81630	87365	
Tynemouth	262	70515	61022	15704	756//	51706	87630		
Eskdalemuir	162	60505	62015	16401	656//	52609	86632		
Mull of Galloway	131	50918	70012	15302	556//	01711	85635		
Prestwick	135	10402	66021	16651	15641	52605	81640		
Renfrew	141	30603	59041	17002	35600	51606	83630		
Leuchars	171	40612	70031	17403	28401	00608	82818		
Dyce	091	33404	56041	19351	18501	52608	81820	83075	
Wick	075	21206	66011	19804	25400	00604	81710		
Cape Wrath	049	81812	81022	17304	855//	01704	88625		
Sule Skerry	010	61613	74012	19605	4653/	01704	84720	86360	
Lerwick	005	41104	74012	21403	48400	01604	81816	84640	
Stornoway	026	81310	69022	17506	855//	02501	82625	88645	
Benbecula	022	71419	61035	16105	785//	01602	81822	83635	87645
Tiree	100	61321	62042	15805	685//	01705	81820	86645	
Aldergrove	917	71008	62022	15404	756//	01606	87645		
Malin Head	980	71212	66022	14404	756//	02612	87640		
Belmullet	976	81316	61505	10305	855//	02707	88623		
Birr	965	81106	62022	12304	856//	00715	88633		
Collinstown	969	71008	69026	13704	864//	01708	84718	87628	
Rineanna	962	81212	48102	11306	855//	03711	83620	88640	
Roches Point	952	81312	56102	12107	864//	04709	88714		
Valentia	953	81217	66606	08508	864//	05718	88714		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97031	02	ir_o	ir_o
772	97021	01	ir_o	r_oid_o
776	97021	02	ir_o	ir_o
871	97031	02	id_o	+
862	97031	02	r_o	+
894	97041	03	$d_or_oir_o$	+
590	92011	00	$ir_or_or_o$	$r_os_oir_os_os_o$
497	01022	02	$r_or_od_od_o$	$ir_oir_os_o$
578	01011	00	$ir_od_od_od_os_o$	$d_os_or_or_o$
559	92011	01	ir_o	$ir_or_os_odr$
485	05002	50	$r_os_or_os_orsrs$	$s_os_or_or_o$
462	01011	50	$r_os_or_or_o$	$s_os_or_or_o$
746	97021	01	id_o	id_o
627	97021	02	+	id_o
628	97030	02	id_o	+
502	00021	53	+	+
715	97021	00	id_o	+
827	00041	03	+	+
707	00041	03	+	+
817	00031	51	+	+
809	00020	52	+	+
804	00041	//	+	+
534	92011	01	r_or_o	$ir_oid_or_or_o$
414	97021	01	d_od_o	$d_od_od_or_o$
334	97020	00	id_o	+
318	00001	54	+	+
302	00021	50	+	+
204	00020	50	+	+
222	97011	50	ir_o	+
354	96011	00	$id_or_or_or_o$	$r_os_or_os_o$
396	02012	//	ir_oid	rrr_or_o
360	01021	01	$ir_od_or_od_od_o$	$d_od_oid_o$
261	97011	50	ir_o	+
262	00031	01	+	+
162	97011	51	$ir_od_od_o$	+
131	CCC20	//	/	/
135	00510	56	+	+
141	97021	01	id_o	+
171	97031	00	$r_or_oir_o$	+
091	00511	56	+	jf
075	00031	51	+	+
049	00030	03	+	+
010	00050	03	/	/
005	00021	52	+	+
026	00050	03	+	+
022	97010	53	id_o	+
100	00041	03	+	+
917	00021	01	+	+
980	00011	51	/	/
976	97051	04	/	/
965	00031	02	/	/
969	91031	52	/	/
962	91051	05	/	/
952	97061	05	/	/
953	96071	06	/	/

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	20620	33200	21115	99030	94205	22500	00222	82825	/////	05201	11123	16440
B	20565	51000	82937	97858	14851	824//	00229	88815	/////	05756	18030	1////
C	20527	34600	32623	98268	03503	32500	00205	83825	/////	05753	12527	1////
D	20440	41000	52928	98022	30508	52500	00212	85825	/////	06003	12948	1////
I	20592	19400	71523	98016	02509	784//	00704	82818	87645	05107	11549	12655
J	20525	19500	32416	98016	03010	25630	00714	83633	/////	05108	11843	12344
K	20449	14900	72213	97038	15012	52576	00705	85820	/////	05110	12222	12944
M	23660	02000	70000	98022	25306	75600	00704	/////	/////	05152	14912	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	20619	33206	30917	98250	96205	38500	00213	82815	/////	05201	11022	11458
B	20565	51006	82926	97858	17900	824//	00117	88815	/////	05656	13039	1////
C	20527	35506	73132	97858	09003	785//	00236	83820	87640	05753	03136	1////
D	20440	41006	33018	98011	31007	31500	00400	83825	/////	06200	13047	1////
I	20592	19406	71422	98022	00409	784//	00712	83818	87645	05007	11549	1////
J	20525	19906	32710	98028	00908	35600	61608	83640	/////	05504	12344	11843
K	20450	15606	82023	95802	07810	894//	62735	84915	88820	05410	12033	12944
M	23660	02006	80706	97022	24706	855//	00400	/////	/////	05251	14912	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37385 — Date of Issue Tuesday 31 March 1964

OBSERVATIONS at 12h. 30 March 1964

Code FM 11.A

RSION BLE °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	73510	60802	11305	73461	50802	82818	85920	
102	London Airport	772	73509	61805	11305	725//	01804	83820	84830	
100	Gatwick	776	83007	62022	11504	885//	00202	83820	88630	
99	Thorney Island	871	73404	67022	11906	6853/	01505	84825	83640	87362
97	Hurn	862	83406	77032	12505	885//	52703	83828	88656	
95	Guernsey	894	83506	66022	13205	885//	01601	82820	84630	88645
93	Wattisham	590	80208	64617	10303	853//	01602	82707	87709	88615
91	Gorleston	497	83610	58607	10003	854//	03400	88615		
90	Mildenhall	578	80208	62217	10703	3732/	01705	83708	88522	
88	Cardington	559	83507	58616	11804	853//	02802	84709	86614	88618
86	West Raynham	485	80112	58617	10703	853//	02400	86707	88625	
84	Wittering	462	83605	59617	12103	853//	02802	87707	88635	
82	Boscombe Down	746	73605	74025	12804	785//	50603	85820	87640	
81	Ross-on-Wye	627	83502	57022	12804	885//	51805	81825	88630	
79	Bristol	628	73506	60052	12805	754//	01604	83615	87635	
77	Aberporth	502	81109	59031	12805	885//	00702	82820	88630	
75	Rhoose (Cardiff)	715	81406	66022	13104	885//	01802	82820	83625	88635
73	Plymouth	827	80906	59052	12706	856//	02801	88645		
72	Chivenor	707	80705	65022	13106	885//	02801	84825	88650	
70	St. Mawgan	817	73005	61021	12607	785//	02703	82825	87645	
68	Culdrose	809	72501	68052	12108	784//	01705	81818	87640	
66	Scilly	804	71611	61022	12308	7093/	02705	87360		
64	Elmdon	534	70308	58016	12804	784//	00602	86818	87625	
63	Shawbury	414	83602	57026	13503	854//	00604	83715	74625	88635
61	Manchester	334	70406	59218	13004	785//	52804	84822	87656	
59	Squires Gate	318	70910	59042	13507	785//	50707	85825	87656	
57	Valley	302	70608	64031	13506	756//	02601	87630		
55	Ronaldsway	204	40913	69031	14206	41500	51603	84828		
54	Carlisle	222	/0710	64022	15805	785//	51704	83828	87640	
52	Watnall	354	70205	40258	12803	784//	03704	81712	83815	87625
50	Spurn Head	396	80715	48616	12303	862//	02701	88705		
48	Finningley	360	80215	58687	13204	7142/	02803	83710	87814	88459
46	Dishforth	261	80511	69032	13704	856//	50704	84630	88645	
45	Tynemouth	262	80618	61022	15404	855//	02400	88625		
43	Eskdalemuir	162	70610	70011	15704	785//	52703	86820	86635	
41	Mull of Galloway	131	31118	70011	15006	32500	00703	83825		
39	Prestwick	135	70615	66021	15108	755//	52709	81625	86640	
37	Renfrew	141	71015	58041	15807	786//	53707	81830	87640	
36	Leuchars	171	70817	80022	16806	785//	51705	83825	87645	
34	Dyce	091	70609	66031	18305	725//	52000	87825		
32	Wick	075	31210	74011	19107	32400	50806	83815		
30	Cape Wrath	049	41410	83011	17706	425//	02204	84825		
28	Sule Skerry	010	41009	81030	19507	425//	02400	84825		
27	Lerwick	005	11009	80020	21307	11500	02603	81820		
25	Stornoway	026	11113	82021	17307	11601	51706	81830		
23	Benbecula	022	11416	74021	15808	12501	51701	81820		
21	Tiree	100	41215	74031	15207	38430	51808	81818	83624	
19	Aldergrove	917	71113	66021	14405	785//	51705	83825	87628	
18	Malin Head	980	51313	80021	13906	52400	52704	85818		
16	Belmullet	976	71419	66101	08809	40932	03710	84358	87070	
14	Birr	965	81313	61032	11307	885//	02709	82821	88635	
12	Collinstown	969	71012	66018	13406	785//	51802	83820	87636	
10	Rineanna	962	81318	62052	09609	785//	02711	81830	87650	
9	Roches Point	952	71217	58052	10508	3847/	04711	81818	83650	87459
7	Valentia	953	81018	66616	06209	864//	06612	87714	88632	

OBSERVATIONS at 18h. 30 March 1964

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$
775	83308	62028	11105	6855/	50105	83822	86835	87359
772	73207	59258	11105	785//	02204	82820	83630	87650
776	83107	62028	10904	855//	01301	83625	88640	
871	83204	61022	11805	6567/	01203	86645	88359	
862	73306	74012	12305	755//	50206	83625	87640	
894	73602	62022	12605	785//	02501	82822	87635	
590	83410	62028	10503	884//	01207	81712	86822	88640
497	83607	60802	10003	884//	01103	84818	88624	
578	73606	69028	10503	785//	01103	83820	86650	
559	73509	59258	11603	784//	01304	81812	87630	
485	83611	56606	10402	853//	01202	86707	88615	
462	70108	59216	11703	6843/	01302	83810	86640	
746	83305	61022	12504	856//	00303	88635		
627	82902	57022	12305	865//	00301	88720		
628	73504	58052	12505	756//	00302	87635		
502	70507	66032	12105	786//	01301	83830	85640	
715	70803	59042	12605	6557/	01304	83620	86635	
827	71405	58052	11606	757//	03703	87650		
707	80606	61022	12007	855//	01602	81625	88656	
817	71211	58032	11506	5567/	04603	85645	87360	
809	71803	66052	11408	755//	02601	82625	87645	
804	81610	59022	10108	856//	04708	88635		
534	83606	40618	12403	884//	50303	86814	88630	
414	83305	58032	12404	855//	00502	83625	86630	88640
334	80706	37042	12504	845//	51303	84625	88640	
318	80810	48042	13005	855//	01301	85625	88635	
302	70000	62012	12705	755//	02303	82625	87630	
204	70707	74031	13705	786//	51501	81830	87650	
222	80408	58052	15004	885//	01203	83826	85635	88650
354	80205	40258	12202	884//	01301	82818	88635	
396	80212	40237	11703	6622/	02701	86705	88557	
360	80310	59607	12803	6842/	01400	83815	86640	88459
261	80408	56612	13103	854//	01101	83715	88640	
262	80712	58616	14303	8052/	02602	88525		
162	80705	62258	14802	884//	50501	85819	88635	
131	71115	70012	14005	756//	00702	87630		
135	70611	66032	14605	754//	51303	81618	83622	87630
141	70712	50042	15305	785//	51801	82822	87635	
171	80612	60808	16103	884//	02503	86815	88630	
091	70812	62022	18204	785//	51102	83820	87640	
075	21214	80010	18905	25600	52302	82640		
049	30915	83021	17105	25601	00203	82630		
010	31113	81020	18706	11505	02703	81825		
005	10707	80020	21105	14501	52303	81620		
026	11013	82010	16507	00901	50502	81075		
022	21409	80020	14907	10931	52504	81362		
100	21317	80031	14307	18501	50502	81822		
917	70908	66022	13005	785//	51500	82825	87633	
980	51210	80012	13006	585//	51703	81820	85645	
976	71215	62052	07908	4563/	04500	84635	87358	
965	81209	66032	13106	856//	01103	88636		
969	61208	66041	12305	25504	50202	82625	86068	
962	81318	69606	08408	6552/	01602	82625	86650	88458
952	81117	50616	08806	6742/	04505	86710	88556	
953	81715	66606	04810	864//	09603	88712		

OBSERVATIONS during DAY

iii	RRT T+T+E sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97061 013	pr_0	pr_0ir_0
772	97061 012	id_0pr_0	pr_0id_0
776	97051 000	ir_0	pr_0
871	00071 003	+	+
862	00060 ///	+	+
894	00060 000	+	+
590	01031 ///	$s_0s_0r_0r_0pr_0$	pr_0s_0dd
497	01042 005	ir_0	$pr_0r_0r_0$
578	95051 002	$r_0r_0pr_0$	pr_0
559	92051 000	$d_0d_0r_0r_0rrpr_0$	pr_0
485	03041 000	$r_0s_0r_0s_0r_0r_0$	$r_0r_0rrrsrs$
462	01041 000	$r_0r_0r_0s_0$	$r_0r_0r_0s_0$
746	00051 001	+	+
627	00051 005	+	+
628	00050 000	+	+
502	00061 033	+	+
715	00061 000	+	+
827	00071 000	+	+
707	00081 000	+	+
817	00081 018	+	+
809	00090 028	+	+
804	97101 006	+	ir_0
534	97051 000	pr_0	$pr_0r_0r_0$
414	97051 000	d_0r_0	+
334	97061 001	$pr_0id_0ir_0$	+
318	00081 001	+	+
302	00071 042	+	+
204	00070 055	+	+
222	97061 012	+	pr_0ir_0
354	01051 000	$r_0s_0r_0r_0pr_0$	pr_0
396	03042 000	$r_0r_0ir_0s_0$	$ir_0s_0r_0r_0$
360	92041 000	$d_0s_0d_0s_0id_0$	$d_0r_0r_0r_0$
261	96051 003	ir_0	$ir_0r_0r_0$
262	02042 000	+	r_0r_0rr
162	97051 015	pr_0	pr_0id_0
131	00060 ///	/	/
135	00080 049	+	+
141	97071 027	+	id_0
171	93071 013	pr_0	pr_0
091	97061 040	+	pr_0
075	00071 103	+	+
049	00070 ///	+	+
010	00080 ///	/	/
005	00071 116	+	+
026	00090 091	+	+
022	00090 101	+	+
100	00080 088	+	+
917	00061 017	+	+
980	0007/ 051	/	/
976	9710/ 041	/	/
965	0009/ 013	/	/
969	9707/ 049	/	/
962	9710/ 004	/	/
952	9208/ 009	/	/
953	0510/ 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	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$OT_sT_dT_d$	$Id_wd_wP_HW_w$	$Id_wd_wP_HW_w$
A	20620	33512	51620	99018	03204	58500	00243	81820	85625	05401	11633	10945
B	20565	51012	72914	98028	19200	62501	00400	86820	/////	05657	13036	1////
C	20527	35512	33133	98268	11804	33500	00217	83920	/////	05452	13136	1////
D	20440	41012	73210	98022	32608	11572	00115	81825	83359	05902	13145	1////
I	20590	19112	71312	98032	02009	784//	31210	81818	87645	00007	11224	12047
J	20525	19912	63307	98026	02508	68500	61311	85823	83640	05503	12943	12443
K	20451	15612	12311	97018	05812	11500	00716	81830	/////	00105	12321	12944
M	23660	02012	70308	98022	25106	75500	00103	/////	/////	05152	149/2	1////

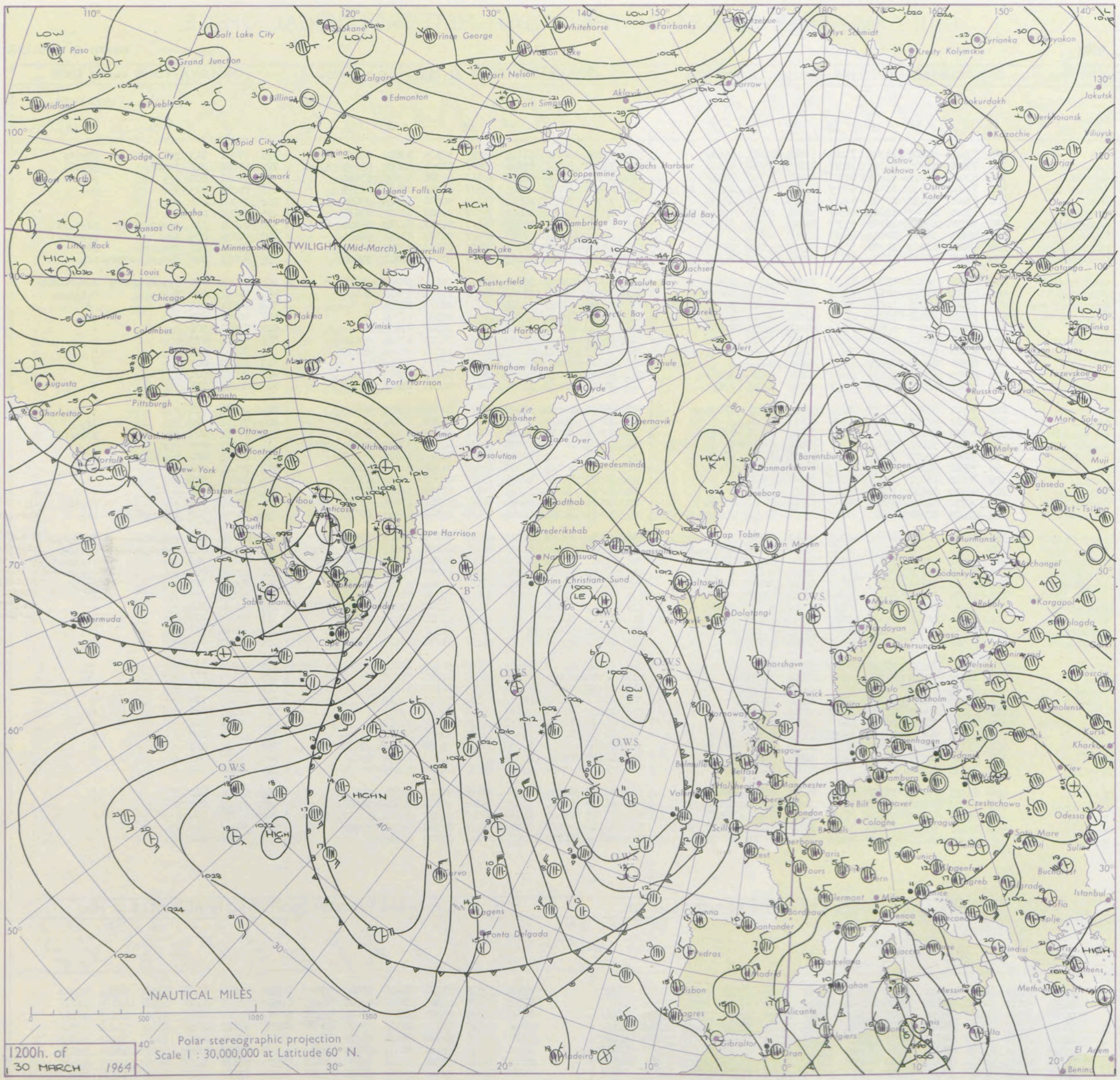
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$OT_sT_dT_d$	$Id_wd_wP_HW_w$	$Id_wd_wP_HW_w$
A	20620	33518	10000	98021	08607	15600	00222	81630	/////	00051	149/1	12646
B	20565	51018	70906	98028	18500	21475	00810	82815	84362	05658	13134	1////
C	20527	35518	53030	98268	16004	33560	00227	83820	/////	05453	13149	1////
D	20440	41018	82012	98022	29610	21571	00725	82825	88360	05606	12022	13045
I	20590	19118	71414	98158	04209	784//	00316	85816	86640	00007	11423	12146
J	20525	19718	53411	98031	02709	49563	22201	83823	82923	05403	13432	12443
K	20450	15618	72214	96028	99710	79440	00732	83915	85357	05407	12222	12944
M	23660	02018	70514	98022	25406	75600	00303	/////	/////	05100	10522	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


TWILIGHT (Mid-March)
HIGH
LOW
O.W.S. "A"
O.W.S. "B"
O.W.S. "C"
O.W.S. "D"
O.W.S. "E"
El Paso
Salt Lake City
Grand Junction
Midland
Pueblo
Billings
Spokane
Prince George
Whitehorse
Fairbanks
Fort Nelson
Calgary
Edmonton
Fort Simpson
Aklavik
Barrow
Rapid City
Dodge City
Fort Worth
Kansas City
Omaha
Minneapolis
Winnipeg
Island Falls
Coppermine
Fort Smith
Little Rock
St. Louis
Chicago
Nashville
Columbus
Churchill
Baker Lake
Chesterfield
Cambridge Bay
Resolute Bay
Eureka
Alert
Winisk
Moosonee
Port Harrison
Nottingham Island
Clyde
Pittsburgh
Charleston
Augusta
Toronto
Ottawa
Montreal
Washington
Norfolk
New York
Boston
Bermuda
Cape Race
Sable Island
Yarmouth
Caribou
Anticosti
Cape Harrison
Fort Chimo
Lake Harbour
Resolution
Cape Dyer
Godthab
Frederikshab
Narssarssuaq
Prins Christians Sund
Reykjavik
Aklavik
Cape Parry
Tuktoyaktuk
Coppermine
Sachs Harbour
Ould Bay
Ostrov Jakhova
Ostrov Kotelny
Nys Schmidt
Tiksi
Cherskiy
Verkhoiansk
Yakutsk
Oymyakon
Verkhoyansk
Kazachie
Tiksi
Jakutsk
Barentsburg
Hopen
Bjornoya
Tromso
Vardo
Banak
Alta
Kirkenes
Petsamo
Murmansk
Archangel
Kandalaksha
Kem
Kargapol
Vologda
Petrozavodsk
Helsinki
Stockholm
Oslo
Leningrad
Moscow
Smolensk
Kursk
Kharkov
Kiev
Odessa
Sulina
Istanbul
Athens
Malta
Tripoli
Benina
El Adem
Algiers
Gibraltar
Madeira
Lisbon
Oporto
Santander
Madrid
Barcelona
Palma
Alicante
Bordeaux
Cologne
Paris
Cherbourg
Brest
Scilly
Belmullet
Valentia
Holyhead
Belfast
Glasgow
Manchester
London
Amsterdam
Hamburg
Berlin
Prague
Munich
Vienna
Innsbruck
Zagreb
Belgrade
Sofia
Salonika
Athens
Czestochowa
Lvov
Kishinev
Bucharest
Constanta
Sulina
Sotu Mare
Nice
Genoa
Milan
Turin
Clermont
Tours
Lyons
Ponta Delgada
Lajes
Nordholz
Hannover
Copenhagen
Thorshavn
Wick
Aberdeen
Stornoway
Valentia
Scilly
Belmullet

CHARTS OF WEATHER IN WEST EUROPE

1800h. of 30 MARCH 1964

Mean Sea surface isotherms for MARCH 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 31 MARCH 1964

0600h. of 31 MARCH 1964

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 31 March 1964

A high pressure belt persists from Scandinavia to Greenland while deepening depressions are slow moving off northwest Spain and near Corsica. The cold easterly airflow continues to cover much of Britain and a shallow depression off east Anglia is drifting very slowly westwards.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Cold, mainly dull weather continuing over most of Britain with occasional rain or drizzle and a little snow on high ground. North and northwest Scotland and a few places in the west of Britain will have sunny periods and night frost. Temperatures will be below normal, central and eastern areas remaining cold.

OUTLOOK for following 24 hours

The rain will gradually die out and most parts will be mainly dry with some bright periods. Day temperatures will be a little higher in most places.

Code FM 11.A

OBSERVATIONS at 00h. 31 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			04					
London Airport	772	83106	59038	11503	854//	01805	83712	88635	
Gatwick	776	83106	62022	11604	856//	01604	88643		
Thorney Island	871	83402	61022	12304	856//	01804	88641		
Hurn	862	83303	58012	12604	856//	01705	88640		
Guernsey	894	61005	62012	12904	656//	02605	86645		
Wattisham	590	83206	56506	10601	872//	01607	88703		
Gorleston	497	83305	58216	10402	855//	02803	88621		
Mildenhall	578	83104	56028	11102	873//	01803	83707	88710	
Cardington	559	83005	58205	11902	853//	01802	83709	88614	
West Raynham	485	83506	58017	10902	853//	01604	82707	88619	
Wittering	462	83207	56026	12002	862//	01802	82705	88707	
Boscombe Down	746	83301	40052	12803	856//	01703	88639		
Ross-on-Wye									
Bristol	628	80000	56052	12604	856//	01504	88636		
Aberporth	502	11810	62021	12602	15700	51702	81650		
Rhoose (Cardiff)	715	80000	56041	12604	857//	50605	88650		
Plymouth	827	10707	48051	12102	15500	01805	81625		
Chivenor	707	00904	58011	12602	00900	00400			
St. Mawgan	817	71210	56022	11705	7097/	04705	87359		
Culdrose	809	81303	62052	11206	855//	04802	85620	88640	
Scilly	804	81515	59606	10008	856//	05704	88630		
Elmdon	534	80106	56026	12502	854//	00704	83713	88625	
Shawbury	414	80103	32042	13003	856//	00801	86634	88643	
Manchester	334	80305	50501	13002	854//	51801	83713	88618	
Squires Gate	318	80501	56501	13702	854//	00101	82715	88624	
Valley	302	80606	48042	13305	856//	03001	88634		
Ronaldsway	204	71012	61032	13705	755//	50101	81620	87628	
Carlisle	222	80505	59618	15503	854//	01602	83711	85615	88630
Watnall	354	83607	40206	12601	872//	01702	86704	88705	
Spurn Head	396	80210	59616	11903	4622/	02501	84705	88557	
Finningley	360	83509	48516	12902	852//	01704	84705	84708	88615
Dishforth	261	83608	58616	13502	854//	01804	87714	88619	
Tynemouth	262	80718	61516	15004	8052/	02400	88520		
Eskdalemuir	162	80505	58515	15501	852//	00000	85705	88630	
Mull of Galloway	131	21116	66011	14403	21500	01401	82825		
Prestwick	135	80608	66022	15003	856//	01603	81640	88650	
Renfrew	141	80607	59616	15904	853//	03000	82709	84712	87621
Leuchars	171	80717	60588	16804	854//	02000	84716	88623	
Dyce	091	80812	62258	18704	884//	00804	83819	88627	
Wick	075	31308	80020	20004	35600	52103	83635		
Cape Wrath	049	10910	83020	18703	15500	02210	81625		
Sule Skerry	010	41109	82020	20005	45500	52203	84625		
Lerwick	005	10000	82020	21801	15500	51201	81620		
Stornoway	026	01213	82020	18204	00900	51107			
Benbecula	022	71312	69031	16404	4563/	02205	84637	86359	
Tiree	100	71114	74031	15705	755//	00004	82625	87467	
Aldergrove	917	70909	66021	13904	756//	00400	87630		
Malin Head	980	71313	74031	13805	756//	50400	87640		
Belmullet	976	81214	66216	09505	855//	02305	88627		
Birr	965	81009	62022	10904	856//	01801	88633		
Collinstown	969	81406	61042	12605	855//	00802	84625	88630	
Rineanna	962	81118	59026	09006	855//	03201	88625		
Roches Point	952	81118	59606	09308	874//	04202	88717		
Valentia	953	81312	61586	05409	864//	07305	88712		

OBSERVATIONS at 06h. 31 March 1964

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	83208	56022	11103	863//	00705	86708	88715	
London Airport	772	83407	50032	10902	854//	01504	85710	86713	88630
Gatwick	776	73205	58022	11202	7567/	00502	86636	87360	
Thorney Island	871	80103	58022	11403	856//	01603	88638		
Hurn	862	80000	40052	11403	856//	01603	88638		
Guernsey	894	80000	62032	11204	884//	01605	82819	87642	
Wattisham	590	83406	32616	10101	872//	01603	87703	88708	
Gorleston	497	80406	62216	10003	855//	01702	88620		
Mildenhall	578	83303	28026	10503	873//	02400	86706	88711	
Cardington	559	83205	56258	11102	863//	01503	85706	88708	
West Raynham	485	80306	48036	10502	873//	02602	86707	88710	
Wittering	462	83407	20516	11402	872//	02601	87703	88709	
Boscombe Down	746	80203	40052	12102	854//	01501	82615	88630	
Ross-on-Wye	627	80304	48052	12003	864//	00603	88710		
Bristol	628	80206	40052	11503	855//	01501	83620	88635	
Aberporth	502	21802	62011	11901	25600	51703	82640		
Rhoose (Cardiff)	715	70000	48042	11603	757//	01602	87645		
Plymouth	827	40906	40050	11001	45500	01502	81625	84650	
Chivenor	707	00802	56010	11500	00900	51606			
St. Mawgan	817	71009	56022	10504	755//	02601	87620		
Culdrose	809	81207	59052	09807	854//	04602	82715	85635	88657
Scilly	804	81314	61036	08608	856//	05502	88640		
Elmdon	534	83306	32685	12402	873//	00301	88707		
Shawbury	414	83405	19046	12701	855//	00400	85620	88635	
Manchester	334	80102	59215	12503	854//	50301	82710	84615	88630
Squires Gate	318	80403	37586	13403	854//	01304	82715	87618	88625
Valley	302	60602	57042	12802	656//	01801	82630	85635	
Ronaldsway	204	70509	62022	13404	5543/	01701	84615	83635	86359
Carlisle	222	80407	59606	15403	854//	01301	81712	88625	
Watnall	354	80307	19515	12002	872//	02301	88703		
Spurn Head	396	80210	32026	11503	862//	02400	88705		
Finningley	360	80111	44515	12403	872//	02400	86705	88708	
Dishforth	261	80308	59602	13303	855//	01302	88620		
Tynemouth	262	80717	61025	14804	855//	01302	88625		
Eskdalemuir	162	80607	40506	15602	863//	01500	88706		
Mull of Galloway	131	70920	66022	14503	785//	01401	82820	86625	
Prestwick	135	80708	60617	15404	854//	01305	86619	88640	
Renfrew	141	80607	50586	16203	853//	02303	81707	84710	88612
Leuchars	171	80717	60606	16804	854//	02102	82716	86622	88635
Dyce	091	80809	59608	18804	854//	01302	81715	84618	88630
Wick	075	10810	80020	20103	15601	52302	81635		
Cape Wrath	049	30908	83020	19303	35500	00202	83625		
Sule Skerry	010	30805	82020	20605	32500	52202	83825		
Lerwick	005	30303	82011	21601	35500	51400	83620		
Stornoway	026	51014	80031	19004	55600	51204	85635		
Benbecula	022	10809	69021	17400	15630	52306	81635		
Tiree	100	80910	69032	16105	854//	01302	82714	83618	88629
Aldergrove	917	81005	66022	14303	855//	01204	88620		
Malin Head	980	81209	80022	14504	857//	01106	88650		
Belmullet	976	81109	66022	09505	855//	02101	88627		
Birr	965	80904	66012	10905	854//	01302	88637		
Collinstown	969	80909	59042	12405	855//	02400	82622	88630	
Rineanna	962	71120	58216	09206	755//	03304	82624	87630	
Roches Point	952	80913	58586	08907	863//	05302	88709		
Valentia	953	80918	62586	05309	864//	07303	86715	88625	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_gE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97031	02	pr_0	ir_0
London Airport	772	97021	01	d_0	id_0
Gatwick	776	00011	01	+	+
Thorney Island	871	00031	01	+	+
Hurn	862	00030	02	+	+
Guernsey	894	00031	51	+	+
Wattisham	590	92012	01	$id_0d_0d_0$	$d_0d_0r_0r_0id_0$
Gorleston	497	01022	02	$r_0r_0ir_0$	ir_0
Mildenhall	578	97021	01	pr_0	ir_0id_0
Cardington	559	97011	01	id_0	$pr_0d_0d_0$
West Raynham	485	96011	01	$r_0r_0ir_0$	$d_0d_0d_0r_0d_0r_0$
Wittering	462	94011	01	id_0ir_0	$ir_0d_0d_0$
Boscombe Down	746	00021	01	+	+
Ross-on-Wye	627	00021	02	+	+
Bristol	628	00030	02	+	+
Aberporth	502	00011	55	+	+
Rhoose (Cardiff)	715	00021	01	+	+
Plymouth	827	00011	52	+	+
Chivenor	707	00501	54	+	+
St. Mawgan	817	00031	02	+	+
Culdrose	809	00060	04	+	+
Scilly	804	97071	//	ir_0	+
Elmdon	534	97011	50	+	$r_0s_0d_0d_0$
Shawbury	414	97001	53	ir_0	d_0r_0
Manchester	334	97021	01	id_0	$ir_0d_0d_0$
Squires Gate	318	97511	55	d_0d_0	$d_0r_0ir_0$
Valley	302	00021	00	+	+
Ronaldsway	204	00030	01	+	+
Carlisle	222	93021	01	$ir_0r_0r_0$	$r_0r_0ir_0$
Watnall	354	93011	01	$d_0r_0d_0d_0$	$id_0d_0d_0$
Spurn Head	396	02021	//	r_0r_0	$r_0r_0ir_0$
Finningley	360	92021	02	$d_0r_0d_0d_0$	d_0d_0
Dishforth	261	93021	02	r_0r_0	ir_0
Tynemouth	262	01031	02	rrd_0d_0	pr_0
Eskdalemuir	162	94011	01	$id_0d_0d_0r_0r_0$	$d_0d_0d_0r_0$
Mull of Galloway	131	00020	//	/	/
Prestwick	135	97031	01	ir_0s_0	$ir_0s_0ir_0r_0r_0$
Renfrew	141	94031	02	$id_0d_0r_0$	d_0r_0
Leuchars	171	97041	03	$pr_0id_0r_0$	$d_0r_0d_0r_0ir_0$
Dyce	091	97031	02	pr_0	$ir_0d_0r_0$
Wick	075	00021	55	+	+
Cape Wrath	049	00010	00	+	+
Sule Skerry	010	00040	02	/	/
Lerwick	005	00511	55	+	+
Stornoway	026	00030	01	+	+
Benbecula	022	00510	57	+	+
Tiree	100	00040	01	+	+
Aldergrove	917	00031	50	+	+
Malin Head	980	00021	01	/	/
Belmullet	976	97041	04	/	/
Birr	965	00041	02	/	/
Collinstown	969	97031	51	/	/
Rineanna	962	97061	05	/	/
Roches Point	952	01071	06	/	/
Valentia	953	05081	08	/	/

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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33600	43513	98030	11005	45600	00106	84645	/////	05201	135/1	149/5
B	30565	51000	81127	97858	11601	825//	00729	88820	/////	05453	11023	13344
C	30527	35500	82926	97268	20004	855//	00216	88625	/////	05454	18140	1////
D	30440	41000	81923	97022	28712	2147/	00812	82825	88359	05108	12034	1////
I	30590	19300	81220	98618	08109	854//	00118	83712	88630	05207	12223	149/5
J	30524	19600	43616	98020	04708	45500	00107	84630	/////	05403	13432	12242
K	30449	15400	73120	97802	98808	79500	00708	86920	/////	05806	13044	1////
M	33660	02000	80614	98022	25906	885//	00205	/////	/////	05200	10623	1////

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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30619	33506	83520	98258	10805	885//	00705	83822	88628	05202	134/2	13547
B												
C	30527	35506	82912	97022	19804	855//	00602	88625	/////	05352	12936	1////
D	30440	41006	82022	97022	24414	3142/	00717	83815	88458	00313	12034	1////
I	30590	19306	71029	98256	11108	784//	31112	81816	83635	05205	12447	114/4
J	30523	19606	63521	98026	05509	5841/	00500	84630	/////	05304	13433	12242
K	30449	15306	83030	94818	94808	89400	00617	879;5	/////	05708	13056	1////
M	33660	02006	70310	97022	25906	78500	00400	/////	/////	05100	10623	1////

CONVE TAB

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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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