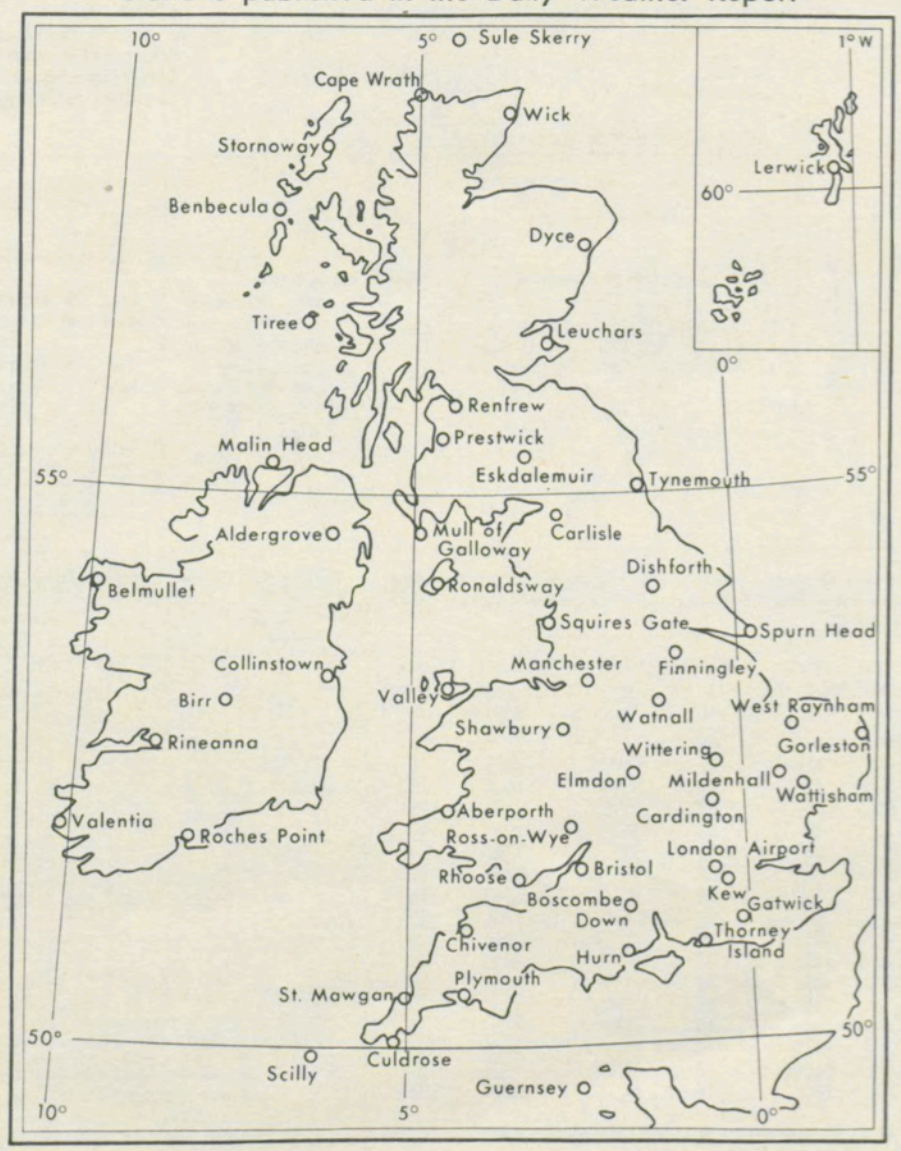
THE DAILY WEATHER REPORT

(INTRODUCTION)

1st January to 31st March, 1963

Stations published in the Daily Weather Report



METEOROLOGICAL OFFICE
Bracknell, Berkshire

1. HISTORY

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

2. FORM OF PRESENTATION

(i) **Observations.**—Pages 1 and 4 of the Daily Weather Report contain reports for the four main hours of observation from a representative number of stations in Great Britain and Ireland which provide full reports together with a selection of reports from ocean weather stations for the same hours. In addition, Beaufort letters (Table 19), mainly describing precipitation, are given for each of the four six-hourly periods, together with reports of maximum and minimum temperature, sunshine, rainfall and state of ground (Table 13), in respect of the land stations listed. Explanations of the codes and specifications used are given below.

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

(iii) **General Synoptic Development, Forecast and Outlook.**—Below the weather charts on page 3 will be found a statement which describes the main features in the evolution of the synoptic situation over the United Kingdom during the preceding 24 hours together with an indication of the manner in which it is expected to develop during the succeeding 24 hours. On the right of this statement is a forecast of the weather expected during a period of 24 hours from noon on the day of issue, followed by an outlook for a further period, the duration of which is normally 24 hours but may be longer in certain weather situations.

3. NOTES

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

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

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

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

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

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

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

4. EXPLANATION OF CODES AND SPECIFICATIONS

CODE FM 11A—Land Stations

N dd ff	VV ww W	PPP TT	N_h C_L h C_M C_H	T_d T_d a pp	$8N_s$ C h_sh_s	RRT_xT_xE sss RRT_nT_nE T_gT_g
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Celsius.	N_h = Amount of cloud the height of which is given by h (Table 1). C_L = Form of low cloud (Table 6). h = Height above ground of base of cloud (Table 9). C_M = Form of Medium Cloud (Table 7). C_H = Form of high cloud (Table 8).	T_dT_d = Dew point temperature in whole degrees Celsius. a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	8 = Indicator figure. N_s = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h_sh_s = Height of base of cloud (Table 12).	RR = Rainfall (Table 18) (Code 3577) (09h–21h) (21h–09h). T_xT_x = Maximum temperature in whole degrees Celsius (09h–21h). T_nT_n = Minimum temperature in whole degrees Celsius (21h–09h). T_gT_g = Minimum temperature on grass in whole degrees Celsius. (21h–09h). sss = Duration of sunshine (in hours and tenths). E = State of ground (Table 13) (Code 0900) (09h–21h) (21h–09h).

CODE FM 21A—Ships

YQ$L_aL_aL_a$	$L_oL_oL_oGG$	Followed by first four groups as in FM 11A above.	D_s v_s a pp	O T_sT_s T_dT_d	I d_wd_w P_w H_w
Y = Day of the week. Q = Octant of the Globe (0 = west, 3 = east). $L_aL_aL_a$ = Latitude in degrees and tenths.	$L_oL_oL_o$ = Longitude in degrees and tenths. GG = Actual time to the nearest whole hour G.M.T.		D_s = Direction of movement of ship (Table 14). v_s = Speed of ship in knots (Table 15). a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	O = Indicator figure. T_sT_s = Difference between air temperature and sea temperature in ½ degrees Celsius. (If the air temperature is less than the sea temperature, 50 is added to the difference.) T_dT_d = Dew point temperature in whole degrees Celsius.	I = Indicator figure. d_wd_w = Direction of waves to tens of degrees (Table 2). P_w = Period of waves (Table 16). H_w = Mean maximum height of waves (Table 17). When it is possible to make a clear distinction between sea and swell two I d_wd_w P_w H_w groups are reported. The first relates to wind waves, the second to waves of the predominant swell system. In the case of "no sea" with or without swell the first group is reported as 100 + 0.

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

0 = None.

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

2 = 2 eighths of sky covered.

3 = 3 eighths of sky covered.

4 = 4 eighths of sky covered.

5 = 5 eighths of sky covered.

6 = 6 eighths of sky covered.

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

8 = 8 eighths (sky completely covered).

9 = Sky obscured or cloud amount cannot be estimated.

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

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

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

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

Variable, direction indeterminate (waves greater then 4¾ metres) 99

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

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

First Code Figure	Second Code Figure 0	1	2	3	4	5	6	7	8	9
					MILES					
5	3⅛	*	*	*	*	*	3¾	†	5	
6	6¼		7½		8¾		10		11¼	
7	12½		13¾		15		16¼		17½	
8	18¾		25		31¼		37½		43¾	Over 43¾
		YARDS								
9‡	<55	55	220	550	1,100	2,200	2½	6¼	12½	31 or over
					YARDS					
F	<11	11	22	33	44	55	66	77	88	99

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

† Values not given may be obtained by interpolation.

* Code figures not used.

‡ Decade 90–99 is used when visibility cannot be determined with sufficient accuracy to justify lower code figures.

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

0 = Cloud covering ½ or less of the sky throughout the appropriate period.

1 = Cloud covering more than ½ of the sky during part of the appropriate period and covering half or less during part of the period.

2 = Cloud covering more than ½ of the sky throughout the appropriate period.

3 = Sandstorm, duststorm or blowing snow.

4 = Fog, ice fog or thick haze.

5 = Drizzle.

6 = Rain.

7 = Snow, or rain and snow mixed.

8 = Shower(s)

9 = Thunderstorm(s) with or without precipitation.

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

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

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

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

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

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

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

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

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

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

50–59 Drizzle at time of observation.

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

60–69 Rain at time of observation.

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

70–79 Solid precipitation not in showers.

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

80–90 Showery precipitation

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

91–99 Precipitation with current or recent thunderstorm

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

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

† Tornado cloud or water spout.

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

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

Table 6.—Code for form of Low Cloud (C_L) (Code 0513)

- 0 = No stratocumulus, stratus, cumulus or cumulonimbus.
- 1 = Ragged cumulus other than of bad weather, or cumulus with little vertical extent and seemingly flattened, or both.
- 2 = Cumulus of moderate or strong vertical extent, generally with protuberances in the form of domes or towers, either accompanied or not by other cumulus or by stratocumulus : all having their bases at the same level.
- 3 = Cumulonimbus, the summits of which, at least partially, lack sharp outlines, but are neither clearly fibrous (cirriform) nor in the form of an anvil : cumulus, stratocumulus or stratus may also be present.
- 4 = Stratocumulus formed by the spreading out of cumulus : cumulus may also be present.
- 5 = Stratocumulus not resulting from the spreading out of cumulus.
- 6 = Stratus in a more or less continuous sheet or layer, or in ragged shreds, or both, but no stratus fractus of bad weather.
- 7 = Stratus fractus of bad weather or cumulus fractus of bad weather (pannus), or both ; usually below altostratus or nimbostratus. By " bad weather " is meant the conditions which generally exist before, during or after precipitation.
- 8 = Cumulus and stratocumulus, other than those formed from the spreading out of cumulus : the base of cumulus is at a different level from that of stratocumulus.
- 9 = Cumulonimbus, the upper part of which is clearly fibrous (cirriform), often in the form of an anvil ; either accompanied or not by cumulus, stratocumulus, stratus or pannus.
- / = Stratocumulus, stratus, cumulus and cumulonimbus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena.

Table 7.—Code for form of Medium Cloud (C_M) (Code 0515)

- 0 = No altocumulus, altostratus or nimbostratus.
- 1 = Altostratus, the greater part of which is semi-transparent : through this part the sun or moon may be weakly visible as through ground glass.
- 2 = Altostratus, the greater part of which is sufficiently dense to hide the sun (or moon), or nimbostratus.
- 3 = Altocumulus, the greater part of which is semi-transparent, and no part of which is crenelated or in cumuliform tufts : the various elements of the cloud change only slowly and are all at a single level.
- 4 = Patches (often in the form of almonds or fishes) of altocumulus, the greater part of which is semi-transparent ; the clouds are at one or more levels and the elements are continually changing in appearance.
- 5 = Semi-transparent altocumulus in bands or altocumulus in one more or less continuous layer progressively invading the sky : these altocumulus clouds generally are growing denser as a whole. The layer may be opaque or may consist of two or more sheets.
- 6 = Altocumulus resulting from the spreading out of cumulus.
- 7 = Any one of the following cases :—
  - (*a*) Altocumulus in two or more layers, usually opaque in places and not progressively invading the sky.
  - (*b*) Opaque layer of altocumulus not progressively invading the sky.
  - (*c*) Altocumulus together with altostratus or nimbostratus or both.
- 8 = Altocumulus with sprouts in the form of small towers or battlements, or altocumulus having the appearance of cumuliform tufts.
- 9 = Altocumulus, generally at several levels, in a chaotic sky : dense cirrus is usually also present.
- / = Altocumulus, altostratus and nimbostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

Code 8.—Code for form of High Cloud (C_H) (Code 0509)

- 0 = No cirrus, cirrocumulus or cirrostratus.
- 1 = Cirrus in the form of filaments, strands or hooks, not progressively invading the sky (often called " mares' tails ").
- 2 = Dense cirrus, in patches or entangled sheaves, which usually do not increase and sometimes seem to be the remains of the upper part of a cumulonimbus : or cirrus with sproutings in the form of towers or battlements, or having the appearance of cumuliform tufts.
- 3 = Dense cirrus, often in the form of an anvil ; either the remains of the upper parts of a cumulonimbus or parts of distant cumulonimbus, the cumuliform portions of which cannot be seen.
- 4 = Cirrus in the form of hooks or of filaments, or both, progressively invading the sky : they generally become denser as a whole.
- 5 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone : in either case, they are progressively invading the sky, and generally growing denser as a whole, but the continuous veil does not reach 45 degrees above the horizon.
- 6 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone : in either case, they are progressively invading the sky, and generally growing denser as a whole ; the continuous veil extends more than 45 degrees above the horizon, without the sky being totally covered.
- 7 = Veil of cirrostratus completely covering the celestial dome.
- 8 = Cirrostratus not progressively invading the sky and not completely covering the celestial dome.
- 9 = Cirrocumulus alone or cirrocumulus accompanied by cirrus or cirrostratus, or both, but cirrocumulus is the predominant cirriform cloud.
- / = Cirrus, cirrocumulus and cirrostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

Table 9.—Code for Cloud Height (h) (Code 1600)

Code figure	Height of base of cloud	
	metres	feet
0	0–50	0–150
1	50–100	150–300
2	100–200	300–600
3	200–300	600–1,000
4	300–600	1,000–2,000
5	600–1,000	2,000–3,000
6	1,000–1,500	3,000–5,000
7	1,500–2,000	5,000–6,500
8	2,000–2,500	6,500–8,000
9	Above 2,500	Above 8,000
/	Height of base of cloud not known or base of clouds at a level lower and tops at a level higher than that of the station.	

Note 1.—If there is no cloud at all code figure 9 is reported. If the sky is not discernible owing to fog or other surface phenomena, figure 0 is reported.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CODE FIGURES 90–99*
90 = less than 150 feet
91 = 150–300 ,,
92 = 300–600 ,,
93 = 600–1,000 ,,
94 = 1,000–2,000 ,,
95 = 2,000–3,000 ,,
96 = 3,000–5,000 ,,
97 = 5,000–6,500 ,,
98 = 6,500–8,000 ,,
99 = 8,000 feet or higher or no low clouds.

* Only used when cloud height cannot be determined with greater accuracy.

Table 13.—Code for State of Ground (E) (Code 0900)

0 ... Ground dry.
1 ... ,, moist.
2 ... ,, wet.
3 ... ,, frozen.
4 ... Glaze on ground but no snow or melting snow.
5 ... Ice, snow or melting snow covering less than one-half of ground.
6 ... Ice, snow or melting snow covering more than one-half of ground (but not completely).
7 ... Ice, snow or melting snow covering ground completely.
8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).
9 ... Loose dry snow, dust or sand covering ground completely.

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

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

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

	kt.
0 =	0
1 =	1–3
2 =	4–6
3 =	7–9
4 =	10–12
5 =	13–15
6 =	16–18
7 =	19–21
8 =	22–24
9 =	>24

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

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

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

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

Notes :—

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

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

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

Table 18.—Code for Amount of Precipitation (RR) (Code 3577)

	mm.
01–55	Amount to the nearest whole millimetre.
56	60
57–90	Add 10 mm. for each unit above 56 e.g., 73 = 230 mm.
91	0·1
92	0·2
93	0·3
94	0·4
95	0·5
96	0·6
97	Trace
98	>400
99	Measurement impossible or inaccurate.

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

d = drizzle.
f = fog, visibility 220 yards. or more but less than 1,100 yards.
F = thick fog, visibility less than 220 yards.
h = hail.
ks = storm of drifting snow.
l = lightning.
p = shower(s).
r = rain.
s = snow.
rs = rain and snow.
t = thunder.

Intensity is shown by capital letters (" heavy " or " thick ") or suffix " o " (" slight "). Continuous precipitation is shown by repeating the letter and intermittent precipitation by the prefix " i ". The prefix " j " indicates weather near but not at the station.

5. EXPLANATION OF CHARTS

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather represents 10 Kt. and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

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

CLOUD SYMBOLS

Clear sky. Sky ⅛ covered. Sky ¼ covered. Sky ⅜ covered. Sky ½ covered.
Sky ⅝ covered. Sky ¾ covered. Sky ⅞ Covered Sky 8/8 covered. Sky obscured.

WEATHER SYMBOLS

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

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

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

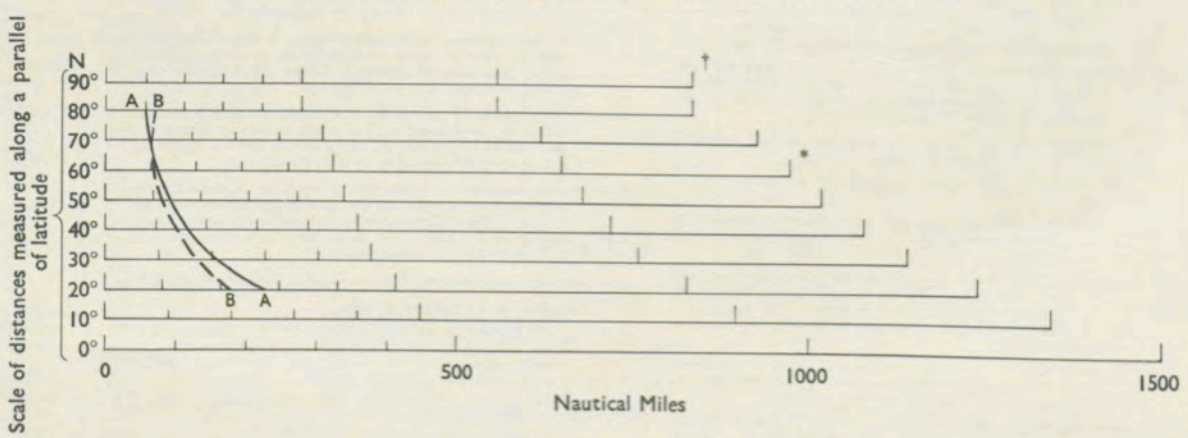
Short strokes across the frontal line indicate Frontolysis.

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

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

6. COMBINED DISTANCE AND GEOSTROPHIC WIND SCALE

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



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

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 85 — MONTHLY SUMMARY — For JANUARY 1963

VERY COLD WITH PROLONGED SNOW COVER

During the first five days a trough of low pressure moved slowly from France into England and the North Sea, bringing gales to the east coast on the 2nd. A ridge moved into Britain on the 6th and winds remained mainly easterly until the 12th, with gales at Scilly on the 8th and 10th. Troughs moved south over the North Sea between the 12th and 14th, as the ridge retreated westwards. On the 15th a depression moved rapidly south over Ireland and a trough in the North Sea moved southwest over England on the 16th. An extensive high pressure developed over Norway and Scotland between the 16th and 20th, and gradually drifted south over the North Sea into England and north France by the 24th, with strong to gale easterly winds in many parts of England and Wales between 18th and 21st. A trough moved south over Scotland on the 25th, followed from the Atlantic by a large anticyclone which slowed down over Britain between 26th and 29th. The anticyclone collapsed as another trough moved south from Scotland during 29th and 30th, but high pressure built up again from the north by the 31st.

The first week was mostly very cold with snow at times especially on the 3rd and 4th, but weather was mainly dry from the 7th to 12th with some day frost and widespread and severe night frost. Freezing fog was slow to clear over the Midlands and northeast England on the 11th.

A slow thaw by day spread into north Scotland on the 13th and to most districts by the 14th. Rain and sleet moved south from west Scotland on the 15th and very cold easterly winds returned to all districts by the 16th with snow showers.

A prolonged frosty spell lasted from 16th to 25th and much of the Midlands and south of England, including London, had unbroken frost day and night over this period. In Scotland, however, extensive day frost occurred only on 17th and 22nd.

Snow showers occurred in many eastern areas from 16th to 19th and a belt of snow moved north over England on the 20th into Northern Ireland with drifting. Some freezing rain followed but between 21st and 23rd most areas were dry with over 7 hours sunshine in many places each day. The extreme southwest continued to be quite snowy until the 26th, but freezing fog persisted for much of the 23rd, 24th and 25th over parts of the Midlands, south Wales and London with some heavy rime deposits.

On the 25th milder Atlantic air reached Scotland, Northern Ireland, and north England and spread south to all districts during the 26th. The thaw continued until the 29th though with some fog and night frost.

Weather became colder on 30th and 31st, especially in England and Wales, with snow at times and very cold northeast winds, giving day frost again in the southeast.

A feature of the month was the predominance of easterly winds, sometimes quite strong and causing some heavy snow drifting. Gusts over 75mph. were recorded at Shoeburyness and the Isles of Scilly on the 19th during a frost spell.

Though actual precipitation amounts were well below average everywhere the snowfall of late December and early January covered the ground throughout the month in many parts especially in England and Wales.

Temperatures were low everywhere with many mean maxima in England and Wales around freezing point. At Lyneham (near Swindon) and at Mildenhall (Suffolk) the day maximum on the 24th was only -7°C (20°F) and at Ross-on-Wye day temperatures never exceeded 5.3°C (42°F) which was a new low absolute maximum for any month. Night minima were also low with many very severe frosts -18°C (0°F) occurred at Shawbury (near Shrewsbury) on both the 23rd and 24th. Elmdon, Boscombe Down and Eskdalemuir had grass minima below 0.0°C (32°F) every night of the month.

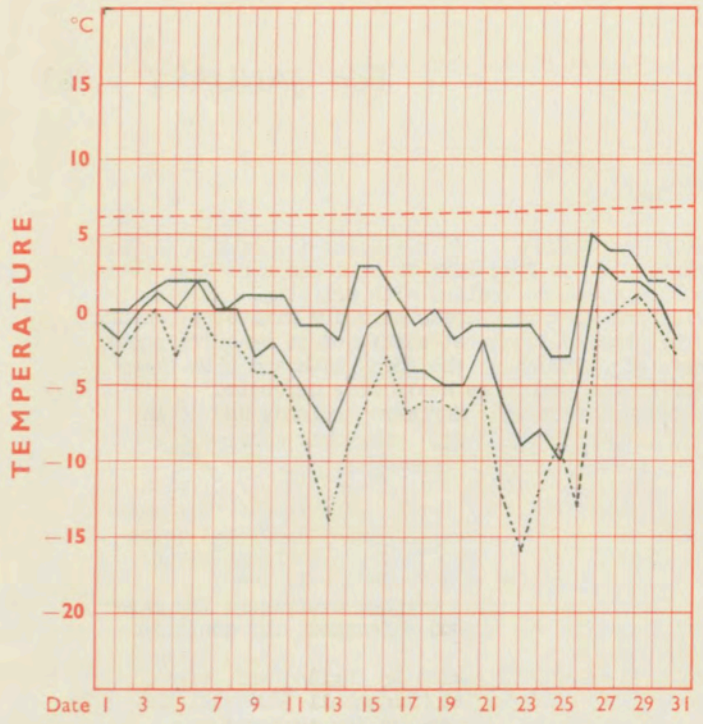
PLACE	TEMPERATURE										SUNSHINE											RAINFALL													
																Highest and lowest totals on record for month											Highest and lowest totals on record for month								
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest 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	00.6	-6.1	-02.7	-5.5	05.5	26	-09.7	25	27	24	13	06.5	09	049	114	1880	082	1952	015	1885	21	06	19	19	035	1866	127	1877	11	(a)	00	21	01
Thorney Island	00.8	-7.0	-04.0	-6.2	05.4	26	-09.1	13	30	29	11	07.7	(a)	087	-	-	-	-	-	-	24	06	03	14	018	-	-	-	-	-	00	11	00
Gorleston	01.1	-5.2	-02.2	-4.6	05.0	26	-10.3	25	26	22	12	06.5	09	051	095	1908	093	1959	027	1915	19	06	(b)	22	039	1915	142	1939	18	1933	00	15	00
Cardington	-00.6	-	-06.4	-	05.1	26	-18.3	24	28	27	13	07.8	22	063	-	-	-	-	-	-	19	07	03	19	042	-	-	-	-	-	00	14	00
Boscombe Down	-00.8	-7.3	-05.3	-6.7	02.7	27	-12.4	25	31	29	13	07.9	(b)	082	149	1933	092	1959	027	1955	25	09	02	23	031	1931	158	1943	09	1950	00	12	01
Ross-on-Wye	-00.4	-7.3	-05.9	-3.6	05.3	24	-17.5	24	30	28	15	07.4	22	074	140	1915	096	1952	027	1960	24	08	03	19	026	1859	161	1943	07	1889	00	11	02
Rhoose (Cardiff)	-00.1	-	-04.3	-	03.9	(c)	-09.7	12	29	29	15	07.7	18	075	-	-	-	-	-	-	23	38	03	56	060	-	-	-	-	-	00	10	00
Plymouth	02.0	-6.6	-02.4	-7.0	05.5	(a)	-06.5	14	30	26	09	06.7	22	094*	165	1921	086	1931	029	1937	26	08	03	21*	019	1949	170	1961	23	1953	00	12	00
Elmdon	-00.1	-6.3	-05.5	-7.1	04.3	26	-16.0*	23	31	28	14	07.4	17	073*	170	1928	070	1959	017	1960	17	07	04	26	041	1933	131	1960	14	1950	00	16	03
Valley	03.1	-4.7	-02.2	-6.6	09.0	27	-08.0	23	28	22	09	07.9	22	093	169	1913	102	1933	029	1914	22	08	29	19*	021	1946	195	1948	23	1950	00	09	00
Manchester	00.8	-5.3	-03.6	-4.9	05.0	26	-10.2	(b)	28	28	11	07.2	(c)	068	219	1946	071	1959	011	1953	23	03	04	11*	014	1929	170	1948	33	1953	00	14	02
Watnall	00.3	-5.4	-04.3	-5.4	05.6	26	-13.3	23	29	28	14	06.5	21	055	141	1934	074	1952	020	1961	18	05	03	22	032	1911	149	1948	21	1950	00	16	02
Dishforth	01.7	-4.3	-03.1	-4.4	06.0	26	-10.8	25	29	23	09	06.7	13	062	138	1945	090	1959	030	1950	17	09	03	19	031	1947	134	1948	13	1949	00	21	00
Tynemouth	02.6	-3.6	+00.1	-2.5	05.9	26	-06.2	23	23	11	11	05.2	25	040	105	1937	094	1959	006	1942	14	11	03	51	086	1864	170	1948	06	1905	00	18	00
Eskdalemuir	00.6	-3.7	-04.3	-4.0	07.8	26	-15.7	13	31	28	10	07.0	22	066	179	1910	096	1959	012	1913	16	17	30	53	028	1910	390	1920	43	1941	00	19	00
Renfrew	02.6	-3.2	-02.7	-4.0	08.8	26	-13.8	13	24	21	12	05.8	30	040	129	1921	056	1959	009	1940	24	07	29	18*	010	1921	241	1928	22	1941	00	12	02
Leuchars	02.6	-3.1	-02.1	-3.2	06.9	26	-08.6	18	23	21	09	07.0	22	051	096	1922	101	1959	021	1942	17	10	04	48	076	1922	124	1928	12	1953	00	16	00
Dyce	01.8	-3.4	-03.0	-3.4	05.1	25	-12.0	23	30	21	09	06.7	22	050	100	1925	089	1959	019	1942	13	10	04	50	062	1946	148	1947	27	1955	00	21	00
Stornoway	04.5	-2.1	+00.4	-2.2	07.3	25	-07.2	12	21	14	12	06.8	18	066*	206	1881	061	1961	012	1907	18	06	15	26*	025	1943	195	1962	70	1947	00	12	00
Aldergrove	01.9	-4.5	-02.9	-5.0	05.0	26	-10.6	23	30	25	10	06.8	22	055	128	1927	082	1959	024	1944	21	09	04	32	034	1927	143	1955	31	1935	00	19	02

(a) 16, 28
(b) 13, 24
(c) 27, 28
* New Record

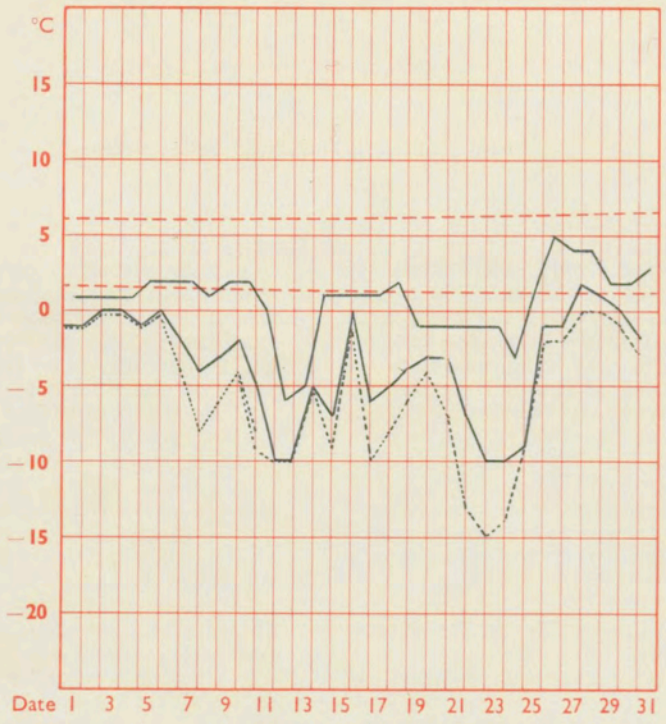
(a) 18, 21, 22
(b) 21, 22
(c) 21, 22
* New Record

(a) 1880, 1892
(b) 03, 04
* New Record

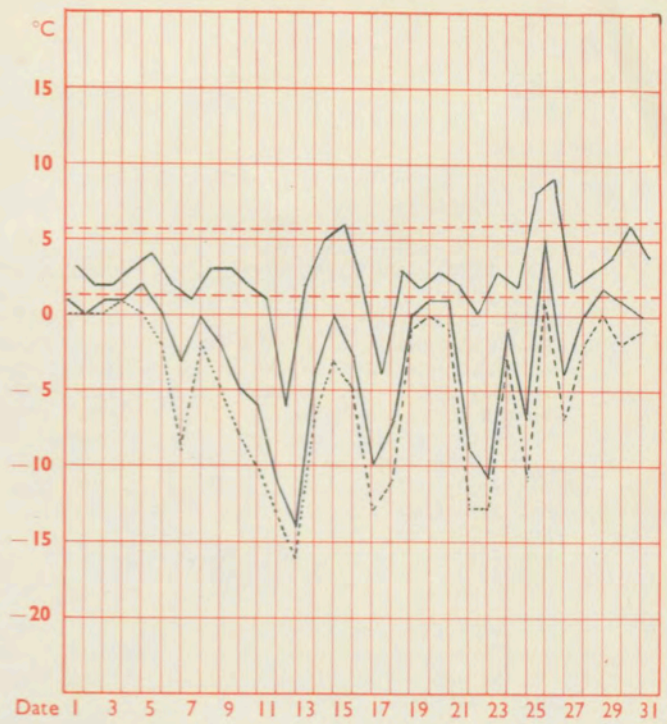
LONDON (Kew)



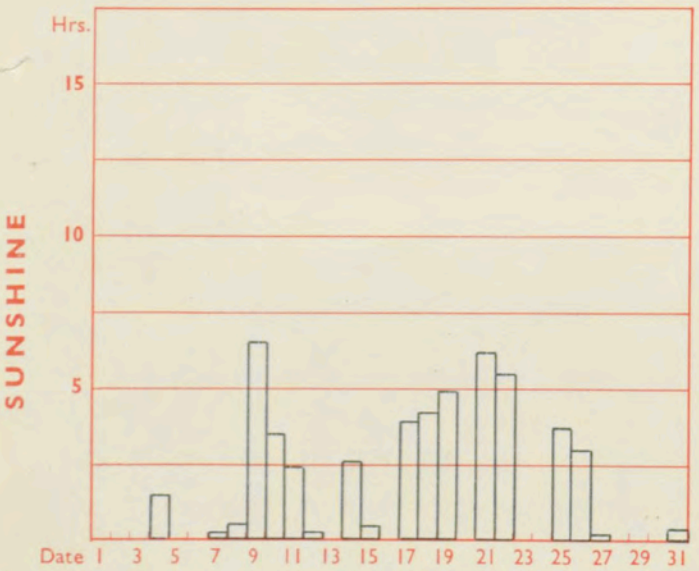
MANCHESTER (Airport)



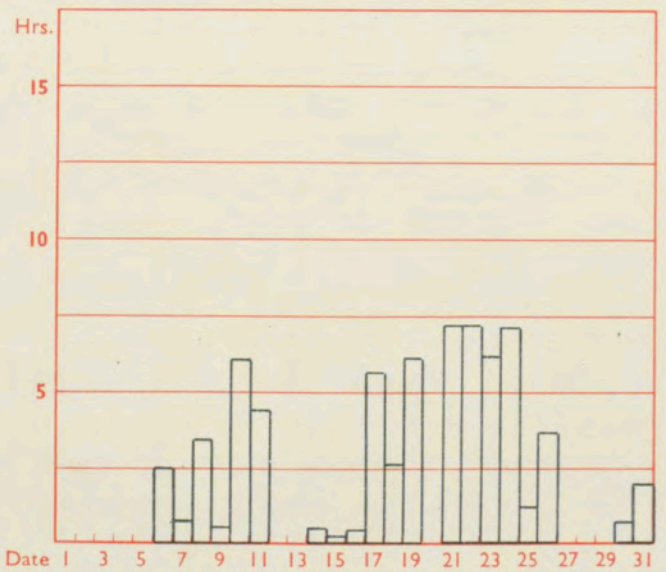
GLASGOW (Renfrew)



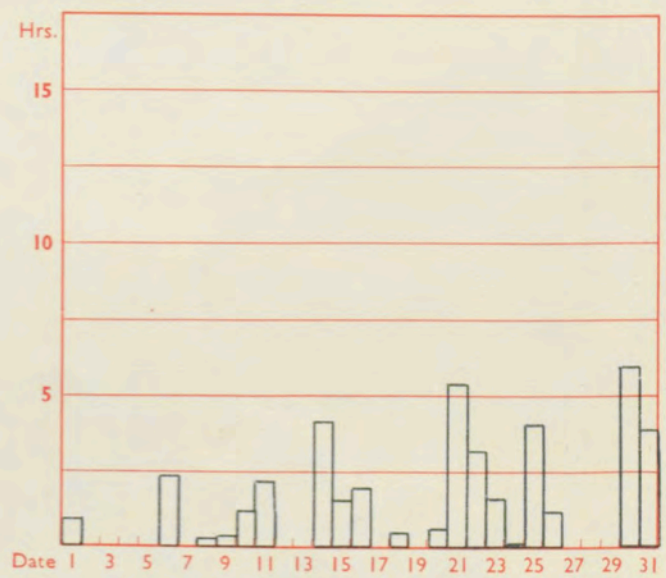
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values.



Total for month 49 30 year (1921–1950) average 43 hrs.

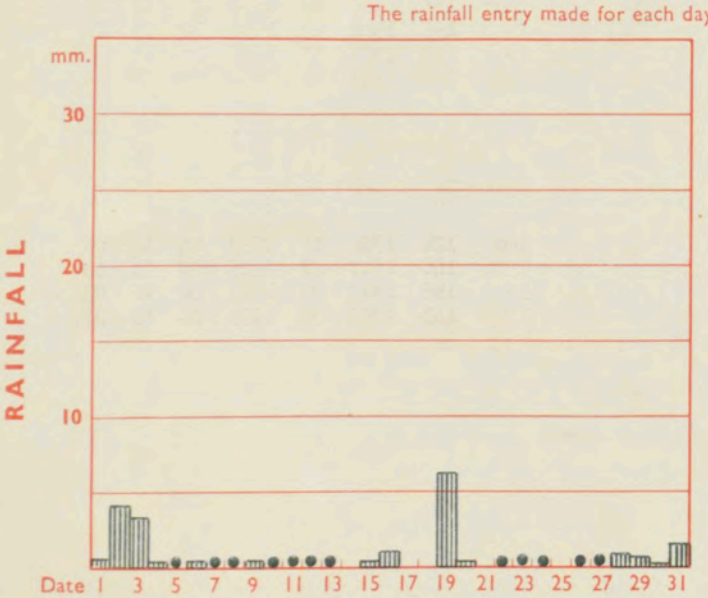


Total for month 68 30 year (1921–1950) average 31 hrs.

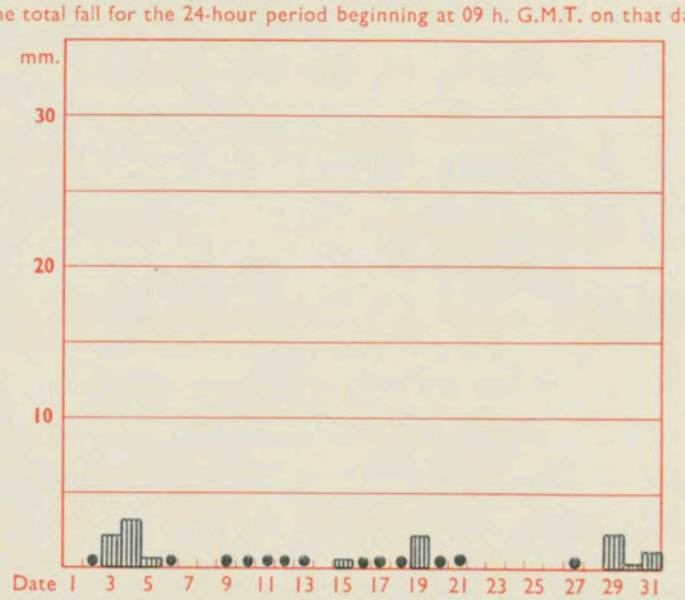


Total for month 40 30 year (1921–1950) average 31 hrs.

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 19 35 year (1916–1950) average 55 mm.



Total for month 11 35 year (1916–1950) average 76 mm.

Total for month 18 35 year (1916–1950) average 118 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. 36930

Date of Issue Tuesday 1 January 1963

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Code FM 11.A — OBSERVATIONS at 12h. 31 December 1962

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
104 Kew	775	80819	48052	07102	873//	51110	86706	88709	
102 London Airport	772	80722	28042	07101	854//	51008	84709	88611	
100 Gatwick	776	80618	40052	06401	864//	52104	88713		
99 Thorney Island	871	80714	37052	05702	862//	50207	88705		
97 Hurn	862	80811	39052	04902	864//	51111	88710		
95 Guernsey	894	81019	56636	00505	856//	03211	81712	84630	87650
93 Wattisham	590	80814	40022	09701	863//	51211	88706		
91 Gorleston	497	80925	56052	12101	854//	50214	88618		
90 Mildenhall	578	80912	32052	10301	864//	51010	88710		
88 Cardington	559	80514	23567	09200	855//	00006	88620		
86 West Raynham	485	80925	40022	11450	863//	52211	88708		
84 Wittering	462	80817	32027	11350	862//	52110	88704		
82 Boscombe Down	746	80919	23363	06001	863//	51207	88608		
81 Ross-on-Wye	627	80715	48022	07450	863//	51106	88708		
79 Bristol	628	80710	26057	06501	864//	51107	88710		
77 Aberporth	502	80918	56707	05600	5742/	52218	85715	88557	
75 Rhoose (Cardiff)	715	80930	28717	04900	872//	50216	88705		
73 Plymouth	827	80815	19636	99306	6732/	05110	86708	88520	
72 Chivenor	707	80924	48607	01603	3542/	00213	83612	88540	
70 St. Mawgan	817	81125	50656	98005	5732/	04119	85706	88515	
68 Culdrose	809	81322	56636	96706	855//	05227	85709	88620	
66 Scilly	804	73212	74026	95107	4252/	04312	84712	84825	85462
64 Elmdon	534	80715	29383	09451	862//	52107	86704	88709	
63 Shawbury	414	80910	40245	10000	854//	52212	86612	88618	
61 Manchester	334	80828	40052	10800	854//	51216	86618	88656	
59 Squires Gate	318	81032	60022	12401	854//	51222	82618	88620	
57 Valley	302	80922	56022	09401	6647/	51233	86715	88460	
55 Ronaldsway	204	71046	62022	11203	725//	51112	87820		
54 Carlisle	222	61025	59858	16302	4853/	53215	81710	83822	85362
52 Watnall	354	80922	28205	11851	873//	51206	85706	88710	
50 Spurn Head	396	80928	48022	13302	874//	51216	88715		
48 Finningley	360	80917	56777	14301	854//	51111	84712	88618	
46 Dishforth	261	80817	40717	15801	855//	51114	85712	88620	
45 Tynemouth	262	81040	48848	18302	8052/	00211	88520		
43 Eskdalemuir	162	90819	07747	18351	9/0//	51114	89/00		
41 Mull of Galloway	131	81135	78022	12703	865//	51214	88720		
39 Prestwick	135	70816	62858	16502	784//	51115	81712	84818	87625
37 Renfrew	141	70924	48858	18802	784//	51717	82815	87635	
36 Leuchars	171	50732	74268	21602	595//	53217	83822	82925	
34 Dyce	091	71111	59278	25901	525/8	51215	85822	87270	
32 Wick	075	61023	66268	27302	59401	51201	83818	83640	
30 Cape Wrath	049	40924	83020	26701	43500	00225	84925		
28 Sule Skerry	010	40913	82011	27903	38508	55213	83925		
27 Lerwick	005	70912	80021	31601	755//	54108	87625		
25 Stornoway	026	70918	66158	26602	6946/	51113	86918		
23 Benbecula	022	30925	83012	22702	11501	00215	81822	83070	
21 Tiree	100	40823	84031	19803	31541	54212	83820		
19 Aldergrove	917	80818	58777	12902	885//	51221	84820	88630	
18 Malin Head	980	80938	66838	14704	835//	01217	86922	88656	
16 Belmullet	976	80725	66686	08803	855//	51320	83720	88630	
14 Birr	965	80619	56687	05201	874//	01211	88712		
12 Collinstown	969	81028	56107	08702	864//	52121	85712	88620	
10 Rineanna	962	80716	59717	03201	872//	01009	83705	86708	88712
9 Roches Point	952	80826	48696	00103	873//	02004	88708		
7 Valentia	953	80913	72608	00902	5642/	01013	85718	88458	

OBSERVATIONS at 18h. 31 December 1962

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	80622	60022	07602	863//	51204	88708		
772	80624	28015	07602	854//	51303	86710	88613	
776	80822	40052	06301	863//	51603	85708	88712	
871	80712	48052	06302	863//	50315	83707	88710	
862	80708	48012	05802	864//	51209	88710		
894	81012	40616	02704	856//	03316	83706	84711	88630
590	80720	28362	10550	863//	52210	88707		
497	80930	58052	12851	854//	53208	88618		
578	80816	40012	11300	864//	52110	87710	88715	
559	80418	40205	10100	864//	51206	88710		
485	80827	56012	12451	854//	53208	88615		
462	80822	37025	12451	864//	52210	88710		
746	80814	37053	07001	863//	51208	88706		
627	80715	48505	08700	863//	51212	88708		
628	80620	28052	08101	864//	52211	88710		
502	80920	40027	06801	7747/	52213	87714	88457	
715	80923	23102	07000	864//	50318	88710		
827	80813	40607	02702	6732/	01225	86707	88515	
707	80818	14737	04201	4722/	50121	84704	88510	
817	71025	40516	00803	6723/	01218	86706	87357	
809	73603	56606	01605	4552/	04226	84625	87458	
804	32805	81011	00805	38400	01226	81818		
534	80716	58367	10350	873//	52212	88708		
414	80822	48565	11800	864//	53313	88712		
334	80818	58022	12300	5542/	53309	85618	88460	
318	70931	59027	13901	756//	52212	87633		
302	80924	56027	09501	6567/	51210	84715	86635	88459
204	80945	66022	12703	7852	51206	84820	87630	
222	40819	62268	17901	48400	52106	82712	83818	
354	80922	58017	13351	855//	52212	84706	88620	
396	80938	57022	11602	6742/	53210	86715	88460	
360	80818	59027	16001	855//	51212	88629		
261	80812	69017	17501	856//	53210	88638		
262	81025	61268	19703	4342/	01218	84910	88524	
162	80612	56387	20551	854//	51306	88624		
131	70933	81022	14302	785//	51205	83820	84630	
135	50718	62018	18300	28401	53104	81818	85075	
141	50722	56048	20202	55500	53205	85625		
171	70623	62268	23301	795//	52209	84922	86640	
091	70710	56268	26600	784//	51205	83815	87635	
075	70923	74268	28901	724//	53306	87815		
049	40924	83020	27900	48500	00206	84625		
010	60913	81031	29103	635//	02205	86925		
005	50908	82031	32000	55600	54306	85634		
026	10923	74018	28001	12502	53208	81825		
022	30820	83021	24801	31500	51220	83825		
100	10724	82011	21902	12400	57212	81818		
917	70930	62017	13302	855//	52000	83620	87635	
980	80839	80028	16204	885//	51213	84824	88650	
976	80825	66037	10503	6552/	52309	86528	88458	
965	80818	48687	06901	874//	51211	88710		
969	80931	56102	09403	855//	52210	88620		
962	80620	56687	04702	872//	01313	82705	86710	88718
952	80930	48637	02303	873//	02228	88707		
953	80821	62697	00501	864//	00000	88710		

OBSERVATIONS during DAY

iii	RRT T T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97027	000	+	is_0
772	97027	000	+	id_0
776	00029	000	+	+
871	97027	000	+	s_0s_0
862	00026		+	+
894	07062	000	r_0r_0rr	$rrr_0r_0id_0$
590	00017		+	+
497	00016	000	+	+
578	00017	000	+	ks_0
559	97017	000	$is_0d_0d_0$	d_0d_0
485	00006	000	+	ks_0
462	97007	000	id_0	+
746	00017	000	+	+
627	97017	000	+	id_0
628	97017	000	r_0s_0	
502	92015	000	$s_0s_0is_0$	+
715	01016	000	s_0s_0	d_0d_0
827	13071	000	RRrr	$r_0r_0ir_0$
707	02035	000	$r_0s_0ir_0$	is_0is
817	17065	000	rr	id_0dd
809	18082	000	RRrr	ir_0ir
804	00081	006	+	+
534	98507	000	ks_0is_0	id_0ks_0
414	97007	000	ks_0id_0	$d_0d_0ks_0$
334	00016	000	+	+
318	92016	000	is_0	+
302	97026	000	is_0	+
204	00031	000	+	+
222	92027	016	ps_0ps	ps_0ps
354	95517	000	$d_0d_0is_0$	d_0d_0
396	00030	000	+	+
360	97017	000	is_0	
261	92017	000	$s_0s_0is_0$	is_0
262	05036	000	prsps	prsps
162	02007	000	SSs_0s_0isss	$is_0s_0s_0$
131	00033			
135	97026	000	is_0ps_0	ps_0
141	91035	000	ps_0	ps_0
171	01037	000	ps_0	$psks_0ps_0$
091	01029	000	ps_0ph_0ps	ps_0
075	96029	008	ps_0	ps_0ph_0
049	00026		+	+
010	00035			
005	00017	004	+	+
026	91027	002	ps_0	+
022	00027	050	+	+
100	00035	013	+	+
917	01035	000	ir_0s_0	ir_0s_0
980	9505	001		
976	9703	000		
965	0102	000		
969	0103	000		
962	0402	000		
952	2804	000		
953	0304	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33012	70310	80152	38103	795//	00211	1////	/////	05401	10333	1////
B	20565	51012	80921	69022	24804	883//	00220	83806	88615	00236	11047	1////
C	20528	35512	30516	69020	25307	32500	00110	83820	/////	05103	10534	1////-
D	20440	41012	61405	69021	10313	22501	00203	82820	860//	05309	10842	1////
I	20589	19012	70526	96258	26005	59442	00230	85915	/////	05801	10545	11054
J	20523	19912	40427	98258	09007	23563	00212	82920	1////	05802	10436	15552
K	20449	15712	63414	65258	04809	59503	00219	85926	83073	05704	13332	10254
M	23657	02012	63121	65188	26904	69500	00309	86929	/////	05551	13114	13431

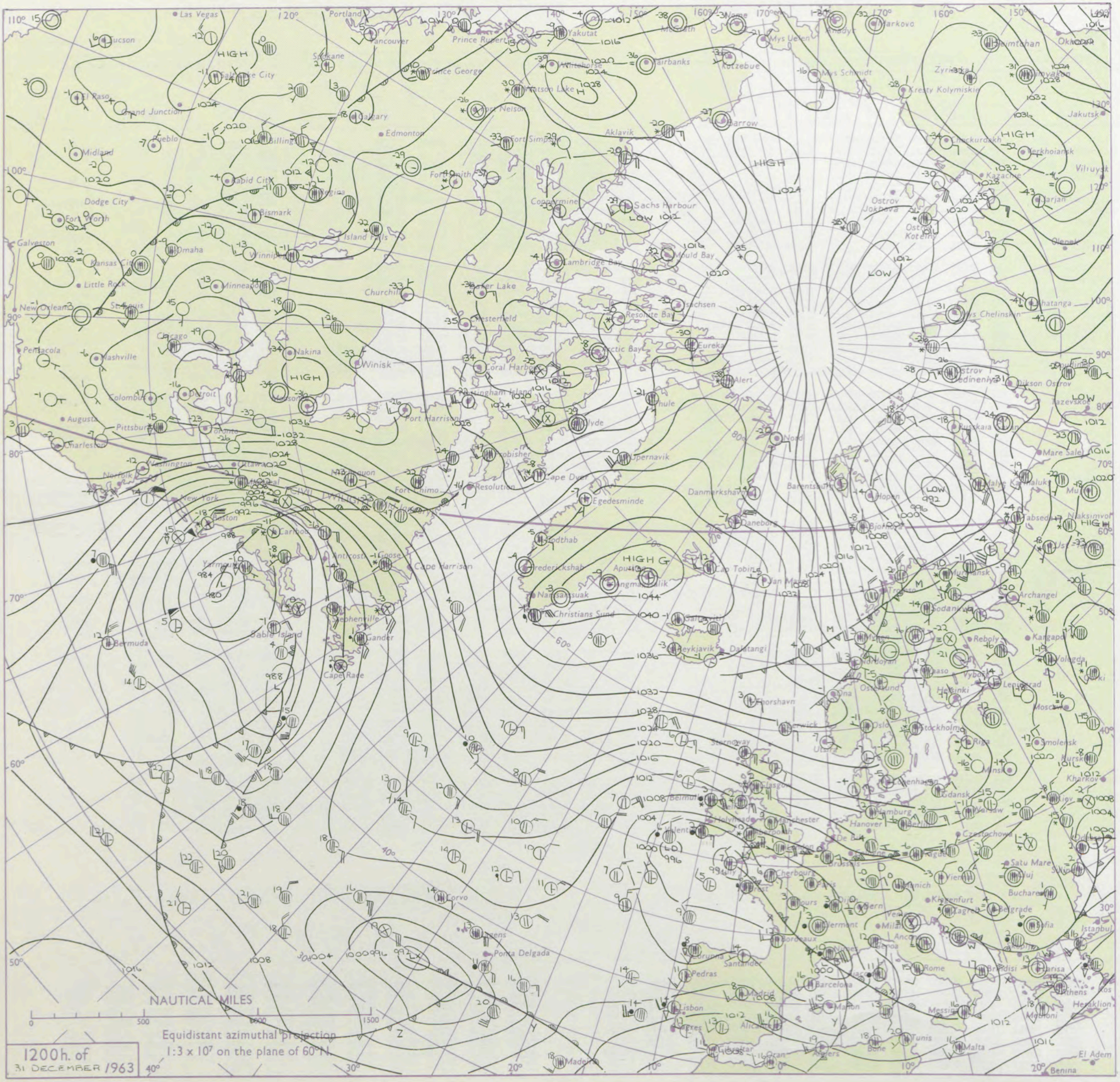
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33018	60212	76158	38706	69400	00203	/////	/////	05403	10134	1////
B	20565	51018	80922	65022	25904	855++	00002	88622	/////	00104	11046	1////
C	20528	35518	50518	69148	21407	43561	00603	84920	/////	05203	10534	1////
D	20440	41018	10908	69021	10314	11500	00605	81820	/////	00009	10852	1////
I	20590	19118	50924	98038	26706	49443	00309	84918	/////	05703	10955	10547
J	20525	19718	70430	98258	06707	69464	00712	82918	85820	05704	10348	15552
K	20448	15818	43216	80038	05110	49503	00109	84930	/////	05703	13243	10254
M	23657	02018	80228	70038	29205	895++	00319	86920	/////	05253	10234	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



NAUTICAL MILES

0 500 1000 1500

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

1200h. of
31 DECEMBER 1963

Explanation of symbols

CLOUD

Symbol

Sky

WEATHER

Symbol

Mist

Fog

Driz

Rain

Rain

Rain

Rain

Sno

Rain

Sno

Hail

Thu

W

Symbol

For each half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE

1800h. of 31 DECEMBER 1963

Mean Sea surface isotherms for JANUARY 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 1 JANUARY 1963

0600h. of 1 JANUARY 1963

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 1 January 1963

A depression off southwest Ireland moved a little westwards while another near Scilly filled up. Shallow depressions moved eastwards over France. Pressure remained high to the north of the British Isles with the main high cell persisting over Southern Greenland. Little change is likely in the north apart from a pressure fall over Scandinavia, but a depression off Portugal is expected to move towards southwest England.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Continuing cold with slight or moderate frost and maximum temperatures near freezing point. Further snow especially in the south and east where there may be moderate falls with heavy drifting in gale force easterly winds. A few bright intervals in the northwest.

OUTLOOK for following 24 hours.

Little change in most areas, but there is a strong probability of blizzard conditions in the south.

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

Code FM II.A **OBSERVATIONS at 00h.** 1 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Sch_Sh_S$	$8N_Sch_Sh_S$	$8N_Sch_Sh_S$
Kew	775			51					
London Airport	772	80517	08737	09751	864//	52210	88710		
Gatwick	776	80618	28717	08851	864//	51214	86710	88713	
Thorney Island	871	80511	11717	08350	873//	51214	88708		
Hurn	862	80509	17717	08100	873//	00211	88708		
Guernsey	894	80905	40515	05704	854//	02213	83708	88614	
Wattisham	590	80620	32363	11751	864//	52205	88710		
Gorleston	497	80828	58052	13700	855//	52205	88620		
Mildenhall	578	80815	62363	12851	864//	54004	88714		
Cardington	559	80422	48022	12051	864//	53106	88715		
West Raynham	485	80725	61363	13651	855//	54006	88622		
Wittering	462	80815	56022	14151	855//	53106	88620		
Boscombe Down	746	80715	19737	09751	863//	51215	88706		
Ross-on-Wye									
Bristol	628	80417	28052	10951	864//	52215	88710		
Aberporth	502	80914	48702	10900	864//	53221	88718		
Rhoose (Cardiff)	715	80824	37365	10051	874//	51114	88710		
Plymouth	827	80515	56026	07302	864//	00229	88710		
Chivenor	707	80911	40027	08802	854//	50221	86612	88618	
St. Mawgan	817	70715	50015	06602	755//	00120	85708	87628	
Culdrose	809	80714	50616	05904	854//	04217	85707	88615	
Scilly	804	01002	83020	05406	00900	01218			
Elmdon	534	80820	64023	12451	854//	54008	88619		
Shawbury	414	80715	66025	14500	856//	54215	88630		
Manchester	334	80828	62022	13950	854//	51104	81618	85625	88656
Squires Gate	318	80923	64022	16301	856//	52210	88633		
Valley	302	80822	58022	12201	5567/	54014	81715	85630	88459
Ronaldsway	204	71648	62032	14603	755//	53108	87629		
Carlisle	222	70621	59227	19901	755//	52209	82714	87625	
Watnall	354	80729	66022	15151	854//	53105	84615	88630	
Spurn Head	396	80928	57022	16302	854//	52104	88615		
Finningley	360	70817	63032	17601	756//	54208	87641		
Dishforth	261	80814	74037	19001	856//	53205	88631		
Tynemouth	262	80935	58268	21003	8052/	54206	88520		
Eskdalemuir									
Mull of Galloway	131	81134	74022	16703	875//	51216	88720		
Prestwick	135	70714	62858	20201	784//	52112	82818	84635	87650
Renfrew	141	70821	56268	22101	784//	52215	83818	87630	
Leuchars	171	80829	66028	24101	894//	52205	81918	88629	
Dyce	091	81016	56878	27901	884//	52205	84818	87635	
Wick	075	11120	80018	29102	12400	54003	81815		
Cape Wrath	049	40924	86020	27601	48500	00405	84625		
Sule Skerry	010	41109	82011	29803	43500	53206	84925		
Lerwick	005	00000	74021	32554	00900	56001			
Stornoway	026	00726	80021	28501	00900	52500			
Benbecula	022	30820	83011	25902	35600	53209	83630		
Tiree	100	40722	83031	23302	45600	55106	84640		
Aldergrove	917	80918	66022	16902	855//	52118	88625		
Malin Head	980	80835	69838	18504	835//	00210	85923	88827	
Belmullet	976	80924	66606	13403	854//	51216	83715	88627	
Birr	965	80906	48687	11600	874//	51226	88712		
Collinstown	969	80927	69022	13302	855//	53218	88625		
Rineanna	962	80817	61107	09602	864//	00223	88714		
Roches Point	952	80923	56616	06604	873//	03224	88707		
Valentia	953	31016	66017	05004	36400	01130	83710		

OBSERVATIONS at 06h. 1 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Sch_Sh_S$	$8N_Sch_Sh_S$	$8N_Sch_Sh_S$
775	80714	60717	10051	873//	53202	88708		
772	80417	23707	10351	863//	52104	88708		
776	80614	23717	09351	874//	52002	88711		
871	80607	11737	09351	873//	52207	88706		
862	80306	28717	09051	873//	51105	85707	88712	
894	80409	56505	06904	854//	03106	85710	87615	
590	80614	37023	11852	863//	54604	88707		
497	80828	62022	14350	855//	51101	88620		
578	80816	61363	12651	864//	53704	88711		
559	80518	40363	12351	864//	53501	88712		
485	80729	62363	13851	855//	53400	88623		
462	80620	62022	14251	884//	54801	88619		
746	80610	23737	10252	864//	53204	88710		
627	80614	48702	11751	864//	54803	88710		
628	80310	14717	11752	872//	52002	88704		
502	80818	58027	11700	855//	53701	88623		
715	80716	14717	10952	873//	52300	88709		
827	80516	56702	08700	854//	51206	88614		
707	80717	56027	09700	855//	52804	83620	88640	
817	80807	23717	08850	855//	51210	83706	84709	88625
809	81214	56606	08402	854//	01209	83709	88612	
804	31216	58011	06805	36400	03208	83712		
534	80622	66022	12451	855//	55603	88622		
414	80512	66022	14200	856//	55603	88634		
334	80721	74022	14751	5567/	52606	85630	88360	
318	80923	66022	16501	855//	52500	82627	88635	
302	70720	61022	13801	4567/	54006	84630	87462	
204	70937	64022	16202	756//	54203	87635		
222	80810	63037	20301	855//	51500	88625		
354	80820	74032	15051	856//	84701	88630		
396	60925	57022	16402	65500	52703	86620		
360	40716	61011	17500	45600	54400	84635		
261	80812	80022	18701	856//	53702	88638		
262	80930	66028	21402	8052/	52802	88520		
162	80610	58707	22352	856//	52001	81712	88630	
131	80930	74022	17802	875//	52201	88720		
135	40614	66268	20900	48400	51002	81818	84650	
141	70914	56852	22501	785//	01803	83820	87630	
171	80825	66858	24402	885//	53802	83820	88645	
091	10904	69278	15600	53703	81640			
075	71013	82028	28903	784//	53803	82815	87625	
049	40724	86020	28202	45500	53400	84625		
010	30909	82030	29803	33500	53400	83925		
005	03608	74020	31654	00900	56806			
026	30909	80018	29002	35700	51102	83650		
022	10913	82020	26501	15600	56204	81640		
100	80621	86011	24102	857//	55104	88650		
917	80821	66022	17801	855//	52002	88624		
980	80836	66838	19703	835//	51107	85924	88650	
976	80919	69027	15103	856//	52002	88630		
965	80607	61027	13101	864//	52204	88715		
969	80924	74022	14203	855//	05102	88628		
962	80712	62022	12002	855//	52207	88623		
952	80818	58615	09802	874//	01109	88716		
953	70913	66258	08303	72400	00112	84714	87819	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	04519	52	SSss	is_o
772	04517	52	ssr_os_ors	s_os_o
776	05529	52	ssks	ssks
871	05517	52	s_os_o	s_os_oss
862	02517	51	sss_os_o	s_os_o
894	96031	03	d_od_o	id_o
590	00536	53	+	+
497	00516	51	+	+
578	00527	52	+	+
559	00527	57	+	+
485	00516	52	ks_o	ks_o
462	00517	52	+	+
746	17537	53	s_os_oss	s_os_oss
627	95527	52	+	s_os_o
628	03527	52	$is_os_os_o$	s_os_oss
502	94516	52	is_o	is_ois
715	03527	52	$d_od_os_os_oks$	s_os_ossks
827	97501	51	ir_o	is_o
707	97505	51	is_o	is_o
817	01517	51	+	s_os_o
809	04011		ir_oir_o	$irsir_o$
804	00031		+	+
534	00517	52	+	+
414	00507	51	ks_o	+
334	00515	51	+	+
318	00006	51	+	+
302	00005	51	+	+
204	00021	01	/	+
222	97007	52	is_o	is_o
354	00516	52	+	+
396	00000		+	+
360	00507	53	+	+
261	97016	51	is_o	is_o
262	91015	50	prs	ps_o
162	93527	53	is_o	$is_os_os_oiis_o$
131	00011			
135	97505	52	pr_o	ps_o
141	97013	00	ps_o	ps_o
171	95017	53	ps_o	ps_o
091	92519	53	ps_oph_o	ph_ops_o
075	97015	51	ph_o	+
049	00006	00	+	+
010	00025	01		
005	00557	63	+	+
026	97016	53	+	ps_o
022	00007	53	+	+
100	00013	51	+	+
917	97505	50	+	is_o
980	97031	02		
976	97021	02		
965	02006	50		
969	00025	01		
962	01011	01		
952	04025	01		
953	92031	00		

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	30620	33000	80615	60608	38704	5732/	00400	/////	/////	05302	10534	1////
B	30565	51000	80928	63022	29404	854//	00105	88510	/////	00202	11047	1////
C	30528	35500	60519	69802	22508	62500	00707	86820	/////	05204	10534	1////
D	30440	41000	41115	69020	10513	12508	00802	81820	840//	00210	11054	1////
I	30590	18000	31023	98028	28006	19463	21702	81918	/////	05601	10947	10456
J	30525	20000	70528	97808	07907	794//	00004	87915	/////	05805	10347	15550
K	30446	15800	03013	70020	06310	00900	00101	/////	/////	05603	13243	10253
M	33666	62000	80413	70022	33203	885//	00318	83820	88630	05855	10332	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	33006	70516	70808	37603	79500	00711	/////	/////	05502	10545	1////
B	30565	51006	80926	65122	30604	864//	00002	87710	/////	00203	11048	1////
C	30528	35506	20218	69028	21206	22500	00705	82820	/////	05203	10534	1////
D	30440	41006	81424	69031	06614	11507	00720	81820	882//	05110	10945	1////
I	30590	19006	30823	98258	27806	39400	00801	81919	83630	05703	10947	10458
J	30524	20106	20628	97022	06508	25600	00709	82630	/////	05804	15552	1////
K	30450	16006	23215	70020	04210	22500	72711	82823	/////	05703	13243	10252
M	33655	03106	83411	70022	33902	885//	00302	81830	88630	05756	13642	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36931 — Date of Issue Wednesday 2 January 1963

OBSERVATIONS at 12h. 1 January 1963

Code FM 11.A

ERSION BLE o °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	80713	48717	11851	873//	53203	87706	88709	
102	London Airport	772	80616	17717	12151	863//	53205	88707		
100	Gatwick	776	80612	19767	11351	872//	53107	88705		
99	Thorney Island	871	80608	40687	11551	854//	53203	85706	88612	
97	Hurn	862	80608	39027	10750	855//	51006	86707	88620	
95	Guernsey	894	80000	25105	08505	855//	04102	82708	86620	87630
93	Wattisham	590	80614	35362	14452	863//	54212	88706		
91	Gorleston	497	80825	58052	15151	855//	53401	88620		
90	Mildenhall	578	81012	59023	14351	854//	54203	88615		
88	Cardington	559	80512	40022	13751	864//	52801	88715		
86	West Raynham	485	70620	69033	14851	7092/	56803	87465		
84	Wittering	462	80815	59012	15351	4557/	56001	84628	88360	
82	Boscombe Down	746	80812	14717	12052	862//	53101	88705		
81	Ross-on-Wye	627	80705	24707	13052	864//	53103	88710		
79	Bristol	628	80512	18227	13051	873//	53801	88708		
77	Aberporth	502	91015	08717	13351	9/0//	53102	89/00		
75	Rhoose (Cardiff)	715	80818	28367	12252	3732/	53003	83706	88525	
73	Plymouth	827	80609	40717	09700	855//	51001	83711	88620	
72	Chivenor	707	80816	58707	11000	2542/	53001	82617	88535	
70	St. Mawgan	817	80910	23717	09851	855//	52104	85620	88625	
68	Culdrose	809	80908	17505	09402	873//	01102	88708		
66	Scilly	804	80913	48022	08105	854//	05004	88610		
64	Elmdon	534	80817	61022	14151	855//	55005	82622	88630	
63	Shawbury	414	80720	62022	15450	2567/	56003	82630	86359	88462
61	Manchester	334	80717	59022	16400	3567/	52005	83630	88360	
59	Squires Gate	318	70820	62022	17601	38532	53802	82718	84363	86068
57	Valley	302	80622	62022	15401	3562/	54801	81630	83550	88465
55	Ronaldsway	204	80831	64856	18202	7852/	53004	86825	87635	88462
54	Carlisle	222	70710	37868	22100	6843/	52004	84714	86818	
52	Watnall	354	80820	69022	16150	1577/	56001	81650	83358	88462
50	Spurn Head	396	80827	48032	17802	5741/	53103	85715	88465	
48	Finningley	360	70717	69022	18401	25576	53803	82625	84362	86366
46	Dishforth	261	70814	63707	19801	756//	53801	83630	87635	
45	Tynemouth	262	70930	48868	22302	734//	52101	87918		
43	Eskdalemuir	162	70815	62707	23451	7561/	51000	87630		
41	Mull of Galloway	131	70934	74857	20301	53405	51207	85915	86270	
39	Prestwick	135	70611	74227	22601	786//	53003	81830	87650	
37	Renfrew	141	60812	56048	23702	6853/	52701	81820	85630	
36	Leuchars	171	70716	66268	25102	4936/	50500	82709	83915	86358
34	Dyce	091	60707	66018	28302	685//	55400	83820	86635	
32	Wick	075	41016	89028	28903	42400	53704	84815		
30	Cape Wrath	049	60913	83152	29403	656//	00400	86630		
28	Sule Skerry	010	50905	82012	30504	535//	01202	85925		
27	Lerwick	005	30106	82030	31053	38500	56708	83820		
25	Stornoway	026	60817	86011	29403	5854/	53001	81825	85645	
23	Benbecula	022	50813	83022	27303	58500	53201	82824	84640	
21	Tiree	100	40716	85141	25503	48500	55207	82820		
19	Aldergrove	917	50820	74017	20101	31501	53103	83820		
18	Malin Head	980	70937	82858	21503	7353+	52001	87922		
16	Belmullet	976	70818	74012	17803	45572	51106	84625	86458	87070
14	Birr	965	80712	70022	15501	856//	52108	88631		
12	Collinstown	969	80924	74022	15602	855//	55803	84620	88630	
10	Rineanna	962	80710	69027	14302	5557/	52107	82625	85640	88459
9	Roches Point	952	80408	61216	11803	874//	50102	88714		
7	Valentia	953	70913	66022	11503	78501	00218	85820	87630	

OBSERVATIONS at 18h. 1 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	80612	33717	12751	873//	52203	88709		
772	80513	19767	12751	863//	52014	88707		
776	80607	26777	12052	854//	53203	85707	88615	
871	80608	37687	11751	863//	52002	88706		
862	80506	21707	11351	863//	51104	88706		
894	81111	50505	09005	762//	02202	83705	86709	
590	80612	40027	13553	863//	54201	88709		
497	80922	58102	14950	855//	51307	88624		
578	81012	56027	14452	854//	54301	88615		
559	80612	59022	14152	864//	54206	88714		
485	80720	66012	15051	25507	54202	82620	88272	
462	80714	61032	15251	5551/	55400	85620	88462	
746	80711	16227	12252	862//	52101	88705		
627	80606	48707	13352	864//	53103	88710		
628	80614	32363	13352	864//	53204	88710		
502	80913	40227	12551	855//	54802	83715	88625	
715	80718	37367	12052	855//	53801	85705	88625	
827	80712	40027	09500	855//	51303	88625		
707	80914	37717	10850	5542/	53400	85613	88518	
817	70813	40027	08950	754//	52201	87619		
809	80916	37055	08903	864//	02602	88710		
804	81016	48022	07105	854//	04802	85708	88615	
534	80813	59022	14051	6552/	55204	86625	88459	
414	80712	61032	15251	855//	54104	88628		
334	80815	59022	16150	2567/	53304	82630	83358	88460
318	70917	61022	17300	11532	52204	81822	84362	86070
302	80718	56042	15301	4552/	54201	84628	88459	
204	80830	69028	17502	6261/	53500	86831	88462	
222	70510	59028	21100	6857/	52603	82718	86630	
354	80718	62012	15951	8092/	55101	88462		
396	80926	57032	17001	5741/	01400	85715	88465	
360	80716	63022	17800	25607	52301	82638	88270	
261	70711	69017	19500	756//	53201	83634	87462	
262	70930	61028	21501	755//	52603	87625		
162	70814	62707	22252	756//	52801	87630		
131	50930	80018	19201	37570	01703	83720	84360	
135	50408	69017	21550	48501	52602	81820	84637	
141	70610	56268	22601	755//	50502	81709	85621	
171	70824	70268	23702	5946/	50502	82710	85918	
091	50909	62021	26203	58500	55707	84820	83650	
075	60812	83021	27503	684//	53606	82815	86620	
049	30513	86011	27105	35600	51705	83630		
010	40705	82021	28405	48500	53710	84825		
005	10606	82028	29501	18400	50504	81818		
026	10716	86011	28203	11500	52703	81825		
022	10715	83278	26302	12500	53001	81824		
100	10616	86011	24301	18540	54400	81820		
917	60718	66022	19401	656//	51101	81715	86630	
980	70931	82028	21004	785//	52203	84822	87641	
976	50815	66022	17901	12542	52203	81825	84358	85070
965	80607	66687	15200	874//	52308	86712	88631	
969	80922	62777	15201	856//	53203	88631		
962	70809	62012	14301	7577/	52206	83640	88458	
952	80514	56687	11701	874//	51204	88712		
953	82509	66717	11802	864//	51309	88716		

OBSERVATIONS during DAY

iii	RRT T E x x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	93509	000	s_0s_0	$is_0s_0s_0r_0s_0$
772	97507	000	$is_0s_0s_0$	s_0s_0
776	01519	000	$s_0s_0is_0$	$is_0s_0s_0$
871	01507	000	$r_0s_0s_0s_0$	$r_0s_0s_0s_0$
862	93507		+	$is_0s_0s_0$
894	92061	000	d_0d_0	id_0
590	97526		is_0	is_0
497	00006	000	+	+
578	97517	000	is_0	is_0
559	00517	000	+	+
485	00516	000	+	+
462	00507	000	+	+
746	01517	000	$s_0s_0r_0s_0$	$r_0s_0is_0$
627	93517	000	is_0	is_0
628	92517	000	$s_0s_0ks_0$	ks_0
502	03516	000	ss_0s_0	is_0
715	92517	000	$is_0s_0s_0ks$	ks
827	97005	000	$ir_0s_0s_0s_0$	+
707	97025	000	$s_0s_0is_0$	s_0s_0
817	95007	000	$is_0s_0s_0$	+
809	97030	000	id_0	id_0
804	00061	000	+	+
534	00507	000	+	+
414	97007	000	+	is_0
334	00015	000	+	+
318	00016	001	+	+
302	97025	000	+	is_0
204	97033	000	ps_0	+
222	91017	000	is_0ps_0	ps_0
354	00506	000	+	+
396	00020	000	+	+
360	00018	001	+	+
261	97016	000	is_0	is_0
262	96035	000	ps_0ps	+
162	94507	002	$is_0s_0s_0$	$is_0s_0s_0$
131	91021			
135	97025	009	$is_0s_0s_0$	+
141	01036	008	ps_0	$ps_0s_0s_0$
171	02037	003	ps_0pspS	ps_0ps
091	97039	009	ph_0	+
075	97035	023	+	ir_0s_0
049	00075		+	+
010	00055			
005	95027	021	+	pr_0ph_0
026	00045	022	+	+
022	97037	028	+	ph_0
100	00033	006	jp	+
917	97015	002	is_0	+
980	9704	000		
976	0003	000		
965	9702	000		
969	9702	000		
962	9703	000		
952	0103	000		
953	9703	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	30620	33012	60210	74158	37103	69500	00400	/////	/////	05502	10233	1////
B	30565	51012	80922	65808	30504	52402	00000	86810	880//	00000	11048	1////
C	30528	35512	20218	69028	20606	23500	00400	82920	/////	05303	10435	1////
D	30440	41012	81425	61608	00713	8062/	00730	88540	/////	05212	11147	1////
I	30590	19312	60923	98258	28007	634//	00005	83918	83630	05501	10846	10657
J	30522	20212	70625	97258	07708	3956/	00218	82920	86358	05704	10747	15555
K	30451	16112	43014	80020	04010	48502	00202	83823	/////	05604	10253	13243
M	33665	02112	83213	70022	33602	856//	00504	88635	/////	05954	13222	13544

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33018	60506	76808	35803	69500	00702	/////	/////	05602	10523	1////
B	30565	51018	60925	69028	27904	62400	00614	86811	/////	05202	10937	1////
C	30528	35518	70720	67808	18707	3346/	00502	85810	83915	05204	10646	1////
D	30440	41018	71820	63616	95516	73460	00605	83810	81925	00215	16440	1////
I	30590	19418	50815	97258	28406	39448	00305	82710	83915	05603	10944	10457
J	30524	19818	60730	96258	09809	694//	11219	86630	84915	05405	10748	15656
K	30451	16118	63216	80031	02110	69502	00702	81930	84830	05604	13643	13244
M	33655	02118	83119	70022	32202	856//	00610	88635	////	05955	13122	13544

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

NAUTICAL MILES

0 500 1000 1500

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

1200h. of 1 JANUARY 1963

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CHARTS OF WEATHER IN WEST EUROPE

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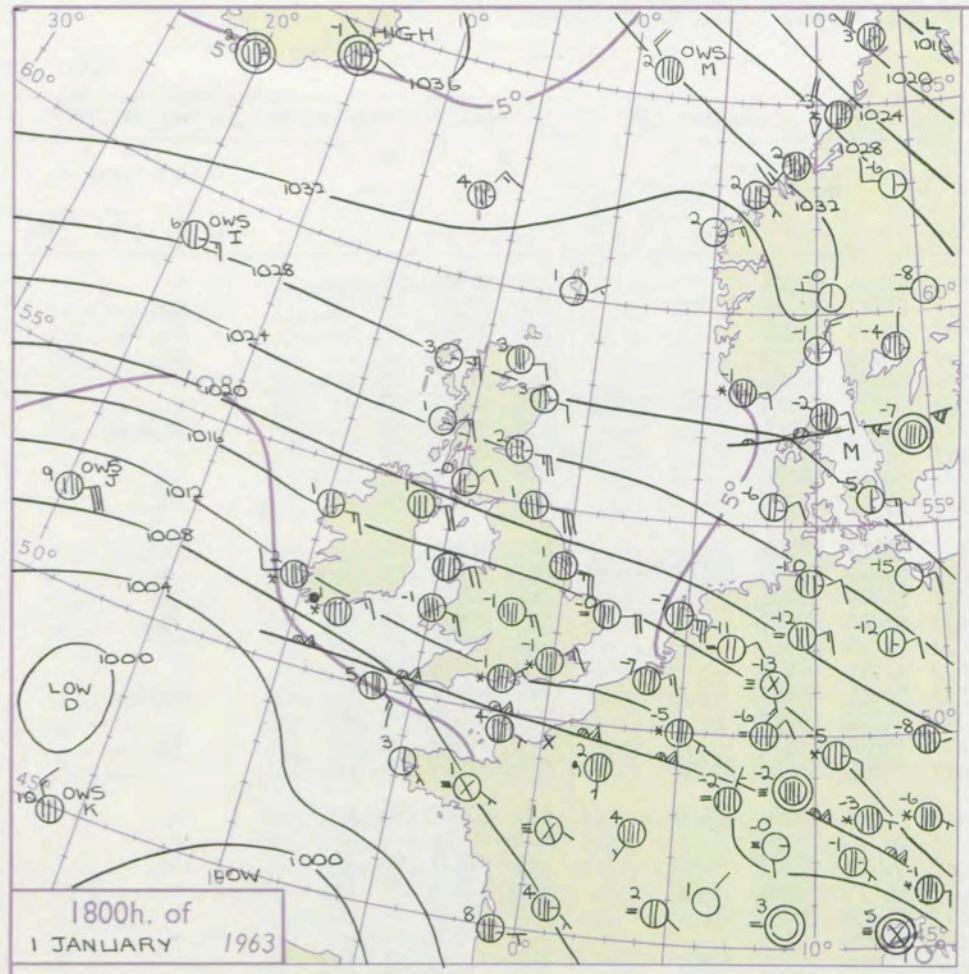

Code FM II.A

OBSERVATIONS at 00h. 2 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			52					
London Airport	772	80412	28047	12051	863//	53807	88708		
Gatwick	776	80707	40107	11452	863//	53807	88707		
Thorney Island	871	80510	48107	11251	863//	52709	85706	88708	
Hurn	862	80409	19037	11051	873//	52805	86706	88708	
Guernsey	894	70711	40055	08604	754//	02805	84711	87616	
Wattisham	590	80614	32022	13153	863//	55804	88709		
Gorleston	497	80822	60022	14851	855//	53804	88620		
Mildenhall	578	80712	32702	14052	874//	54704	88711		
Cardington	559	80514	58022	13652	864//	53704	88715		
West Raynham	485	80620	62032	14552	864//	55706	88711		
Wittering	462	70713	59012	14852	754//	54705	87619		
Boscombe Down	746	80612	19052	12353	863//	54803	88706		
Ross-on-Wye	627								
Bristol	628	80511	32363	13252	864//	54803	88710		
Aberporth	502	81007	48032	12351	855//	53802	88620		
Rhoose (Cardiff)	715	80715	58023	12052	864//	53805	88713		
Plymouth	827	80616	48022	09200	864//	52703	88710		
Chivenor	707	81011	40027	11051	854//	53202	86615	88625	
St. Mawgan	817	80712	40022	08650	855//	51706	88628		
Culdrose	809	80917	37052	08903	864//	02401	88710		
Scilly	804	81118	48022	06806	854//	04702	86709	88613	
Elmdon	534	80811	59022	13852	855//	55802	88621		
Shawbury	414	80713	61022	15251	756//	53001	87631		
Manchester	334	80716	66022	15551	4567/	52706	84630	88460	
Squires Gate	318	70822	70031	16600	757//	53705	87656		
Valley	302	80612	59227	15301	4562/	53501	84637	88459	
Ronaldsway	204	80828	74022	17102	856//	54705	88637		
Carlisle	222	80711	59022	20401	855//	52807	85715	88625	
Watnall	354	60714	59012	15351	25532	54804	82625	85360	
Spurn Head	396	50823	57012	16302	58500	51606	83820	84625	
Finningley	360	80707	63012	16800	55607	54806	82635	83657	88275
Dishforth	261	80710	80032	18500	856//	55606	88632		
Tynemouth	262	80923	74028	20602	8052/	00602	88520		
Eskdalemuir	162								
Mull of Galloway	131	80922	66022	19001	864//	51703	88715		
Prestwick	135	40710	74011	20600	35600	51801	83640		
Renfrew	141	70708	62027	22001	755//	51705	82620	87635	
Leuchars	171	80814	74038	22902	856//	51706	88640		
Dyce	091	70606	48858	25901	784//	50703	83818	87632	
Wick	075	20608	80258	26502	22400	00803	82815		
Cape Wrath	049	30909	86020	25805	35600	03717	83630		
Sule Skerry	010	20705	81018	28103	23500	01703	82925		
Lerwick	005	61012	66258	29003	684//	52805	83812	86626	
Stornoway	026	00713	86020	26503	00900	53810			
Benbecula	022	10814	85010	25301	15700	53710	81650		
Tiree	100	10516	89030	23302	15600	56806	81630		
Aldergrove	917	70716	74222	18701	785//	52707	82820	86635	
Malin Head	980	80828	80028	20004	885//	52709	83824	88645	
Belmullet	976	80819	66022	17102	6567/	53707	86642	88358	
Birr	965	80609	61227	14700	864//	53805	88710		
Collinstown	969	80821	64707	14802	855//	53707	88620		
Rineanna	962	80409	56777	13900	854//	51503	82718	88620	
Roches Point	952	80413	58716	11001	874//	51806	88714		
Valentia	953	81012	66027	12001	864//	52101	88716		

OBSERVATIONS at 06h. 2 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	80510	33022	09852	873//	53711	88708		
772	80414	18565	10552	862//	53811	82703	88704	
776	80508	28777	09752	862//	53713	88704		
871	80612	40702	09251	873//	52715	88707		
862	80509	28102	09052	873//	52711	88706		
894	80615	48052	05904	855//	01716	83713	85620	87630
590	80610	28567	11653	872//	54709	88704		
497	80818	58052	12853	855//	54708	88620		
578	80810	48012	12352	873//	54810	88709		
559	80413	56022	11953	863//	53715	88709		
485	80822	59032	13653	863//	55813	88708		
462	80813	58027	13452	854//	54807	83709	88613	
746	80614	40052	10753	863//	54709	88706		
627	80710	57022	11352	864//	55810	88710		
628	80416	37363	11553	864//	54710	88712		
502	80813	58032	10751	855//	54711	88624		
715	80721	56383	10252	864//	53711	88613		
827	80618	40022	07751	863//	52709	88707		
707	81010	40707	09051	854//	53714	88616		
817	80811	40017	07752	854//	53705	83612	88656	
809	81017	37056	07602	854//	51502	82709	88618	
804	80820	32022	05203	862//	03706	88705		
534	80810	58562	11952	863//	54811	88709		
414	80611	64022	13151	855//	55712	88624		
334	80714	66022	13700	4567/	51707	84633	88460	
318	70821	74021	14901	756//	54707	87646		
302	50716	61012	13201	2563/	53810	82633	84362	
204	80727	74032	15702	856//	55706	88640		
222	80807	59022	18801	855//	54607	88625		
354	80817	66022	13351	856//	54609	88630		
396	70727	58032	14101	755//	54713	87620		
360	60613	66012	14900	656//	55710	86635		
261	80612	80032	16700	856//	54812	88638		
262	70928	66858	18902	735//	53709	87920		
162	80712	62707	20152	856//	52607	88632		
131	80922	80022	17601	865//	00703	88720		
135	80714	80021	19200	857//	51806	82650	88657	
141	80708	66028	20301	884//	51711	83814	83630	87645
171	80722	66858	21503	895//	54706	84927	88634	
091	81016	66878	24802	884//	54603	83818	87640	
075	71118	80258	25102	784//	01705	83815	87630	
049	30713	86020	24502	35600	01708	83630		
010	81013	81606	25405	865//	01705	88725		
005	21106	83021	28702	25500	54400	82625		
026	11010	83020	24702	18500	50808	81828		
022	30704	85020	23001	15630	51716	81640	83360	
100	80717	89031	21702	856//	54807	88640		
917	80713	74012	17500	756//	50507	87635		
980	80828	80038	18703	885//	52706	82824	88650	
976	70918	69032	16302	756//	51806	87640		
965	80605	61022	13201	8643/	52706	88712		
969	80820	72707	13502	855//	53808	83625	88632	
962	80409	58717	12601	855//	51805	88622		
952	80414	62027	09801	874//	52807	88715		
953	80914	66022	10501	864//	52808	88717		

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	91529	53	s_os_o	+
772	97537	53	is_o	d_od_o
776	97529	53	+	is_oid_o
871	97527	52	+	is_o
862	91527	52	s_os_o	+
894	00031	02	+	+
590	97546	55	+	$is_od_od_o$
497	00536	53	+	+
578	97537	54	s_os_o	id_o
559	97537	53	+	id_o
485	91546	54	+	d_od_o
462	91537	53	s_os_o	is_o
746	00547	54	+	+
627	97537	53	is_o	id_o
628	00537	53	ks	ks
502	00526	54	+	+
715	97537	53	ks	$ksis_o$
827	00525	53	+	+
707	97525	52	+	is_o
817	01537	53	is_o	+
809	97501	50	ir	+
804	00021		+	+
534	97527	53	+	id_o
414	97516	52	is_o	+
334	00515	51	+	+
318	00505	51	+	+
302	97005	51	is_o	+
204	00010	01	+	+
222	00507	53	+	+
354	92526	53	+	is_oss
396	00010		+	+
360	00005	52	+	+
261	00006	54	+	+
262	97015	50	ph_o	ps_o
162	97527	52	is_o	$is_osss_os_o$
131	00003			
135	97005	52	+	is_o
141	97006	50	is_o	is_o
171	03006	50	$ps_opr_os_o$	$ps_opr_os_o$
091	01507	52	ps_ops_{-o}	$ps_oh_oph_ops_o$
075	03015	51	r_os_opr	$prpr_os_o$
049	96015	00	+	+
010	01031	50		
005	97017	53	$pr_os_opr_o$	+
026	00025	53	+	+
022	00007	53	+	+
100	00003	53	+	jp
917	97505	51	is_o	+
980	97031	02		
976	00501	52		
965	97516	53		
969	97015	50		
962	91515	52		
952	92005	51		
953	97001	00		

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33000	60508	74022	34303	68600	00705	/////	/////	05552	10533	1////
B	40565	51000	80922	61808	27304	825//	00800	88820	/////	05202	10937	1////
C	40528	35500	60730	69021	18807	22530	00207	82822	86359	05105	10647	1////
D	40440	41000	62027	69258	96915	22460	00003	82810	/////	00112	11649	1////
I	40590	19000	61007	98251	28305	4346/	21003	82915	83630	05801	11043	10456
J	40525	19600	50728	98258	11707	59400	11006	85915	/////	05806	10748	15656
K	40449	16000	12814	80010	01809	00900	00710	/////	/////	05805	13043	13453
M	43654	02300	82923	70022	29202	856//	00717	88640	/////	05953	13022	13544

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33006	20208	80020	31603	28600	24714	/////	/////	05553	14973	1////
B	40565	51006	80724	59808	21903	824//	00715	88815	/////	05203	10837	1////
C	40528	35506	20928	69020	16607	22500	00605	82820	/////	05103	10647	1////
D	40440	41006	22012	69021	97814	22400	00500	82815	/////	00013	12049	1////
I	40590	19006	70812	98031	27106	785//	00606	84820	/////	05602	11043	10456
J	40526	20206	80723	97031	12908	2253/	11207	82820	88360	05602	10736	10659
K	40451	16106	33212	70028	02510	32600	00601	83830	/////	05703	13242	13653
M	43654	02406	83125	70022	26703	856//	00513	88640	/////	05753	12925	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36932

Date of Issue Thursday 3 January 1963

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

ERSION BLE o °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$
104	Kew	775	80507	88565	07752	873//	52816	88707		
102	London Airport	772	80210	11565	08152	862//	53813	88703		
100	Gatwick	776	80408	11287	07351	862//	52817	88703		
99	Thorney Island	871	80412	19057	06551	872//	52819	88705		
97	Hurn	862	80312	39012	06752	862//	52713	82705	88707	
95	Guernsey	894	80610	40052	03204	854//	02817	84710	88615	
93	Wattisham	590	80612	16254	09552	862//	52814	88704		
91	Gorleston	497	80918	56052	11051	854//	53711	88618		
90	Mildenhall	578	80810	28775	10452	872//	53714	85705	88707	
88	Cardington	559	80214	09565	09853	862//	53715	88705		
86	West Raynham	485	80715	27777	11052	872//	53711	88705		
84	Wittering	462	80712	19567	11452	862//	53813	88703		
82	Boscombe Down	746	80510	37052	07953	863//	54813	88706		
81	Ross-on-Wye	627	80712	57025	09152	863//	54718	88708		
79	Bristol	628	80417	40363	09652	854//	54820	88613		
77	Aberporth	502	80715	59022	09350	854//	52810	82618	88625	
75	Rhoose (Cardiff)	715	80819	26367	08752	872//	53812	88705		
73	Plymouth	827	80515	37022	06052	855//	53713	85708	88625	
72	Chivenor	707	80809	56707	07451	854//	53812	82710	86615	88625
70	St. Mawgan	817	80608	48022	06652	863//	54708	88710		
68	Culdrose	809	80712	37052	06751	854//	52805	84709	88612	
66	Scilly	804	80817	48022	06002	854//	00108	85705	88612	
64	Elmdon	534	80808	29707	10653	854//	55811	85706	88612	
63	Shawbury	414	80812	56777	11551	854//	53609	82708	86710	88615
61	Manchester	334	80715	56797	11850	854//	51710	83615	86620	88630
59	Squires Gate	318	80721	70032	13501	885//	55810	84822	88635	
57	Valley	302	80720	66022	11702	55532	52707	85625	86360	88270
55	Ronaldsway	204	70728	74022	14402	58532	55807	85825	85075	
54	Carlisle	222	70413	62022	17300	55572	53812	81625	85633	
52	Watnall	354	80815	30777	11851	872//	53808	86704	88706	
50	Spurn Head	396	80926	57022	12701	874//	52710	88715		
48	Finningley	360	80616	61707	13301	855//	53811	84625	88635	
46	Dishforth	261	70713	74012	15001	755//	53712	81625	87635	
45	Tynemouth	262	70828	66022	17702	755//	01712	87625		
43	Eskdalemuir	162	80614	61717	19051	855//	51807	88624		
41	Mull of Galloway	131	70927	80012	15501	58504	01717	82820	83630	85075
39	Prestwick	135	70715	80027	17601	35542	53710	81620	83650	85075
37	Renfrew	141	80610	28707	19601	855//	52807	82710	84620	87640
36	Leuchars	171	80724	66278	20502	894//	52708	81710	84918	88635
34	Dyce	091	70807	59268	23702	784//	51705	81706	85818	87630
32	Wick	075	71019	74158	24403	784//	52708	83815	84630	86650
30	Cape Wrath	049	70909	83032	24202	786//	01712	87830		
28	Sule Skerry	010	61113	82016	25804	4355/	01203	84925	86360	
27	Lerwick	005	70203	83278	28202	794//	51706	81915	83620	87650
25	Stornoway	026	61014	83021	24703	3843/	52802	81818	83650	85362
23	Benbecula	022	70913	85278	22603	6854/	54805	83826	86635	
21	Tiree	100	70715	89032	20803	785//	55805	81715	83824	87640
19	Aldergrove	917	70817	74022	16351	685/2	53805	82820	85630	87070
18	Malin Head	980	80828	80028	17603	5252/	53704	85823	88459	
16	Belmullet	976	70713	75022	15602	36506	52807	82722	83640	87270
14	Birr	965	80411	70037	12301	864//	52707	85716	88632	
12	Collinstown	969	80720	69777	12702	855//	54707	85622	88635	
10	Rineanna	962	70410	74022	12202	756//	51707	83635	87650	
9	Roches Point	952	80314	66027	09901	874//	53802	86718		
7	Valentia	953	70918	62022	10401	784//	52400	82718	84822	87632
5										
3										
1										
0										
2										

OBSERVATIONS at 18h. 2 January 1963

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	80511	57055	04951	873//	51806	88708		
772	80319	20105	05351	862//	51707	88705		
776	80513	23102	04200	863//	51811	88706		
871	80516	19052	02700	863//	51716	88706		
862	80415	17363	03250	862//	51714	83704	88705	
894	80525	40606	98404	854//	03718	84706	88612	
590	80513	07565	07252	860//	52609	88701		
497	80822	32052	08650	854//	52713	88618		
578	80813	32027	07952	862//	53707	88705		
559	80414	14105	07152	862//	53708	88704		
485	80616	35027	08352	862//	53708	88705		
462	80714	28027	08852	862//	53805	88704		
746	80617	13284	05051	861//	52710	88702		
627	80613	57022	06551	863//	53709	88708		
628	80312	37023	06452	854//	53720	88611		
502	80617	48037	07051	854//	53706	85711	88615	
715	80620	26367	05652	863//	53709	88076		
827	80417	32022	02551	874//	53715	88713		
707	80913	50707	04551	854//	53810	86709	88615	
817	80412	48022	03652	5541/	54709	85615	88457	
809	80408	23052	04152	854//	54807	84709	88612	
804	80618	48022	03202	864//	51705	88711		
534	80714	30775	08251	872//	52400	86705	88708	
414	80612	48027	08851	854//	53704	86711	88613	
334	80618	56777	09750	854//	51705	85618	88625	
318	80720	56042	11101	885//	54704	82820	88627	
302	80713	59022	09501	854//	52604	82711	85618	88631
204	60729	69022	12302	52501	53505	81825	85833	
222	80412	59028	15100	855//	50808	83714	88625	
354	80714	37567	09351	873//	52706	88708		
396	80722	48028	10001	854//	51706	88615		
360	80711	56227	10601	854//	52807	88618		
261	80712	69037	12600	855//	52707	83626	88631	
262	80830	66022	15301	8052/	51606	88520		
162	80616	62717	16851	855//	53807	88627		
131	70926	74022	14101	785//	01703	83820	87630	
135	70615	74022	16201	757//	53704	81718	87650	
141	80711	32707	17501	856//	52703	83718	85630	88643
171	80725	70878	18602	8841/	52707	85818	88635	
091	70912	62278	21502	784//	52707	84816	87636	
075	71115	74772	23303	754//	53805	84615	87625	
049	70913	83022	21603	785//	00208	87825		
010	81113	82032	24205	885//	53704	84825	88630	
005	80412	80608	26102	884//	01809	81815	88625	
026	70916	80028	22803	785//	51705	85820	85632	
022	50812	83022	20802	28532	53805	81823	83360	
100	70716	86012	18803	785//	54705	81822	83630	87640
917	80822	66028	14801	885//	52400	83820	88633	
980	80933	80028	16003	885//	54704	83825	88641	
976	80912	75022	14202	6643/	53703	83718	86637	88358
965	80211	66707	11300	874//	53702	88712		
969	80723	66777	10702	855//	54802	85625	88635	
962	80213	62707	11101	8541/	51000	82716	88630	
952	80115	59707	08601	864//	51500	83714	88631	
953	40911	62011	09901	45500	52302	84628		

OBSERVATIONS during DAY

iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97009	000	d_od_off	fd_o
772	97507	000	d_od_of	fd_od_o
776	97009	000	id_oif	d_od_o
871	97007	000	+	is_o
862	00507		+	+
894	03041	000	ir_o	ir_orr
590	97516		d_od_o	$id_od_od_off$
497	00506	000	+	+
578	97517	000	$d_od_os_os_o$	id_o
559	97527	000	d_od_o	+
485	91526	000	$d_od_os_os_o$	is_o
462	91527	000	$d_os_os_os_o$	s_os_o
746	00517	000	+	ffks
627	00517	000	id_o	+
628	00527	000	ks	+
502	97507	000	is_o	+
715	97517	000	ks_oksis_o	ks_oks
827	00005	000	+	+
707	97505	000	$s_os_ois_o$	is_o
817	00517	000	+	+
809	00013	000	+	+
804	00041	000	+	+
534	97517	000	$d_od_ois_o$	$is_od_od_o$
414	97507	000	$is_os_os_od_od_o$	is_o
334	97016	000	is_o	is_oid_o
318	00015	000	+	+
302	97023	000	+	id_o
204	00020	001	+	+
222	97016	000	ph_ois_o	is_o
354	97516	000	$id_os_os_o$	$s_os_od_od_o$
396	97020	000	ps_o	+
360	97015	000	$s_os_od_od_o$	$s_os_od_od_o$
261	97016	000	+	is_o
262	00025	000	+	+
162	92517	000	$s_os_ois_o$	$is_os_os_o$
131	00023			
135	00015	004	+	+
141	91026	000	is_o	is_o
171	97036	000	$pr_os_oph_o$	ph_o
091	04037	000	pr_opsph_o	ps_oph
075	93045	000	pr_o	is_o
049	94035		+	rs
010	00051			
005	91037	000	ph_os_o	$pr_os_oir_o$
026	97045	010	pr_o	pr_o
022	97037	000	ph_o	+
100	00033	000	jp	+
917	97015	000	ps_o	ps_o
980	9704	000		
976	0002	000		
965	9702	000		
969	9702	000		
962	9702	000		
952	9702	000		
953	0002	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	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33012	53408	75158	30402	59400	00714	/////	/////	05701	100/0	14943
B	40565	51012	80726	65028	23404	854//	00803	88615	/////	00001	10737	1////
C	40528	35512	30926	69020	15007	22501	00703	82821	/////	05204	10846	1////
D	40440	41012	61610	69218	96114	68400	00503	86810	/////	05110	12045	1////
I	40590	19112	30715	98158	26406	33400	00000	82918	/////	05601	10732	10954
J	40522	20112	60425	98808	14307	634//	11111	86915	/////	05900	10436	10658
K	40450	16012	70412	56819	04210	795//	00113	85923	/////	05605	13354	12843
M	43655	02112	73221	70012	25904	75600	71508	87640	/////	05655	13446	1////

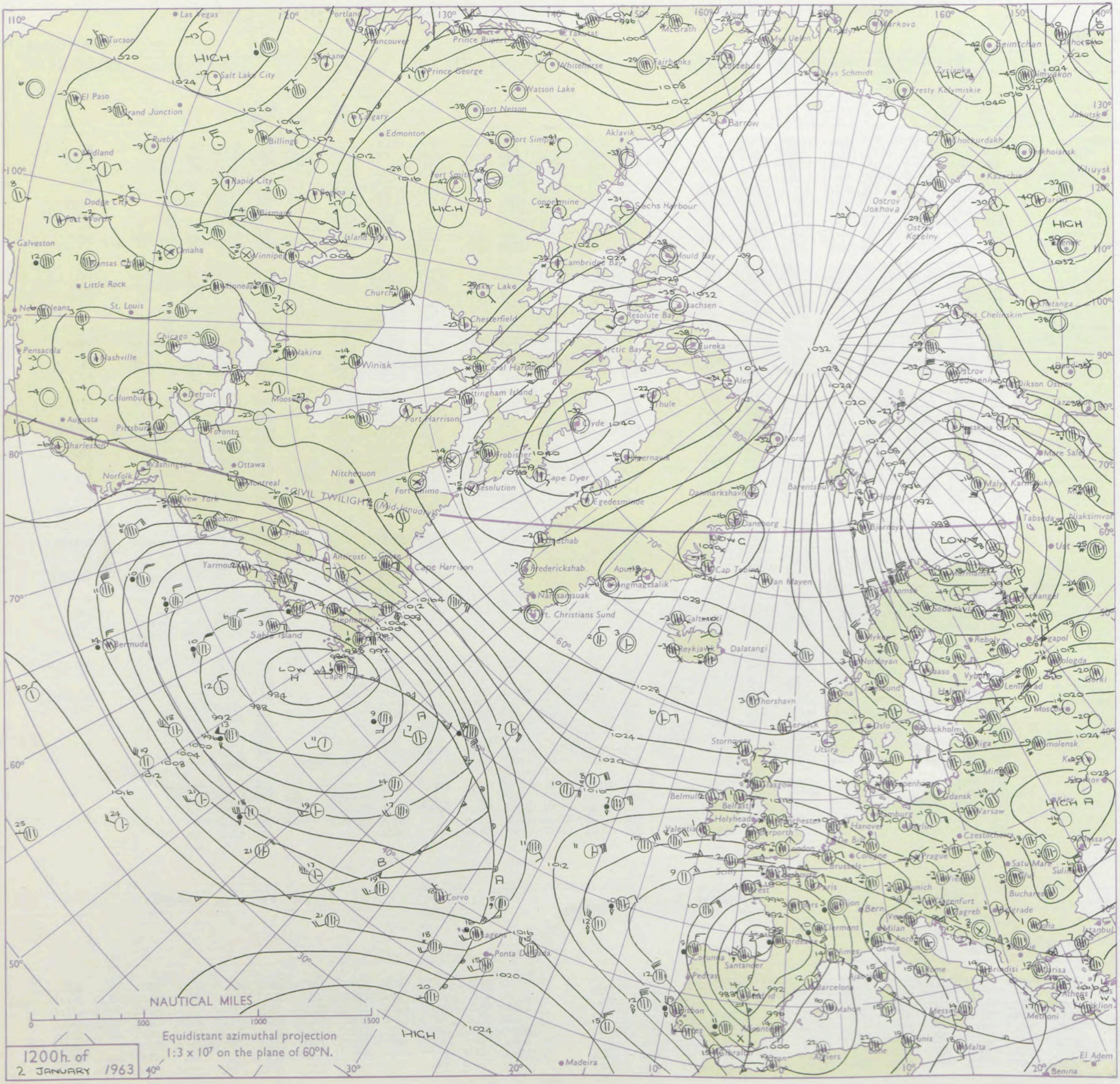
OCEAN WEATHER STATION REPORTS at 18h.

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	40620	33218	73210	60838	27601	794//	00710	/////	/////	05901	13221	14943
B	40565	51018	60722	69158	20204	62500	00715	86825	/////	05102	10636	1////
C	40528	35518	70928	67031	11007	27556	00703	82820	83364	05106	10948	1////
D	40440	41018	72015	63216	92515	68430	00508	82010	86620	00112	12045	1////
I	40590	19218	40615	98151	23407	42500	00811	84820	/////	05601	10732	11254
J	40524	20018	70116	98258	14007	7343/	00304	83915	85820	05803	10137	149//
K	40450	16118	33413	70038	07211	32500	00322	83826	/////	05405	13454	13042
M	43658	02218	83510	70032	25304	856//	71617	88640	/////	05556	13443	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


HIGH
LOW
Las Vegas
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Tucson
Salt Lake City
Spokane
Vancouver
Prince Rupert
Yakutat
McGrath
Whitehorse
Fairbanks
Prince George
Watson Lake
Fort Nelson
Calgary
Edmonton
Fort Simpson
Fort Smith
Aklavik
Barrow
Rueblo
Billings
Grand Junction
El Paso
Midland
Dodge City
Fort Worth
Rapid City
Bismarck
Regina
Galveston
Omaha
Winnipeg
Island Lake
Coppermine
Sachs Harbour
Mould Bay
Cambridge Bay
Baker Lake
Chesterfield
Resolute Bay
Eureka
Arctic Bay
Alert
Thule
Little Rock
New Orleans
St. Louis
Minneapolis
Churchill
Winisk
Chicago
Pensacola
Nashville
Nakina
Coral Harbour
Nottingham Island
Fort Harrison
Moosonee
Columbus
Detroit
Augusta
Pittsburgh
Toronto
Charleston
Ottawa
Washington
Norfolk
Montreal
Nitchequon
Fort Chimo
Resolution
Cape Dyer
Egedesminde
New York
Boston
Caribou
Yarmouth
Antigrosti
Cape Harrison
Stephenville
Sable Island
Bermuda
Cape Race
Frobisher
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Frederickshab
Narssarssuak
Ft. Christians Sund
Angmagssalik
Reykjavik
Dalatangi
Cap Tobin
Jan Mayen
Thorshavn
Stornoway
Belmullet
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Glasgow
Holyhead
Valentia
Scilly
Corvo
Lagens
Ponta Delgada
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Belgrade
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Istanbul
Munich
Prague
Cologne
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De Bilt
Hanover
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Gdansk
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Odessa
Kishinev
Bucharest
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Sulina
Czestochowa
Vienna
Klagenfurt
Innsbruck
Utsira
Lerwick
Aberdeen
Valentia
Holyhead
Belmullet
Belfast
Glasgow
Stornoway
Thorshavn
Jan Mayen
Cap Tobin
Danmarkshavn
Barentsburg
Hopen
Bjarnoya
Tromso
Nordoyan
Vaasa
Oulu
Sodankyla
Ivalo
Vardo
Reboly
Murmansk
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Stockholm
Riga

CHARTS OF WEATHER IN WEST EUROPE

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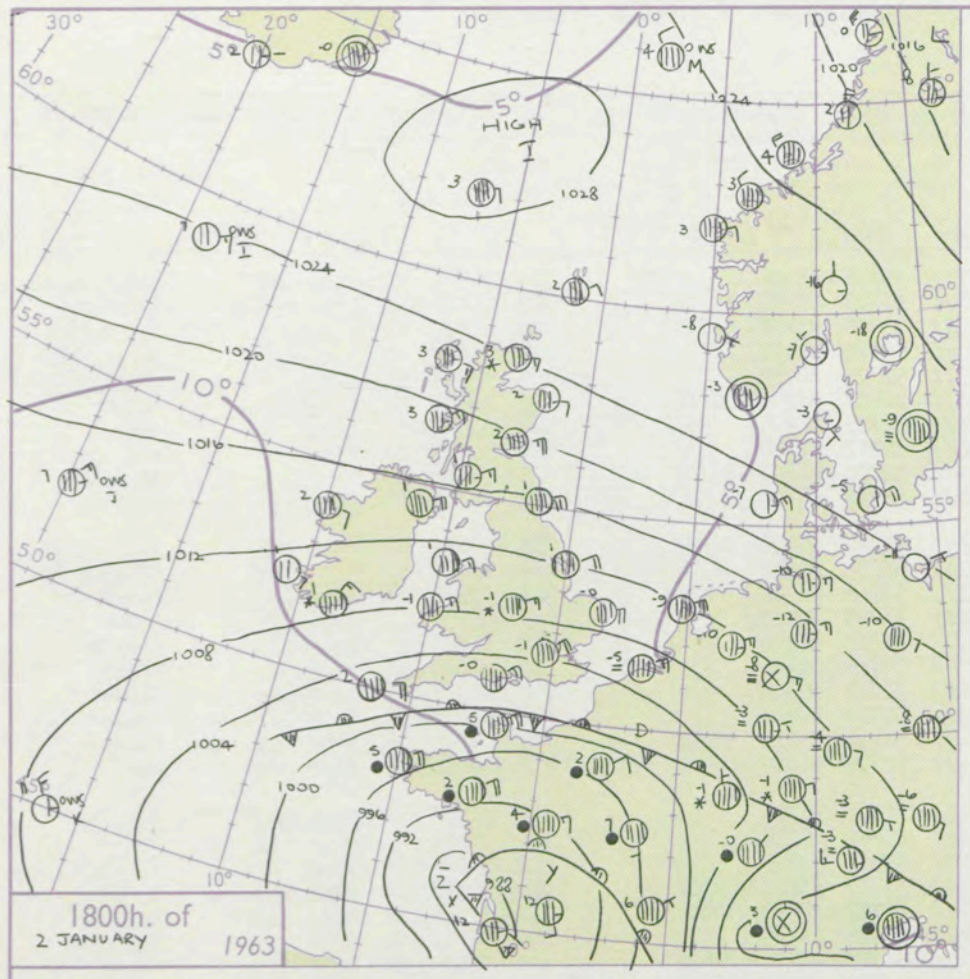

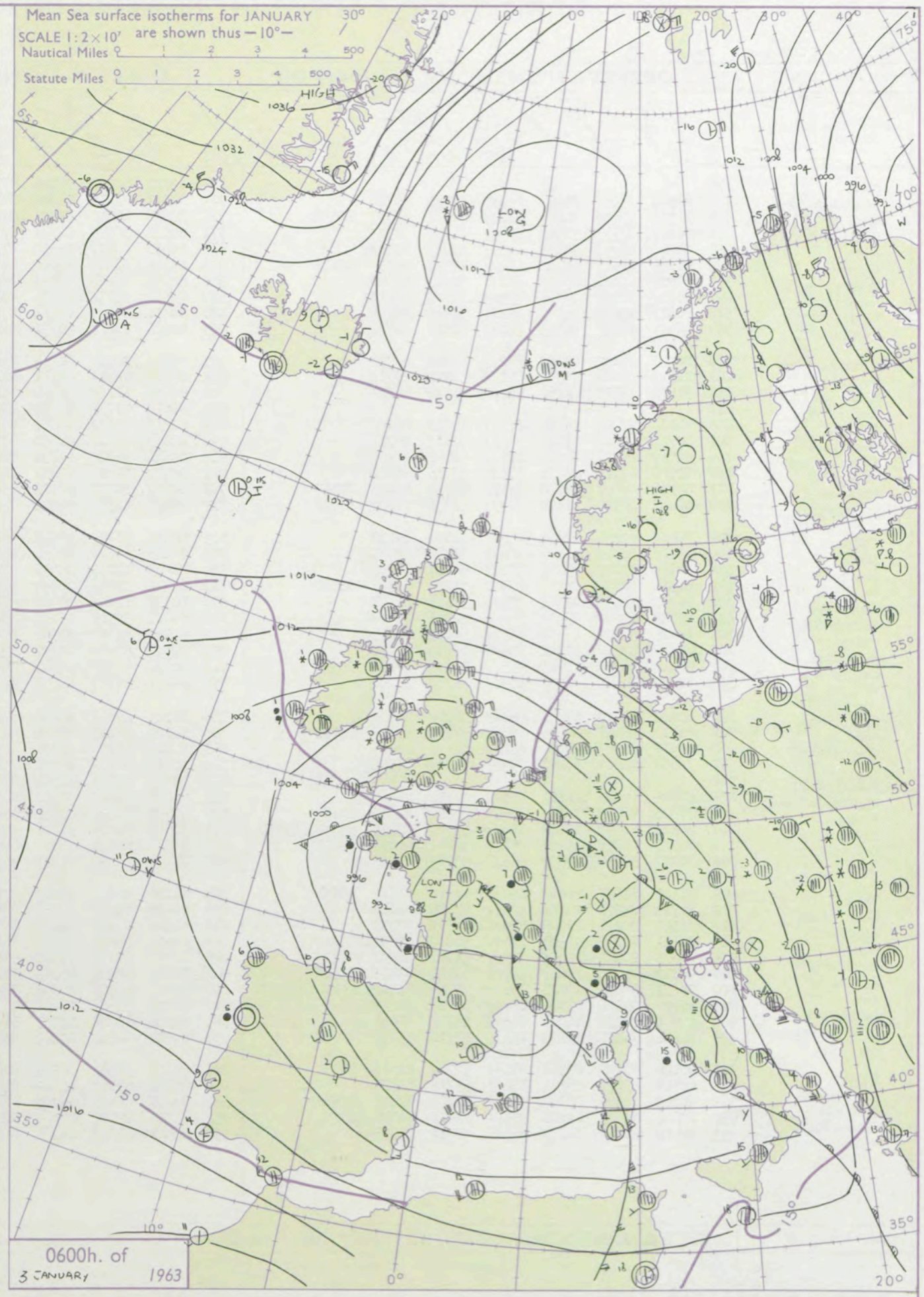

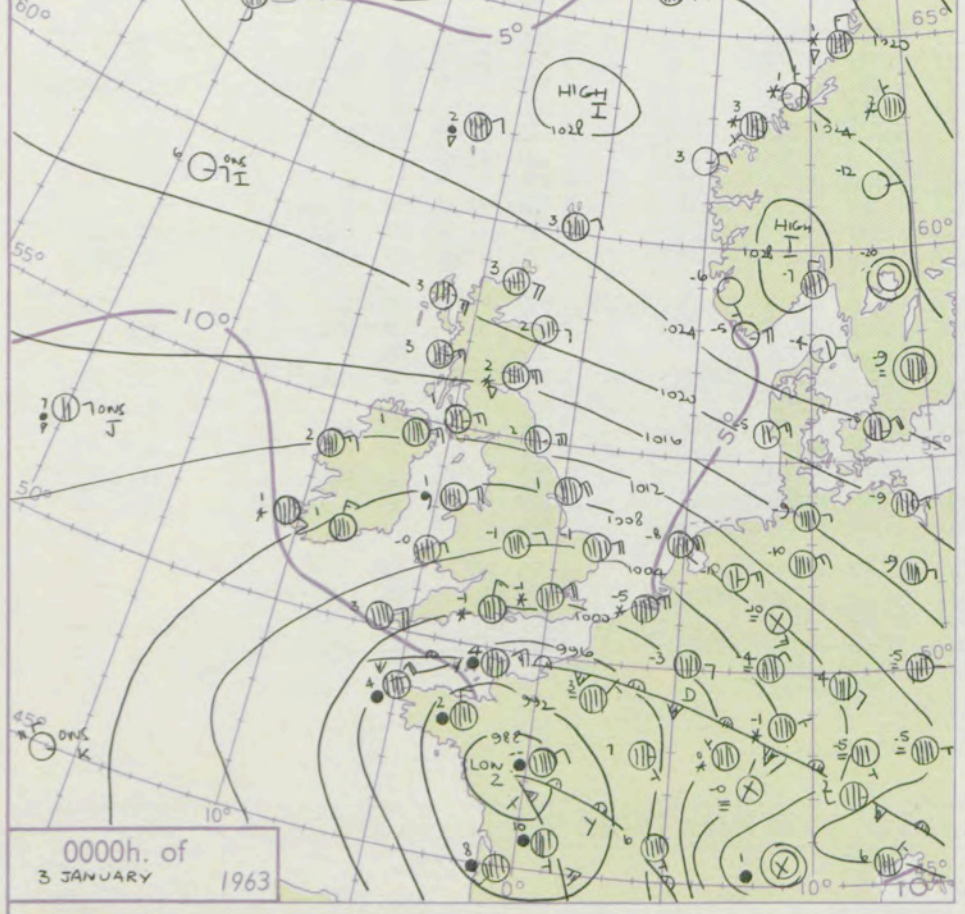

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 3 January 1963

The depression in Biscay yesterday has continued slowly northeast into western France. It will probably now drift north a little and become almost stationary, whilst filling slowly. Pressure will remain comparitively low over the western Mediterranean and the depression off Newfoundland will move slowly east, with troughing southeastwards from the centre. Pressure will rise in the Denmark Strait and Iceland area behind a depression moving southeastwards across the Norwegian Sea.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

England and Wales will remain cloudy or dull with snow in many places and drifting in the Midlands and northern England. In the southeastern part of England there will be rain or freezing rain for a time, but this will probably revert to sleet or snow. Scotland will also be mostly cloudy with snow showers in the east and over hills. More continuous snow in Northern Ireland will die away later. Remaining very cold everywhere with ice and snow on roads.

OUTLOOK for following 24 hours

Remaining cold or very cold everywhere. Further sleet or snow but probably becoming less intense and widespread.

Code FM 11.A

OBSERVATIONS at 00h. 3 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			00					
London Airport	772	80318	15717	01451	862//	51824	88704		
Gatwick	776	80516	23717	00000	862//	50721	85703	88708	
Thorney Island	871	80417	26717	98500	872//	51730	88705		
Hurn	862	80216	09737	99851	873//	51723	88706		
Guernsey	894	80326	40616	96104	854//	02716	84707	88616	
Wattisham	590	80618	04464	03752	860//	52717	88701		
Gorleston	497	80722	32052	05951	855//	52714	88618		
Mildenhall	578	80813	23055	04751	862//	52716	88704		
Cardington	559	80319	14105	04151	862//	52718	88704		
West Raynham	485	80520,	28022	05752	862//	53714	88704		
Wittering	462	80717	20102	05951	862//	52714	88703		
Boscombe Down	746	80418	14717	01852	862//	53718	88703		
Ross-on-Wye	627								
Bristol	628	80214	28702	04352	863//	53815	88706		
Aberporth	502	80712	48022	05250	864//	52712	88711		
Rhoose (Cardiff)	715	80519	28717	03252	873//	52821	88709		
Plymouth	827	80320	40717	00201	873//	52715	88708		
Chivenor	707	80316	48027	02100	854//	53710	86615	88645	
St. Mawgan	817	80408	40707	01651	873//	52712	86709	88712	
Culdrose	809	70407	50052	01951	7092/	52813	87459		
Scilly	804	80418	66022	01703	864//	51708	88711		
Elmdon	534	80512	33047	05151	872//	52712	88706		
Shawbury	414	80514	40777	06550	873//	52711	86607	88610	
Manchester	334	80717	62507	07301	854//	52613	88617		
Squires Gate	318	80718	60022	08401	854//	52715	88616		
Valley	302	80416	58505	07501	854//	52715	88615		
Ronaldsway	204	80619	69707	09702	856//	55615	88630		
Carlisle	222	80412	62022	13101	855//	54711	82715	88625	
Watnall	354	80818	58025	06951	863//	51712	88708		
Spurn Head	396	80822	57022	08001	865//	00710	88720		
Finningley	360	80713	40027	08500	863//	51713	83708	88711	
Dishforth	261	80617	58057	10101	854//	52712	88615		
Tynemouth	262	70932	74022	13202	7052/	53713	87525		
Eskdalemuir	162								
Mull of Galloway	131	80925	80022	11201	855//	00722	88630		
Prestwick	135	70613	80032	14101	756//	54812	81630	87650	
Renfrew	141	80611	61857	15402	884//	53710	82818	85635	87650
Leuchars	171	80723	66858	16702	884//	54711	84818	88632	
Dyce	091	70912	59018	20202	756//	53707	87635		
Wick	075	61120	80017	21403	654//	55710	83615	86630	
Cape Wrath	049	80713	83028	21102	885//	01705	88825		
Sule Skerry	010	81113	82022	22305	856//	53709	88725		
Lerwick	005	80611	80036	24303	856//	54812	88630		
Stornoway	026	70916	80022	21203	785//	51711	82822	87635	
Benbecula	022	50712	82012	19202	58900	53708	82825	85645	
Tiree	100	70617	83032	17003	785//	53714	81822	83630	87647
Aldergrove	917	80716	80028	12301	856//	50715	88635		
Malin Head	980	80832	80022	14003	856//	54716	88645		
Belmullet	976	80814	74227	13102	854//	53710	83718	88638	
Birr	965	80108	66707	09500	874//	52712	86712	88632	
Collinstown	969	80719	69777	08602	855//	53712	88623		
Rineanna	962	80212	62607	09700	855//	00708	82620	88630	
Roches Point	952	83614	62027	07001	864//	52811	84718	88632	
Valentia	953	80910	62707	09101	855//	52710	88625		

OBSERVATIONS at 06h. 3 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80714	60717	96301	873//	52728	88706		
London Airport	772	80317	23717	96700	863//	51729	86706	88707	
Gatwick	776	80616	48717	95501	873//	53725	83708	88710	
Thorney Island	871	80517	56687	94801	873//	50722	88707		
Hurn	862	80410	40677	95550	873//	51725	88709		
Guernsey	894	80318	40616	92904	854//	02617	84705	88611	
Wattisham	590	80516	16227	99351	862//	51723	88704		
Gorleston	497	80825	58052	01700	855//	51717	88622		
Mildenhall	578	80814	28707	00651	872//	52720	84703	88707	
Cardington	559	80318	14717	99551	862//	51723	88704		
West Raynham	485	80724	56012	01251	862//	52722	83704	88707	
Wittering	462	80722	14717	01751	861//	52724	85702	88704	
Boscombe Down	746	80516	11717	96952	861//	53828	88702		
Ross-on-Wye	627	80410	17737	99351	8022/	51725	88505		
Bristol	628	80317	11737	99351	862//	51722	88703		
Aberporth	502	80313	07717	01500	870//	50717	88701		
Rhoose (Cardiff)	715	80524	09717	98751	872//	51729	88704		
Plymouth	827	80112	58027	97801	856//	52710	88643		
Chivenor	707	80209	28717	98401	854//	51718	85712	88618	
St. Mawgan	817	80315	14737	98500	854//	50719	84705	86709	88613
Culdrose	809	80518	23707	99501	864//	51710	88710		
Scilly	804	80418	66026	00004	864//	01809	88710		
Elmdon	534	80415	17737	00451	873//	51723	88706		
Shawbury	414	80514	23717	02550	873//	51719	85606	88611	
Manchester	334	80718	48705	03900	854//	51712	83709	88615	
Squires Gate	318	80722	58715	05201	854//	51715	88610		
Valley	302	80413	40717	03701	854//	00719	84706	88612	
Ronaldsway	204	80527	66687	05802	855//	00719	85713	88625	
Carlisle	222	80416	59022	09901	855//	50717	81715	88625	
Watnall	354	90721	14737	02851	9/0//	51721	89/04		
Spurn Head	396	80725	48022	04001	874//	00722	88715		
Finningley	360	80722	48777	04801	863//	51719	88709		
Dishforth	261	80713	56055	06901	854//	52718	88616		
Tynemouth	262	70832	66022	09902	755//	02717	87625		
Eskdalemuir	162	80612	62387	11751	855//	53610	88625		
Mull of Galloway	131	80935	74022	07402	865//	51722	88720		
Prestwick	135	80717	74022	09901	856//	54720	83640	88657	
Renfrew	141	70614	74028	12001	755//	53717	83622	87635	
Leuchars	171	80725	66858	13702	885//	54717	84820	88637	
Dyce	091	71111	59022	17301	785//	51719	84820	87635	
Wick	075	61120	82227	18203	654//	53719	81615	83635	85630
Cape Wrath	049	80718	82028	17302	885//	01721	88825		
Sule Skerry	010	81013	82022	19304	865//	51719	88725		
Lerwick	005	80915	04878	22401	854//	00714	84815	88630	
Stornoway	026	50723	82031	17503	556//	53725	85630		
Benbecula	022	70713	82022	15602	785//	51619	81828	87656	
Tiree	100	70820	82022	13803	785//	55616	81828	87650	
Aldergrove	917	80719	62707	08601	855//	53717	88622		
Malin Head	980	80729	80028	10503	885//	00719	82821	88645	
Belmullet	976	80908	61707	10001	864//	52718	84717	88635	
Birr	965	80110	61707	06700	874//	51717	88712		
Collinstown	969	80616	66687	05202	864//	51718	83713	88622	
Rineanna	962	80211	66707	06700	856//	00717	88630		
Roches Point	952	83516	62022	04401	864//	51714	84710	88716	
Valentia	953	80909	61587	07001	864//	51714	88714		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	04507	51	$d_od_os_os_o$	$s_os_or_os_or_or_o$
London Airport	772	04517	51	$id_or_os_os_os_o$	$s_os_or_or_o$
Gatwick	776	05507	51	$d_od_os_os_o$	$s_os_or_or_o$
Thorney Island	871	05007	50	$is_os_os_o$	$ssr_os_or_or_o$
Hurn	862	03517	51	s_os_o	$sss_os_or_or_o$
Guernsey	894	20022	02	rrr_or_o	r_or_orr
Wattisham	590	93526	52	$ffis_o$	s_os_o
Gorleston	497	00525	58	+	+
Mildenhall	578	94517	52	+	$is_os_os_o$
Cardington	559	02529	52	s_os_o	s_os_o
West Raynham	485	00526	53	+	+
Wittering	462	91527	52	+	$is_os_os_o$
Boscombe Down	746	09537	54	s_os_oss	sss_os_orr
Ross-on-Wye	627	06517		is_oss	$ssid_o$
Bristol	628	11527		s_os_oss	s_os_oss
Aberporth	502	02517	51	s_os_o	sss_os_o
Rhoose (Cardiff)	715	10527	51	$kssss_os_o$	s_os_oss
Plymouth	827	97505	52	$is_os_os_o$	$is_os_os_o$
Chivenor	707	01506	51	s_os_o	s_os_o
St. Mawgan	817	01517	52	is_o	s_os_o
Culdrose	809	91525	52	$is_os_os_o$	$s_os_ois_o$
Scilly	804	94011		+	ir_o
Elmdon	534	01527	52	is_oss	ssks
Shawbury	414	02517	50	$fs_os_os_o$	s_os_o
Manchester	334	97506	50	d_od_o	s_os_o
Squires Gate	318	97015	00	+	$d_od_os_os_o$
Valley	302	01013	50	$id_od_od_o$	$is_os_os_or_os_o$
Ronaldsway	204	06015	00	s_os_o	$r_os_os_os_o$
Carlisle	222	00016	51	+	+
Watnall	354	02517	51	d_od_o	sss_os_o
Spurn Head	396	97011		+	is_o
Finningley	360	01507	51	d_od_o	ff
Dishforth	261	97005	50	$is_od_od_o$	$d_od_oid_ois_o$
Tynemouth	262	00015	01	+	+
Eskdalemuir	162	97517	53	is_o	+
Mull of Galloway	131	97503			
Prestwick	135	00005	51	+	+
Renfrew	141	97015	00	is_ops_o	+
Leuchars	171	97016	01	$ph_ops_oprs_o$	ph_ops_o
Dyce	091	93017	51	phs_o	ps_oph_o
Wick	075	92015	00	is_o	$is_oid_ophr_o$
Cape Wrath	049	02015	00	prs	prs
Sule Skerry	010	00031	02		
Lerwick	005	01016	52	phr_o	phr_ophs_o
Stornoway	026	00035	00	+	+
Benbecula	022	00026	52	+	+
Tiree	100	00023	50	+	+
Aldergrove	917	97505	51	is_o	$is_os_os_o$
Malin Head	980	97031	02		
Belmullet	976	91015	00		
Birr	965	97516	50		
Collinstown	969	02015	00		
Rineanna	962	97503	51		
Roches Point	952	97005	00		
Valentia	953	97001	51		

CONVECTION TABLE

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Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50621	33300	73206	75028	25602	785//	00611	/////	/////	05854	13221	11943
B	50565	51000	80723	65028	19204	845//	00803	88620	/////	00002	10646	1////
C	50528	35500	70938	65022	08808	21570	00807	82820	86358	00006	10948	/////
D	50440	41000	22319	69021	95014	22400	00105	82815	/////	00009	12147	1////
I	50590	18900	10508	98018	20706	12600	21817	81830	/////	05601	10632	11044
J	50525	20000	10410	98808	13907	42500	00303	84820	/////	05901	10435	11911
K	50449	16000	13410	70020	09811	12500	00206	82826	/////	05504	13453	1////
M	53660	01400	82613	65262	23903	855//	00611	88610	/////	05853	10010	13443

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33006	72509	75022	23701	785//	00709	/////	/////	05852	12521	11943
B	50565	51006	60530	61808	17803	62400	00602	86815	/////	05202	10647	1////
C	50528	35506	80935	65022	04707	855//	00717	88630	/////	05106	10959	1////
D	50440	41006	81822	69021	91115	855//	00732	88630	/////	00010	11947	1////
I	50590	19006	51010	98258	19006	49631	00715	83925	/////	05703	10632	1////
J	50525	20006	30410	98250	11606	32500	00713	83820	/////	05902	10423	11917
K	50451	16006	33210	70011	09011	32500	00707	83823	/////	05504	13453	1////
M	53660	01406	72522	50852	19501	79500	00734	85920	/////	06152	12523	12443

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36933

Date of Issue Friday 4 January 1963

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

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	80712	48636	95000	872//	51807	87705	88708	
London Airport	772	80412	33617	95200	873//	51712	84706	88708	
Gatwick	776	80510	37666	94250	871//	51814	81702	88703	
Thorney Island	871	80611	58617	93201	873//	50720	88707		
Hurn	862	80307	37797	94400	873//	00717	87708	88712	
Guernsey	894	83516	50697	93302	872//	01003	84705	87708	
Wattisham	590	80618	32577	96851	861//	52818	88702		
Gorleston	497	80720	40517	99551	7732/	52809	87709	88520	
Mildenhall	578	80713	40667	98351	873//	53815	85706	88710	
Cardington	559	80416	40797	97351	855//	52715	83710	88620	
West Raynham	485	80723	56668	98452	872//	52820	88705		
Wittering	462	80719	18717	99251	861//	52817	88702		
Boscombe Down	746	80610	59687	95150	854//	51712	86706	88615	
Ross-on-Wye	627	80511	24717	97251	8022/	51713	88505		
Bristol	628	80414	10737	97151	872//	51712	88703		
Aberporth	502	80610	23717	98800	7712/	50816	82702	86705	88515
Rhoose (Cardiff)	715	80620	20737	97251	872//	51708	86704	88708	
Plymouth	827	83307	09717	96000	6732/	00607	86707	88520	
Chivenor	707	80508	20737	96701	873//	50711	88708		
St. Mawgan	817	80310	23707	97000	863//	50710	88708		
Culdrose	809	80305	56707	98101	854//	00707	85708	88615	
Scilly	804	73616	59216	98105	6842/	02810	82810	85614	87458
Elmdon	534	90516	09717	98051	9/0//	51709	89/02		
Shawbury	414	80415	12737	00200	872//	51816	88703		
Manchester	334	80717	37717	01101	874//	51820	84710	88712	
Squires Gate	318	80622	56707	02602	854//	52815	86615	88635	
Valley	302	80520	59237	01302	857//	51820	85710	88650	
Ronaldsway	204	80716	58717	04101	6721/	00815	81705	86708	88462
Carlisle	222	80408	59022	07701	855//	01717	83712	85625	88630
Watnall	354	90619	11737	99951	9/0//	51820	89/05		
Spurn Head	396	80726	24697	01201	6742/	51721	86710	88558	
Finningley	360	80613	17777	02101	862//	50820	86705	88708	
Dishforth	261	80614	50517	04201	873//	51820	84708	88712	
Tynemouth	262	80833	48898	06903	8052/	50725	88520		
Eskdalemuir	162	80512	62707	08951	855//	52820	88625		
Mull of Galloway	131	80936	63717	05102	865//	51715	88720		
Prestwick	135	80716	70022	08401	7552/	53716	83626	87640	88460
Renfrew	141	80710	20777	10201	855//	51814	87718	88620	
Leuchars	171	80625	64028	11302	885//	52719	85822	88635	
Dyce	091	81112	58028	14802	884//	54718	84815	88630	
Wick	075	81217	69268	16503	884//	52715	83712	85815	88630
Cape Wrath	049	70518	83028	15402	785//	01708	88825		
Sule Skerry	010	81013	82022	17905	885//	51705	86825	88630	
Lerwick	005	71112	79038	20802	755/8	54812	87620		
Stornoway	026	80717	74028	16003	885//	50812	85820	88635	
Benbecula	022	70819	82022	13902	25502	55814	82628	87070	
Tiree	100	70616	86032	11902	585/6	55817	81822	83650	87070
Aldergrove	917	80720	48717	06301	863//	51718	84706	88710	
Malin Head	980	80829	59688	08502	885//	51814	83823	88656	
Belmullet	976	80613	72687	07402	6642/	51713	86716	88458	
Birr	965	83610	48717	04200	874//	00716	88712		
Collinstown	969	80715	58687	03302	862//	50715	85705	88710	
Rineanna	962	80110	48687	04401	864//	50715	84712	88620	
Roches Point	952	83615	59687	02302	5737/	00714	85708	88459	
Valentia	953	80808	69707	05102	864//	51813	85715		

Code FM 11.A — OBSERVATIONS at 18h. 3 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	80607	14516	93101	872//	51704	87704	88707	
London Airport	772	80610	18516	93300	871//	50801	83702	88704	
Gatwick	776	80706	08516	92900	860//	50102	88701		
Thorney Island	871	80307	40506	92901	862//	00207	88703		
Hurn	862	80305	19516	93600	873//	50304	86706	88708	
Guernsey	894	83011	62607	94403	854//	01314	82708	86611	86617
Wattisham	590	80911	11566	94650	870//	52705	88701		
Gorleston	497	81013	56617	96501	8052/	00605	88520		
Mildenhall	578	81007	37246	96100	873//	51605	88706		
Cardington	559	80308	32687	94750	855//	51606	86710	88620	
West Raynham	485	80815	40566	96150	872//	51604	88704		
Wittering	462	80609	28667	96351	871//	51607	87702	88703	
Boscombe Down	746	80505	32567	94151	862//	52000	88705		
Ross-on-Wye	627	80507	57027	95351	862//	50602	88705		
Bristol	628	80308	23567	95551	872//	51601	88703		
Aberporth	502	80215	19717	96500	8022/	50706	88505		
Rhoose (Cardiff)	715	80611	28717	95851	872//	51500	88703		
Plymouth	827	83208	20717	95250	6732/	50304	86708	88515	
Chivenor	707	80703	23737	95050	874//	50703	88710		
St. Mawgan	817	90305	07737	95850	9/0//	50102	89/00		
Culdrose	809	90000	07717	96700	9/0//	51401	89/00		
Scilly	804	83313	63626	96704	7742/	04601	87712	88540	
Elmdon	534	80711	48247	95351	873//	52505	88708		
Shawbury	414	80306	17767	96750	854//	50511	85705	88616	
Manchester	334	80616	40717	96701	6732/	51716	83706	86709	88517
Squires Gate	318	80620	40687	97902	5542/	00816	82713	85618	88530
Valley	302	80417	48686	97901	854//	00610	84711	88616	
Ronaldsway	204	80413	34687	00401	5552/	00613	81710	85620	88458
Carlisle	222	80610	48687	02802	873//	00717	84709	88712	
Watnall	354	80814	56717	96851	873//	51707	88707		
Spurn Head	396	80720	48697	97801	874//	01711	88710		
Finningley	360	80608	13737	98500	872//	00710	88705		
Dishforth	261	80310	40687	99804	873//	50714	88706		
Tynemouth	262	80933	48638	03003	8052/	02716	88520		
Eskdalemuir	162	80512	62707	04550	864//	51717	88712		
Mull of Galloway	131	80925	66717	02001	865//	00718	88720		
Prestwick	135	80511	62227	01002	855//	51718	81717	83622	88630
Renfrew	141	80715	32507	05602	854//	00719	83710	85612	88622
Leuchars	171	80726	58618	07002	5742/	00617	82710	85715	88543
Dyce	091	80910	56228	11101	884//	51718	85817	88627	
Wick	075	71023	74278	13003	785//	00717	84820	87640	
Cape Wrath	049	70918	82028	13602	785//	01709	87625		
Sule Skerry	010	81013	81022	14604	885//	00709	85825	88630	
Lerwick	005	81114	74278	18602	884//	53709	82815	88630	
Stornoway	026	70819	82022	12903	785//	51707	83825	87645	
Benbecula	022	70816	80022	10602	55538	53610	85627	87270	
Tiree	100	80414	82032	08202	885//	54715	82820	84630	88656
Aldergrove	917	80413	59027	03102	4557/	51717	84625	84558	
Malin Head	980	80729	69237	05603	884//	51710	84817	88650	
Belmullet	976	80609	70226	05002	6647/	51707	84717	86635	88458
Birr	965	83507	59707	02000	874//	00705	88712		
Collinstown	969	80311	58617	00202	863//	01713	82706	84708	88712
Rineanna	962	83509	48687	02400	853//	00703	82709	88625	
Roches Point	952	83412	48687	00401	873//	01501	88706		
Valentia	953	80910	62607	02602	864//	00805	85715	88628	

OBSERVATIONS during DAY

Station	iii	RRT	T	E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	03017			000	r_or_orr	r_or_oddff
London Airport	772	04017			000	$r_3r_orrd_or_o$	$id_od_od_o$
Gatwick	776	02017			000	$r_or_od_od_o$	d_od_o
Thorney Island	871	05017			000	rrd_od_o	ddd_od_o
Hurn	862	05017				$rrr_or_oir_o$	$r_or_od_od_o$
Guernsey	894	18042			000	$rsrrr_or_o$	$r_or_oir_o$
Wattisham	590	02017				r_or_o	d_od_o
Gorleston	497	03025			000	$rsd_od_or_or_o$	r_or_o
Mildenhall	578	02017			000	$s_os_oir_oir$	$ir_oid_od_od_oif$
Cardington	559	05509			000	r_os_o	$r_or_oid_o$
West Raynham	485	03006			000	$s_os_or_or_o$	$r_or_od_od_o$
Wittering	462	05507			000	$s_os_or_or_o$	$r_or_od_od_o$
Boscombe Down	746	08017			000	$r_or_or_os_od_od_o$	$id_od_od_o$
Ross-on-Wye	627	04507			000	id_3is_oss	$isid_o$
Bristol	628	517			000	s_os_oss	$s_os_oid_o$
Aberporth	502	07017			000	$s_os_ois_oss$	s_os_o
Rhoose (Cardiff)	715	007			000	$s_os_oks_os_os_o$	$s_os_oks_oss$
Plymouth	827	08017			000	ssff	s_os_o
Chivenor	707	08027			000	s_os_oss	s_os_oss
St. Mawgan	817	07017			000	is_oss	s_os_ossff
Culdrose	809	04027			000	$is_os_os_o$	$s_os_ois_o$
Scilly	804	02051			000	ir_oir	$r_or_oir_o$
Elmdon	534	02507			000	ss	$s_os_od_or_or_os_o$
Shawbury	414	07017			000	s_os_oss	$sss_os_or_os_o$
Manchester	334	01017			000	s_os_c	s_os_o
Squires Gate	318	02025			000	$s_os_or_os_od_or_o$	$r_os_or_s$
Valley	302	02021			000	$r_or_or_os_o$	$r_or_or_os_o$
Ronaldsway	204	03021			000	$s_os_ossr_os_o$	r_os_o
Carlisle	222	93036			000	is_o	$s_os_or_os_or_or_o$
Watnall	354	03507			000	s_os_oss	$s_os_oir_o$
Spurn Head	396	02022			000	rs	$r_3r_os_o$
Finningley	360	06017			000	s_os_oss	$s_os_ossd_od_o$
Dishforth	261	05016			000	$s_os_od_od_o$	$s_os_or_os_oss$
Tynemouth	262	04035			000	phr_c	$pr_opr_os_orr$
Eskdalemuir	162	01007			000	$ksis_o$	$ks_os_os_oss$
Mull of Galloway	131	01022					
Prestwick	135	97035			000	+	$is_or_os_o$
Renfrew	141	01026			000	is_o	$is_oir_os_o$
Leuchars	171	01036			000	ph_o	$ph_opr_os_or_or_o$
Dyce	091	03027			000	ph_ois_o	ph_ois_o
Wick	075	01035			000	$pr_os_oph_o$	pr_oph_o
Cape Wrath	049	02035				prs	$prsir_o$
Sule Skerry	010	00051					
Lerwick	005	97026			003	+	ph_o
Stornoway	026	97045			000	pr_o	+
Benbecula	022	00036			000	+	+
Tiree	100	00033			000	+	+
Aldergrove	917	95025			000	s_os_o	$s_os_ois_or_os_o$
Malin Head	980	0204			000		
Belmullet	976	9703			000		
Birr	965	9401			000		
Collinstown	969	0702			000		
Rineanna	962	0601			000		
Roches Point	952	0102			000		
Valentia	953	9202			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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33112	73008	75268	22702	795//	00804	87933	/////	05652	13021	14943
B	50565	51012	60727	69028	17804	62500	00298	86825	/////	05101	10548	1////
C	50528	35512	70935	65031	03507	21448	00303	82815	872//	05105	15950	1////
D	50440	41012	62723	65806	89014	62502	00305	86820	/////	05109	12049	1////
I	50590	18912	50610	98152	18207	53440	00701	84918	/////	05602	10531	10853
J	50525	19912	50717	98278	10407	49460	00501	81918	83822	05901	10734	14976
K	50450	16012	50000	70038	09011	58500	00000	82823	85657	05304	10070	13443
M	53661	01512	72630	65262	14704	79400	00527	84910	87630	05700	12533	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	33218	70000	75158	22403	795//	00500	/////	/////	05551	10070	14943
B	50565	51018	60526	69252	18304	64500	00303	86622	/////	05102	10637	1////
C	50528	35518	80938	65022	00707	11471	00605	81815	86362	05104	16051	1////
D	50440	41018	42335	63808	90313	42500	00305	84820	/////	05112	17054	1////
I	50590	19018	40510	98258	16505	33460	00601	83918	/////	05803	10532	11143
J	50524	19818	20511	98258	07607	23560	00705	81920	/////	05901	10522	14976
K	50450	15918	71210	70038	06011	12555	00707	81823	84363	05505	10070	10153
M	53661	01218	52935	70018	11601	59400	61611	81915	85630	05955	12835	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
3 JANUARY 1963

Explanation of symbols

CL

Symbol

WEA

Symbol

For each half-feath 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

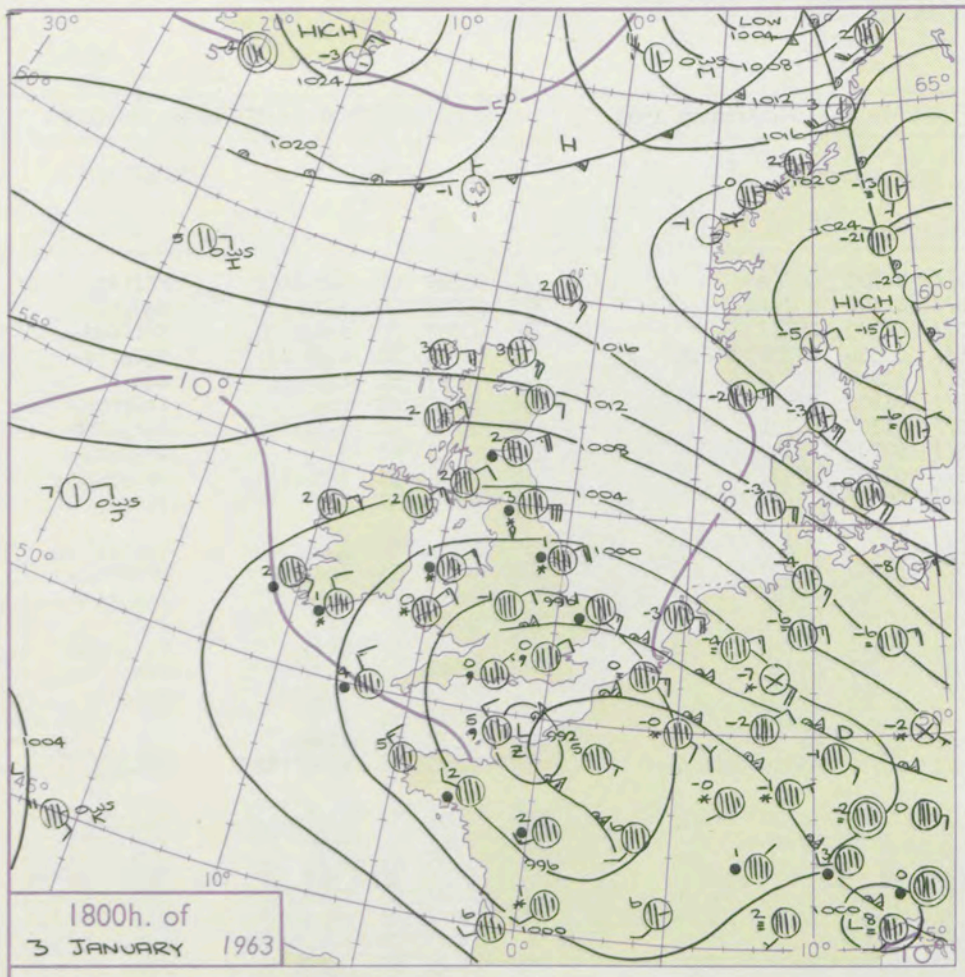
shower

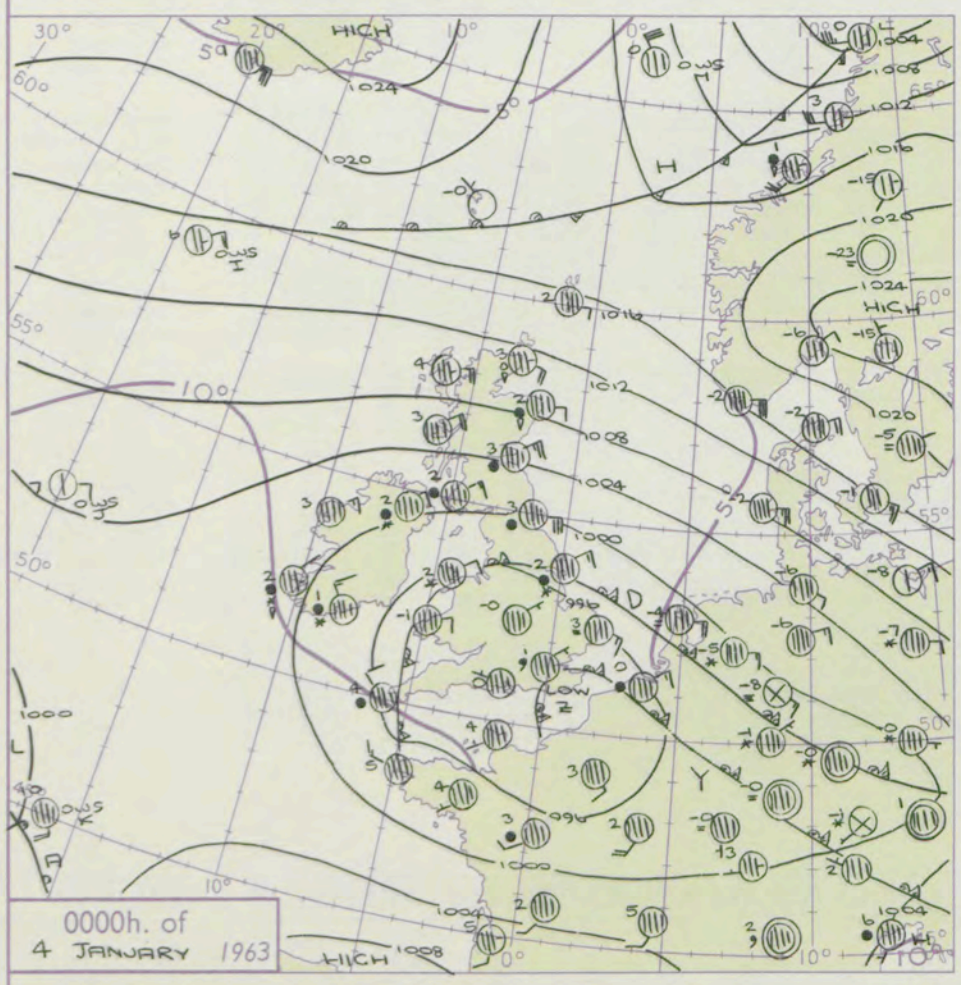
nderstorm

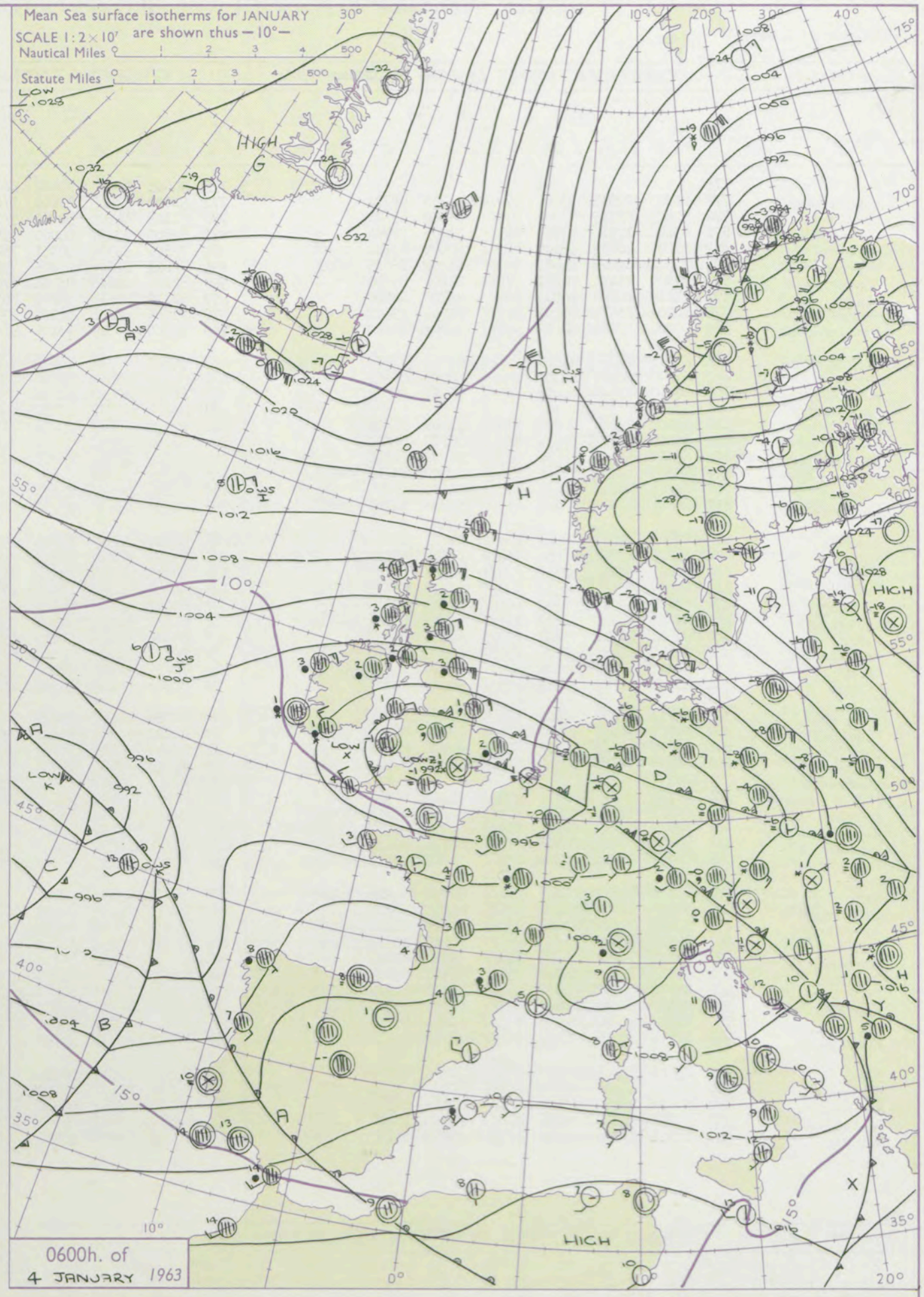
IND
Wind speed (knots)

Calm
1–2
3–7
8–12
13–17
additional
er add

48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 4 January 1963

The low centre over France yesterday has drifted slowly north, and now covers southern Britain. Though filling slowly the low has become complex and by tomorrow there will probably be two main centres, one near Southern Ireland, and one over the eastern North Sea. Meanwhile a low now forming over the east Atlantic will move east to Biscay. A sequence of troughs will move east to southeast in high latitudes whilst over Europe there will be limited ridge development.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Continuing cloudy and cold or very cold generally, with ice or snow on many roads. Over Scotland and Northern Ireland a slow thaw will continue, with rain at times, becoming more intermittent later. Over England and Wales there will be further sleet or snow chiefly in the north and east. A very slow daytime thaw will occur in the extreme southwest and in the southeast. There will be fog patches, chiefly over hills and in the south.

OUTLOOK for following 24 hours.

Remaining cold or very cold, with some further sleet or snow in many places and no more than a very slow thaw in limited areas.

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

Code FM 11.A

OBSERVATIONS at 00h. 4 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			01					
London Airport	772	80303	02515	93201	870//	01703	88701		
Gatwick	776	90805	F9515	93001	9/0//	01000	89/01		
Thorney Island	871	83206	17515	93301	862//	01303	88704		
Hurn	862	82805	48035	93900	873//	50602	83704	88708	
Guernsey	894	82914	62026	95603	854//	51302	85615	88625	
Wattisham	590	90808	F5455	94201	9/0//	01400	89/00		
Gorleston	497	81015	12106	95903	8052/	02702	88520		
Mildenhall	578	90704	03475	95001	9/0//	01705	89/02		
Cardington	559	90206	02516	94200	9/0//	50001	89/00		
West Raynham	485	90799	03516	95200	9/0//	50702	89/01		
Wittering	462	90608	06566	95350	9/0//	50605	89/00		
Boscombe Down	746	80000	23566	94250	862//	51302	88704		
Ross-on-Wye									
Bristol	628	80207	23026	94851	872//	51707	88705		
Aberporth	502	80808	48227	94851	855//	51712	88623		
Rhoose (Cardiff)	715	80503	58227	95351	873//	51602	88710		
Plymouth	827	80000	40027	95150	854//	50502	87706	88612	
Chivenor	707	80000	28717	94851	873//	51605	88708		
St. Mawgan	817	80000	28227	95350	855//	51706	84708	88627	
Culdrose	809	80105	37607	96502	854//	01703	88612		
Scilly	804	83208	63606	96404	854//	03603	88612		
Elmdon	534	80607	34246	94550	872//	50708	88705		
Shawbury	414	80507	37687	95350	873//	50710	85707	88710	
Manchester	334	80607	40687	96100	8042/	51707	88516		
Squires Gate	318	80609	28737	96401	873//	00709	83706	88710	
Valley	302	80511	48717	95402	863//	01716	88707		
Ronaldsway	204	80314	62687	97302	854//	01720	82715	88618	
Carlisle	222	80617	37617	00102	872//	00716	85705	88709	
Watnall	354	80611	28567	95550	873//	50710	88707		
Spurn Head	396	80717	57687	96802	874//	01705	88710		
Finningley	360	80707	28517	96700	871//	00712	83702	84703	88705
Dishforth	261	80610	40717	98401	873//	00708	88707		
Tynemouth	262	80928	58636	00403	8052/	02715	88520		
Eskdalemuir									
Mull of Galloway	131	80724	66617	99102	874//	01716	88718		
Prestwick	135	80515	62607	00802	858//	00713	83714	88657	
Renfrew	141	80616	56687	02902	854//	01715	83709	85711	88615
Leuchars	171	80623	56616	04503	6742/	02714	86710	88518	
Dyce	091	80908	56808	08202	884//	50717	86816	88627	
Wick	075	71022	66878	10203	794//	00718	84915	86640	
Cape Wrath	049	80718	81028	10102	875//	01715	88720		
Sule Skerry	010	70818	74028	11404	4357/	01719	84920	87360	
Lerwick	005	80910	80278	15802	884//	52715	83815	88640	
Stornoway	026	70618	74022	10304	755//	51716	87625		
Benbecula	022	70713	80022	07803	756//	52719	87647		
Tiree	100	80418	80032	05403	5557/	53719	81625	85635	88270
Aldergrove	917	80411	56687	00202	855//	01720	81710	85626	88645
Malin Head	980	80523	59688	02903	874//	02716	85711	88717	
Belmullet	976	80514	66236	02303	854//	00719	83717	88635	
Birr	965	83509	48707	99700	873//	51711	88709		
Collinstown	969	80410	66507	96803	864//	01721	83714	88635	
Rineanna	962	83510	48687	00200	855//	00714	88625		
Roches Point	952	83315	56687	98501	863//	00713	88708		
Valentia	953	70202	62836	01302	724//	01710	87817		

OBSERVATIONS at 06h. 4 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	90603	F9454	92402	9/0//	02703	89/00		
London Airport	772	90000	F8455	92601	9/0//	01702	89///		
Gatwick	776	92105	04505	92801	9/0//	01503	89///		
Thorney Island	871	82805	23237	94000	855//	00304	85704	88626	
Hurn	862	72802	50107	94351	762//	51801	87705		
Guernsey	894	72811	62606	95805	755//	01202	87620		
Wattisham	590	80806	01616	93201	870//	01707	88701		
Gorleston	497	81012	48616	94702	855//	02705	88620		
Mildenhall	578	81005	08636	94102	871//	01705	88702		
Cardington	559	90305	01586	93101	9/0//	00605	89/01		
West Raynham	485	90910	03616	94001	9/0//	01714	89/00		
Wittering	462	90607	01636	93900	9/0//	51706	89/00		
Boscombe Down	746	80000	19717	94051	862//	51705	88703		
Ross-on-Wye	627	83302	08707	93550	862//	50707	88705		
Bristol	628	80000	06687	95051	872//	51701	88704		
Aberporth	502	80000	48227	93651	864//	51707	88714		
Rhoose (Cardiff)	715	80502	48027	94752	872//	52704	88705		
Plymouth	827	73606	48032	94951	755//	51708	84711	87622	
Chivenor	707	81206	40027	93551	854//	51608	88615		
St. Mawgan	817	82813	40626	93902	854//	01707	83706	88616	
Culdrose	809	83304	64606	94702	855//	01610	86710	88625	
Scilly	804	73115	65216	95204	754//	02707	87612		
Elmdon	534	80506	28505	93200	873//	50607	88706		
Shawbury	414	80603	14567	93900	872//	00706	85703	88705	
Manchester	334	80607	61207	94801	854//	51606	81714	84619	88630
Squires Gate	318	80811	56217	94801	854//	00708	85616	88633	
Valley	302	80808	61216	93801	854//	00710	82615	88627	
Ronaldsway	204	80819	58617	95502	873//	01607	86706	88710	
Carlisle	222	80715	56586	98002	855//	01511	85708	88620	
Watnall	354	80608	05205	94700	872//	50505	88703		
Spurn Head	396	80714	32517	95001	7642/	01709	87710	88558	
Finningley	360	80607	17515	95601	871//	00604	85701	88702	
Dishforth	261	80206	28717	96700	873//	50709	84706	88710	
Tynemouth	262	80925	48616	98003	8052/	02719	88520		
Eskdalemuir	162	80512	49717	99201	854//	51604	88611		
Mull of Galloway	131	80922	74616	96202	8754/	02710	88720		
Prestwick	135	80512	62616	98502	2562/	00711	82630	88556	
Renfrew	141	80714	58587	00102	8541/	01612	83708	86711	88618
Leuchars	171	80721	48636	01203	6742/	02714	86710	88521	
Dyce	091	80913	56618	04902	874//	01715	88710		
Wick	075	80926	69808	07203	884//	01713	85815	88630	
Cape Wrath	049	80719	74636	06402	874//	01729	88715		
Sule Skerry	010	80838	66028	08604	865//	01717	88720		
Lerwick	005	80915	74878	12802	884//	52714	84812	88635	
Stornoway	026	70620	74012	06904	756//	01616	87642		
Benbecula	022	40715	80031	04303	45600	51713	84645		
Tiree	100	80419	62687	02403	6652/	01716	88620	88550	
Aldergrove	917	80511	56616	97502	855//	01609	83704	85707	88620
Malin Head	980	80525	66607	95604	8641/	02613	88718		
Belmullet	976	80416	66607	98903	3642/	02716	83717	88458	
Birr	965	83507	32717	96400	872//	00715	88705		
Collinstown	969	80611	61697	94302	862//	01612	83705	88709	
Rineanna	962	83410	48717	96800	872//	00717	84703	86712	88565
Roches Point	952	83217	56687	95801	873//	00718	88707		
Valentia	953	80000	62688	98101	864//	00615	88715		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	93017	00	d_od_offFF	$FFFfid_o$
London Airport	772	93007	00	d_od_oFF	d_od_oFF
Gatwick	776	01007	00	d_od_offFF	$FFFfd_od_o$
Thorney Island	871	01007	50	$id_od_od_o$	$d_od_or_os_o$
Hurn	862	97527	54	$id_os_os_o$	s_os_off
Guernsey	894	01022	02	ir_o	ir_oprpr_o
Wattisham	590	04016	50	$d_od_offir_o$	r_or_offrr
Gorleston	497	03015	01	r_or_o	$id_or_or_o$
Mildenhall	578	04016	00	$d_od_offid_o$	ffr_or_orr
Cardington	559	04507	51	FF	ffd_od_o
West Raynham	485	04506	50	d_od_off	rrffrs
Wittering	462	04507	51	d_od_off	FFddrr
Boscombe Down	746	95517	52	$d_od_oir_o$	$d_od_os_os_o$
Ross-on-Wye	627	01517		id	is_o
Bristol	628	01517		d_od_o	$d_os_os_os_o$
Aberporth	502	95517	51	$s_os_ois_o$	is_o
Rhoose (Cardiff)	715	00527	52	$s_os_oid_o$	s_os_o
Plymouth	827	01517	54	+	+
Chivenor	707	01517	51	sss_os_o	is_o
St. Mawgan	817	02517	51	$s_os_offir_o$	$irir_o$
Culdrose	809	01005	50	$is_oir_or_or_o$	$ir_or_or_o$
Scilly	804	01042		ir_o	ir_o
Elmdon	534	01507	51	d_or_o	d_od_o
Shawbury	414	01517	51	$r_os_oid_o$	d_od_o
Manchester	334	01007	50	$s_os_or_os_o$	id_o
Squires Gate	318	03006	00	$r_os_osss_os_o$	$ssr_os_od_or_o$
Valley	302	03015	50	$r_or_os_os_o$	r_or_o
Ronaldsway	204	07001	00	$r_os_or_or_o$	$r_os_or_or_o$
Carlisle	222	01015	00	$r_os_or_or_o$	$d_or_or_or_o$
Watnall	354	02517	51	$r_or_od_od_o$	$d_od_os_os_off$
Spurn Head	396	03012		r_os_odd	$d_od_or_os_o$
Finningley	360	02007	50	d_od_o	d_od_o
Dishforth	261	05006	50	s_os_o	$r_os_os_os_o$
Tynemouth	262	07022	01	rrr_or_o	r_or_odd
Eskdalemuir	162	04507	50	is_o	$is_os_os_o$
Mull of Galloway	131	05012			
Prestwick	135	01021	01	$r_os_oir_or_or_o$	r_or_o
Renfrew	141	02013	01	r_or_oss	r_or_oddss
Leuchars	171	07015	01	$ir_or_or_o$	$r_or_od_or_orr$
Dyce	091	06017	50	$ph_oprs_opr_o$	rrr_or_o
Wick	075	05012	03	pr_ophr_o	$prsprphr_o$
Cape Wrath	049	13012	01	pr_oir_o	rr
Sule Skerry	010	91031	02		
Lerwick	005	97016	51	ph_o	ph_o
Stornoway	026	97035	00	+	ir_o
Benbecula	022	97025	00	+	ir_o
Tiree	100	01011	01	ir_os_o	$ir_os_or_or_o$
Aldergrove	917	03005	50	$r_os_oir_or_or_o$	r_or_o
Malin Head	980	01021	02		
Belmullet	976	95021	00		
Birr	965	04519	51		
Collinstown	969	04015	01		
Rineanna	962	02007	51		
Roches Point	952	95005	00		
Valentia	953	92011	51		

CONVE TAB

°C to

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

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HP_H$	$Id_wd_wP_HP_H$
A	60620	33000	50408	75158	22703	39560	00400	/////	/////	05651	10421	14943
B	60565	51000	20724	69022	21404	21500	00219	82824	/////	05201	10547	1////
C	60528	35500	80940	64216	01607	3557/	00406	83638	88360	05104	16051	1////
D	60440	41000	62345	69022	90411	62500	00400	86820	/////	05304	17361	1////
I	60590	19100	50622	98038	14606	52560	00711	85825	/////	05604	10745	11154
J	60524	20000	20812	99028	05307	22500	00714	82825	/////	05851	10823	10956
K	60450	16000	81618	65215	02010	5557/	00723	85626	88460	05606	10070	10154
M	63661	01200	63428	64268	13700	69400	71215	86915	/////	06254	13338	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HP_H$	$Id_wd_wP_HP_H$
A	60620	33006	30418	75158	21603	39500	00400	/////	/////	05550	10434	1////
B	60565	51006	80724	69021	22503	855//	00305	88624	/////	05251	10646	1////
C	60528	35506	30736	65012	02106	35500	00305	83730	/////	05304	16051	1////
D	60440	41006	82531	69022	90911	825//	00602	88820	/////	05307	17361	1////
I	60590	19106	50517	98258	13305	53400	00601	85918	/////	05804	10644	10244
J	60523	19806	20615	98158	01806	22500	00618	82820	/////	06101	10634	14916
K	60451	16206	72208	60016	94713	755//	00725	87620	/////	05112	11245	10154
M	63661	01306	33330	60268	15252	39400	32104	83915	/////	06757	13349	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36934

Date of Issue Saturday 5 January 1963

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

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	82307	17687	94201	827//	00106	88705		
102	London Airport	772	82106	17715	94301	862//	00106	84704	88705	
100	Gatwick	776	72409	40105	94801	56302	50106	85706	84070	
99	Thorney Island	871	30000	28051	95401	25732	51005	82656		
97	Hurn	862	70302	17284	95251	784//	52801	83815	85820	86630
95	Guernsey	894	32613	82038	96307	28432	03000	82815		
93	Wattisham	590	90306	F9616	93501	9/0//	01803	89/01		
91	Gorleston	497	80609	56687	95601	854//	01002	88612		
90	Mildenhall	578	80602	08616	94101	872//	01803	88703		
88	Cardington	559	90404	01476	94201	9/0//	01400	89/01		
86	West Raynham	485	80408	14717	94400	871//	50801	88702		
84	Wittering	462	80608	04686	94500	871//	00801	88702		
82	Boscombe Down	746	92102	F7457	95252	9/0//	53006	89/01		
81	Ross-on-Wye	627	82102	08427	94100	8022/	50400	88505		
79	Bristol	628	80000	13027	94900	856//	51801	83704	88640	
77	Aberporth	502	80000	59227	94000	857//	52801	88650		
75	Rhoose (Cardiff)	715	81305	37102	95100	854//	51000	84708	87615	88625
73	Plymouth	827	72805	11041	94503	784//	02001	81708	86640	
72	Chivenor	707	81006	56022	94000	855//	51002	86620	88645	
70	St. Mawgan	817	72516	69258	94204	6847/	01000	82706	85812	86358
68	Culdrose	809	72708	64808	95304	734//	03002	83710	83818	87625
66	Scilly	804	73112	79028	95505	785//	02302	84825	87645	
64	Elmdon	534	90506	11687	93900	9/0//	00002	89/04		
63	Shawbury	414	83502	13687	94400	862//	00000	88704		
61	Manchester	334	80905	24707	95201	6642/	00003	86712	88540	
59	Squires Gate	318	80815	50237	95101	4552/	00400	82715	84625	88535
57	Valley	302	80709	40602	94202	6547/	01802	81614	86635	88460
55	Ronaldsway	204	80819	66607	95303	6632/	01804	82709	86712	88458
54	Carlisle	222	80711	32687	97902	6722/	01001	82703	86706	88525
52	Watnall	354	80607	05717	95000	872//	00801	88703		
50	Spurn Head	396	80912	48687	95301	7742/	01400	87710	88556	
48	Finningley	360	80306	14717	96000	872//	00001	88704		
46	Dishforth	261	80306	28717	95701	874//	50801	88717		
45	Tynemouth	262	80920	58258	98303	855//	02802	88620		
43	Eskdalemuir	162	80513	65717	99001	874//	00802	88712		
41	Mull of Galloway	131	80920	63616	96602	875//	02000	88720		
39	Prestwick	135	80512	62616	98103	8042/	01801	88517		
37	Renfrew	141	80712	32616	99802	5632/	01701	85708	88512	
36	Leuchars	171	80720	60616	00703	7732/	02803	85709	86712	88520
34	Dyce	091	80910	40637	04402	7732/	01804	82706	85707	88520
32	Wick	075	80828	61618	07002	855//	01804	86710	88620	
30	Cape Wrath	049	80730	60626	04603	874//	00716	88715		
28	Sule Skerry	010	80818	81028	08505	885//	01202	87820	88625	
27	Lerwick	005	80610	83028	11602	38477	55709	81815	83630	88275
25	Stornoway	026	70727	74026	06704	65508	02001	86624	87280	
23	Benbecula	022	80720	80607	03904	6552/	02603	86620	89545	
21	Tiree	100	80415	86217	00804	2547;	01810	82615	86556	88462
19	Aldergrove	917	80608	56687	96801	6632/	00803	81706	86709	88515
18	Malin Head	980	80525	62606	98404	864//	03808	86710	88635	
16	Belmullet	976	80614	80606	96905	6642/	02811	84717	86645	88458
14	Birr	965	80105	59706	95501	874//	01803	88710		
12	Collinstown	969	80708	59607	94103	863//	01704	84709	88712	
10	Rineanna	962	83406	56237	95501	8714#	01808	84703	88706	
9	Roches Point	952	83311	74027	94702	7732/	01805	87709	88459	
7	Valentia	953	70000	66027	96503	784//	02808	83818	87640	

OBSERVATIONS at 18h. 4 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	70000	14027	94902	7093/	50202	87358		
772	72402	37037	94900	755//	50206	87620		
776	12002	37111	95051	10931	52101	81360		
871	10601	17050	95251	10932	52400	81364		
862	00000	01484	95254	00900	55801			
894	72115	81028	96505	4843/	02701	83812	84625	87360
590	92509	04717	94200	9/0//	00102	89/02		
497	80502	56687	93802	854//	50401	88612		
578	80000	03717	94500	871//	00103	88702		
559	82305	11717	94201	872//	00003	88705		
485	80305	07717	94000	870//	00702	88701		
462	90504	05717	94950	9/0//	50302	89/02		
746	60000	09424	95552	35501	53104	81710	83620	86072
627	80000	17102	94450	863//	50303	88706		
628	71102	13102	94851	3563/	51400	8364-	87359	
502	81604	48022	93701	3577/	51801	83650	88460	
715	71005	32102	94850	854//	50301	84614	87625	
827	32306	40041	94104	35600	02400	83640		
707	80907	58026	93502	857//	01400	84715	88656	
817	71902	62032	93802	5243/	01702	82712	85821	87360
809	82906	66808	94604	5842/	02402	83818	83640	88459
804	83011	81028	93805	784//	01703	83815	87625	
534	90605	09717	94100	9/0//	00102	89/03		
414	80604	13717	94900	862//	50202	88703		
334	81005	22717	95201	6542/	50102	83712	86616	88530
318	80608	19717	95301	5552/	00002	85622	88535	
302	80605	11687	94201	854//	01203	88617		
204	80816	62687	95403	5632/	01104	81708	85712	88520
222	80509	32587	98402	5732/	00307	82709	85713	88525
354	90702	02717	94950	9/0//	50400	89/01		
396	80905	10737	95001	874//	00702	88710		
360	80106	06737	95600	872//	00400	88703		
261	83605	20687	96201	873//	00602	88707		
262	80922	66616	97302	8042/	01603	88524		
162	80612	40717	98600	874//	50101	88710		
131	80918	66616	96702	873//	01203	88706		
135	80611	60586	97502	3742/	01201	83710	88530	
141	80713	37586	99302	7622/	01401	83705	85707	87509
171	80622	60618	00403	4742/	01201	84710	88530	
091	80811	58607	03602	856//	00602	83710	85716	88635
075	70819	00026	05102	656/8	52604	86645	87270	
049	80537	83026	04003	874//	03716	88715		
010	80818	81028	07404	6351/	01702	86920	88460	
005	70815	66278	08902	7341/	50610	85912	86632	
026	80620	66016	06104	35507	00102	83628	88270	
022	70722	82216	03204	3547/	00303	83616	87459	
100	80314	82606	00604	4551/	00202	84622	88458	
917	80810	56617	96402	6632/	01602	86706	88513	
980	80725	58616	98004	6632/	03302	86708	88535	
976	80911	69606	95903	864//	02704	88719		
965	80306	48707	94501	874//	00000	88710		
969	81006	48606	94003	863//	03301	83707	88709	
962	83605	56105	94501	872//	01702	86704	88705	
952	83609	62022	94002	863//	01502	88707		
953	70903	66022	94703	5843/	01604	81818	85640	87359

OBSERVATIONS during DAY

iii	RRT T L x x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	91027	014	$id_0ffr_0s_0s_0s_0$ +	
772	92017	007	$d_0d_0is_0r_0s_0$ +	
776	00027	029	+	+
871	00037	051	+	+
862	97507		ffFF	ffFF
894	04072	026	pr_0	$pr_0h_0prpr_0$
590	04016		$d_0d_0iFr_0s_0$	$s_0s_0iFs_0s_0$
497	05035	000	$r_0r_0r_0s_0$	$ir_0ss_0s_0$
578	05026	000	rrd_0d_0	$r_0s_0sss_0s_0ff$
559	03017	000	$FFid_0is$	ffs_0s_0
485	06007	000	rss_0s_0ifss	sss_0s_0ff
462	05017	000	$rrffr_0s_0ss$	$ssffs_0s_0$
746	00507	002	iFFFff	ffFF
627	00007	000	ff	ifF
628	97017	000	is_0if	+
502	97017	000	is_0	is_0
715	00007	000	+	+
827	00057	028	+	+
707	91027	000	ir_0	r_0r_0
817	91056	002	pr_0	pr_0
809	01055	001	pr_0	pr_0
804	01051	000	pr_0	pr_0
534	05017	000	$if s_0s_0$	$if sss_0s_0$
414	03017	000	$d_0d_0r_0s_0s_0s_0ss_0s_0$	
334	01017	000	s_0s_0	$r_0s_0s_0s_0if$
318	01026	000	$d_0s_0d_0d_0s_0s_0$	s_0s_0ssif
302	02021	000	$ir_0r_0r_0$	$r_0r_0r_0s_0$
204	01031	000	$r_0r_0r_0s_0$	$r_0r_0r_0s_0$
222	02025	000	$r_0s_0r_0r_0$	$ir_0d_0r_0$
354	04017	000	s_0s_0ff	s_0s_0ff
396	04017	000	r_0s_0ss	sss_0s_0
360	05017	000	s_0s_0	s_0s_0ssff
261	03017	000	$s_0s_0is_0$	$is_0r_0s_0d_0s_0$
262	04032	000	$d_0d_0pr_0$	$r_0r_0ir_0$
162	03017	000	$is_0s_0s_0ss$	sss_0s_0
131	05032			
135	02031	000	$r_0r_0d_0r_0dr$	$d_0r_0drr_0s_0$
141	05032	000	r_0r_0	d_0r_0
171	07045	000	$r_0r_0pr_0h_0$	r_0r_0
091	09037	000	$rrrsr_0r_0$	$r_0s_0rsir_0$
075	02032	000	prr_0r_0	r_0r_0
049	01042		r_0r_0	+
010	96052			
005	94036	000	ph_0	$pr_0s_0ph_0$
026	92051	000	$ir_0r_0r_0$	ir_0
022	97055	000	$r_0r_0ir_0s_0$	ir_0
100	92051	000	$r_0r_0ir_0$	$id_0r_0r_0r_0r_0$
917	06025	000	$r_0r_0r_0s_0$	r_0r_0
980	0405	000		
976	0205	000		
965	9401	000		
969	0203	000		
962	9402	000		
952	9402	000		
953	9604	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33012	50826	75158	24404	39560	00218	/////	/////	05451	10836	1////
B	60565	51012	70725	69022	25904	75500	00114	87625	/////	05100	10747	1////
C	60528	35512	60535	69021	02507	52571	00303	85820	/////	05203	10949	1////
D	60440	41012	72720	69008	88011	62501	00400	86820	/////	05405	12458	1////
I	60590	19512	50522	98258	12806	51400	80105	85618	/////	05704	10544	10244
J	60523	19712	70912	97258	00107	7341/	00504	87918	/////	06003	10934	11046
K	60450	16112	72614	58256	91812	78300	00712	86806	84626	05112	12533	1////
M	63659	01712	83424	50861	15354	894//	81003	88910	/////	06855	13449	1////

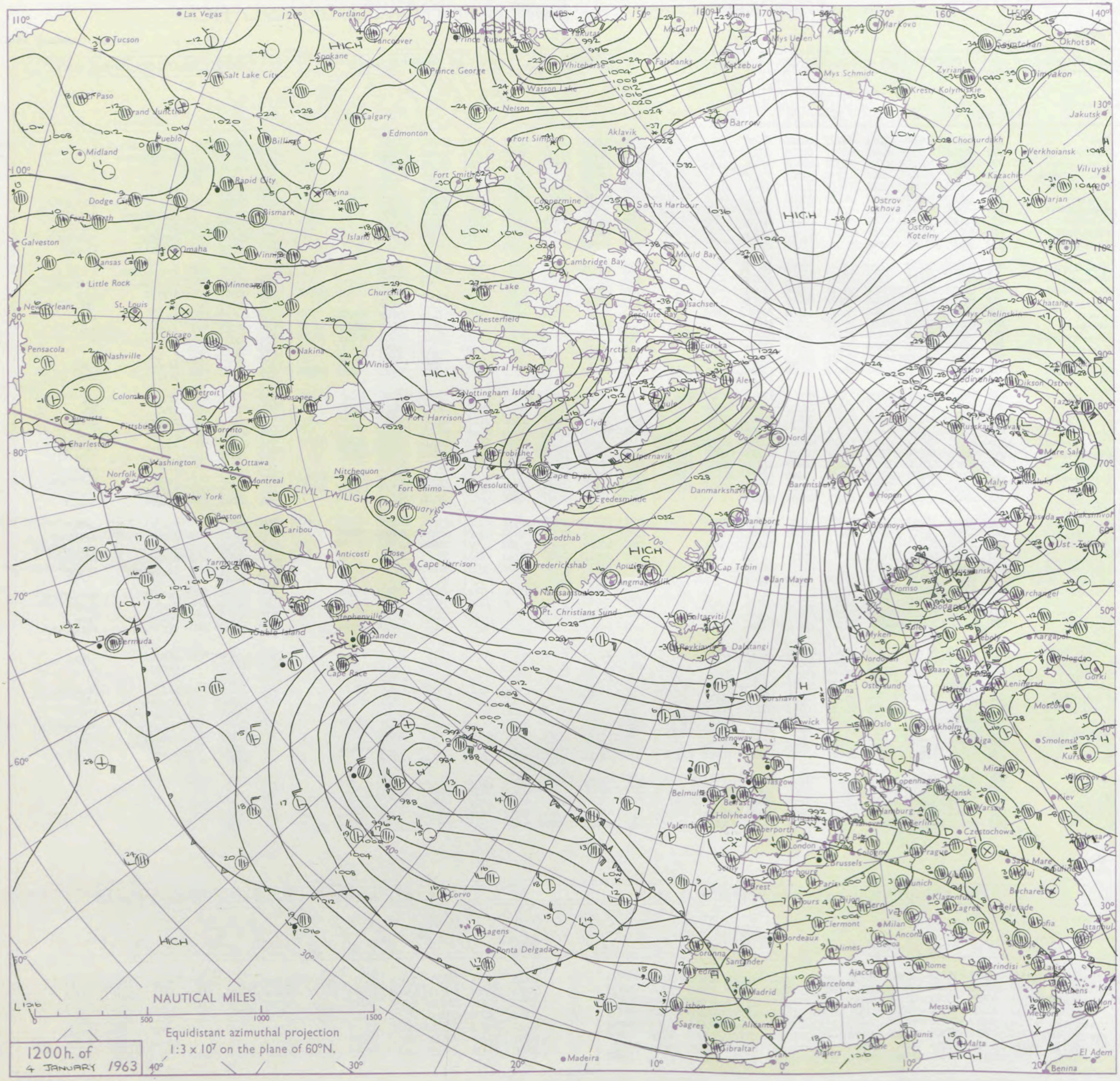
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60621	33318	50421	75158	24503	49560	00608	/////	/////	05652	10445	1////
B	60565	51018	60723	69021	28003	6451/	00314	86625	/////	05253	10747	1////
C	60528	35518	40534	69158	01607	43501	00303	84920	/////	05203	10949	1////
D	60440	41018	63220	69008	86210	68500	00500	84820	/////	05407	17562	13043
I	60592	19618	60630	96888	12605	6941/	20213	86918	/////	05904	10357	10568
J	60524	19818	30516	98020	98007	38501	00500	82825	/////	04603	10323	13635
K	60451	16018	72828	60808	92313	7951/	00120	85920	83636	05110	12748	12256
M	63660	01718	43525	65018	12254	49400	00617	84910	/////	06958	13449	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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5
6
7 or more
8
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shower
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shower
shower
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IND
Wind
speed
(knots)
Calm
1–2
3–7
8–12
13–17
additional
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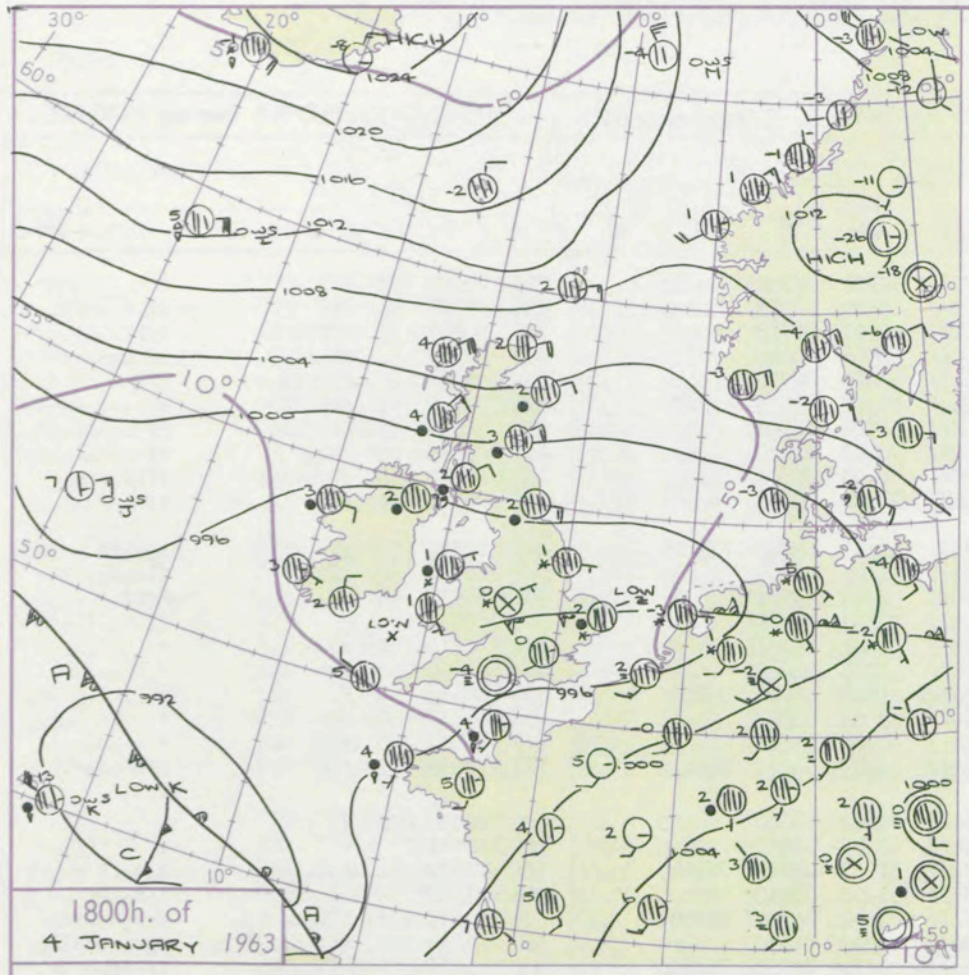
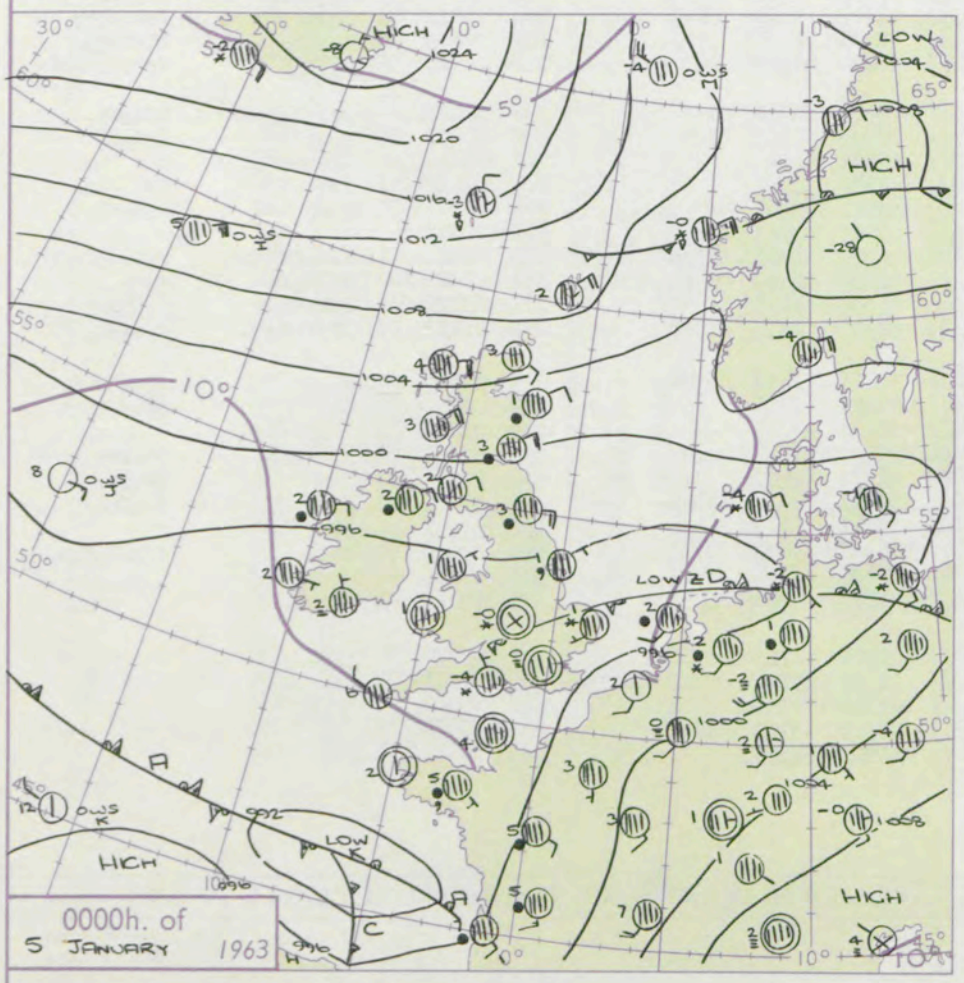
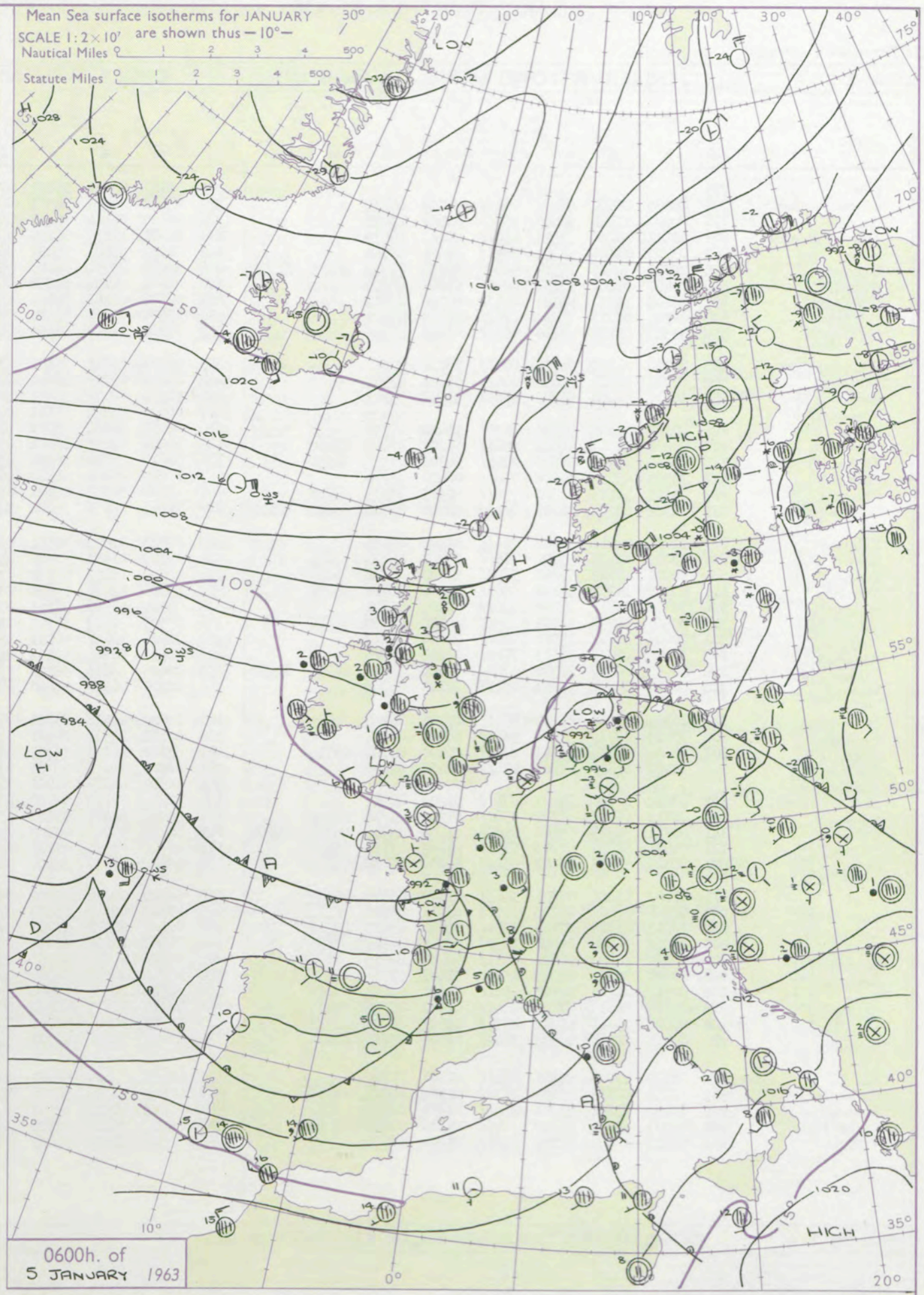
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 5 January 1963

Since yesterday there has been a steady though rather slow eastward progression of depression centres in the low pressure belt extending from the southwest Atlantic to northwest Europe. The Atlantic depression will decelerate and move to a position off northwest Spain preceded by a temporary build of pressure over the British Isles following the passage northeast of the shallow depression over France. Colder air will penetrate south over northern areas of Britain but an Atlantic trough will probably move close to southwest Britain tomorrow.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Cold in all parts with frost in many areas especially in the north where frost will persist throughout in some areas of Scotland. Showers in northern and central districts turning mainly to snow and becoming confined chiefly to coastal districts of north and east Britain. Rain or sleet will probably affect parts of the south.

OUTLOOK for following 24 hours

Continuing cold with occasional snow or rain, chiefly in the east and south of Britain.

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

Code FM 11.A

OBSERVATIONS at 00h. 5 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			00					
London Airport	772	60000	06464	95400	664//	51203	86711		
Gatwick	776	70000	11204	95553	754//	54102	87613		
Thorney Island	871	60401	10210	95351	656//	51601	86633		
Hurn	862	83503	03664	95454	873//	55601	88706		
Guernsey	894	70000	74028	95504	5847/	02808	81815	85625	87360
Wattisham	590	82407	09467	95151	8097/	51003	88359		
Gorleston	497	82405	24717	95101	854//	00206	88612		
Mildenhall	578	82703	04717	95200	871//	00302	88702		
Cardington	559	82305	14107	95100	863//	50003	88706		
West Raynham	485	80000	06717	94850	871//	50002	88702		
Wittering	462	80202	10717	95451	861//	51001	88702		
Boscombe Down	746	90000	14454	95352	9/0//	53802	89/01		
Ross-on-Wye									
Bristol	628	80305	11102	95250	863//	50400	88706		
Aberporth	502	80000	48017	94401	5561/	51201	85645	88460	
Rhoose (Cardiff)	715	80808	19102	94800	2745/	50802	82710	88358	
Plymouth	827	70503	23040	94200	756//	00400	87630		
Chivenor	707	70906	58022	93801	756//	50301	83635	87644	
St. Mawgan	817	81702	62258	94002	864//	02801	83704	85810	88630
Culdrose	809	72901	69018	94604	756//	01302	87635		
Scilly	804	73009	81028	93806	785//	01400	84825	87645	
Elmdon	534	90000	12707	95050	9/0//	51203	89/02		
Shawbury	414	80000	19767	95451	856//	51101	83715	88635	
Manchester	334	90000	01717	95800	9/0//	51102	89/01		
Squires Gate	318	80506	32237	95901	855//	00000	84620	88650	
Valley	302	80607	19027	95001	854//	01400	88619		
Ronaldsway	204	70510	62617	96203	764//	01201	87712		
Carlisle	222	80406	48617	98302	6742/	00400	84712	86718	88557
Watnall	354	80000	08447	95751	872//	51103	88705		
Spurn Head	396	80704	48217	95201	864//	01400	88710		
Finningley	360	93503	05717	95800	9/0//	00400	89/01		
Dishforth	261	83606	32507	96301	873//	00000	86706	88715	
Tynemouth	262	80921	61616	97503	874//	02400	88710		
Eskdalemuir									
Mull of Galloway	131	80922	71606	97801	874//	01203	88710		
Prestwick	135	80711	64027	98202	856//	01202	81710	88632	
Renfrew	141	80711	50585	99902	854//	01400	83706	85710	88614
Leuchars	171	80621	58636	00703	873//	01002	83706	88714	
Dyce	091	80511	56617	04101	854//	50202	85710	88615	
Wick	075	61109	83022	05703	3563/	01805	83640	86362	
Cape Wrath	049	80524	83602	06803	875//	02211	88720		
Sule Skerry	010	70013	81028	07103	3351/	02400	83920	87460	
Lerwick	005	70322	74270	08302	733//	53707	82909	87635	
Stornoway	026	80820	74022	06604	3561/	53601	83630	88462	
Benbecula	022	70620	74022	04003	15506	51101	81625	87270	
Tiree	100	80410	82216	01503	2541/	51001	82618	88459	
Aldergrove	917	80712	56616	97602	854//	01302	84703	88613	
Malin Head	980	80624	59615	98904	873//	03305	83706	88712	
Belmullet	976	80811	61615	96502	3642/	01302	83716	88458	
Birr	965	80305	48284	95101	864//	01101	88710		
Collinstown	969	80812	56616	95103	863//	02104	85707	88710	
Rineanna	962	80402	27102	95001	856//	01302	88630		
Roches Point	952	83303	56102	94302	54//	01500	83711	88450	
Valentia	953	80903	66022	94502	856//	01702	88635		

OBSERVATIONS at 06h. 5 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	83603	56022	95102	873//	50701	88708		
772	83602	40052	94901	862//	00500	88705		
776	80000	08444	95051	862//	52201	88704		
871	80101	19214	94700	856//	50500	88640		
862	80000	03486	95252	861//	53400	88702		
894	50000	83031	95103	35630	02302	83635	84360	
590	82601	28104	94952	863//	52602	88709		
497	82902	05447	96101	954//	00202	88612		
578	93501	01457	95300	9/0//	00400	89/01		
559	82204	32022	95150	863//	51000	88709		
485	80000	13717	95151	5722/	51301	85703	88522	
462	80000	08707	95651	861//	51302	88702		
746	91201	02434	95351	9/0//	51504	89/01		
627	80000	08454	95551	862//	52303	88704		
628	80206	10102	95651	863//	51304	88706		
502	80000	40022	94801	856//	51205	88645		
715	80610	35052	95050	854//	51301	85706	88615	
827	80000	28102	94200	856//	00502	88643		
707	80806	58022	94101	856//	50302	88649		
817	71705	66258	94002	764//	02203	84813	87640	
809	83003	74022	94604	856//	01400	88640		
804	83109	81031	94306	856//	01305	88642		
534	80000	17107	95351	872//	51203	85703	88706	
414	83603	09227	95951	864//	51202	88613		
334	80104	11517	96101	871//	01004	83702	88708	
318	80307	32687	96501	856//	00305	88630		
302	80506	19607	96001	4557/	01210	84620	88460	
204	80511	58586	97102	3551/	01307	81711	83623	88460
222	80408	58616	99102	856//	01305	88635		
354	80000	06717	95850	872//	50204	88705		
396	80000	16515	95201	864//	01400	88710		
360	80108	24517	96001	872//	00303	88703		
261	83607	66016	96701	856//	00301	88648		
262	80720	58696	98303	874//	01304	88712		
162	80804	48717	00001	874//	50202	88709		
131	80916	80216	98502	4741/	01203	84715	88460	
135	80517	60587	99402	5557/	00207	82715	83622	88458
141	70713	59046	00902	754//	52206	81708	85614	87630
171	20521	80016	01703	25600	54205	82630		
091	80406	59877	04002	884//	00300	84615	88622	
075	50520	74016	06202	3563/	53305	83630	85360	
049	80537	60848	05303	874//	00400	88715		
010	80216	66038	07403	874//	00206	88715		
005	20120	82278	08052	28400	55703	81815		
026	10727	74016	06703	15600	01303	81640		
022	70716	74032	04404	3563/	51205	83635	87359	
100	80716	86035	03003	5542/	55211	85610	88458	
917	80714	56617	98502	862//	01208	86705	88712	
980	80629	50616	99704	873//	23004	85708	88712	
976	80711	61606	96902	3642/	01303	83716	88458	
965	80407	66027	95701	864//	01101	88713		
969	80909	58616	96102	863//	01206	83706	87709	88713
962	80303	40505	95601	863//	01306	88708		
952	83503	56102	94703	855//	01303	83720	88633	
953	81003	66022	94801	856//	01304	88635		

OBSERVATIONS during NIGHT

iii	RRT $_nT_hE$	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
775	00007	53	+	+
772	00507	51	ff	if
776	00567	57	FFff	ffFF
871	97527	56	pr_0if	ifir_0
862	91557	55	ffFFrs	ffFF
894	93032	51	pr	+
590	00527	53	ff	FF
497	01015	00	s_0s_0	ff
578	93507	50	$s_0s_0$ffFF	ffFF
559	00517	50	+	if
485	02517	51	$s_0s_0$ff	$s_0s_0$ff
462	01517	52	$s_0s_0$ff	ffs_0s_0
746	97537	54	FF	FFff
627	00527		FF	ff
628	00517	52	+	+
502	97007	53	is_0	+
715	00517	51	+	+
827	97517	52	pr_0	+
707	00017	00	+	+
817	01025	01	pr_0	$pr_0d_0r_0$
809	00031	02	+	+
804	00051		+	+
534	01517	51	s_0s_0	$s_0s_0$ff
414	01517	52	s_0s_0ss	$s_0s_0$ff
334	02517	51	$ssr_0s_0s_0s_0$	ssd_0d_0
318	01005	00	$ssifr_0s_0d_0r_0$	$d_0r_0rrssir_0$
302	94011	50	$r_0s_0is_0$	is_0ir_0
204	01021	01	$r_0s_0r_0r_0$	$r_0r_0d_0r_0$
222	01015	50	$r_0s_0r_0r_0$	$ir_0r_0r_0$
354	01517	52	$s_0s_0$ff	$s_0s_0d_0d_0$ff
396	02002		$s_0s_0d_0d_0$dd	ddd_0d_0
360	02007	50	$s_0s_0$ff	$d_0d_0$ff
261	95016	50	$d_0s_0d_0r_0$	+
262	06022	01	rs	rs
162	01507	51	s_0s_0	$s_0s_0$ss
131	02012			
135	92021	01	$r_0s_0$rs	$r_0s_0d_0r_0$dr
141	92021	00	$id_0d_0r_0$	r_0r_0
171	03025	01	rrr_0r_0RR	pr_0ph_0
091	01017	51	$ir_0r_0r_0$	$r_0s_0ph_0$
075	92011	50	+	ir_0ph_0
049	02013	00	ir_0	pr_0s_0
010	02021	02		
005	91536	55	$pr_0h_0ph_0$	ph_0ps_0
026	02031	51	ir_0	ir_0pR
022	97035	01	+	pr_0s_0
100	97031	01	$r_0r_0id_0$	+
917	03015	00	r_0r_0	$r_0s_0r_0r_0d_0r_0$
980	07021	02		
976	02021	01		
965	97006	00		
969	05021	02		
962	97005	00		
952	00015	01		
953	00011	01		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33000	80311	70858	24401	89500	00801	/////	/////	06052	10345	1////
B	70565	51000	40216	69011	28402	45500	00603	84825	/////	05354	10747	1////
C	70528	35500	50527	69801	02007	52500	00310	85822	/////	05304	10749	1////
D	70440	41000	43625	63258	94213	42500	00131	84020	/////	05507	13159	1////
I	70591	19200	60635	98038	11205	63500	21716	82920	84825	05802	15640	10958
J	70525	20000	10915	99020	96808	11500	00706	81825	/////	05501	10723	10434
K	70451	15800	22808	65038	95612	25500	00113	81620	/////	05210	12455	13056
M	73658	01800	63123	70038	10354	69400	81723	86915	/////	06955	13449	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	70621	33306	80214	70028	22301	86511	00607	/////	/////	05854	10233	1////
B	70565	51006	73413	65261	26502	75500	00798	87625	/////	05352	10336	1////
C	70528	35506	30524	69028	03406	32500	00207	83820	/////	05303	10749	1////
D	70440	41006	13623	65010	99513	11500	00231	81820	/////	05107	13259	1////
I	70591	19006	10631	97011	11806	15600	31001	81630	/////	05802	10658	10858
J	70524	19806	20917	90016	94308	22500	00711	82020	/////	05403	10933	11915
K	70450	16206	81620	62606	90813	5557/	00835	85626	88360	00012	10010	12455
M	73659	02006	80230	20058	07353	89411	11152	88910	/////	06654	10222	10822

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36935 — Date of Issue Sunday 6 January 1963

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

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$
Kew	775	80209	48022	97401	863//	51400	88708		
London Airport	772	83608	22042	97401	863//	51003	88709		
Gatwick	776	80000	06434	96901	872//	01104	88704		
Thorney Island	871	70106	20052	97601	756//	01310	81709	85630	87656
Hurn	862	83505	09424	98400	871//	00213	88702		
Guernsey	894	72703	80022	97906	685//	03111	81825	86650	
Wattisham	590	83106	29104	97350	862//	51105	86703	88705	
Gorleston	497	82703	05704	97301	854//	C0205	88612		
Mildenhall	578	83102	04717	97700	871//	00105	88702		
Cardington	559	80000	19227	97700	854//	50006	86706	88612	
West Raynham	485	83002	07717	97400	854//	50006	87701	88618	
Wittering	462	90000	02477	98000	9/0//	00107	89/01		
Boscombe Down	746	80101	40024	98400	862//	50108	88703		
Ross-on-Wye	627	83402	08424	98250	862//	50108	88704		
Bristol	628	80404	23042	98951	864//	52208	88710		
Aberporth	502	80903	40052	98101	856//	51109	81710	88640	
Rhoose (Cardiff)	715	80909	19052	98700	862//	50010	81703	86705	88712
Plymouth	827	80605	11602	97503	854//	01111	83615	88650	
Chivenor	707	71206	40052	97302	756//	00110	87645		
St. Mawgan	817	81505	59026	97403	3242/	02114	83818	88459	
Culdrose	809	70000	60052	97705	784//	03213	81710	87635	
Scilly	804	72706	81022	97507	784//	02108	81815	87635	
Elmdon	534	93602	04687	98100	9/0//	00108	89/02		
Shawbury	414	80103	19237	98701	862//	00109	88704		
Manchester	334	80608	28025	99001	855//	50212	85712	88620	
Squires Gate	318	70508	37617	99702	5567/	01211	82712	85640	87460
Valley	302	80610	59216	99403	36427	01212	83712	84460	88268
Ronaldsway	204	80614	60586	00403	6732/	02115	82708	86711	88459
Carlisle	222	80512	69026	02603	2557/	52110	81715	88459	
Watnall	354	80000	09427	98300	872//	51108	88705		
Spurn Head	396	80510	58505	97902	855//	01211	88620		
Finningley	360	80108	40605	98801	855//	01109	85620	88635	
Dishforth	261	80107	63617	99802	6542/	00009	81710	86618	88458
Tynemouth	262	80624	74028	01303	3152/	52114	83820	88458	
Eskdalemuir	162	80506	66387	03200	45517	53111	84623	83457	
Mull of Galloway	131	80922	78606	01802	875//	00212	88720		
Prestwick	135	80310	58046	02902	7557/	50215	81625	87640	
Renfrew	141	80709	35216	04302	7642/	01212	83618	84625	86630
Leuchars	171	70115	74028	04302	18536	52109	81820	85358	87270
Dyce	091	70207	74268	06702	784//	53208	83818	86635	
Wick	075	70520	74268	09201	4953/	51209	84920	86359	
Cape Wrath	049	60537	81858	09400	635//	00214	86920		
Sule Skerry	010	60213	66168	10301	5357/	53219	85920	86360	
Lerwick	005	40222	80268	09853	49400	56205	81912	84816	
Stornoway	026	70417	66878	10303	724//	53117	87816		
Benbecula	022	70718	74158	08203	38542	53115	82818	87070	
Tiree	100	80623	86012	05805	2557/	53110	81625	83359	88462
Aldergrove	917	80716	58586	01902	854//	01113	86708	88612	
Malin Head	980	80831	74606	03404	5842/	52110	83815	85630	88458
Belmullet	976	80916	74605	99903	7642/	02010	83713	87718	88458
Birr	965	80507	61606	99001	874//	01112	88713		
Collinstown	969	80914	62606	99203	863//	02209	82707	86712	88620
Rineanna	962	80804	32105	98302	862//	01212	82705	86707	88710
Roches Point	962	80708	40505	97503	864//	02110	88712		
Valentia	953	80605	66022	96904	856//	00011	88633		

OBSERVATIONS at 18h. 5 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$
Kew	775	83203	23022	00201	863//	51214	88707		
London Airport	772	83102	28042	00401	862//	51218	85705	88707	
Gatwick	776	80101	23104	00200	863//	51217	88707		
Thorney Island	871	80102	06464	00500	862//	51119	88705		
Hurn	862	83605	19102	00700	862//	51215	88705		
Guernsey	894	70000	78028	00104	3573/	02213	83656	87358	
Wattisham	590	83303	09467	99550	870//	50115	88701		
Gorleston	497	83004	11517	99101	854//	01215	88613		
Mildenhall	578	93202	03687	99900	9/0//	00215	89/02		
Cardington	559	83405	09424	00301	862//	01216	88703		
West Raynham	485	70310	56217	00001	756//	01220	83710	87635	
Wittering	462	80107	28104	00701	854//	50118	88619		
Boscombe Down	746	80000	20102	01051	856//	51214	86702	88630	
Ross-on-Wye	627	80601	04444	00600	862//	00215	88704		
Bristol	628	80304	19042	01200	863//	51214	85706	88712	
Aberporth	502	80902	58032	00001	856//	51313	82715	88640	
Rhoose (Cardiff)	715	80906	14102	00601	862//	00211	88705		
Plymouth	827	70707	19046	99402	754//	01211	83618	87635	
Chivenor	707	81107	37052	99402	854//	00213	86610	88640	
St. Mawgan	817	71205	50028	99102	784//	02213	81818	87640	
Culdrose	809	50401	69112	99204	58400	02209	81810	85656	
Scilly	804	42303	83028	98507	41400	02308	84815		
Elmdon	534	80105	15287	00701	872//	00218	84704	88707	
Shawbury	414	80102	23042	01801	856//	00216	82706	87708	88640
Manchester	334	80205	08685	01801	872//	00218	85704	88712	
Squires Gate	318	80807	56237	02501	855//	51218	83710	88625	
Valley	302	80510	56606	02003	5542/	01214	85615	88458	
Ronaldsway	204	80514	74606	03402	3551/	50322	83620	88460	
Carlisle	222	80614	63216	05502	6561/	50325	82714	86635	88458
Watnall	354	80000	23104	01301	8092/	00217	88459		
Spurn Head	396	80516	57687	00502	864//	01216	88710		
Finningley	360	80208	40517	02101	872//	00220	85704	88710	
Dishforth	261	70308	74036	02701	756//	51217	86638	87656	
Tynemouth	262	70523	74028	03904	755//	51213	87625		
Eskdalemuir	162	80506	62027	05800	874//	51217	88710		
Mull of Galloway	131	80822	60606	03402	874//	01206	88710		
Prestwick	135	80517	62026	05302	15617	52316	81630	84462	88275
Renfrew	141	80609	56042	06902	25507	54219	82625	88270	
Leuchars	171	80216	66028	07301	5853/	51319	82820	84635	88358
Dyce	091	70210	56858	09100	784//	53212	81712	84815	86635
Wick	075	10616	82018	10650	12500	50208	81820		
Cape Wrath	049	70537	81858	10801	734//	00213	87915		
Sule Skerry	010	30513	74018	11301	35500	56208	83625		
Lerwick	005	30622	83038	10751	32400	54308	83816		
Stornoway	026	60722	80268	11501	634//	52109	83918	86635	
Benbecula	022	70817	83028	09802	12502	52307	81820	87070	
Tiree	100	80517	89022	08002	15607	54211	81625	88272	
Aldergrove	917	80714	58686	04301	4542/	00214	83707	84615	88458
Malin Head	980	80830	80217	05504	4847/	53213	83816	84635	88459
Belmullet	976	80921	74606	02102	6642/	01214	83712	86718	88459
Birr	965	80408	66026	00801	864//	00212	86712	88632	
Collinstown	969	80813	69606	01503	864//	00214	83716	88640	
Rineanna	962	80908	59102	99903	864//	01213	84714	88630	
Roches Point	952	80714	58216	98503	5542/	02209	81710	85637	88458
Valentia	953	71110	74026	97205	756//	02207	87635		

OBSERVATIONS during DAY

Station	iii	RRTxTE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00026	000	+	+
London Airport	772	00017	000	+	+
Gatwick	776	00017	000	ff	ff
Thorney Island	871	00027	000	+	ff
Hurn	862	00017		ff	+
Guernsey	894	93061	000	pr_0	pr_0
Wattisham	590	97006		FFif	$is_0ifffd_0d_0$
Gorleston	497	01035	000	ffs_0s_0	d_0d_0
Mildenhall	578	92017	000	ffs_0s_0	$ffr_0s_0d_0d_0$
Cardington	559	97017	000	$ffis_0f$	$ffid_0$
West Raynham	485	01017	000	$s_0s_0ffis_0$	$id_0ir_0s_0r_0r_0$
Wittering	462	97017	000	s_0s_0ff	+
Boscombe Down	746	00007	000	ff	+
Ross-on-Wye	627	00017	000	FFff	if
Bristol	628	00017	000	+	+
Aberporth	502	00027	000	+	+
Rhoose (Cardiff)	715	00017	000	+	+
Plymouth	827	91036	000	r_0r_0	+
Chivenor	707	00026	000	+	+
St. Mawgan	817	96045	000	$d_0r_0ir_0pr_0$	+
Culdrose	809	00060	000	+	+
Scilly	804	97071	003	pr	+
Elmdon	534	93017	000	$ffir_0s_0if$	ff
Shawbury	414	92017	000	$s_0s_0ffr_0s_0$	r_0s_0
Manchester	334	95027	000	id_0	$id_0r_0s_0$
Squires Gate	318	02035	000	$d_0s_0r_0r_0r_0s_0$	r_0s_0
Valley	302	91031	000	ir_0	$ir_0r_0r_0$
Ronaldsway	204	02031	000	$d_0r_0r_0r_0$	$ir_0r_0r_0$
Carlisle	222	97035	000	ir_0	r_0r_0
Watnall	354	93017	000	d_0d_0ff	$is_0s_0s_0$
Spurn Head	396	96032	000	$d_0d_0r_0s_0$	rs
Finningley	360	94027	000	r_0r_0	r_0s_0
Dishforth	261	01026	000	$ir_0r_0r_0r_0s_0$	$ir_0r_0r_0$
Tynemouth	262	94041	000	$rspr_0$	pr_0
Eskdalemuir	162	02017	000	$sssksis_0s_0s_0$	s_0s_0
Mull of Galloway	131	01032			
Prestwick	135	97031	000	r_0r_0	+
Renfrew	141	97041	000	d_0r_0	+
Leuchars	171	04035	000	$pho_0pr_0pr_0s_0ps$	ps_0
Dyce	091	97026	001	$pr_0s_0ps_0$	ps_0
Wick	075	94035	001	ps_0	ps_0
Cape Wrath	049	91035		ps_0ps	ps_0ps
Sule Skerry	010	92036			
Lerwick	005	91006	030	ps_0	ps_0
Stornoway	026	94045	000	pho_0	pho_0ps_0
Benbecula	022	97045	000	$pr_0s_0pho_0r_0ps_0$	+
Tiree	100	00051	000	jp	+
Aldergrove	917	02035	000	$d_0r_0ir_0$	$ir_0id_0r_0s_0$
Malin Head	980	0205	000		
Belmullet	976	0103	000		
Birr	965	9702	000		
Collinstown	969	0203	000		
Rineanna	962	9703	000		
Roches Point	952	9704	000		
Valentia	953	9705	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	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33012	33408	75012	21502	35500	00000	/////	/////	05754	13433	1////
B	70565	51012	53613	69031	25402	55500	00707	85625	/////	05452	10144	1////
C	70528	35512	60222	69028	05407	24502	00314	82622	860//	05103	10449	1////
D	70440	41012	30225	69020	02813	38500	00220	82825	/////	05409	10257	1////
I	70590	18712	70631	97258	12204	7941/	02801	81812	87915	06102	10659	10758
J	70525	19612	60615	98808	94008	59402	00705	81915	84820	05404	10634	14975
K	70451	16212	82022	58626	86813	8531/	00708	84710	88620	05111	11835	12354
M	73660	01912	53526	70158	08651	59400	81002	84910	/////	06460	13549	1////

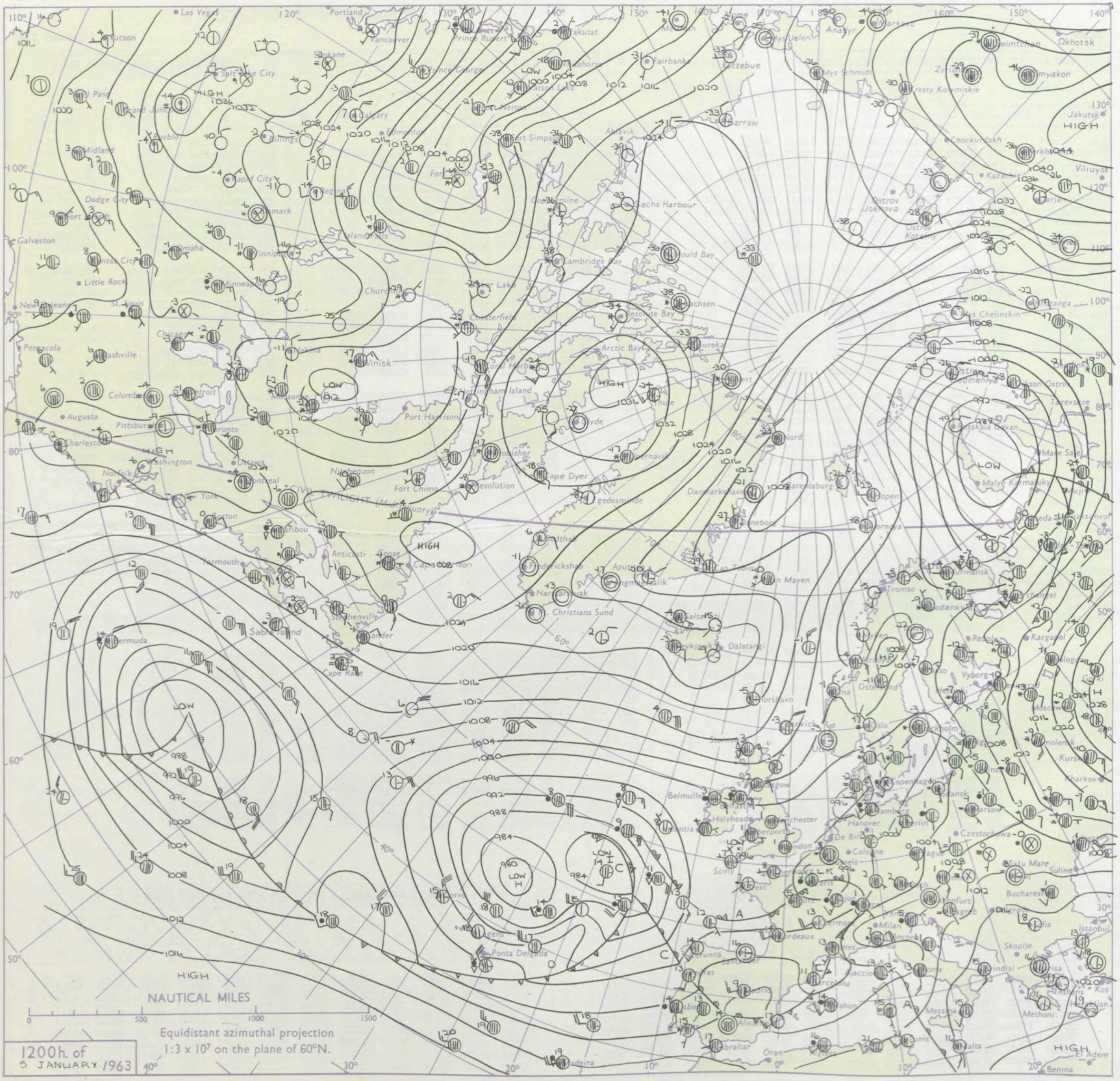
Code FM 21.A — OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33218	42812	00021	19202	45500	00713	/////	/////	05755	12822	14943
B	70565	51018	53412	72151	21902	52500	00515	85825	/////	05551	10244	1////
C	70528	35518	60216	69021	05107	62401	00500	85815	/////	05104	10649	1////
D	70440	41018	20218	69021	02412	21501	00503	82825	/////	05306	10127	1////
I	70590	18218	60924	97028	12105	4813/	11502	82820	83640	05752	10858	10658
J	70524	19618	30718	98258	92308	39500	00000	81920	82820	05605	10745	10358
K	70451	16018	22013	70016	85113	00942	00305	81363	/////	05111	12354	11843
M	73660	01918	53422	70268	09550	59400	00002	82815	83915	06456	13549	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

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

SCALE 1:2×10⁷

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

1800h. of 5 JANUARY 1963

0000h. of 6 JANUARY 1963

0600h. of 6 JANUARY 1963

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 6 January 1963

The eastward movement of depressionscontinues in southern latitudes and the depression west of Biscay this morning will transfer to France as a weakening system while a breakaway moves into the Mediterranean. The ridge to north of Scotland will drift south-east and extend to the Baltic maintaining an easterly airflow over most areas of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Very cold in almost all areas with frost tonight in many parts except extreme south. Persistent frost over high ground from Wales northwards and some low lying districts of northern Scotland. Scattered snow showers in the north and east and occasional rain or snow in some southern districts of England.

OUTLOOK for following 24 hours

No major change.

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

Code FM 11.A

OBSERVATIONS at 00h. 6 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			02					
London Airport	772	80105	20052	02401	862//	00002	88704		
Gatwick	776	70000	19102	02250	762//	50101	87704		
Thorney Island	871	70102	11284	02600	756//	51003	85706	87640	
Hurn	862	70402	14102	02651	655/1	51004	86625	87075	
Guernsey	894	22402	74011	01004	21540	02502	82820		
Wattisham	590	83506	23105	02700	854//	00213	85614	88640	
Gorleston	497	83507	62025	02403	855//	02212	88622		
Mildenhall	578	80204	48017	03101	856//	00212	88635		
Cardington	559	80106	28102	03101	856//	00216	85705	88644	
West Raynham	485	80312	58687	03201	855//	00115	83703	87710	88620
Wittering	462	80407	14687	04101	861//	00218	88702		
Boscombe Down	746	80000	15102	03300	862//	50106	88703		
Ross-on-Wye									
Bristol	628	80306	10284	03701	864//	00208	88710		
Aberporth	502	81005	48022	02202	864//	50304	88715		
Rhoose (Cardiff)	715	80808	14102	03001	862//	00306	88705		
Plymouth	827	70610	33042	00802	755//	01202	83706	87629	
Chivenor	707	81110	37022	01502	854//	51106	86614	88624	
St. Mawgan	817	71110	33104	00102	757//	02201	87656		
Culdrose	809	50707	60052	00202	55700	01502	85656		
Scilly	804	61406	74032	98707	24478	00604	82618	84358	86280
Elmdon	534	80506	28687	03800	872//	00113	85704	88709	
Shawbury	414	80604	56687	04601	856//	00011	88640		
Manchester	334	80508	56027	04901	5567/	51012	85635	88456	
Squires Gate	318	80810	59687	05351	754//	00113	82618	87636	
Valley	302	80612	56026	03802	6542/	00208	86615	88458	
Ronaldsway	204	80615	62616	05603	7542/	01112	87618	88459	
Carlisle	222	70410	61018	08002	6557/	51215	81715	83625	86630
Watnall	354	80508	61017	04601	855//	50115	84710	88625	
Spurn Head	396	80510	63837	04503	864//	51216	88715		
Finningley	360	80308	56237	05401	856//	50112	88633		
Dishforth	261	70105	80216	06201	3563/	50114	83630	87360	
Tynemouth	262	80625	74028	07303	874//	00216	88712		
Eskdalemuir									
Mull of Galloway	131	80925	82026	06902	3747/	51211	83718	88360	
Prestwick	135	60516	66012	08001	15632	53108	81640	86075	
Renfrew	141	80611	66022	10001	55607	53213	85640	88270	
Leuchars	171	80213	74028	10100	3853/	51112	81820	83650	88359
Dyce	091	73603	74278	12051	704//	52213	83818	87630	
Wick	075	30714	80018	12901	38500	55314	82820	83640	
Cape Wrath	049	30513	86010	12302	32600	01400	83830		
Sule Skerry	010	30905	82018	13503	33500	53211	83925		
Lerwick	005	80110	74278	13951	3941/	53214	83912	88458	
Stornoway	026	10910	83018	13900	12500	55107	81820		
Benbecula	022	70913	86022	12400	00908	51211	87275		
Tiree	100	70716	86032	10401	18538	56111	81825	87275	
Aldergrove	917	80816	59687	06601	6542/	50212	82708	86618	88656
Malin Head	980	80927	74605	07804	7552/	51109	87620	88459	
Belmullet	976	80916	66606	03802	5642/	00207	85716	88458	
Birr	965	80507	66606	02402	874//	00205	85712	88630	
Collinstown	960	80918	66606	03403	864//	00208	82712	86715	88625
Rineanna	962	80713	59216	01103	855//	01103	88620		
Roches Point	952	80610	58102	99104	864//	02000	85714	88650	
Valentia	953	61213	66031	98305	65600	02204	86623		

OBSERVATIONS at 06h. 6 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	80507	60022	03602	863//	00208	88708		
772	80307	50037	03701	863//	00103	84707	88708	
776	80000	11104	03750	855//	50006	86709	88629	
871	80603	11104	03301	857//	00802	83706	88650	
862	80506	14102	03301	855//	00801	88620		
894	81109	15284	00904	860//	03607	88701		
590	80410	60022	04501	862//	00105	88704		
497	80715	62027	04804	855//	00209	88620		
578	80504	48037	04901	855//	00206	88627		
559	80209	56205	04601	855//	00003	86707	88620	
485	80409	74027	05601	855//	51208	88628		
462	80409	59027	05701	856//	51104	88634		
746	80807	15102	05101	862//	00209	88703		
627	80707	48022	03901	862//	00103	88704		
628	80307	12102	04001	863//	00003	88707		
502	81210	48032	02202	855//	50802	84627	88640	
715	80714	40022	03401	863//	00703	86708	88711	
827	80812	48032	00502	857//	00504	85708	88650	
707	70910	37022	01402	756//	50004	87649		
817	40913	48016	99601	457//	50704	84650		
809	81017	56102	99705	856//	04702	83710	88635	
804	81216	81022	96708	855//	03507	88625		
534	80608	62708	05201	856//	51205	83707	88631	
414	80508	32717	06301	856//	51203	88630		
334	80613	74022	06301	6567/	52302	86635	88458	
318	80716	74027	07101	755//	51204	81625	87657	
302	80612	56022	05002	855//	50400	88621		
204	80826	66026	07003	855//	51205	82620	88650	
222	80410	66038	09901	855//	52106	81715	84625	88633
354	80612	63027	06101	864//	50302	88710		
396	80515	63028	06303	864//	52210	88715		
360	80409	74022	07302	856//	53107	88638		
261	80807	82012	08501	856//	52209	88645		
262	60724	74028	09303	656//	55108	86630		
162	20505	66021	11551	25500	53115	82625		
131	81125	82022	08202	875//	01207	88720		
135	20710	70021	09650	00901	55105	82075		
141	70910	74032	11400	00906	53306	87270		
171	60209	62278	12100	48402	51210	82818	83657	85070
091	33506	80028	14253	38500	54210	82820		
075	70000	74268	14751	794//	52207	87915		
049	00709	86010	14750	00900	00208			
010	20805	81018	14802	23500	51200	82925		
005	13611	74021	15653	19400	54206	81912		
026	11108	83020	15101	15600	53206	81635		
022	30912	86012	13201	00908	54305	83275		
100	20815	86011	11601	00902	56205	82072		
917	81022	56587	07802	854//	51204	83618	86627	88645
980	41027	74018	08604	425//	51201	84823		
976	80618	69026	94302	5642/	00302	85716	88458	
965	80610	66026	02403	864//	00400	86714	88630	
969	81022	74026	04203	865//	51301	83720	88645	
962	80817	56106	01003	864//	01301	88712		
952	81019	40616	98606	874//	04603	86710		
953	80914	66022	97105	856//	02605	88632		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97026	00	+	pr_o
772	97007	00	is_o	d_od_o
776	97517	52	ff	$ffid_o$
871	00507	51	ff	ff
862	00517	54	+	+
894	00031	50	+	FFff
590	97506	51	d_od_oif	$ir_os_oid_o$
497	01005	00	r_os_o	prs
578	97006	51	r_os_o	$r_os_os_os_o$
559	97017	00	id_o	$id_os_os_o$
485	95017	50	$ir_oir_os_o$	pr_os_o
462	01007	50	$is_cd_os_o$	+
746	00517	51	+	+
627	00017		+	+
628	00007	50	if	+
502	00017	50	+	+
715	00007	50	+	+
827	97016	50	+	ir_o
707	00016	01	+	+
817	97011	50	$ifir_o$	+
809	97011	51	+	+
804	97050		+	ir_o
534	01007	50	$r_os_oprs_o$	prs_ois_o
414	01007	00	$r_os_os_os_o$	$r_os_os_os_o$
334	00016	00	+	+
318	97015	00	$r_os_od_os_o$	+
302	00011	00	+	+
204	01021	01	$r_or_oir_o$	r_os_o
222	97505	52	$ps_opr_os_o$	ps_o
354	91007	51	s_os_o	is_o
396	91020		pr_os_o	pr_os_o
360	94017	00	$s_os_or_os_o$	+
261	97016	51	$r_or_oir_o$	is_o
262	01021	00	pr_oph	ph
162	97547	55	+	is_o
131	97011			
135	00525	55	+	+
141	00503	52	+	+
171	91515	53	ps_o	ps_opH_o
091	01546	57	ph_ops_o	$psph_ops_o$
075	04526	57	ph_o	$psph_o$
049	97515	53	ps_o	+
010	97016	51		
005	92567	59	ps_opsph_o	+
026	00515	55	+	+
022	00505	55	+	+
100	00003	53	+	+
917	01015	50	$r_os_or_or_o$	$r_os_od_or_o$
980	97031	02		
976	97021	01		
965	97016	00		
969	01031	02		
962	97021	02		
952	06035	02		
953	00041	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	$N_hC_LhC_MC_H$	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	10621	33200	52608	80021	19402	55500	00601	/////	/////	05855	12621	14943
B	10565	51000	63610	69158	21901	62500	00803	80825	/////	05653	10244	1////
C	10528	35500	70222	69808	05907	72400	00103	87815	/////	05104	10647	1////
D	10440	41000	80514	65031	03312	855//	00102	88630	/////	05305	13656	1////
I	10590	18600	60725	98262	12905	635//	81701	81920	85645	05950	10746	10956
J	10524	19600	40920	98158	92709	39463	00004	83915	/////	05303	10945	10559
K	10451	15900	60000	60045	85012	25506	00301	81620	86073	05210	100/0	12354
M	13660	01800	53224	70018	11651	59400	00104	85915	/////	06454	13447	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	33006	62505	80021	19202	65500	00502	/////	/////	05653	100/0	14943
B	10565	51006	73406	69021	19301	75600	00714	87640	/////	05654	13632	1////
C	10528	35506	70524	69258	05907	32470	00603	83615	87360	05203	10646	1////
D	10440	41006	50717	65012	01512	25501	00505	82630	/////	05404	14915	1////
I	10590	18906	50619	98018	13504	59403	00206	82918	83070	06000	10846	11056
J	10523	20006	50821	98018	93810	48562	00208	81820	83640	05106	10835	10459
K	10450	16106	73216	60022	87712	756//	00223	80640	/////	05109	132/1	12654
M	13660	01806	83213	60851	11552	894//	00702	88915	/////	06754	13345	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36936

Date of Issue Monday 7 January 1963

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

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	80612	33838	05602	855//	00107	86712	88620	
London Airport	772	80513	35515	05902	854//	01006	82707	85710	88615
Gatwick	776	80507	40205	05302	863//	01005	84708	88711	
Thorney Island	871	80511	23102	04302	857//	01703	88650		
Hurn	862	80410	39022	04302	855//	01801	85713	88620	
Guernsey	894	70916	66024	01505	51342	02803	82706	85809	
Wattisham	590	80610	64707	07102	854//	52008	83618	88640	
Gorleston	497	70617	62018	08103	6847/	53311	81818	86623	87360
Mildenhall	578	80811	74027	07502	855//	52006	82625	88635	
Cardington	559	80411	61717	07202	855//	51004	88620		
West Raynham	485	70515	74018	08401	4567+	53007	84645	87459	
Wittering	462	80612	62022	08601	856//	52006	83630	88635	
Boscombe Down	746	80812	56022	05301	862//	00003	88705		
Ross-on-Wye	627	80614	66022	06101	864//	51105	88715		
Bristol	628	80714	48212	05902	855//	51005	84712	88625	
Aberporth	502	71013	80022	04802	68531	52019	81820	86650	
Rhoose (Cardiff)	715	80815	59022	05101	854//	00005	86710	88615	
Plymouth	827	80618	40026	01803	856//	01103	85712	88635	
Chivenor	707	70918	61022	02903	55638	00000	82712	85630	87270
St. Mawgan	817	80812	48505	01301	855//	50007	85708	88620	
Culdrose	809	80920	28606	00904	856//	03006	85709	88635	
Scilly	804	81119	32026	98407	854//	05208	85708	88615	
Elmdon	534	80814	40717	07601	855//	52105	85718	87627	
Shawbury	414	70713	64017	08002	3577/	53802	83650	87360	
Manchester	334	70718	66022	08802	18531	53002	81822	86359	
Squires Gate	318	60916	58042	10101	15634	53109	81635	85075	
Valley	302	70816	66022	07602	25678	51205	82640	84460	87270
Ronaldsway	204	60931	80027	09403	21532	53104	82820	85075	
Carlisle	222	30510	74021	12601	25631	51210	82630		
Watnall	354	80715	66027	08901	856//	52206	88640		
Spurn Head	396	60718	66012	10102	43530	54212	84920	85360	
Finningley	360	70709	74012	10502	756//	53018	87635		
Dishforth	261	70809	72157	11502	2343/	51111	81918	87360	
Tynemouth	262	70921	82022	12703	756//	03210	87630		
Eskdalemuir	162	20604	80031	14553	25631	54110	82636		
Mull of Galloway	131	71127	80012	10803	2254/	52206	82820	86360	
Prestwick	135	40510	74012	13200	18531	53218	81825	83075	
Renfrew	141	60612	56258	13901	28532	53106	81820	86070	
Leuchars	171	70308	74268	14102	785/1	53012	85825	83656	
Dyce	091	23404	59278	16651	28400	55105	81815		
Wick	075	20000	89018	17554	22530	55108	82820		
Cape Wrath	049	30905	86020	17701	38600	00208	83830		
Sule Skerry	010	60509	81168	17702	4357+	01214	84920	86360	
Lerwick	005	13104	85020	18055	18400	59105	81815		
Stornoway	026	11010	89020	17502	11501	53103	81825		
Benbecula	022	20912	89010	15903	18502	54111	81827		
Tiree	100	40916	89031	14603	28532	54111	81822		
Aldergrove	917	61016	74017	10602	48531	53211	82822	85075	
Malin Head	980	51219	83011	11504	42532	55110	84824	85075	
Belmullet	976	80922	74606	07003	6642/	00113	84715	86635	88458
Birr	965	80915	69606	05303	874//	51116	85713	88633	
Collinstown	969	81023	74022	07203	6552/	52110	84622	86635	88458
Rineanna	962	81016	69602	03304	864//	01006	82712	85718	88625
Roches Point	952	80917	48616	01605	873//	04111	88708		
Valentia	953	80914	62606	99705	5652/	02213	85720	88550	

Code FM 11.A — OBSERVATIONS at 18h. 6 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	80708	56026	06702	873//	51209	86708	88712	
London Airport	772	70512	48012	07202	754//	51210	84719	87630	
Gatwick	776	80508	48105	06601	855//	50213	83709	86714	88620
Thorney Island	871	70612	58012	05702	755//	50111	82709	87623	
Hurn	862	80512	32052	05102	854//	00108	86710	88619	
Guernsey	894	70624	74022	01404	31432	02305	83814	87070	
Wattisham	590	80613	60227	09400	855//	52217	82710	88623	
Gorleston	497	50718	62015	10002	15570	52215	81623	85360	
Mildenhall	578	81012	69022	09801	856//	52215	88616		
Cardington	559	80414	61037	08901	863//	51211	88708		
West Raynham	485	70613	69268	10650	755//	52215	84625	87645	
Wittering	462	80816	69022	10600	854//	52212	88618		
Boscombe Down	746	80716	50022	06601	863//	51211	88708		
Ross-on-Wye	627	80713	63022	07801	864//	52212	88715		
Bristol	628	80615	62027	07201	855//	52110	84712	88625	
Aberporth	502	80918	59032	07001	4567/	53216	81640	88360	
Rhoose (Cardiff)	715	80827	59022	05901	854//	51211	83710	88618	
Plymouth	827	80715	35042	02503	864//	02209	88712		
Chivenor	707	81020	58022	04203	854//	00208	86616	88625	
St. Mawgan	817	81018	48025	02002	6551/	60310	85713	84627	88460
Culdrose	809	80919	28506	01005	855//	03205	85715	88628	
Scilly	804	81022	58022	99106	5542/	05208	85614	88458	
Elmdon	534	70711	62027	09450	754//	53213	82618	87645	
Shawbury	414	80710	62032	10151	15647	55211	81656	88270	
Manchester	334	10707	56021	10951	00901	56211	81075		
Squires Gate	318	10609	37041	11553	00902	56210	81073		
Valley	302	70817	58022	09201	00908	52210	87070		
Ronaldsway	204	50927	80031	11402	51500	55114	85827		
Carlisle	222	30610	69018	14351	35740	54212	83650		
Watnall	354	70713	62031	11501	756//	54210	87640		
Spurn Head	396	80916	66032	11702	65530	54211	86620	84360	
Finningley	360	70808	74031	12250	756//	55209	87638		
Dishforth	261	60709	74012	13101	656//	53212	83635	84656	
Tynemouth	262	60923	74028	14303	615//	02113	86825		
Eskdalemuir	162	60707	70037	16053	655//	56212	88628		
Mull of Galloway	131	60920	80022	13201	634//	52214	86918		
Prestwick	135	40608	69011	14600	45600	53212	84645		
Renfrew	141	60609	22048	15501	656//	53311	86640		
Leuchars	171	40718	80038	16303	42500	51215	84825		
Dyce	091	30000	48048	18554	38500	57214	81820	83630	
Wick	075	72603	83858	19356	784//	57213	83815	84630	
Cape Wrath	049	30905	86020	19501	38600	00218	83830		
Sule Skerry	010	50505	81018	19102	435/8	51210	84920	84270	
Lerwick	005	73103	82878	19051	784//	53103	81815	87640	
Stornoway	026	11007	86020	19601	11500	54211	81827		
Benbecula	022	10910	89020	17801	12501	53210	81826		
Tiree	100	10816	89020	16401	18502	55214	81822		
Aldergrove	917	61011	62268	12302	656//	53213	81710	86640	
Malin Head	980	71028	85022	13204	646/2	55214	86635	87070	
Belmullet	976	80919	78026	08702	5642/	52210	85718	88458	
Birr	965	80609	70026	07102	854//	00212	83715	88633	
Collinstown	969	71020	59052	09202	753//	54217	83623	87629	
Rineanna	962	70920	66606	05303	5542/	01214	83618	85640	87458
Roches Point	952	80822	56616	03104	873//	03213	85707	88716	
Valentia	953	81013	62616	01705	4742/	02217	87719	88550	

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97026	000	$pr_0s_0ir_0$	ir_0
London Airport	772	91036	000	d_0d_0	id_0is_0
Gatwick	776	92027	000	d_0d_0	d_0d_0
Thorney Island	871	00037	000	+	+
Hurn	862	00027		+	+
Guernsey	894	00061	005	+	+
Wattisham	590	93035		id_0is_0	id_0
Gorleston	497	97035	000	pr_0id_0	+
Mildenhall	578	97026	000	s_0s_0	+
Cardington	559	97026	000	s_0s_0	is_0
West Raynham	485	91027	000	ps_0	ps_0psph_0
Wittering	462	97027	001	+	pr_0
Boscombe Down	746	00027	000	+	+
Ross-on-Wye	627	97027	000	+	is_0
Bristol	628	97027	000	ir_0is_0	+
Aberporth	502	00027	001	+	+
Rhoose (Cardiff)	715	00026	000	+	+
Plymouth	827	97035	000	id_0	ir_0
St. Mawgan	707	00045	000	+	+
Culdrose	809	97051	000	r_0r_0	id_0ir_0
Scilly	804	91081	000	ir_0	+
Elmdon	534	92027	000	$is_0s_0s_0$	$ps_0s_0s_0$
Shawbury	414	97027	000	is_0	+
Manchester	334	00026	025	+	+
Squires Gate	318	00025	029	+	+
Valley	302	00031	032	+	+
Ronaldsway	204	00031	017	+	+
Carlisle	222	97025	049	+	ps_0
Watnall	354	97017	000	is_0	+
Spurn Head	396	07035	019	+	ps_0
Finningley	360	97027	021	+	is_0
Dishforth	261	00026	010	jp	jp
Tynemouth	262	97031	001	ph	+
Eskdalemuir	162	97527	042	is_0	is_0
Mull of Galloway	131	00031			
Prestwick	135	00023	025	+	+
Renfrew	141	97023	023	ps_0	ps_0
Leuchars	171	92035	022	ps_0	+
Dyce	091	01516	019	$phph_0$	ph_0
Wick	075	97019	035	ps_0	ps_0
Cape Wrath	049	91015		+	ph
Sule Skerry	010	01036			
Lerwick	005	97507	034	+	ph_0is_0
Stornoway	026	00035	045	+	+
Benbecula	022	00035	055	+	+
Tiree	100	00033	050	+	+
Aldergrove	917	92035	001	$pr_0s_0ps_0$	$ps_0s_0s_0$
Malin Head	980	0004	016		
Belmullet	976	9703	000		
Birr	965	9703	000		
Collinstown	969	0003	000		
Rineanna	962	9704	000		
Roches Point	952	0405	000		
Valentia	953	0106	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	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10621	33212	52408	80021	20704	58500	00209	/////	/////	05652	12421	11943
B	10565	51012	70204	69022	19300	75500	00400	87630	/////	05754	10133	1////
C	10528	35512	70515	69022	06508	68402	00307	81815	86640	05105	1////	1////
D	10440	41012	70520	65031	98713	21571	00803	82830	83635	05205	10545	1////
I	10591	19012	70712	97278	16304	63441	80213	82915	86640	06151	10742	11154
J	10524	19812	80820	97258	96410	4857/	00214	82820	85358	05106	10835	15550
K	10449	16012	72618	70022	92313	785//	00221	81823	87640	05009	12814	12553
M	13659	02012	72622	65028	08400	68470	00825	84815	/////	06256	12823	13443

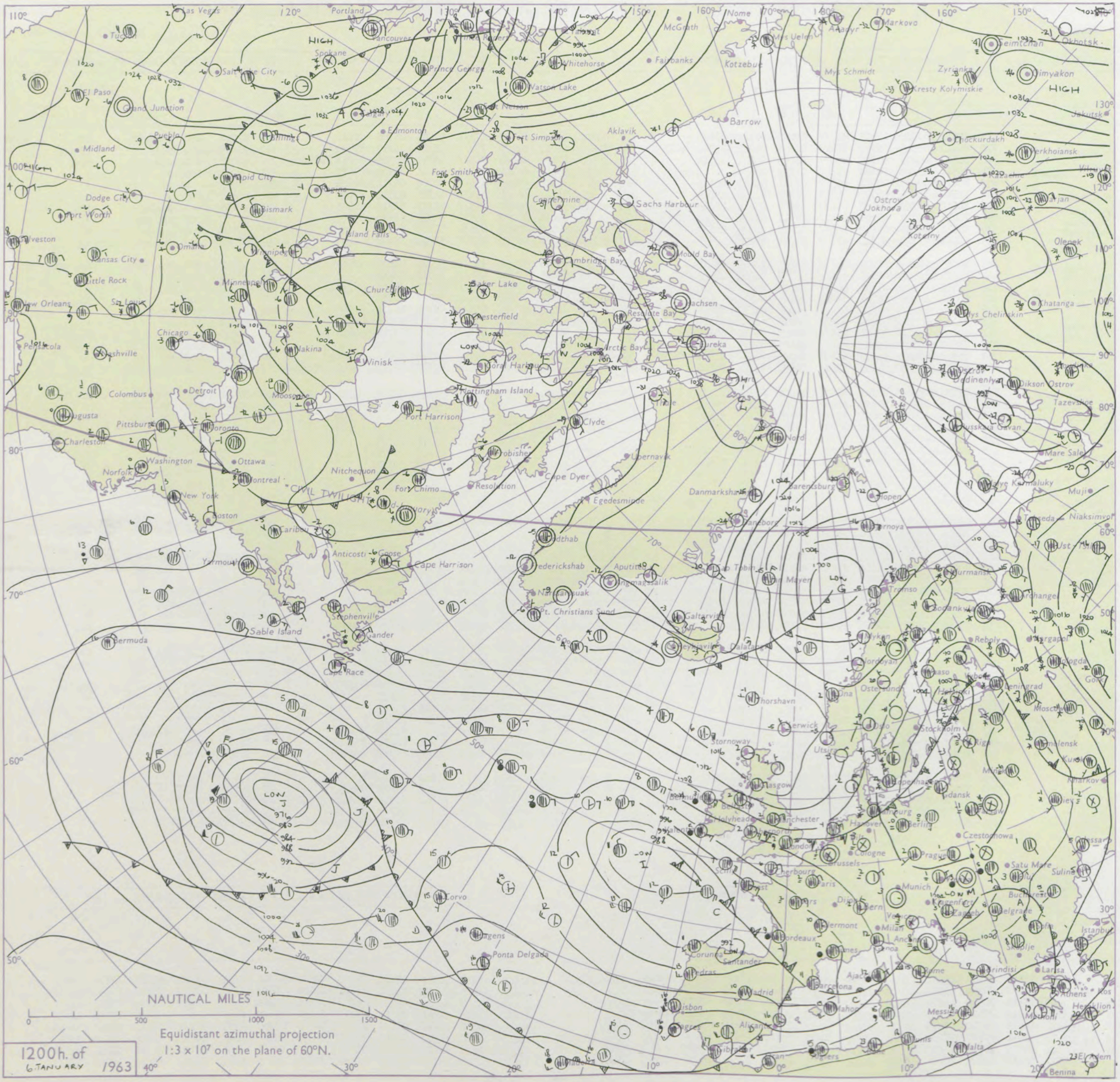
OCEAN WEATHER STATION REPORTS at 18h.

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	10621	33218	72710	80032	20803	785//	00301	/////	/////	05553	12721	11943
B	10565	51018	20000	72021	18101	15634	00607	81635	/////	05656	10954	1////
C	10528	35518	60516	69252	05807	48401	00502	82815	840//	05204	10657	1////
D	10140	41018	30528	69011	93712	22531	00620	82830	/////	05408	10536	1////
I	10593	19218	50618	98022	16504	58400	00207	82818	84640	06002	10743	10453
J	10524	19818	80522	97212	97209	6257/	00006	86825	88465	05205	10535	15510
K	10449	15918	42816	60251	96312	49400	00225	81916	83816	05211	12856	12453
M	13659	02318	73040	20858	05152	79400	00301	87910	/////	06654	13146	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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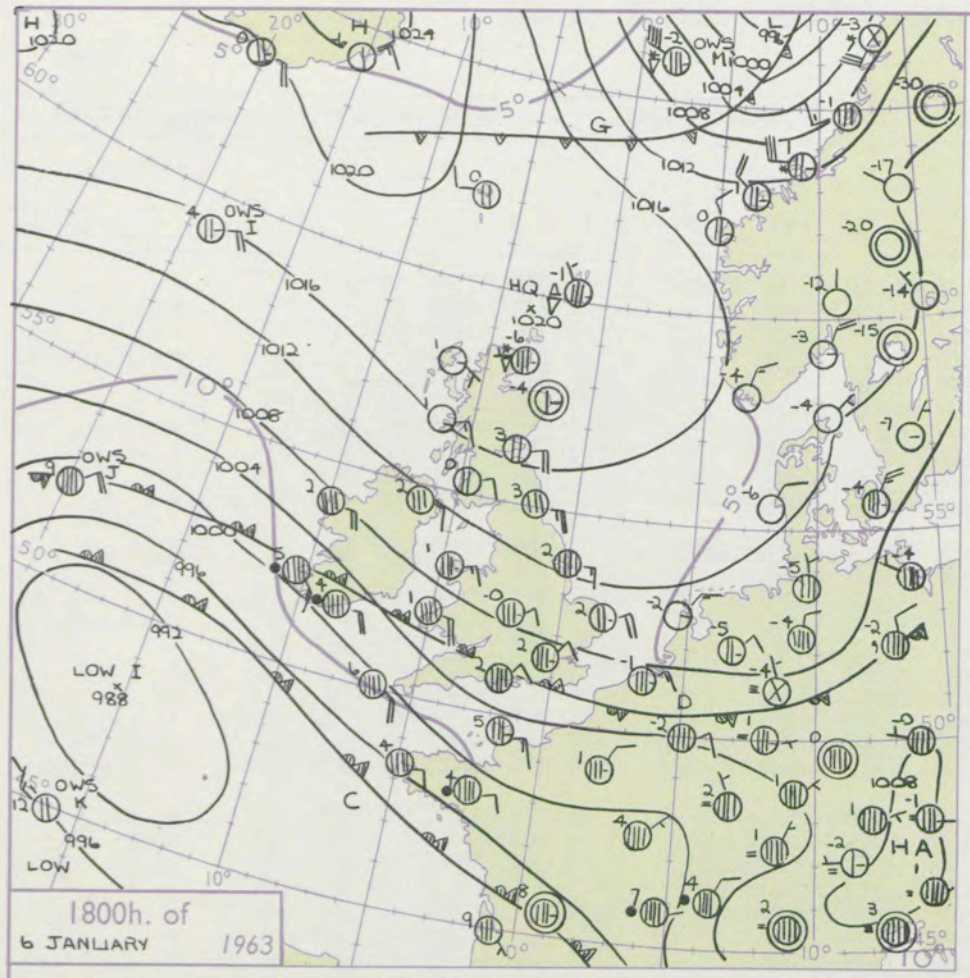

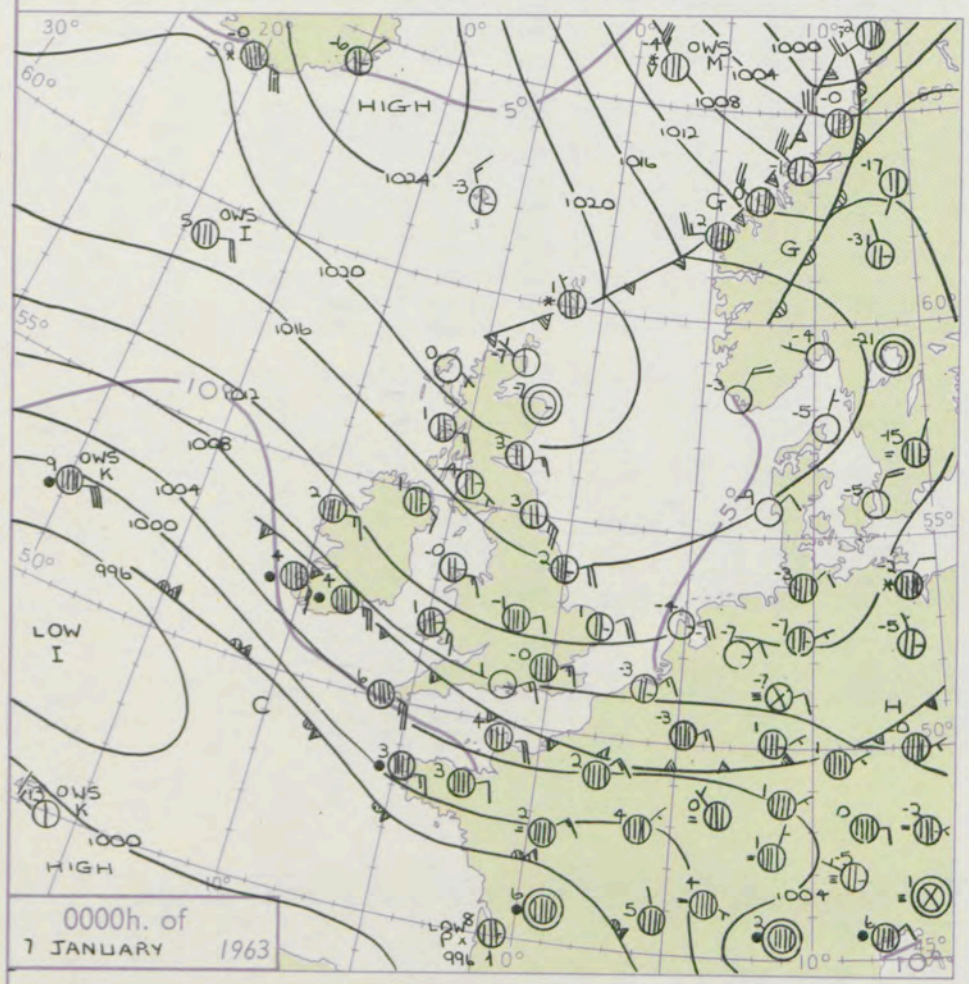

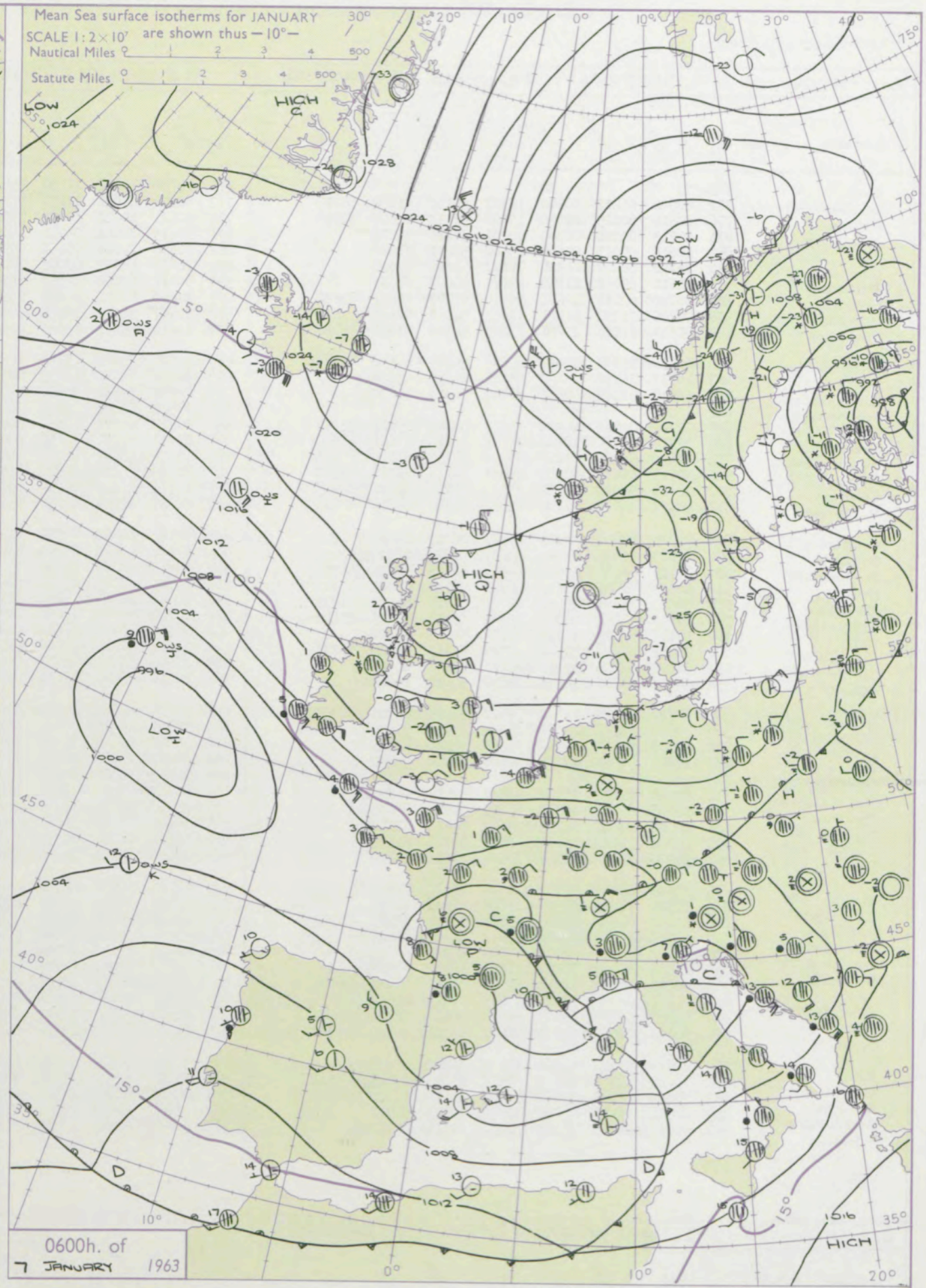

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 7 January 1963

An anticyclone over Greenland is moving east and a strong ridge is building southeastwards across the British Isles into central Europe. A separate high pressure cell is likely to form near northwest Germany. A depression will move east around north Norway and a secondary depression will probably form in the Gulf of Riga. Another depression will move northeast to north of the Azores.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Weather will continue very cold almost everywhere in the British Isles with temperatures staying around freezing in most parts this afternoon and severe frost occurring rather generally tonight. Weather will be mostly dry but scattered snow showers may occur in some eastern areas.

OUTLOOK for the following 24 hours. No major change.

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

Code FM 11.A

OBSERVATIONS at 00h. 7 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			50					
London Airport	772	80621	66017	10100	18507	55110	81820	88275	
Gatwick	776	80614	80025	09450	15507	56113	81620	88275	
Thorney Island	871	80613	80022	08500	00907	54112	88272		
Hurn	862	10616	69011	07801	15500	52211	81624		
Guernsey	894	70720	66022	04304	784//	51215	87818		
Wattisham	590	80612	59038	11850	856//	54007	88635		
Gorleston	497	50720	62012	12601	58500	53207	84821	85624	
Mildenhall	578	70806	74031	12451	756//	54108	87640		
Cardington	559	80313	61017	11851	15607	54108	81640	88280	
West Raynham	485	60618	74038	12951	656//	55109	86640		
Wittering	462	30812	74018	13452	25701	55212	82656		
Boscombe Down	746	60819	62012	09651	00902	54213	86075		
Ross-on-Wye	627								
Bristol	628	70714	62012	10500	3543/	54115	83618	87359	
Aberporth	502	71016	62012	10501	755//	54117	83620	87637	
Rhoose (Cardiff)	715	70820	66205	09201	757//	53113	81715	87656	
Plymouth	827	80713	56606	06202	854//	50218	83712	88618	
Chivenor	707	70818	56011	07802	754//	51019	84616	87625	
St. Mawgan	817	80712	56022	06102	855//	51220	86713	88625	
Culdrose	809	80925	50022	04904	854//	02225	88615		
Scilly	804	81025	48022	03306	854//	04222	88612		
Elmdon	534	80709	65028	12051	15607	53213	81634	88275	
Shawbury	414	80607	62012	13153	00907	56110	88275		
Manchester	334	60810	58701	13851	45601	53216	84635	83075	
Squires Gate	318	60610	58041	14552	35502	55114	81625	83645	
Valley	302	50813	58022	12750	00902	54215	85070		
Ronaldsway	204	70931	80021	14302	21508	55113	82825	86275	
Carlisle	222	20805	66020	17353	15601	57008	81645		
Watnall	354	50711	66011	13853	55600	54010	85640		
Spurn Head	396	70720	59028	14202	5357/	52213	85925	86360	
Finningley	360	10608	66268	15051	15600	53010	81630		
Dishforth	261	50507	82012	16250	55600	54110	85645		
Tynemouth	262	41024	74021	17503	42600	50210	84830		
Eskdalemuir	162								
Mull of Galloway	131	61216	82022	16002	685//	52219	84825		
Prestwick	135	51005	66030	18054	55601	56220	85635		
Renfrew	141	10000	22040	18754	15600	56214	81640		
Leuchars	171	40714	74018	19203	48500	55213	84825		
Dyce	091	10000	59018	21657	18500	58212	81820		
Wick	075	22906	86038	21757	21500	59112	82825		
Cape Wrath	049	10905	86028	21500	15600	00211	81630		
Sule Skerry	010	53602	81022	20803	2353/	52208	82925	85360	
Lerwick	005	63106	74707	20201	656//	54104	86645		
Stornoway	026	01007	86010	21600	00900	53210			
Benbecula	022	11008	89020	20151	11501	55211	81825		
Tiree	100	50813	86011	18801	58500	53112	81825	84645	
Aldergrove	917	71110	66018	15001	754//	00217	81617	83625	87638
Malin Head	980	51222	80018	15703	585//	50111	82828	85650	
Belmullet	976	80816	78022	11702	5557/	53213	82720	85635	88458
Birr	965	80812	70022	10601	856//	52212	88635		
Collinstown	969	71015	69032	12402	3553/	55215	83625	87360	
Rineanna	962	70820	61586	09002	764//	00214	83713	87718	
Roches Point	952	80924	56616	07004	873//	02213	88707		
Valentia	953	81013	61616	05405	864//	02115	88712		

OBSERVATIONS at 06h. 7 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	80720	70022	11150	755//	55107	86718	87625	
772	80624	66032	11451	855//	55108	88628		
776	80621	80022	10251	855//	55105	88626		
871	20615	82011	09951	15602	55204	81630		
862	00408	74011	09653	00900	53106			
894	70816	66022	07003	784//	52212	87818		
590	80618	69052	12553	855//	54102	88622		
497	20620	62011	14201	25500	53103	82624		
578	70707	74012	13551	00908	55302	87275		
559	10410	58021	13053	00908	54105	81275		
485	40618	69011	13951	15608	55203	81640	84275	
462	30712	74012	14752	00901	55107	83075		
746	70812	62032	10852	756//	55204	87630		
627	70511	66022	12852	765//	55210	87720		
628	20413	62021	12351	00902	54107	82070		
502	51011	62011	12151	50970	55203	85363		
715	10717	69011	11452	15600	54205	81640		
827	80717	58026	08600	855//	54212	88622		
707	60714	69012	09700	1553/	55203	81625	86360	
817	60817	62031	08250	3563/	54211	83640	86359	
809	80923	64022	07302	854//	51216	88615		
804	81124	48616	06104	854//	03213	84708	88612	
534	80811	68032	13452	35607	56201	83634	88275	
414	80505	62012	15053	35607	56208	83640	88270	
334	70606	62027	15451	35508	53208	83625	87275	
318	70710	66022	16052	00908	55105	87272		
302	60712	58022	14550	00902	53207	86070		
204	40931	82012	16002	21508	54109	82828	83273	
222	80608	59701	18953	855//	54308	88635		
354	60712	69028	15053	656//	55205	86640		
396	50816	66012	15503	32530	54105	83825	84360	
360	30707	80018	16251	35600	55204	83638		
261	20405	82011	17351	25600	55102	82645		
262	30822	74020	18603	32600	53204	83830		
162	10706	66020	20455	15500	57306	81627		
131	61122	82031	17401	33440	52204	83918	83360	
135	40908	66858	18952	38601	54304	82632		
141	10000	40227	20053	15600	55205	81640		
171	33212	74018	20450	35600	54205	83645		
091	53405	66031	22556	55600	58206	85645		
075	12806	89021	22356	12500	58201	81820		
049	40905	86020	22300	45600	00203	84630		
010	22502	82011	21902	23500	51201	82925		
005	43609	74227	20951	456//	52102	84640		
026	11107	89010	22301	10940	53202	81360		
022	20907	89020	21251	15530	55204	81625		
100	60814	86021	19502	685//	54301	81829	83637	85656
917	81212	66852	16501	885//	54208	84820	88640	
980	81318	80031	16703	886//	56201	83830	88656	
976	81116	66227	12301	5557/	52101	82722	85637	88458
965	80913	70022	12101	856//	53208	88630		
969	71014	69032	14001	555/6	55209	85628	87270	
962	81022	66236	10502	854//	51206	83716	88635	
952	80919	62026	08904	865//	51208	88720		
953	81215	61606	06805	864//	03209	88712		

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97506	52	+	+
772	00516	52	+	+
776	00527	53	+	+
871	00527	54	+	+
862	00537	55	+	+
894	00031	02	+	+
590	97535	54	ps_o	+
497	00003	54	+	+
578	00526	54	+	+
559	00546	56	+	+
485	97527	55	ps_o	+
462	00527	54	+	+
746	00537	54	+	+
627	00527		+	+
628	00527	53	+	+
502	00517	54	+	+
715	97526	53	ir_oid_o	+
827	97515	53	ir_o	+
707	00505	51	+	+
817	00513	52	+	+
809	97020	01	ir_o	+
804	01042		ir_o	r_or_o
534	00547	56	+	+
414	00557	57	+	+
334	97526	54	is_o	+
318	00535	54	+	+
302	00513	52	+	+
204	00015	50	+	+
222	97555	58	+	is_ops_o
354	97537	56	ps_o	ps_o
396	97010		ps_o	+
360	91517	54	ps	ps_o
261	97516	55	+	ps_o
262	97031	00	+	ps_o
162	97557	59	is_o	is_o
131	00503			
135	97553	59	+	ps_o
141	97553	59	+	is_o
171	91525	55	ps_o	+
091	97598	63	+	ps_o
075	00589	60	+	+
049	00515	57	+	+
010	00015	57		
005	92527	55	is_o	is_o
026	00535	56	+	+
022	00515	56	+	+
100	00013	53	+	+
917	97005	52	ps_oprs_o	ps_o
980	97020	01		
976	97011	00		
965	00013	51		
969	00010	00		
962	95011	00		
952	02031	03		
953	09041	02		

CONVE TAB °C to

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

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20621	33200	52710	80021	22403	55500	00206	/////	/////	05553	12721	14943
B	20565	51000	51504	69022	17901	50670	00702	83358	/////	05554	10844	1////
C	20528	35500	70717	65028	05707	74600	00802	87635	/////	00005	10638	1////
D	20440	41000	80232	65028	95013	52507	00210	85820	882//	05307	10549	1////
I	20589	18800	60720	97278	17605	694//	32005	85918	/////	05803	10843	10454
J	20524	19800	80732	97616	99909	885//	11213	86820	88650	05306	10749	16052
K	20448	15900	22814	65030	01413	22500	00223	82820	/////	05112	12856	1////
M	23659	02000	63236	65858	08654	69400	71003	86910	/////	07156	18240	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	33006	52704	80022	22002	55500	00604	/////	/////	05653	10010	14943
B	20565	51006	61413	69031	16802	62600	00703	86820	/////	05254	10944	1////
C	20528	35506	80720	65505	03107	8052/	00714	88530	/////	05105	10738	1////
D	20440	41006	20532	09011	96012	21500	00312	82820	/////	05505	10549	1////
I	20589	19006	51118	98258	16707	53400	00302	83918	83630	05603	11044	10454
J	20526	20206	80624	97616	99809	6742/	00003	85712	88540	05306	10648	16052
K	20450	16106	32610	65011	03812	38500	71206	82820	/////	05109	12854	1////
M	23664	02106	33035	65268	08554	39400	62614	83910	/////	07159	18243	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36937

Date of Issue Tuesday 8 January 1963

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

RSION LE °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
104	Kew	775	70722	58028	13200	755//	55103	86712	87620	
102	London Airport	772	70518	61022	13900	755//	55208	87625		
100	Gatwick	776	80612	80032	12951	855//	55108	83620	88630	
99	Thorney Island	871	80415	80031	12550	856//	53004	88630		
97	Hurn	862	70409	74021	12650	11571	51110	81828	85364	
95	Guernsey	894	80814	62602	10404	884//	51112	82712	85816	87625
93	Wattisham	590	60519	82022	14651	11502	54205	81820	85072	
91	Gorleston	497	70720	62021	16000	25506	55107	82620	87275	
90	Mildenhall	578	70713	78022	15600	11502	55002	81825	87070	
88	Cardington	559	40414	61021	15251	00902	54002	84075		
86	West Raynham	485	70715	80021	16151	25608	56002	82635	87270	
84	Wittering	462	60811	69012	16500	00908	53104	86275		
82	Boscombe Down	746	70815	66022	13951	755//	53008	87622		
81	Ross-on-Wye	627	70707	66031	15151	20956	55103	82360	87277	
79	Bristol	628	60615	69031	15051	5563/	54004	85635	85364	
77	Aberporth	502	70713	82021	14850	40938	56107	84365	87270	
75	Rhoose (Cardiff)	715	80722	66021	14151	21532	54109	82820	83358	85070
73	Plymouth	827	80712	59021	12150	6547/	54010	86618	88460	
72	Chivenor	707	61016	80012	13150	65432	53011	81617	86657	86070
70	St. Mawgan	817	70915	66032	11850	2563/	52219	82640	87359	
68	Culdrose	809	80917	60052	11002	855//	51210	83710	88625	
66	Scilly	804	81118	58026	09505	854//	02113	88614		
64	Elmdon	534	50909	59022	16051	15708	57108	81650	85275	
63	Shawbury	414	70604	59042	16551	15602	55801	81635	87075	
61	Manchester	334	71005	48022	17101	55638	53104	85630	87275	
59	Squires Gate	318	80813	48042	17802	15517	52000	81620	88272	
57	Valley	302	70812	61022	16402	11518	52102	81825	86468	87270
55	Ronaldsway	204	70923	80021	17803	18538	53102	81825	87275	
54	Carlisle	222	70510	62852	20901	58548	52003	81715	83820	86270
52	Watnall	354	50811	56012	16901	11508	54106	81825	84275	
50	Spurn Head	396	60817	66012	17603	35530	52104	83625	85360	
48	Finningley	360	60707	63021	18002	11502	53002	81828	86072	
46	Dishforth	261	80711	83018	18603	18507	55000	81825	88268	
45	Tynemouth	262	50622	74028	20003	42570	53102	84820		
43	Eskdalemuir	162	70605	70707	22354	7563	55211	87630		
41	Mull of Galloway	131	70818	81012	19602	33534	51203	83925	85070	
39	Prestwick	135	70609	66028	20700	18578	52205	81825	86275	
37	Renfrew	141	60807	15041	21800	15502	53102	81620	86075	
36	Leuchars	171	50107	80031	22101	58500	53002	82822	85640	
34	Dyce	091	53605	37048	23652	28431	54103	81815	85070	
32	Wick	075	33007	89010	23554	29401	55002	81915	83070	
30	Cape Wrath	049	30000	86010	23702	29601	53205	82930		
28	Sule Skerry	010	60505	48868	23203	5357/	00209	85920	86360	
27	Lerwick	005	53307	02011	23953	55600	56211	85630		
25	Stornoway	026	30904	89020	24202	00902	53106	83075		
23	Benbecula	022	71204	89031	22703	12502	56204	81825	87072	
21	Tiree	100	60817	89021	21802	12578	55108	81825	85280	
19	Aldergrove	917	71013	58858	18702	7841/	52107	83709	86817	
18	Malin Head	980	71123	85022	18904	42508	54104	84828	87270	
16	Belmullet	976	61115	80017	14802	16532	53005	81720	85360	86070
14	Birr	965	70913	77022	14701	5562	54109	85633	87070	
12	Collinstown	969	71118	82022	16202	31508	55005	83824	87270	
10	Rineanna	962	71018	82022	13102	48571	53007	82825	84640	86358
9	Roches Point	952	81015	74022	11503	856//	52500	88630		
7	Valentia	953	71021	72026	08804	6257/	51802	86825	87360	

OBSERVATIONS at 18h. 7 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
775	70617	66028	15750	755//	55110	84715	87625	
772	80513	59012	15151	856//	53209	88625		
776	70508	63022	14451	756//	54208	87635		
871	70610	69022	14551	756//	52213	87633		
862	80610	58012	14250	855//	53315	85625	88634	
894	80809	58056	12303	884//	51216	84815	87620	
590	70613	70022	15951	755//	55208	87621		
497	70718	64022	17500	755//	53206	87620		
578	70607	66022	16951	756//	55107	87630		
559	80410	61022	16552	856//	53212	88640		
485	70510	74032	17653	65502	56108	86625	83075	
462	70811	62032	17853	6558	55208	86621		
746	60717	62012	15152	35508	54209	83620	86270	
627	40602	70021	16852	15606	56114	81635	84275	
628	20509	59011	16153	00902	57209	82075		
502	51211	69031	15551	40932	55209	84365		
715	30715	59011	15352	30930	56314	83358		
827	80709	40042	13600	854//	53214	88618		
707	70912	59012	14350	7093/	54214	87359		
817	71014	59022	12851	756//	51112	84710	87640	
809	80916	58505	12202	854//	00211	87712	88618	
804	81018	57022	10105	854//	03308	88613		
534	70810	56042	17053	20932	56209	82362	87075	
414	80704	58042	17852	15607	55311	81630	88275	
334	71010	59022	18100	5567/	55210	85630	87465	
318	80608	30042	18550	00907	53207	88270		
302	40814	61021	16900	20932	55308	82365	84070	
204	71025	78012	18003	42538	53305	84822	87275	
222	70506	62038	21001	68548	51205	81715	83820	86270
354	70811	63012	18653	15608	55211	81635	87273	
396	60815	63022	18402	5564/	53205	85630	85360	
360	70703	62022	19351	756//	54210	87630		
261	70607	83032	19800	45600	52310	84630	86270	
262	41121	74028	20703	40970	54310	84358		
162	80707	58717	22353	45508	54106	84626	88270	
131	40922	80011	19102	22508	51201	82820	83275	
135	70710	62022	20850	15632	52106	81630	87070	
141	71006	22042	21900	45606	53102	84640	87072	
171	70309	74038	22401	4853/	51204	81710	83635	85358
091	73503	56047	24052	756//	54203	81706	87640	
075	50510	74018	23901	594//	53006	81915	85635	
049	80202	86027	24200	00907	00202	88270		
010	60505	81022	24103	635//	51208	83920		
005	13507	82011	24955	15600	58207	81630		
026	31007	87011	24401	30930	53106	83365		
022	70904	86022	23100	12536	50203	81825	87270	
100	50815	89012	21801	18532	55101	81828	85075	
917	70913	66028	18502	28408	51006	81815	87270	
980	71123	80858	19104	735//	52203	87923		
976	61012	74012	15201	20936	52206	82358	86270	
965	40915	77011	15201	35602	54207	83640	84072	
969	71021	78022	16002	5853/	56500	81822	85635	87359
962	51113	80012	13901	25630	54209	82640	85359	
952	80918	74022	12203	855//	52206	88626	91848	
953	71124	72022	09204	725//	53309	87826	91848	

OBSERVATIONS during DAY

iii	RRT T_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97006	001	ps_o	pr_ops_o
772	00016	000	+	+
776	00507	003	+	+
871	00006	015	+	+
862	00026		+	+
894	97041	000	ir_o	ir_o
590	97505		+	ps_o
497	00013	007	+	+
578	00006	047	+	+
559	00506	061	+	+
485	00517	036	+	+
462	00007	051	+	+
746	00517	002	+	+
627	00517	020	+	+
628	00517	006	+	+
502	00017	030	+	+
715	00506	000	+	+
827	00005	000	+	+
707	00011	015	+	+
817	00003	000	+	+
809	97031	000	id_o	id_o
804	01051	000	r_or_o	r_or_o
534	00517	029	+	+
414	00517	007	+	+
334	00025	007	+	+
318	00035	005	+	+
302	00023	031	+	+
204	00031	010	+	+
222	97025	007	ps_o	+
354	00017	029	+	+
396	00030	021	+	+
360	00027	032	+	+
261	00036	015	+	+
262	94041	000	ph_ops_o	ph_o
162	97517	012	is_o	is_o
131	00023			
135	00013	009	+	+
141	97013	000	+	is_o
171	97026	002	ps_o	ps_o
091	92519	007	is_o	ps_oph
075	01019	000	psif	$ifps_o$
049	96036		is	is
010	03036			
005	00517	012	+	+
026	00035	044	+	+
022	00045	031	+	+
100	00033	030	+	+
917	97035	000	$phps_o$	+
980	9704	007		
976	9702	000		
965	9702	004		
969	0003	005		
962	0003	004		
952	0004	000		
953	9105	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_vs_vapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33112	50000	80022	23303	55500	00210	/////	/////	05653	100/0	14043
B	20565	51012	60907	72031	14903	68530	00710	85825	/////	05252	10944	1////
C	20528	35512	70915	63806	03806	784//	00108	83810	85820	00105	10746	1////
D	20440	41012	33432	67141	01313	52500	00236	85820	/////	05406	13548	1////
I	20589	19112	41219	98031	18107	33440	00110	81918	/////	05600	11144	10454
J	20524	20112	80823	96626	99609	6742/	00303	86715	88550	05209	10648	15851
K	20451	16412	71812	75032	04813	18546	00801	81820	87273	05009	11842	12856
M	23660	02012	63138	65268	10054	69500	71001	86920	/////	06959	18145	1////

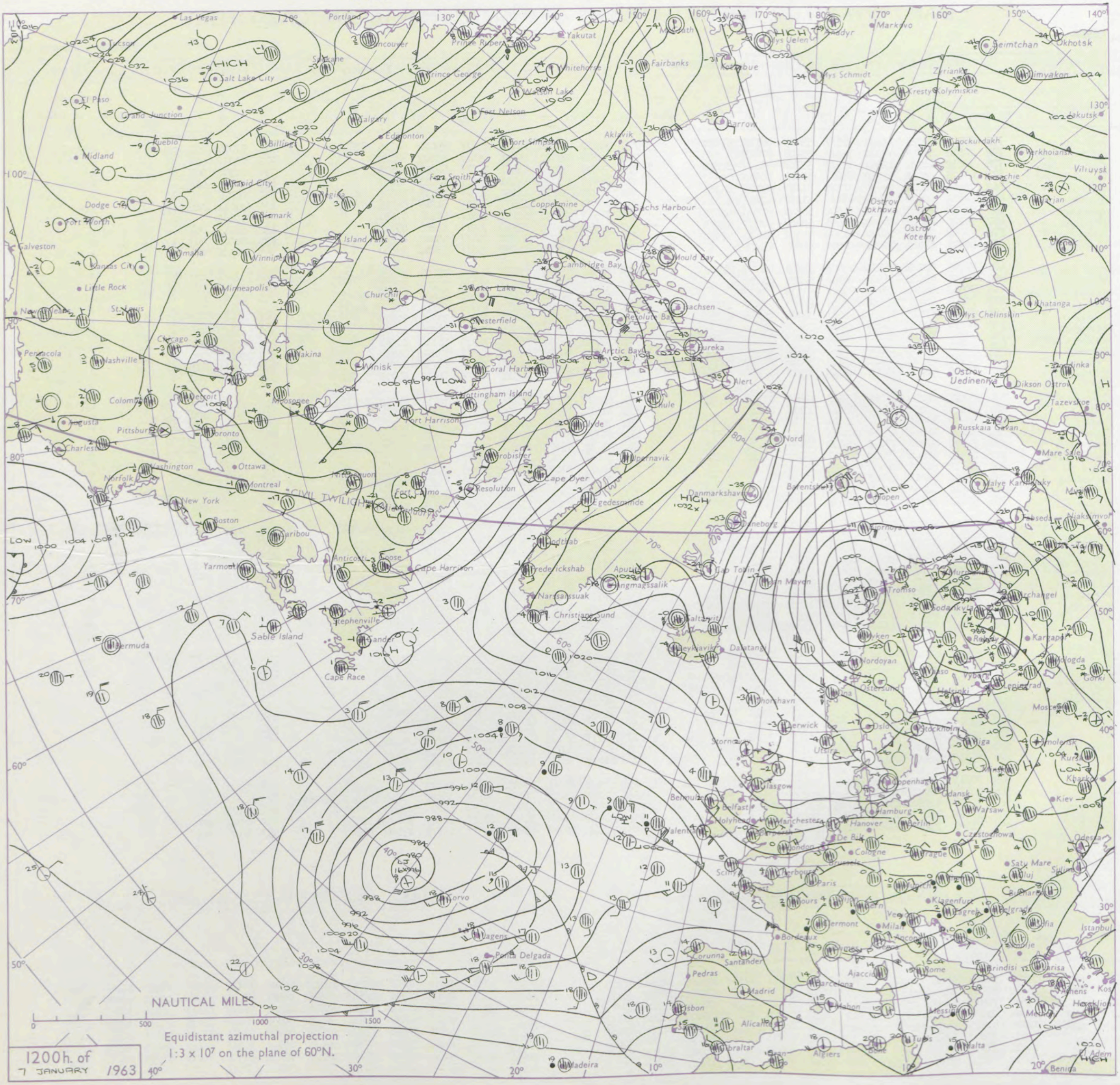
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_vapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20621	33218	30000	80021	22803	28540	00602	/////	/////	05453	100/0	14943
B	20565	51118	62303	69022	12602	21536	00507	82830	850//	05351	10945	1////
C	20528	35518	80722	61807	03007	674//	00307	86817	/////	00004	10749	1////
D	20440	41018	63426	69258	03812	62500	00315	86820	/////	05508	13547	1////
I	20589	19118	20820	97011	17406	13460	00205	81915	/////	05601	10744	11144
J	20524	20218	70925	97216	97011	6847/	00801	84815	86645	05108	10947	15852
K	20451	16418	81213	65606	02311	5737/	00610	85706	88460	05409	100/0	11642
M	23659	02618	73040	65858	09552	79400	32305	87915	/////	06655	18046	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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

Mean Sea surface isotherms for JANUARY 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 7 JANUARY 1963

0000h. of 8 JANUARY 1963

0600h. of 8 JANUARY 1963

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 8 January 1963

A belt of high pressure will persist across the North Sea from an anticyclone over east Greenland to another anticyclone over eastern Europe. A depression north of the Azores will continue to move on an eastnortheast track and an associated trough of low pressure will move northeastwards into the Bay of Biscay and western France. A small anticyclone will move east into the western Atlantic.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Weather will continue very cold in most parts of the British Isles with mainly large amounts of cloud and a few scattered light snow showers - mainly in eastern districts. Milder air, with rain, will affect parts of southwest England.

OUTLOOK for following 24 hours

Continuing cold in most areas. Milder, with rain in places, in parts of southwest England and possibly also in some other southern counties.

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

Code FM 11.A

OBSERVATIONS at 00h. 8 January 1963

Station	iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s C_s h_s$	$8N_s C_s h_s$	$8N_s C_s h_s$
Kew	775			50					
London Airport	772	80512	62032	16551	855//	55000	88625		
Gatwick	776	80303	74021	15953	25507	55103	82625	88275	
Thorney Island	871	80202	80022	16553	10937	55310	81362	88270	
Hurn	862	73606	62012	16253	757//	54212	84632	87650	
Guernsey	894	80906	60052	14403	854//	51109	84616	87620	
Wattisham	590	70612	62018	17351	756//	54400	87631		
Gorleston	497	80816	62022	18901	855//	00106	88624		
Mildenhall	578	80808	74032	18250	856//	55104	88632		
Cardington	559	70311	59012	17951	756//	53204	87632		
West Raynham	485	70715	80032	18751	756//	55308	87635		
Wittering	462	70810	74022	19251	756//	53102	87640		
Boscombe Down	746	70202	62021	17153	756//	54209	87632		
Ross-on-Wye									
Bristol	628	80209	59021	17953	855//	55206	88629		
Aberporth	502	10908	66021	17554	00902	57107	81070		
Rhoose (Cardiff)	715	70610	62021	17253	50972	55210	85360		
Plymouth	827	80615	56022	15200	855//	51005	88620		
Chivenor	707	50910	61012	16251	35730	54110	83650		
St. Mawgan	817	80917	56022	14150	864//	51104	88714		
Culdrose	809	80913	57606	14003	854//	01110	85708	88615	
Scilly	804	81316	58606	11407	854//	04104	88614		
Elmdon	534	80510	66021	18452	856//	55000	88633		
Shawbury	414	80301	58031	19754	856//	55107	88635		
Manchester	334	60000	59021	20353	657//	54106	86656		
Squires Gate	318	60705	28041	20453	657//	55108	86656		
Valley	302	71303	61022	18451	20938	56206	82365	87270	
Ronaldsway	204	71128	80022	19502	785//	54104	83825	87635	
Carlisle	222	70707	62031	22451	3565/	56104	83648	87358	
Watnall	354	70608	61032	19853	756//	55102	87640		
Spurn Head	396	50815	63012	19901	55600	54101	85630		
Finningley	360	70605	58032	20951	756//	55107	87631		
Dishforth	261	70605	83012	25451	45608	53105	81640	87270	
Tynemouth	262	61020	79021	22403	6097/	55109	86358		
Eskdalemuir									
Mull of Galloway	131	61626	80031	20602	32408	53202	83818	86270	
Prestwick	135	70806	66032	21951	756//	52102	87645		
Renfrew	141	70907	32047	23101	65536	52104	83625	86630	87070
Leuchars	171	70410	66028	23102	734//	52303	84915	87630	
Dyce	091	63404	58018	25451	15606	52007	81640	86270	
Wick	075	60908	86021	26000	35608	53109	83635	85275	
Cape Wrath	049	60202	86022	26100	25609	00213	82630	86170	
Sule Skerry	010	60902	82022	25803	335/5	53210	83925	86070	
Lerwick	005	23406	82031	25755	25600	61106	82630		
Stornoway	026	71006	83021	25402	11506	52606	81825	87275	
Benbecula	022	60912	86021	23501	11538	01103	81823	83359	85270
Tiree	100	70813	89021	22402	12576	55000	81825	84462	87275
Aldergrove	917	61212	80031	19701	656//	54104	86635		
Malin Head	980	41220	83028	19504	22532	55802	82825	83351	
Belmullet	976	11110	66011	15600	10932	53100	81359		
Birr	965	31016	74011	15900	35600	54201	83640		
Collinstown	969	51214	74012	17504	555//	56205	85630		
Rineanna	962	61017	69031	14500	6093/	55102	86359		
Roches Point	952	81019	74022	13104	855//	52301	88627		
Valentia	953	71023	74258	10304	725//	52204	87827		

OBSERVATIONS at 06h. 8 January 1963

Station	iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s C_s h_s$	$8N_s C_s h_s$	$8N_s C_s h_s$
Kew	775	80512	56022	16100	864//	53201	88712		
London Airport	772	70410	59022	17150	756//	52002	87638		
Gatwick	776	80102	70022	16551	854//	54701	82618	88632	
Thorney Island	871	80306	69022	16651	856//	54400	88641		
Hurn	862	50105	62031	16454	35630	56400	83640	83360	
Guernsey	894	80909	60052	14903	854//	51005	85615	87622	
Wattisham	590	80509	60702	18051	855//	55000	88627		
Gorleston	497	60718	62012	18701	65500	00802	86624		
Mildenhall	578	80707	80022	18750	856//	53400	88630		
Cardington	559	80311	63707	18551	855//	53201	88628		
West Raynham	485	80716	80032	19451	855//	54601	88629		
Wittering	462	70813	80022	19651	756/8	56801	87636		
Boscombe Down	746	80606	62022	17352	856//	53801	88634		
Ross-on-Wye	627	80511	70022	17851	864//	53400	88710		
Bristol	628	80407	62022	18153	856//	54801	88630		
Aberporth	502	00907	66020	17553	00900	57805			
Rhoose (Cardiff)	715	80711	62031	17351	855//	54802	88628		
Plymouth	827	50810	58012	15451	25632	54801	82645	83358	
Chivenor	707	41010	48011	16652	15801	54500	81657	83075	
St. Mawgan	817	80916	56022	14451	856//	53302	88630		
Culdrose	809	80917	37616	13702	863//	01805	88708		
Scilly	804	81317	58026	11606	854//	04102	88614		
Elmdon	534	70607	66022	19153	45630	56202	84640	85365	
Shawbury	414	70604	56042	19953	756//	55601	87637		
Manchester	334	33605	66011	20053	15706	55702	81656	83275	
Squires Gate	318	70508	59022	20754	10948	57801	81365	87272	
Valley	302	70807	61022	19051	60938	53603	86365	87270	
Ronaldsway	204	71125	74022	20201	48678	55601	82830	83645	87275
Carlisle	222	70406	66032	22751	65641	54501	86645		
Watnall	354	70711	66031	20153	45632	56801	84640	84075	
Spurn Head	396	51012	63031	20802	55600	53803	85630		
Finningley	360	40308	59021	21353	00902	55101	84070		
Dishforth	261	80105	83032	21851	55607	54702	84640	88270	
Tynemouth	262	70915	74022	22303	7097/	55203	86358		
Eskdalemuir	162	70507	58707	23852	755//	52803	87622		
Mull of Galloway	131	61616	82012	20902	685//	54201	84825		
Prestwick	135	71204	74032	22252	757//	53000	87650		
Renfrew	141	70908	56047	23300	3843/	51401	81815	83635	86360
Leuchars	171	20212	74268	23850	12501	51603	81820		
Dyce	091	70105	62031	25952	785//	55703	81820	87635	
Wick	075	70000	86022	26555	756//	56101	87630		
Cape Wrath	049	63409	86022	25900	00905	54702	86270		
Sule Skerry	010	71105	82032	25803	726//	00400	85825	87630	
Lerwick	005	63307	82021	26252	654//	55801	82617	86632	
Stornoway	026	71210	83022	25602	10946	52804	81362	87275	
Benbecula	022	71013	86032	23203	11536	01806	81825	83360	87273
Tiree	100	81019	86032	22303	6857/	54803	82822	86643	88165
Aldergrove	917	71213	66022	19901	756//	54602	87631		
Malin Head	980	71320	80858	19852	735//	53703	87927		
Belmullet	976	61213	70011	14951	6093/	53708	86359		
Birr	965	71012	74022	16051	756//	54801	87642		
Collinstown	969	71215	74032	17601	5553/	55703	85627	87630	
Rineanna	962	81023	69021	13601	856//	53806	88645		
Roches Point	952	81019	56586	12703	873//	02802	85708	88712	
Valentia	953	81121	74022	09105	825//	02706	88828		

OBSERVATIONS during NIGHT

Station	iii	RRT n T E	Tg Tg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97506	52 +		ps_0
London Airport	772	00516	52 +		+
Gatwick	776	97547	56 +		is_0
Thorney Island	871	00546	56 +		+
Hurn	862	00556	58 +		+
Guernsey	894	00031	02 +		+
Wattisham	590	97515	52 +		is_0
Gorleston	497	00003	51 +		+
Mildenhall	578	00516	54 +		+
Cardington	559	97526	56 +		is_0
West Raynham	485	00557	57 +		+
Wittering	462	00537	55 +		+
Boscombe Down	746	00547	55 +		+
Ross-on-Wye	627	00537	+		+
Bristol	628	00537	54 +		+
Aberporth	502	00547	59 +		+
Rhoose (Cardiff)	715	00546	55 +		+
Plymouth	827	00525	54 +		+
Chivenor	707	00533	55 +		+
St. Mawgan	817	00523	52 +		+
Culdrose	809	97021	01	$ir_0 id_0$	$r_0 r_0$
Scilly	804	91051		ir_0	+
Elmdon	534	00557	57 +		+
Shawbury	414	00577	62 +		+
Manchester	334	00545	58 +		+
Squires Gate	318	00555	57 +		+
Valley	302	00533	56 +		+
Ronaldsway	204	00013	51 +		+
Carlisle	222	00535	56 +		+
Watnall	354	00547	54 +		+
Spurn Head	396	00010	+		+
Finningley	360	00537	55 +		+
Dishforth	261	00526	55 +		+
Tynemouth	262	97021	50 +		prs_0
Eskdalemuir	162	97557	57 +		is_0
Mull of Galloway	131	00013			
Prestwick	135	00533	57 +		+
Renfrew	141	97503	52 +	is_0	+
Leuchars	171	08517	53 +	$pHps_0ps$	$p3ps_0$
Dyce	091	93549	57 +	ps_0	ps_0
Wick	075	00559	57 +		+
Cape Wrath	049	00516	54 +		+
Sule Skerry	010	00016	51		
Lerwick	005	00557	58 +		+
Stornoway	026	00015	52 +		+
Benbecula	022	00015	53 +		+
Tiree	100	00503	54 +		+
Aldergrove	917	00515	53 +		+
Malin Head	980	97020	01		
Belmullet	976	00521	53		
Birr	965	97515	54		
Collinstown	969	00513	52		
Rineanna	962	00513	52		
Roches Point	952	01031	02		
Valentia	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.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s C_s h_s$	$8N_s C_s h_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	30621	33300	70609	80030	24503	755//	00208	/////	/////	05452	10621	14943
B	30565	51000	51808	69022	13702	55500	00003	85630	/////	05353	10944	1////
C	30528	35500	80518	63508	05608	2742/	04008	82715	88450	00006	10647	1////
D	30440	41000	63413	65808	08311	62560	00120	86825	/////	05106	13357	1////
I	30590	18800	61119	98028	17406	685//	11002	85825	/////	05602	11044	10745
J	30524	20000	71617	98036	97311	52502	00210	85820	87075	05108	11635	15841
K	30452	16500	81424	50516	99112	874//	00821	88711	/////	05211	11445	1////
M	33659	01300	73044	65268	08800	79400	61108	87915	/////	06251	18048	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s C_s h_s$	$8N_s C_s h_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	30620	33006	70314	80022	24303	785//	00601	/////	/////	05452	10322	1////
B	30565	51006	82312	69022	14202	32407	00202	83815	882//	05355	10944	12222
C	30528	35506	70513	65028	07108	00970	00312	87358	/////	00106	10636	1////
D	30440	41006	53424	63808	11612	62500	00119	86825	/////	05506	13446	1////
I	30590	19006	61223	98258	16006	63400	40708	81918	85825	05704	11144	10757
J	30524	19906	81715	98022	97811	42571	00301	84820	88362	05107	11734	14978
K	30450	16106	81608	20285	96513	871//	31710	88702	/////	00013	11454	1////
M	33657	01406	83035	60858	13950	894//	61327	87915	/////	06350	18049	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36938

Date of Issue Wednesday 9 January 1963

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

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	70510	62268	17901	6843/	52803	82814	85820	85635
London Airport	772	70310	37227	18501	7541/	52101	84613	87625	
Gatwick	776	70506	48017	17901	7541/	53801	82618	87635	
Thorney Island	871	70509	58012	17801	7561/	52400	87640		
Hurn	862	70612	58022	16801	7551/	51804	87626		
Guernsey	894	71011	50052	15703	7551/	51003	82710	83625	86640
Wattisham	590	70612	63227	19350	7551/	53002	84622	87640	
Gorleston	497	50717	64022	20301	31531	53801	83824	83078	
Mildenhall	578	10711	70011	20000	11532	55801	81825		
Cardington	559	30111	63267	19852	35600	53004	83640		
West Raynham	485	40615	80011	20651	15602	57004	81630	84070	
Wittering	462	10815	69011	21051	15600	51801	81645		
Boscombe Down	746	70608	58227	18551	7561/	53002	87640		
Ross-on-Wye	627	80705	60262	19652	8641/	52105	88710		
Bristol	628	70610	61022	19451	7561/	54104	87630		
Aberporth	502	71310	80031	18351	25606	55203	82645	86070	
Rhoose (Cardiff)	715	70816	64022	18051	7551/	54000	87628		
Plymouth	827	60814	58021	15901	00905	53802	86075		
Chivenor	707	21108	59011	16901	15401	53001	81613		
St. Mawgan	817	60910	61032	14902	18501	54801	81820	86070	
Culdrose	809	81016	62010	14603	8541/	01400	86708	88615	
Scilly	804	81323	56505	12506	8541/	04106	88613		
Elmdon	534	10810	40031	20052	18500	55000	81820		
Shawbury	414	10805	56040	21252	15630	55303	81635		
Manchester	334	51011	59022	21500	15632	51400	81635	83365	
Squires Gate	318	30610	35041	21950	35602	54102	83630		
Valley	302	40909	66031	20101	15546	55103	81628	84072	
Ronaldsway	204	51027	80031	21402	52531	53005	85828		
Carlisle	222	70506	66022	23901	5853/	52303	82825	85640	86359
Watnall	354	30911	58021	21201	30931	55000	83363		
Spurn Head	396	51015	66031	21901	48504	55004	83825	83630	
Finningley	360	40706	56011	22500	14632	54001	81830	83075	
Dishforth	261	70406	80022	22901	7551/	52000	87625		
Tynemouth	262	71116	74028	23804	7861/	53105	84830	87640	
Eskdalemuir	162	70709	58717	24952	7721/	52104	87704		
Mull of Galloway	131	61620	82022	22403	6851/	52203	83820	86630	
Prestwick	135	60910	66031	23402	2857/	52002	81825	85363	
Renfrew	141	70911	28047	24402	7841/	50204	83815	85618	87656
Leuchars	171	70617	80011	25003	7851/	53004	82825	87640	
Dyce	091	71106	40268	27302	7851/	53103	83820	86630	
Wick	075	71203	89031	26902	7851/	55400	81820	86630	
Cape Wrath	049	40902	86022	26801	45600	00210	84630		
Sule Skerry	010	51405	81012	26804	53500	53208	85925		
Lerwick	005	73505	82021	27352	7851/	54005	81820	87640	
Stornoway	026	41113	89011	26504	15502	54101	81627	84070	
Benbecula	022	71110	89032	24703	25736	55108	81650	87270	
Tiree	100	71122	89012	23503	7851/	52206	82825	85632	87650
Aldergrove	917	31214	83031	20902	38502	53105	83825		
Malin Head	980	71515	85168	21003	7351/	53005	82924	85827	87650
Belmullet	976	71114	74031	15601	3567/	52005	83630	87359	
Birr	965	71215	77012	17001	7561/	53103	87643		
Collinstown	969	71220	82022	19201	35608	54005	83630	87270	
Rineanna	962	81121	69707	15401	8742/	00210	85718	87640	88460
Roches Point	952	81023	61216	14404	8641/	51109	86715	88634	
Valentia	953	71020	69022	10806	76400	01309	85718	87635	

OBSERVATIONS at 18h. 8 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
775	10517	82028	19751	11500	56310	81820		
772	20513	48018	19351	11401	55206	81818		
776	10410	58017	18651	15500	55209	81625		
871	60412	56051	17950	656//	53303	83635	83656	
862	00408	58011	17551	00900	52204			
894	70814	48052	15603	785//	51304	83825	87635	
590	50409	70011	20153	55500	57005	85625		
497	50720	62022	20300	31531	54201	83824		
578	20405	66010	20854	20930	57103	82358		
559	10410	58021	20856	10931	56206	81362		
485	30513	74011	21454	24502	57006	82630		
462	10710	59010	21953	10930	56107	81360		
746	70711	56022	18751	756//	52201	86711	87640	
627	30606	60011	19853	00901	55104	83075		
628	40512	58012	19853	10942	55307	81360	84075	
502	70911	62031	18852	7095/	55210	87359		
715	10816	58051	18651	18400	53308	81815		
827	70609	37042	16101	7551/	52205	87623		
707	31010	58030	17350	10932	52207	81360	83075	
817	10914	37051	15351	10930	53105	81362		
809	80917	56606	14504	855//	01302	84712	88620	
804	71218	59012	12306	7551/	01104	87625		
534	50607	30041	21054	00902	56208	85075		
414	70508	61021	21655	10938	59108	81363	87270	
334	20810	40021	21952	15602	57106	81640		
318	30808	22041	22153	00905	56104	83070		
302	70812	48041	20451	00908	56101	87270		
204	61030	62042	21602	52501	55202	85825	85075	
222	30806	59021	24752	30931	55211	83359		
354	20711	48041	22355	00901	57006	82075		
396	21015	63011	22202	22600	53203	82830		
360	00706	58011	23153	00900	56107			
261	70000	79012	23601	756//	51206	87638		
262	71112	74168	24603	856//	52106	88630		
162	80606	62707	25451	855//	51105	88624		
131	71418	82022	22102	785//	52204	83825	85630	
135	70810	74022	23701	75531	51204	81625	87643	
141	71111	23042	24902	755//	51205	83620	87640	
171	70615	82268	25703	785//	52205	82825	87640	
091	50000	37048	28056	32401	57208	83818	85075	
075	42605	80021	27455	45600	57003	84635		
049	20902	86020	27501	25600	53207	82630		
010	51602	84012	27003	2563/	52400	82630	85360	
005	80000	58718	27451	8052/	51801	88521		
026	31213	87020	26503	15602	54001	81630	83075	
022	61007	89012	24801	55708	54108	85650		
100	61023	86028	23603	685//	52400	83820	85650	
917	61115	58011	21301	35631	01202	83630	86070	
980	71415	83018	21103	785//	53002	84824	87650	
976	81218	69022	16001	2567/	53304	82630	88458	
965	71010	77022	17300	754//	53002	81716	87638	
969	71016	66032	19101	655/8	56500	85625	86640	87270
962	81022	69027	15402	6577/	54003	86656	88460	
952	80920	58052	14504	8641/	51208	85718	88634	
953	81118	66022	11605	8641/	00307	88716		

OBSERVATIONS during DAY

iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97016	005	ps_o	ps_o
772	97016	002	is_ops_o	ps_o
776	97017	001	is_o	is_o
871	00016	000	+	+
862	00016		+	+
894	00041	001	+	+
590	97005		is_o	+
497	00013	053	+	+
578	00016	053	+	+
559	97507	032	ps_o	+
485	00517	060	+	+
462	00007	064	+	+
746	97007	000	is_o	+
627	97507	013	ps_o	+
628	00507	000	+	+
502	00007	053	+	+
715	00506	011	+	+
827	00023	049	+	+
707	00023	060	+	+
817	00033	056	+	+
809	97041	000	+	ir_o
804	94071	000	id_o	+
534	00517	044	+	+
414	00517	041	+	+
334	00015	034	+	+
318	00015	043	+	+
302	00023	033	+	+
204	00031	035	+	+
222	00025	015	+	+
354	00017	055	+	+
396	00020	030	+	+
360	00007	047	+	+
261	97025	006	+	is_o
262	01041	018	$phph_o$	ph_oprs_o
162	94517	008	$ps_os_os_o$	ps
131	00033			
135	00023	020	+	+
141	93033	001	is_oif	+
171	97047	002	+	prs_o
091	97028	027	ps_opSps	+
075	00039	024	+	+
049	00056		+	+
010	00046			
005	93007	018	$ps_os_os_os_o$	$is_os_os_o$
026	00045	035	+	+
022	00035	000	+	+
100	97043	000	pr_o	+
917	00035	038	+	+
980	9704	000		
976	0002	000		
965	0001	000		
969	0002	003		
962	9702	000		
952	9504	000		
953	0006	003		

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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HH_w$	$Id_wd_wP_HH_w$
A	30620	33112	70518	80802	27403	39508	00220	/////	/////	05600	10534	1////
B	30565	51012	72013	69153	18402	725//	00235	87821	/////	05354	10844	1////
C	30528	35512	20215	69021	11508	22500	00225	82825	/////	00004	10435	1////
D	30440	41012	43422	65158	17011	32501	00237	83825	/////	05403	13416	1////
I	30590	19312	60925	98808	17906	6344/	00009	83918	84640	05701	11245	10857
J	30524	19812	81118	97602	99611	5642/	00209	85713	88550	05108	11144	14918
K	30419	15712	71416	50818	94413	7841/	00714	85810	87626	00113	11554	12163
M	33659	01512	63230	60852	16900	69400	71005	84915	/////	06153	18149	1////

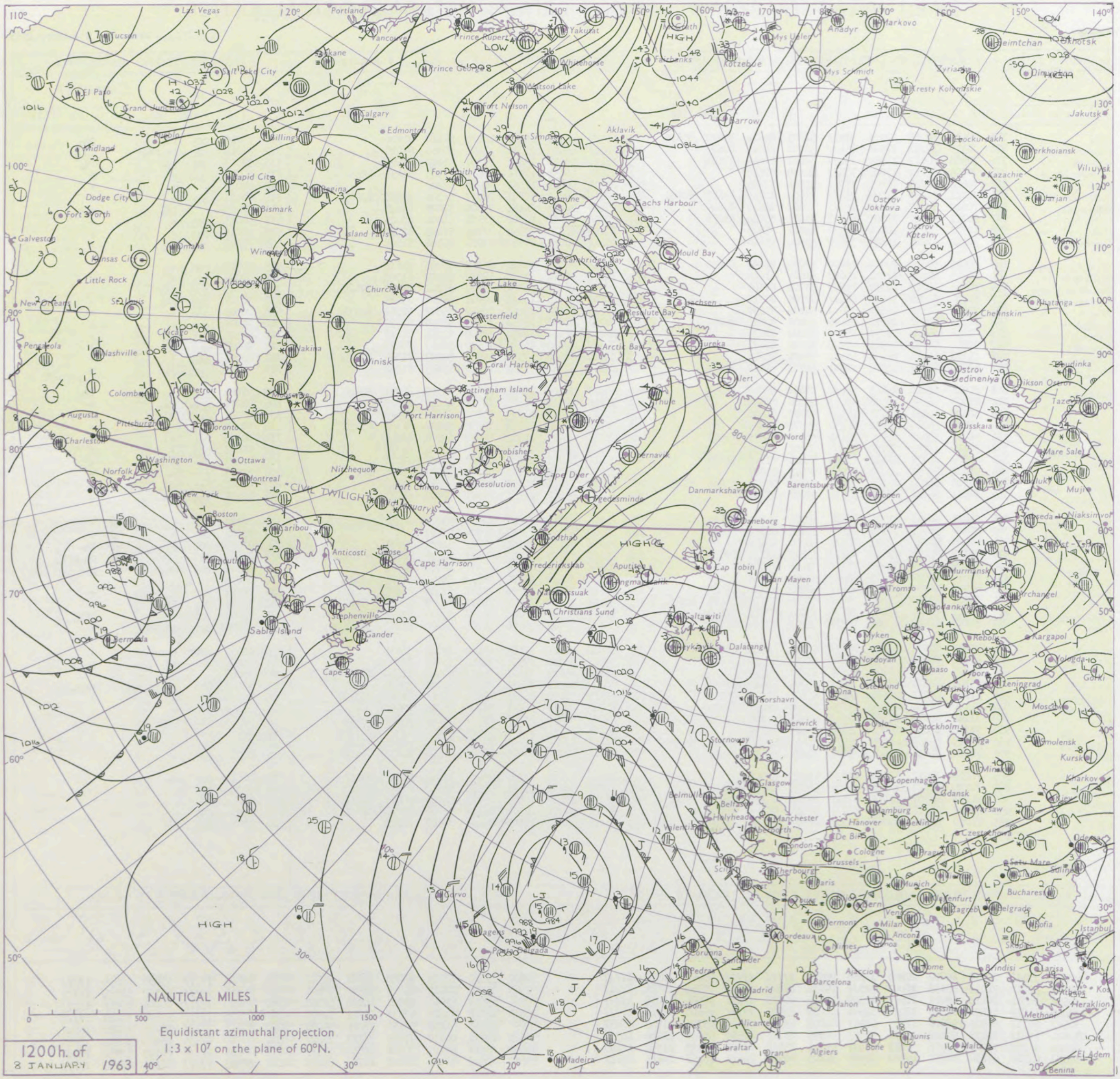
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HH_w$	$Id_wd_wP_HH_w$
A	30620	33318	70219	80022	29501	45548	00213	84624	/////	05853	10235	1////
B	30565	51018	72012	69858	20502	62401	00310	86815	/////	05352	12235	1////
C	30528	35518	63616	69021	14008	52502	00320	85825	/////	00004	10346	1////
D	30440	41018	33426	69258	19211	32500	00315	83825	/////	05504	13447	1////
I	30590	19318	51118	98158	18406	59400	30203	85918	/////	05703	11045	10947
J	30523	19918	80930	97616	98411	7742/	00302	87710	88550	05109	10945	15940
K	30450	15818	81418	30508	89314	8531/	00718	88608	/////	00113	11554	12463
M	33660	01618	83226	60268	18751	8941/	00107	88915	/////	06451	18243	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

Drizzle

Rain

Rain

Snow

Rain shower

Rain shower

Snow shower

Hail

Thunderstorm

WIND

Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE

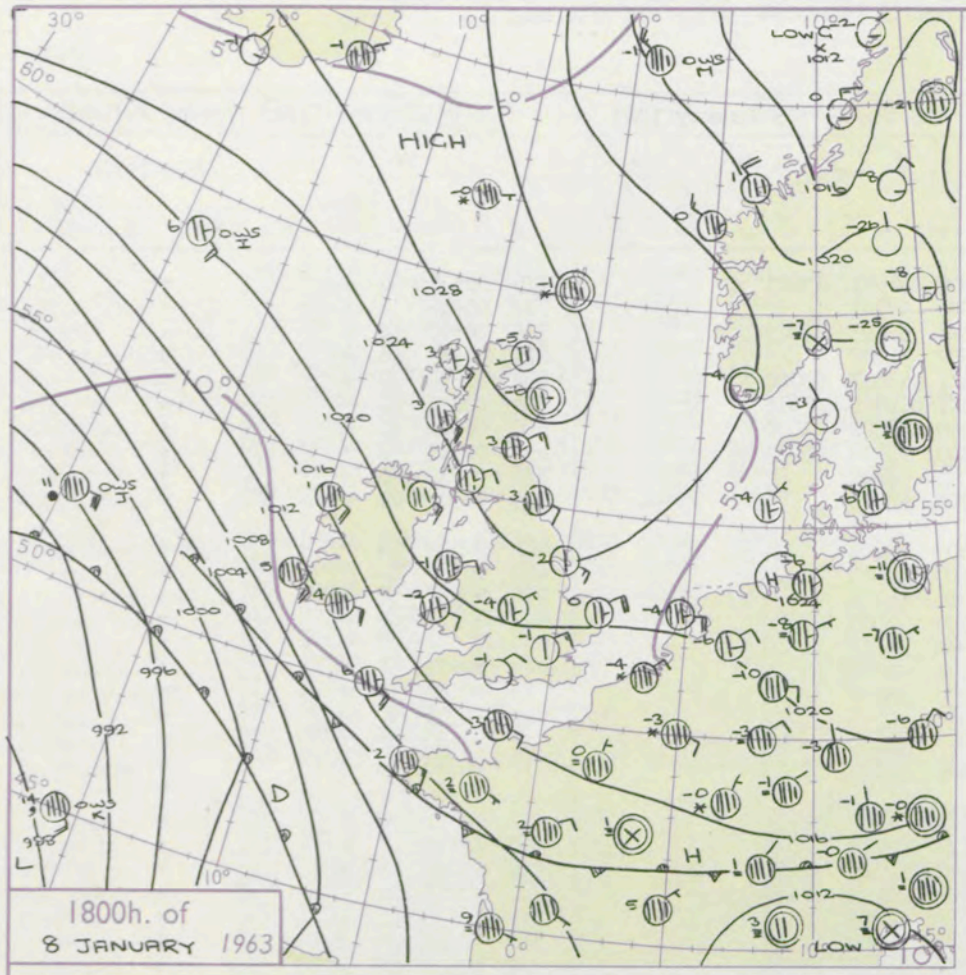
nation
mbols

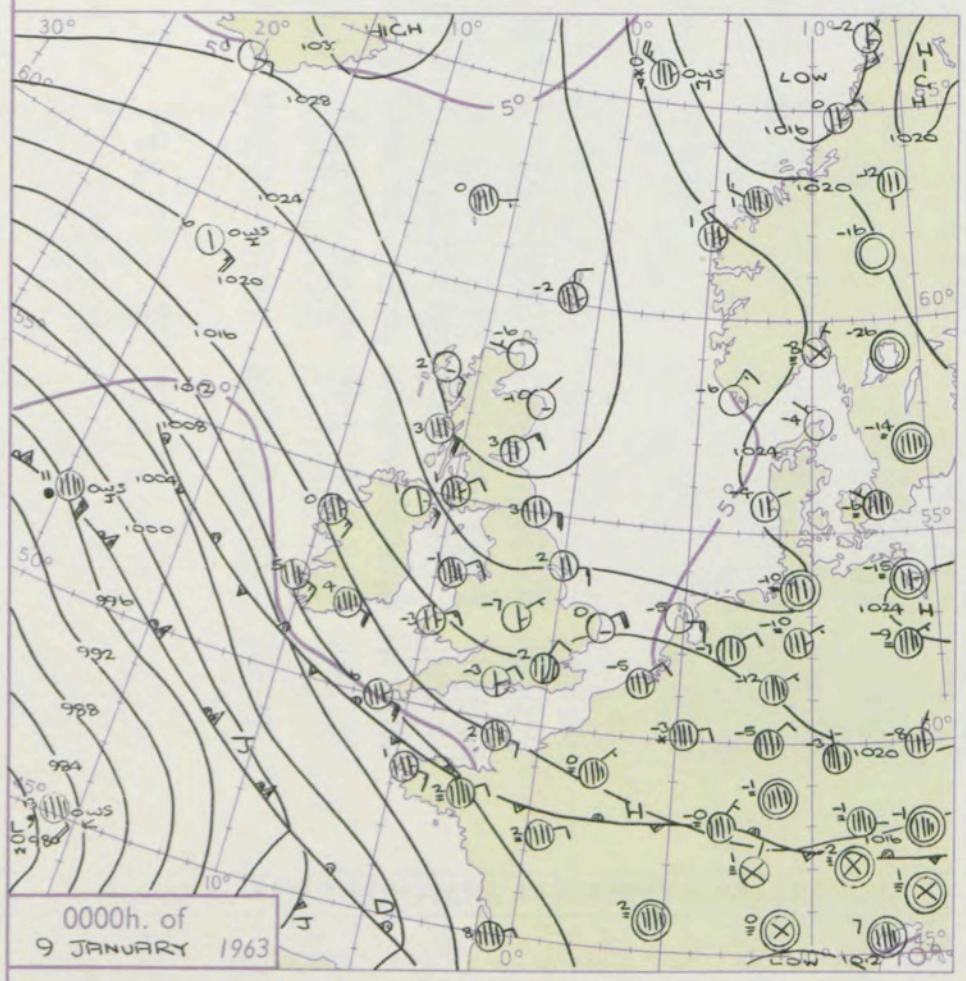
OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
obscured

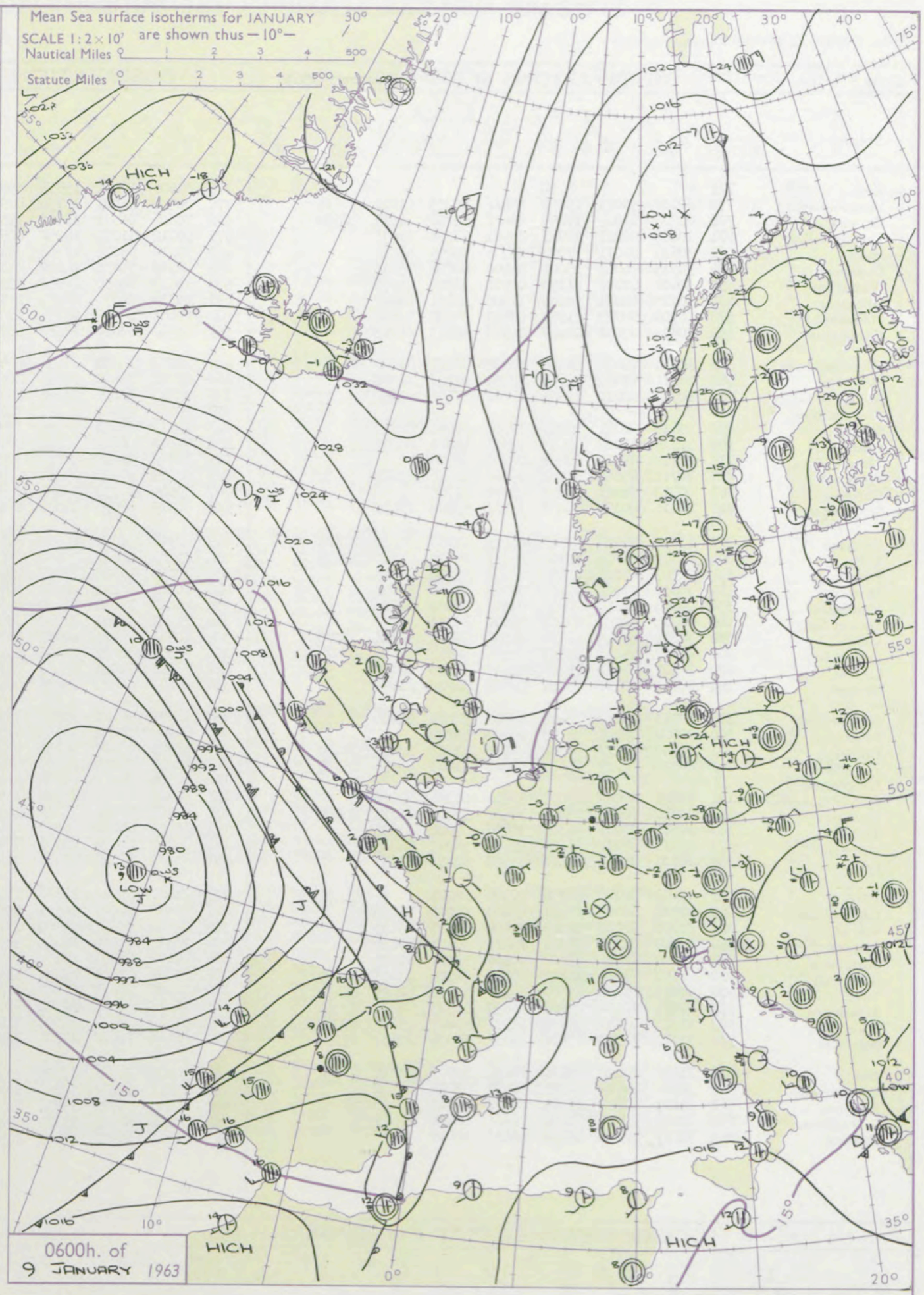
THER
Weather

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
er add
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 9 January 1963

A strong ridge of high pressure will persist from Iceland across the North Sea to the Baltic while a depression near ship KILO remains slow moving for a time but probably commences to move east and fill later. An anticyclone will persist near southeast Greenland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most parts of the British Isles will have sunny periods by day and clear periods at night and it will be very cold with severe night frost inland and temperatures near freezing in the afternoon. Snow showers will continue mainly in eastern areas north of the Wash. The Channel Isles, and parts of Cornwall and Devon will be more cloudy with rain at times on low ground and some snow on the moors.

OUTLOOK for following 24 hours. Little change.

Code FM 11.A

OBSERVATIONS at 00h. 9 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			52					
London Airport	772	80108	56021	19852	854//	55803	81611	88613	
Gatwick	776	80205	63027	19253	854//	55808	84615	88630	
Thorney Island	871	10408	62021	18953	00901	56801	81075		
Hurn	862	30612	58011	17953	357//	55808	83650		
Guernsey	894	50915	56052	15002	51400	00806	85815		
Wattisham	590	10608	61011	21253	00901	56305	81075		
Gorleston	497	10720	64031	20500	11500	54101	81820		
Mildenhall	578	10506	69020	21955	00902	59205	81070		
Cardington	559	10309	62011	21657	00900	59003	81275		
West Raynham	485	10614	74020	22654	00902	57207	81070		
Wittering	462	20611	62020	22854	10931	57103	81362		
Boscombe Down	746	20716	50011	19955	25700	57000	82656		
Ross-on-Wye									
Bristol	628	20610	61011	20355	20930	59804	82362		
Aberporth	502	50814	61022	19653	50931	58806	85365		
Rhoose (Cardiff)	715	00720	59010	18654	00900	56708			
Plymouth	827	70711	48042	15501	754//	52708	87615		
Chivenor	707	00913	58021	17353	00900	55705			
St. Mawgan	817	70816	40051	14851	755//	53808	87625		
Culdrose	809	81022	56026	13603	854//	01706	84612	88625	
Scilly	804	81221	61022	12106	884//	03802	85818	88625	
Elmdon	534	30707	48041	22057	00901	59000	83075		
Shawbury	414	70608	57022	22255	00908	57806	87270		
Manchester	334	20808	58010	22952	21501	56004	82820		
Squires Gate	318	00713	37041	23653	00900	55103			
Valley	302	70814	57042	21451	40930	55000	84364	87270	
Ronaldsway	204	41027	59021	23002	14504	54103	81625	83075	
Carlisle	222	70709	62021	25700	6563/	52105	86645		
Watnall	354	10713	60010	23454	00901	56202	81075		
Spurn Head	396	40915	63020	23602	42600	52205	84830		
Finningley	360	00304	48020	24253	00900	55202			
Dishforth	261	80707	40777	24800	884//	51203	83815	88630	
Tynemouth	262	60920	74028	25103	606//	51803	82830	86634	
Eskdalemuir									
Mull of Galloway	131	51120	82022	23802	52500	00204	85825		
Prestwick	135	70810	74021	25101	784//	52005	81818	86640	
Renfrew	141	30907	37041	26300	35600	52206	83635		
Leuchars	171	40715	82031	26803	42500	52202	84825		
Dyce	091	10201	28041	29160	15600	62101	81635		
Wick	075	02803	86010	28756	00900	58205			
Cape Wrath	049	40902	86022	29101	45600	00206	84630		
Sule Skerry	010	30000	82030	28503	31500	53203	83025		
Lerwick	005	73609	74027	28352	756//	54101	87635		
Stornoway	026	11209	83011	28402	00901	53207	81075		
Benbecula	022	61107	86011	26401	3563/	54204	83645	85360	
Tiree	100	61023	86012	25303	5853/	53209	82025	84650	
Aldergrove	917	31214	62011	22901	15630	51303	81630	83360	
Malin Head	980	71313	83012	22702	3253/	53207	83827	87358	
Belmullet	976	71217	74022	17500	2563/	54004	82635	87358	
Birr	965	71016	70022	18200	754//	53003	82715	87640	
Collinstown	969	31014	74012	20300	30930	57000	83360		
Rineanna	962	81123	62032	16001	855//	50603	84623	88656	
Roches Point	952	81020	66022	14404	855//	52801	88625		
Valentia	953	71017	66022	11805	4643/	00802			

OBSERVATIONS at 06h. 9 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	30508	66031	19553	35500	56501	83625		
London Airport	772	00308	66021	19754	00900	57801			
Gatwick	776	70606	66031	18953	755//	55803	87623		
Thorney Island	871	00612	61011	18252	00900	55702			
Hurn	862	30610	56011	17352	356//	53607	83640		
Guernsey	894	80917	50051	14202	854//	52605	87615		
Wattisham	590	10613	63030	20952	15500	56502	81630		
Gorleston	497	20719	64030	20401	21500	53802	82020		
Mildenhall	578	00605	69020	21756	00900	57602			
Cardington	559	00313	63020	21256	00900	50805			
West Raynham	485	00715	74020	22454	00900	56604			
Wittering	462	00710	74020	22555	00900	57604			
Boscombe Down	746	00717	48021	18954	00900	54307			
Ross-on-Wye	627	10602	77020	20957	15600	58400	81630		
Bristol	628	10612	61011	20055	10930	50501	81360		
Aberporth	502	70815	62021	18653	7093/	57606	87365		
Rhoose (Cardiff)	715	30722	62011	18053	30930	55605	83362		
Plymouth	827	80711	57042	13001	855//	51713	88623		
Chivenor	707	80914	58030	15951	855//	54709	83623	88635	
St. Mawgan	817	60913	58022	13050	655//	54712	86623		
Culdrose	809	80926	50022	12003	855//	01708	88620		
Scilly	804	81124	48022	09606	854//	02715	88619		
Elmdon	534	10808	66020	21655	00901	57101	81075		
Shawbury	414	10302	50041	22660	00908	60602	81270		
Manchester	334	61010	74031	22452	65700	58605	86656		
Squires Gate	318	70807	56041	23353	756//	55602	87640		
Valley	302	10710	66021	20852	10930	56302	81365		
Ronaldsway	204	70927	74031	22401	4153/	52703	84822	86357	
Carlisle	222	70708	74031	25451	6573/	52804	86650		
Watnall	354	00609	62021	23255	00900	56502			
Spurn Head	396	71006	59021	23002	755//	51605	87625		
Finningley	360	80404	59221	23652	855//	53704	88625		
Dishforth	261	63505	83017	24151	656//	52806	86645		
Tynemouth	262	60919	74022	25303	606//	54004	83830	86635	
Eskdalemuir	162	60504	74022	26654	656//	54802	86635		
Mull of Galloway	131	71122	80022	23302	755//	01708	87625		
Prestwick	135	10807	80011	25152	18541	54400	81820		
Renfrew	141	11006	66020	26451	15600	54300	81635		
Leuchars	171	70110	66278	26901	705//	51500	83025	85650	
Dyce	091	40000	37040	29461	00901	62202	84070		
Wick	075	22806	89020	28856	25600	58101	82630		
Cape Wrath	049	40902	86020	29501	45600	53204	84630		
Sule Skerry	010	82302	66861	29302	865//	02208	88725		
Lerwick	005	23510	80022	29454	28500	56303	81822		
Stornoway	026	51106	83021	28802	00906	53301	85275		
Benbecula	022	50807	86011	27001	15630	53302	81645	85362	
Tiree	100	11020	86011	26303	11500	55206	81825		
Aldergrove	917	61115	66021	22202	65600	53607	86630		
Malin Head	980	51420	83031	22504	4153/	54101	84825	85358	
Belmullet	976	71114	74022	17701	7093/	53500	87358		
Birr	965	70919	74022	17500	756//	53602	87640		
Collinstown	969	11017	74020	19700	10930	56303	81360		
Rineanna	962	61023	66021	15300	40932	55604	84359	86075	
Roches Point	952	80922	62022	13303	864//	52706	88719		
Valentia	953	71303	66022	11403	765//	52503	85720	87640	

OBSERVATIONS during NIGHT

Station	iii	RRT nE	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00536	54 +		+
London Airport	772	00546	56 +		+
Gatwick	776	00577	58 +		+
Thorney Island	871	00546	56 +		+
Hurn	862	00556	57 +		+
Guernsey	894	00011	00 +		+
Wattisham	590	00545	56 +		+
Gorleston	497	00513	52 +		+
Mildenhall	578	00566	60 +		+
Cardington	559	00506	60 +		+
West Raynham	485	00567	58 +		+
Wittering	462	00557	56 +		+
Boscombe Down	746	00557	57 +		+
Ross-on-Wye	627	00577	62 +		+
Bristol	628	00557	57 +		+
Aberporth	502	00537	58 +		+
Rhoose (Cardiff)	715	00556	55 +		+
Plymouth	827	00503	53 +		+
Chivenor	707	00533	55 +		+
St. Mawgan	817	00513	52 +		+
Culdrose	809	00051	02 +		+
Scilly	804	00051	+		+
Elmdon	534	00627	65 +		+
Shawbury	414	00617	67 +		+
Manchester	334	00535	59 +		+
Squires Gate	318	97545	56 +		is_o
Valley	302	00523	58 +		+
Ronaldsway	204	00010	51 +		+
Carlisle	222	97525	55 +		ps_o
Watnall	354	00567	60 +		+
Spurn Head	396	97011	+		prs
Finningley	360	97557	59 +		is_o
Dishforth	261	92516	54 is_o		is_o
Tynemouth	262	97031	51 +		+
Eskdalemuir	162	00567	61 +		+
Mull of Galloway	131	00013			
Prestwick	135	00543	58 +		+
Renfrew	141	00523	55 +		+
Leuchars	171	94517	52 ps_o		ph_ops
Dyce	091	00619	64 +		if
Wick	075	00509	56 +		+
Cape Wrath	049	00516	54 +		+
Sule Skerry	010	01016	59		
Lerwick	005	00567	60 +		+
Stornoway	026	00015	52 +		+
Benbecula	022	00005	54 +		+
Tiree	100	00013	51 +		+
Aldergrove	917	00505	52 +		+
Malin Head	980	00010	51		
Belmullet	976	00003	52		
Birr	965	00515	52		
Collinstown	969	00503	52		
Rineanna	962	00000	51		
Roches Point	952	00021	01		
Valentia	953	00021	02		

CONVE TAB °C to

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

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33000	73613	80021	31501	55508	00205	/////	/////	05954	13634	1////
B	40565	51000	61813	69028	24002	35630	00215	83635	/////	05353	12035	1////
C	40528	35500	33622	69020	15307	31500	00203	83825	/////	00002	13647	1////
D	40440	41000	63421	69021	24011	64600	00220	86640	/////	05504	13446	1////
I	40590	18800	21024	98018	19206	22500	21804	82820	/////	05602	11043	10758
J	40522	19500	81135	96636	96711	874//	21300	88710	/////	00110	16141	1////
K	40451	15900	81218	20505	83213	854//	00731	88610	/////	05013	11254	12463
M	43658	01800	73225	60858	20100	79400	00212	87915	/////	06253	13348	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33006	73518	56858	31701	794//	22400	87912	/////	05850	13534	1////
B	40565	51006	61814	69031	25802	62500	00310	86820	/////	05353	11845	1////
C	40528	35506	23622	69011	15507	21500	00313	81825	/////	00004	13648	1////
D	40440	41006	43220	69031	24311	44600	00308	84630	/////	05505	13445	1////
I	40589	18806	20924	98030	19806	28500	00004	82820	/////	05604	11043	10856
J	40524	19806	81138	96206	96310	864//	61303	88710	/////	05109	16142	1////
K	40449	15906	83210	20515	79413	862//	00606	88705	/////	00013	100/0	11466
M	43657	02006	53327	65018	20851	59400	00101	83915	/////	06555	13347	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36939 — Date of Issue Thursday 10 January 1963

OBSERVATIONS at 12h. 9 January 1963 (Code FM 11.A)

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	00622	66020	20301	00900	56002			
London Airport	772	00620	58020	20601	00900	55002			
Gatwick	776	00619	66021	19550	00900	55001			
Thorney Island	871	10615	69011	18750	15700	56801	81650		
Hurn	862	70509	58011	17551	755//	51806	82625	87632	
Guernsey	894	70921	56052	14302	754//	52001	87615		
Wattisham	590	10809	74020	22601	11500	55003	81825		
Gorleston	497	20816	64020	19901	11540	52810	81820		
Mildenhall	578	10910	69030	22801	11500	54001	81820		
Cardington	559	10309	59030	22752	10930	55008	81368		
West Raynham	485	10713	69020	23751	11530	53005	81820		
Wittering	462	10710	62010	24051	00901	54004	81075		
Boscombe Down	746	10818	48020	19552	15600	56002	81630		
Ross-on-Wye	627	10707	70020	20651	00901	55804	81077		
Bristol	628	10617	66020	20052	10930	55802	81364		
Aberporth	502	10914	85021	18600	10931	57805	81365		
Rhoose (Cardiff)	715	10827	69020	18152	10930	56804	81365		
Plymouth	827	80718	58692	14000	855//	51302	83712	88625	
Chivenor	707	70914	66031	16351	4545/	54003	84616	87367	
St. Mawgan	817	80920	56022	12600	854//	53805	86708	88615	
Culdrose	809	81028	28052	11604	854//	02801	85707	88610	
Scilly	804	81128	56022	09105	854//	03803	88616		
Elmdon	534	10811	60020	22552	11401	55001	81818		
Shawbury	414	10807	50040	23353	00901	55003	81070		
Manchester	334	71011	40038	23701	756//	54004	82635	87650	
Squires Gate	318	71011	48047	24301	785//	51002	82719	87650	
Valley	302	20818	74020	21701	11501	55003	81825		
Ronaldsway	204	71030	80022	23703	784//	53006	84818	86650	
Carlisle	222	50508	74018	26902	48531	53004	82828	84645	
Watnall	354	70811	59031	24001	785//	52001	81825	87645	
Spurn Head	396	71008	63028	24401	745//	01006	87625		
Finningley	360	80706	48227	24900	856//	51001	88630		
Dishforth	261	70608	83032	25602	755//	53003	81625	87635	
Tynemouth	262	60922	74022	27204	626//	54810	86830		
Eskdalemuir	162	30403	70012	28151	35601	53005	83635		
Mull of Galloway	131	51125	82012	25002	52500	51205	85825		
Prestwick	135	20910	82011	26902	18501	53207	81828		
Renfrew	141	70711	25261	27602	784//	51005	82818	86630	
Leuchars	171	20405	74018	28500	29400	52007	81918		
Dyce	091	73406	37048	29852	784//	52004	81709	83818	86622
Wick	075	30000	86011	30452	35500	55206	83620		
Cape Wrath	049	40902	86020	30802	45600	51208	84630		
Sule Skerry	010	61405	81038	30103	685//	01207	84820	86625	
Lerwick	005	60110	48851	30551	684//	52106	84812		
Stornoway	026	20907	89021	30703	28501	53109	81822		
Benbecula	022	30911	89021	29303	11532	54111	81826	83075	
Tiree	100	70815	89031	28103	785//	52210	81822	83627	87635
Aldergrove	917	80912	59268	24301	885//	51109	83820	86640	
Malin Head	980	31327	85011	24404	28501	55006	81826	83070	
Belmullet	976	51021	80012	19603	16532	53008	81722	83358	85070
Birr	965	30819	80011	18602	35600	53003	83645		
Collinstown	969	31020	83020	21103	21532	54005	82525	83070	
Rineanna	962	40926	74021	16202	35601	57207	83630	84070	
Roches Point	952	71028	74012	14302	755//	53107	87625		
Valentia	953	71118	66022	11004	68502	53002	85820	86640	87070

OBSERVATIONS at 18h. 9 January 1963 (Code FM 11.A)

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	70815	62031	20900	715//	53205	87825		
London Airport	772	60617	58031	20850	655//	53205	86625		
Gatwick	776	10612	74020	19852	00901	56301	81075		
Thorney Island	871	10716	74020	19051	00901	56306	81070		
Hurn	862	10710	66011	17551	10940	55103	81365		
Guernsey	894	80822	40052	13302	664//	51202	86710		
Wattisham	590	10710	70020	22751	15400	54302	81618		
Gorleston	497	70815	64031	19801	1557/	53602	81621	87360	
Mildenhall	578	30605	59030	23452	35700	55305	83650		
Cardington	559	10414	61020	22553	00901	54205	81075		
West Raynham	485	70610	74031	23551	756//	53702	87640		
Wittering	462	50910	58031	23852	55600	54205	85640		
Boscombe Down	746	10920	59020	19952	10940	58312	81360		
Ross-on-Wye	627	10706	63020	21353	00901	55112	81077		
Bristol	628	10612	62020	20352	10931	55205	81365		
Aberporth	502	10820	74020	18451	10931	53204	81365		
Rhoose (Cardiff)	715	10928	59010	18451	10930	54210	81362		
Plymouth	827	40825	59017	13401	25631	53208	81712	83358	
Chivenor	707	10918	59011	15550	00902	56103	81072		
St. Mawgan	817	60925	50012	11701	65400	54305	86619		
Culdrose	809	80935	29052	10504	854//	01702	87705	88610	
Scilly	804	81333	48026	07506	854//	03706	88615		
Elmdon	534	10710	40040	22352	11531	55208	81825		
Shawbury	414	70706	40041	23553	756//	54211	87640		
Manchester	334	70812	48028	23501	755//	55308	83624	87635	
Squires Gate	318	10711	37041	24452	15501	55312	81640		
Valley	302	50817	59011	21800	00902	54309	86075		
Ronaldsway	204	50922	82022	23803	25501	55109	82645	84075	
Carlisle	222	70706	69021	26850	6863/	51205	81830	85640	
Watnall	354	70712	56028	24251	784//	52006	82815	87630	
Spurn Head	396	21013	63018	24402	25500	51202	82625		
Finningley	360	70406	48027	25000	756//	51105	87641		
Dishforth	261	10508	82011	25951	15600	56104	81640		
Tynemouth	262	60714	74028	26603	625//	00303	86825		
Eskdalemuir	162	60507	40701	28251	756//	51303	82708	87635	
Mull of Galloway	131	41122	80011	25403	32500	52308	83825		
Prestwick	135	20708	62041	26950	15771	51005	81650		
Renfrew	141	70711	37048	28201	785//	00304	81712	83825	85632
Leuchars	171	20312	74018	28900	28500	54208	81825		
Dyce	091	23504	56031	30554	25500	57105	81625		
Wick	075	32703	86011	31055	35500	59304	81620	83650	
Cape Wrath	049	30902	86020	31401	33600	54206	83930		
Sule Skerry	010	50602	82018	30703	3553/	02209	83625	84360	
Lerwick	005	63511	82028	30451	656//	53203	86640		
Stornoway	026	11107	89020	31602	11500	52309	81820		
Benbecula	022	10907	89020	30200	15501	54209	81626		
Tiree	100	10713	89011	28702	11500	53206	81825		
Aldergrove	917	50915	62018	24302	55500	53207	81625	85635	
Malin Head	980	61235	83031	25404	5151/	54312	85825	86070	
Belmullet	976	60917	78012	19802	11538	53211	81822	83358	86270
Birr	965	50715	81021	19001	25602	53309	82641	85073	
Collinstown	969	71030	66011	20802	725//	54103	87823		
Rineanna	962	20821	74011	16101	15602	52307	81635		
Roches Point	952	81031	58052	13403	855//	52004	88629		
Valentia	953	71018	75022	11104	785//	53211	86822	87650	

OBSERVATIONS during DAY

Station	iii	RRT T+E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	91016	065	+	+
London Airport	772	00016	061	+	+
Gatwick	776	00007	072	+	+
Thorney Island	871	00016	054	+	+
Hurn	862	00016		+	+
Guernsey	894	00031	000	+	+
Wattisham	590	00015		+	+
Gorleston	497	00013	058	+	+
Mildenhall	578	00016	072	+	+
Cardington	559	00006	069	+	+
West Raynham	485	00007	072	+	+
Wittering	462	00017	071	+	+
Boscombe Down	746	00517	062	+	+
Ross-on-Wye	627	00507	071	+	+
Bristol	628	00517	066	+	+
Aberporth	502	00016	068	+	+
Rhoose (Cardiff)	715	00516	067	+	+
Plymouth	827	97023	000	ir_0s_0	+
Chivenor	707	00013	020	+	+
St. Mawgan	817	00013	000	+	+
Culdrose	809	00040	000	+	+
Scilly	804	97061	000	ir_0	+
Elmdon	534	00517	072		
Shawbury	414	00007	064	+	+
Manchester	334	97025	005	is_0	+
Squires Gate	318	00035	007	+	+
Valley	302	00023	060	+	+
Ronaldsway	204	00030	000	+	+
Carlisle	222	00025	032	+	+
Watnall	354	97017	024	+	ps_0
Spurn Head	396	07030	001	prs_0	+
Finningley	360	94017	000	is_0	+
Dishforth	261	00026	011	+	+
Tynemouth	262	97041	008	+	pr_cps_0
Eskdalemuir	162	97017	037	+	is_0
Mull of Galloway	131	00033			
Prestwick	135	00043	057	+	+
Renfrew	141	97033	003	ps_0	ps_0
Leuchars	171	92027	019	$ph_0ps_0pr_0$	+
Dyce	091	91509	016	ps_0ps	ps_0
Wick	075	91029	041	+	is_0
Cape Wrath	049	00026		+	+
Sule Skerry	010	00056			
Lerwick	005	97507	027	ps_0	phs_0ph_0
Stornoway	026	00045	053	+	+
Benbecula	022	00035	049	+	+
Tiree	100	00043	011	+	+
Aldergrove	917	97035	001	ps_0	+
Malin Head	980	0005	056		
Belmullet	976	0003	020		
Birr	965	0002	051		
Collinstown	969	0003	045		
Rineanna	962	0003	024		
Roches Point	952	0003	000		
Valentia	953	0004	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	$N_hC_hC_MC_H$	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	40620	33112	33612	80028	33602	38500	00213	/////	/////	05752	13621	11944
B	40565	51012	21411	69030	27102	12505	00202	81820	/////	05353	10955	11734
C	40528	35512	83432	63258	15707	4757/	00103	84820	85362	00005	18640	1////
D	40440	41012	83208	69031	25210	24577	00203	82630	882//	05604	13445	1////
I	40590	19112	70922	97258	22807	6347/	00005	86918	/////	05504	11044	10856
J	40522	19512	81135	95615	00009	873//	21220	85708	88710	05308	16155	1////
K	40449	15712	82826	08586	84413	862//	61229	88703	/////	05012	12843	12466
M	43658	01812	63428	70038	22254	69400	00805	84915	/////	06454	13336	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33018	53609	80151	33702	39560	00301	/////	/////	05652	13621	11945
B	40565	51018	81112	69151	25703	7847/	00713	82815	86641	05151	10955	1////
C	40528	35518	83638	59808	12307	6742/	00712	86818	/////	00005	18654	1////
D	40440	41018	72306	69022	22411	24578	00608	82630	862//	05604	13443	1////
I	40591	19318	71023	97808	25106	734//	00209	83318	87645	05504	11045	11257
J	40522	19818	80936	96606	01009	5742/	62313	85710	88530	0547	15955	11668
K	40449	16018	82840	58016	89013	6557/	71238	86616	88460	05210	17858	12466
M	43660	02018	43328	60268	24451	4943	81208	83915	/////	06555	13348	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
9 JANUARY 1963

Explan
of sy

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Symbol

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WEA

Symbol

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Fog

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Symbol

For each
half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE

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mbols

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

THER
Weather

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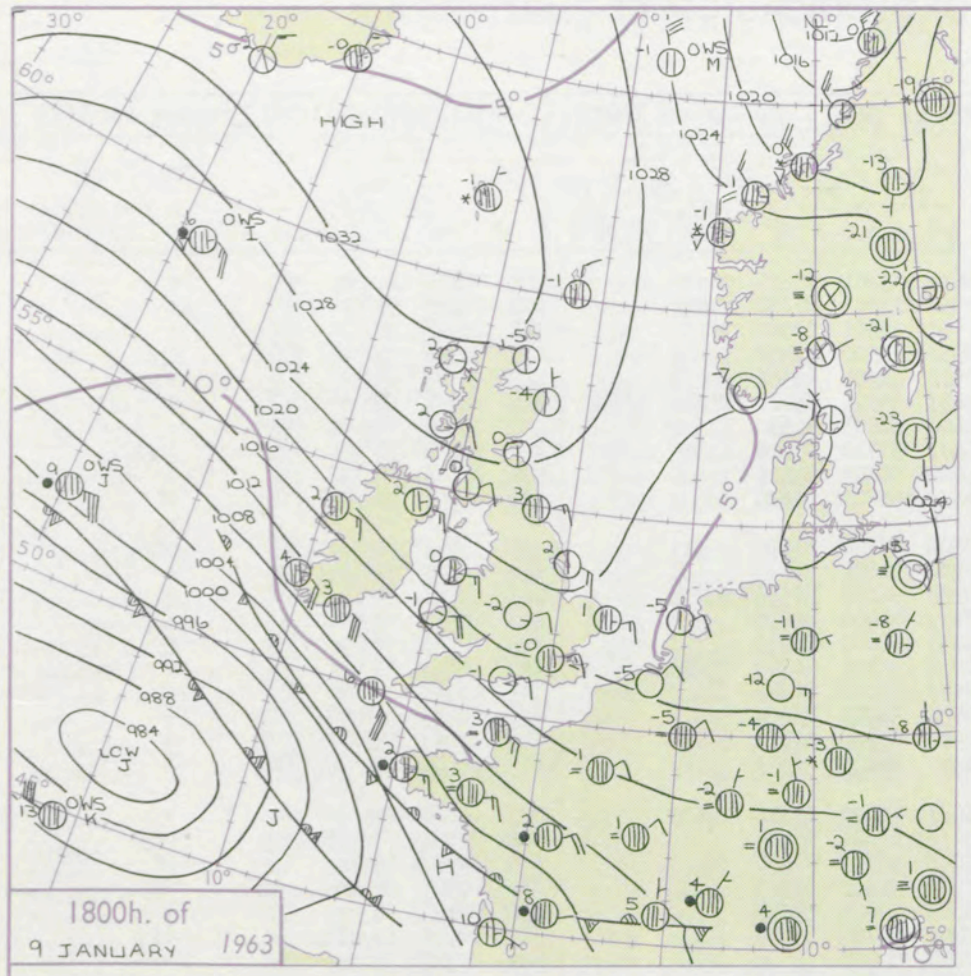
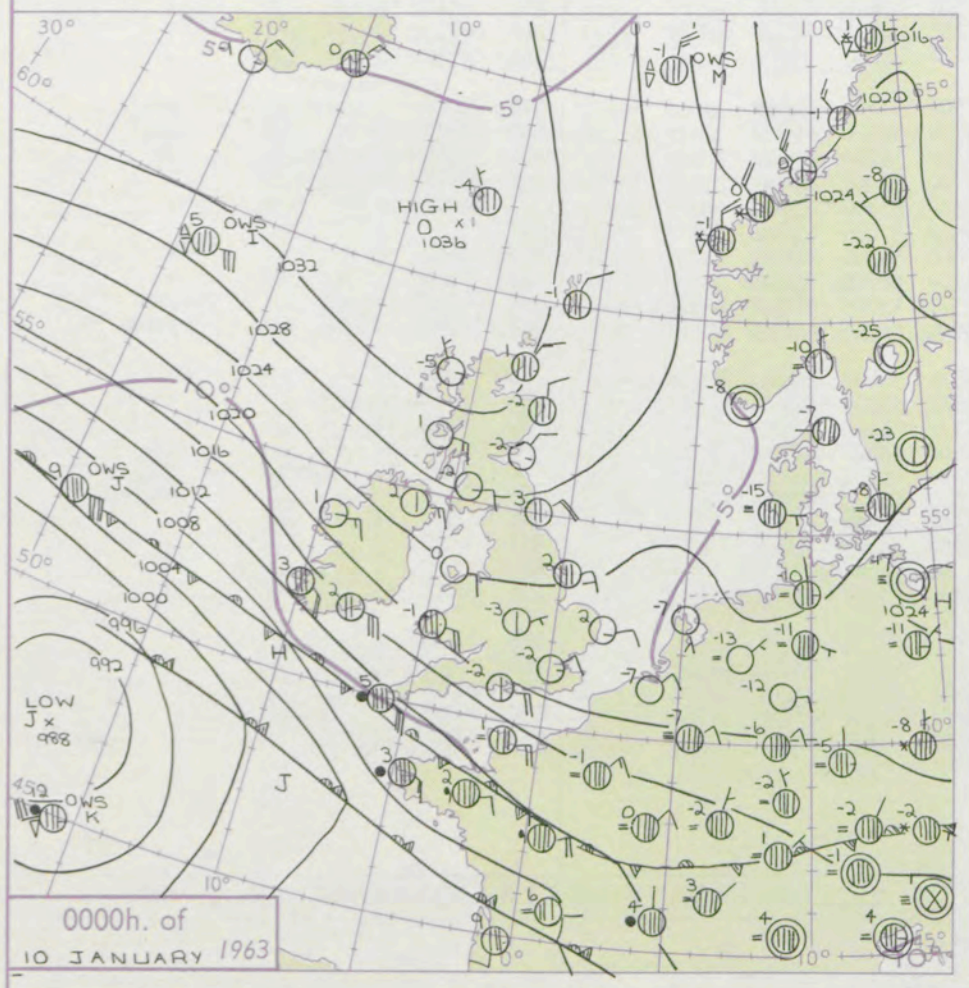
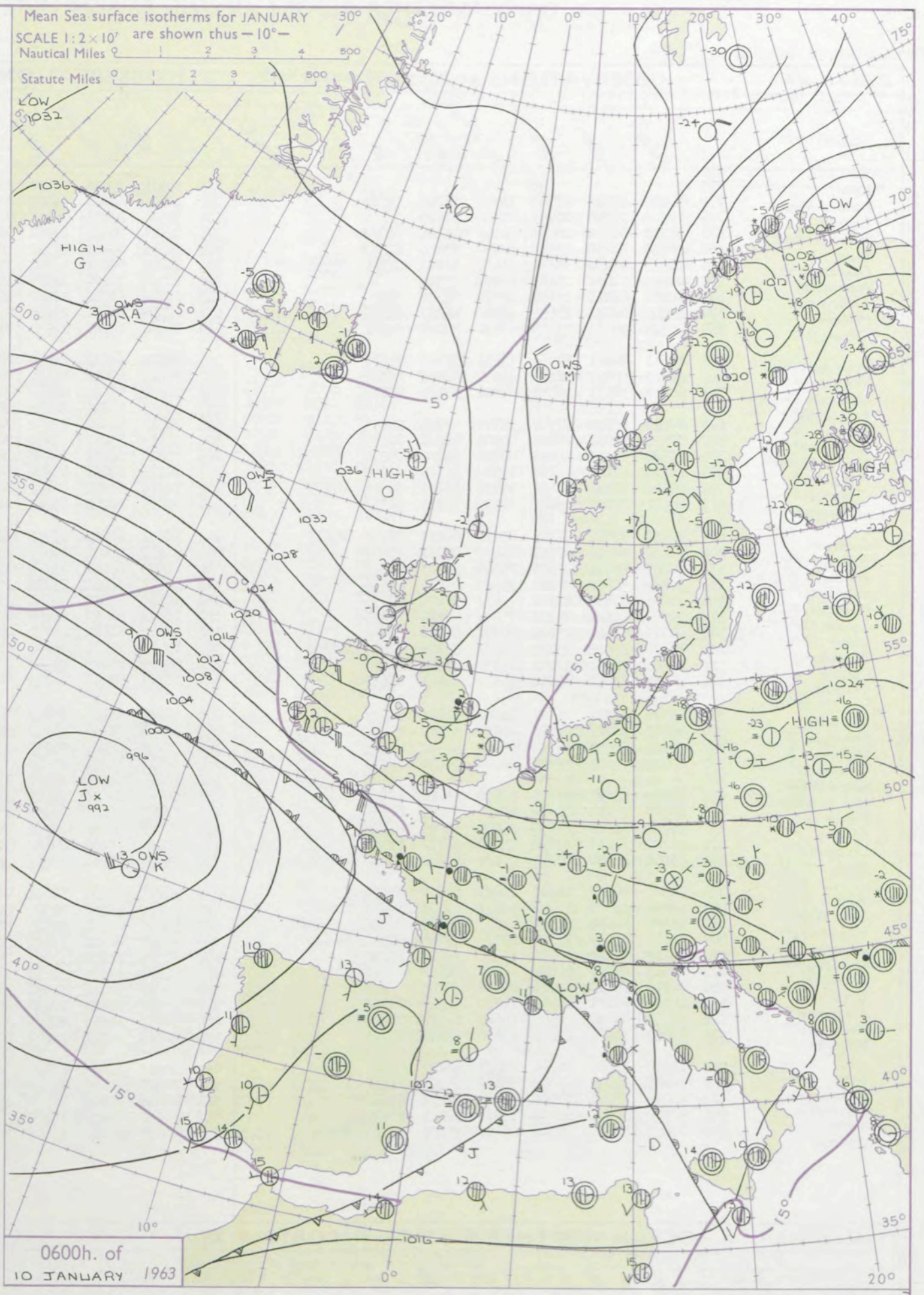
and zzle
and snow
shower
and snow shower
w shower
shower
nderstorm

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







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Thursday 10 January** 1963

An anticyclone near the Faeroes may drift slowly southeast but a strong ridge will be maintained over the North Sea and the Baltic extending eastwards into Russia. The depression near Ship Kilo will fill and transfer towards west Portugal. The anticyclone in the Denmark Strait will probably decline somewhat as a depression moves up the Davis Strait.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most places will have sunny periods by day and clear periods at night with severe night frost inland and day temperatures close to freezing. There will be snow showers, chiefly in eastern districts. South Cornwall and the Channel Isles may have a few spots of rain at first but clouds will break a little later.

OUTLOOK for following 24 hours. Little change.

Code FM 11.A

OBSERVATIONS at 00h. 10 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			51					
London Airport	772	10412	59011	21752	15500	55205	81625		
Gatwick	776	00708	74020	20953	00900	57106			
Thorney Island	871	10716	80020	20052	00901	55104	81070		
Hurn	862	20818	80030	19352	20930	53106	82359		
Guernsey	894	70723	40052	14301	1647/	52105	81710	87359	
Wattisham	590	00505	74010	23153	00900	55304			
Gorleston	497	10808	64011	23402	10930	52303	81358		
Mildenhall	578	10402	56011	23653	15600	54202	81630		
Cardington	559	60509	58031	23356	60930	57001	86362		
West Raynham	485	10611	74011	23552	15630	55703	81638		
Wittering	462	60811	59031	24252	656//	54103	86635		
Boscombe Down	746	60821	58031	20552	00901	57202	86075		
Ross-on-Wye	627								
Bristol	628	70617	62031	21552	00902	57204	87075		
Aberporth	502	70922	69031	20651	00906	53209	87275		
Rhoose (Cardiff)	715	50828	66031	20052	00906	54209	85272		
Plymouth	827	10620	61010	14850	10930	54109	81358		
Chivenor	707	70921	58031	17451	10938	56211	81365	87275	
St. Mawgan	817	20921	70011	13651	20930	55316	82358		
Culdrose	809	80930	57022	12703	854//	00211	86706	88610	
Scilly	804	81132	48616	09605	854//	04211	88612		
Elmdon	534	20607	58011	23953	25600	54203	82635		
Shawbury	414	70608	56042	24151	756//	55302	87645		
Manchester	334	70806	61031	24701	756//	58204	87635		
Squires Gate	318	70807	60021	25351	756//	53202	87635		
Valley	302	00901	61010	23500	00900	53206			
Ronaldsway	204	70827	83022	25303	785//	53104	81825	87650	
Carlisle	222	20806	74021	27952	15730	53302	81650		
Watnall	354	70608	63012	24650	756//	54801	87635		
Spurn Head	396	60710	63011	24502	65500	51701	86625		
Finningley	360	70207	50022	25200	756//	53302	87648		
Dishforth	261	30202	82038	26151	35600	52802	83645		
Tynemouth	262	40520	74028	26903	42600	51400	84830		
Eskdalemuir	162								
Mull of Galloway	131	10920	82011	27101	12600	51211	81830		
Prestwick	135	10810	74020	28352	10930	53206	81360		
Renfrew	141	10710	62021	29550	15600	51304	81635		
Leuchars	171	10109	74011	29652	18500	54102	81820		
Dyce	091	63408	62038	30852	685//	53000	81820	86635	
Wick	075	70317	80037	31201	756//	54001	87630		
Cape Wrath	049	60902	86020	32002	626//	01402	86830		
Sule Skerry	010	63609	82038	31603	635//	00205	86925		
Lerwick	005	60111	83018	31351	685//	55204	81822	86640	
Stornoway	026	13103	89020	32855	12500	56004	81822		
Benbecula	022	01008	89020	31851	00900	54107			
Tiree	100	00914	89020	30501	00900	55105			
Aldergrove	917	20814	66011	26702	22500	52210	82828		
Malin Head	980	31034	83011	27504	32500	53112	83825		
Belmullet	976	10817	74021	22601	15600	54218	81630		
Birr	965	70918	74031	20701	754//	52207	83716	87636	
Collinstown	969	70928	74032	23202	756//	55212	87630		
Rineanna	962	50826	74031	18501	555//	52215	85620		
Roches Point	952	50930	58051	16402	555//	54216	85629		
Valentia	953	61022	80012	13303	68500	55324	82823	86635	

OBSERVATIONS at 06h. 19 January 1962

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	30510	70021	21152	25630	53201	82635		
772	10310	62021	21553	10930	55801	81368		
776	70505	83031	20953	7093/	55501	87360		
871	70614	80031	20252	7095/	54302	87360		
862	50712	80031	19352	50950	54001	85362		
894	70822	50052	15001	7543/	53306	84710	84617	86656
590	10308	74020	22855	15600	56603	81630		
497	60706	60707	22302	655//	52710	86620		
578	20602	56021	23055	25600	56703	82635		
559	70406	12284	22957	756//	m58803	87630		
485	20509	66031	23253	28500	53702	81820		
462	00411	61021	23652	00900	54801			
746	70818	57012	20952	70956	56102	87360	87275	
627	80703	63021	22554	856//	54400	88630		
628	70612	62022	21852	7093/	56000	87365		
502	50913	69012	21050	20938	55102	82365	85275	
715	70822	66031	20152	7093/	53000	87363		
827	60723	69021	15650	50931	54203	85360		
707	71214	61032	18151	00908	55104	82170	87280	
817	30815	66020	15451	20931	57103	82362		
809	70831	61012	13402	754//	52003	85710	87615	
804	81031	56026	10805	854//	01501	88612		
534	10505	62020	23255	15600	56702	81640		
414	10311	56041	23953	15600	54802	81647		
334	30308	61031	24551	35600	52802	83640		
318	10608	66027	25254	00902	56701	81070		
302	00712	61020	23700	00900	52400			
204	10413	83011	25600	11500	52202	81825		
222	50000	80011	28252	4573/	54201	84650	85360	
354	00703	59021	24255	00900	55802			
396	40912	63838	24102	42500	51804	84825		
360	33608	56030	25353	35600	55400	83645		
261	33606	82030	26153	35700	54000	83650		
262	30518	74028	27103	33600	52302	83930		
162	10414	63020	28952	15500	53400	81625		
131	10722	82010	27201	11540	52804	81820		
135	10703	74020	29054	15600	56000	81630		
141	30000	82030	29954	35700	56000	83650		
171	70108	80031	29451	785//	53705	81820	87640	
091	33404	74018	30652	38501	56400	81820	83635	
075	70213	83031	31401	785//	51400	82820	86630	
049	60213	86022	32502	626//	54205	86830		
010	53609	82022	32503	515//	53205	85825		
005	23509	82221	31852	38500	54101	81822		
026	70404	63268	33302	794//	01301	83710	87917	
022	10410	89030	32250	12500	52000	81820		
100	10510	89020	31351	11501	54101	81825		
917	10711	82020	27250	16400	54703	81710		
980	30933	83020	28503	31500	53003	83825		
976	40725	74021	24202	40930	52205	84359		
965	60818	74022	21701	15602	53104	81636	86071	
969	70820	74022	23603	785//	54400	83824	87635	
962	60826	74022	19901	15602	52209	81640	86075	
952	50930	74011	17402	55600	54304	81630	85650	
953	51020	80012	14403	58500	56306	81823	85637	

OBSERVATIONS during NIGHT

iii	RRTnTnE	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	00526	54	+	+
772	00546	57	+	+
776	00547	57	+	+
871	00536	54	+	+
862	00526	55	+	+
894	00001	00	+	+
590	00565	58	+	+
497	92008	52	+	is_Cps_C
578	00556	58	+	+
559	97596	62	+	1F
485	97547	60	+	phs_O
462	00537	57	+	+
746	00537	55	+	+
627	00557	57	+	+
628	00557	57	+	+
502	00526	56	+	+
715	00536	53	+	+
827	00513	53	+	+
707	00523	53	+	+
817	00523	53	+	+
809	00020	02	+	+
804	03051		$1r_Or_Or_O$	pr_O
534	00577	62	+	1f
414	00567	59	+	+
334	00525	54	+	+
318	97555	59	is_O	1f
302	00513	53	+	+
204	00510	53	+	+
222	00545	57	+	+
354	00557	61	+	+
396	97010		prs_O	prs_O
360	97537	56	+	$is_\bullet$
261	94546	56	is_Ops_O	jp
262	91011	51	ps_O	+
162	00527	56	+	+
131	53			
135	00553	59	+	+
141	00553	58	+	+
171	00547	56	+	prs
091	91549	57	ps_O	$psps_O$
075	00579	57	+	+
049	00516	54	+	+
010	00015	51		
005	97547	56	+	is_O
026	01555	58	ps_Oprs_O	prs_O
022	01535	60	+	$ph_Oprs_\bullet$
100	00533	58	+	+
917	00515	53	+	+
980	00030	01		
976	00013	51		
965	00005	52		
969	00020	01		
962	00010	00		
952	00021	00		
953	00021	01		

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_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	33100	70000	80021	35503	755//	00208	/////	/////	05553	100/0	14945
B	50565	51000	81129	67858	21504	5241/	00724	85815	83462	00100	11137	1////
C	50519	35600	80240	61608	10108	854//	43515	86710	88625	00005	15247	1////
D	50440	41000	81816	61612	18313	8082/	00736	88557	/////	05308	1493	1////
I	50589	18900	60829	97888	28105	63460	31206	86912	/////	05805	10933	10955
J	50523	19400	80938	96026	04709	4742/	21110	84715	88540	05304	15958	1////
K	50450	15700	72432	60808	94112	785//	61213	85823	87640	05108	12456	17754
M	53660	01800	63625	60878	25051	69400	00801	86915	/////	06353	100/0	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	L_OL_OGG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33006	60208	80022	35603	65500	22500	/////	/////	05553	10221	14943
B	50565	51006	73140	63028	17203	724//	00719	87815	/////	05100	16142	1////
C	50512	35606	80230	59616	07109	874//	43808	88710	/////	00007	15252	1////
D	50440	41006	81628	59614	09812	3742/	00753	83815	88540	05312	11735	1////
I	50591	19106	61019	98038	29607	48530	00803	82820	83640	05504	11034	11445
J	50524	20006	80838	97022	06809	856//	62210	84715	87640	05505	15859	1////
K	50450	15906	12426	60018	96813	12500	51224	81826	/////	05108	12458	17750
M	53660	01906	73422	70018	27500	79400	00211	81913	86625	06254	13547	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36940

Date of Issue Friday 11 January 1963

OBSERVATIONS at 12h. 10 January 1963

Code FM 11.A

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	30514	74020	22501	11402	54802	81818		
102	London Airport	772	70715	40041	22601	785//	53003	83820	86630	
100	Gatwick	776	40713	64031	21800	25430	51802	82618		
99	Thorney Island	871	50711	67022	21650	55800	52002	81715	85657	
97	Hurn	862	60613	62022	21250	6093/	52014	86369		
95	Guernsey	894	70923	66022	17002	3577/	55011	83650	87358	
93	Wattisham	590	50408	37261	23551	58400	51003	82817	84635	
91	Gorleston	497	30616	64018	23802	35500	53002	83623		
90	Mildenhall	578	70501	56247	23951	785//	52000	83825	86635	
88	Cardington	559	20209	48027	23852	25600	53802	82640		
86	West Raynham	485	30514	62158	24101	38400	53002	82815		
84	Wittering	462	60609	66031	24600	65600	52005	86630		
82	Boscombe Down	746	20816	59021	22351	20930	54004	82362		
81	Ross-on-Wye	627	40603	48011	23551	46400	52400	84715		
79	Bristol	628	10512	62051	23351	10931	53005	81365		
77	Aberporth	502	70810	80022	23101	785//	53009	82820	86635	
75	Rhoose (Cardiff)	715	20820	62011	22350	11531	53005	81820		
73	Plymouth	827	61018	66031	17701	15532	52209	81625	84360	
72	Chivenor	707	40919	80030	19802	11531	54004	81820	84368	
70	St. Mawgan	817	40917	69011	16950	35702	54004	83650		
68	Culdrose	809	70935	62022	15003	6543/	51211	84706	85615	
66	Scilly	804	81230	61258	14105	883//	02218	84808	88612	
64	Elmdon	534	60306	37041	24351	685//	53000	83820	84630	
63	Shawbury	414	10410	40041	25050	18601	55101	81830		
61	Manchester	334	10612	50040	25502	15600	57000	81640		
59	Squires Gate	318	10607	30044	26402	15600	54003	81635		
57	Valley	302	10713	58040	25502	11500	53105	81825		
55	Ronaldsway	204	40717	82031	26803	42501	53003	84825		
54	Carlisle	222	60000	80018	28951	48530	53003	82822	83360	
52	Watnall	354	10610	48020	26000	15600	55002	81640		
50	Spurn Head	396	50908	63021	25204	55500	51206	85625		
48	Finningley	360	13406	32047	26301	15600	55003	81630		
46	Dishforth	261	13308	48051	27050	18530	52001	81820		
45	Tynemouth	262	40513	74268	27502	43500	51103	84925		
43	Eskdalemuir	162	70307	58858	29850	794//	52107	87915		
41	Mull of Galloway	131	10716	82020	28602	11600	51205	81830		
39	Prestwick	135	60000	56041	29800	38530	53206	81825	83640	86360
37	Renfrew	141	20406	32041	30501	25500	56205	81628		
36	Leuchars	171	40313	74268	30100	49400	51002	81710	83820	
34	Dyce	091	53507	37268	31551	58500	55801	82820	83635	
32	Wick	075	63410	89028	32300	4343/	53400	84918	83359	
30	Cape Wrath	049	60213	86022	32902	62600	54400	86830		
28	Sule Skerry	010	60109	66878	33103	5353/	52206	85920	86360	
27	Lerwick	005	63409	82031	32351	68500	55804	82822	85635	
25	Stornoway	026	30516	86021	33903	32500	53107	83825		
23	Benbecula	022	50604	80278	33402	58500	51301	83821	85635	
21	Tiree	100	10612	89020	32103	18501	54101	81822		
19	Aldergrove	917	10711	80021	28701	18501	53208	81825		
18	Malin Head	980	60721	89031	29803	625//	54104	86824		
16	Belmullet	976	30723	80011	26903	12502	53215	81820	83070	
14	Birr	965	70715	82032	24403	685/2	00014	85823	86637	87072
12	Collinstown	969	60820	83268	25503	685//	54108	84820	86635	
10	Rineanna	962	70820	80032	22703	28506	53112	81825	87275	
9	Roches Point	952	70928	74022	20303	785/1	54114	83826	87630	
7	Valentia	953	41023	74021	18004	35602	55118	83640	84068	

OBSERVATIONS at 18h. 10 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	20716	58028	22650	25500	56303	82625		
772	20514	48028	22950	22500	53309	82625		
776	60512	74021	22151	655//	56206	86626		
871	70614	80021	21751	6553/	54307	86628		
862	10512	62011	21050	15500	53005	81620		
894	70823	70022	17302	5577/	56107	85650	86360	
590	10509	66021	23953	14500	54107	81625		
497	40612	64020	24201	45500	54204	84624		
578	10503	59021	24453	18500	55210	81825		
559	00410	56021	24154	00900	57206			
485	30616	74030	24554	35500	57204	83625		
462	20509	58011	24951	28500	53207	81820		
746	50812	56051	22652	55500	54207	85625		
627	00608	57020	23551	00900	54106			
628	10410	62010	23350	10931	54206	81365		
502	20912	58011	23650	00902	54109	82075		
715	10818	62020	22051	14501	52307	81625		
827	30818	58041	18900	25601	54313	82645		
707	10914	59050	21100	10931	54212	81368		
817	50818	61022	19051	35702	55312	83650	84075	
809	70928	62022	16702	754//	51210	83708	86615	
804	81029	58022	15004	854//	01208	88612		
534	10506	48048	24453	14500	54205	81625		
414	30411	37040	25653	35600	54110	836		
334	20506	23040	25850	25600	52208	82630		
318	10608	23040	26653	18500	55206	81820		
302	10608	59040	25400	15500	54202	81825		
204	30313	61021	27100	38500	53204	83825		
222	10105	74018	29352	18540	53204	81820		
354	60608	56031	25651	65600	52308	86630		
396	60712	63268	25502	63500	51205	86920		
360	10106	56048	26352	18500	53104	81825		
261	13506	80018	27251	13400	53005	81915		
262	30815	74028	28103	35600	53206	83630		
162	50205	66268	30652	52400	53302	85816		
131	20718	82030	28401	22540	52201	82825		
135	50508	58027	29900	55600	53208	85637		
141	40404	26041	31000	45600	54207	84640		
171	30210	80018	30151	32500	53801	83825		
091	23208	48268	31652	28500	53103	81820		
075	23409	83018	32452	24500	55308	82620		
049	70203	83038	32901	795//	52205	87920		
010	50108	81028	32703	4357/	52701	84920	85360	
005	13409	82268	32253	15600	55303	81635		
026	50805	80022	33702	58500	53104	83822	83635	
022	40808	85028	32901	45600	52101	84630		
100	10511	89010	31651	11500	56400	81825		
917	50507	74021	28400	58500	53301	82820	84630	
980	50925	86012	29703	525//	53204	85825		
976	30712	74011	27201	13502	52209	81920	83070	
965	50606	80012	25451	25602	54210	82637	85072	
969	30815	80018	25802	38500	54207	82825	83635	
962	70715	85032	23801	556/2	50310	85635	87070	
952	70821	74022	20903	785//	54106	82826	87633	
953	31017	80011	20003	32500	55112	83826		

OBSERVATIONS during DAY

iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97016	035	ps_o	ps_o
772	97026	043	ps_o	+
776	00007	047	+	+
871	00016	033	+	+
862	00016	///	+	+
894	00031	000	+	+
590	97025	///	ps_o	+
497	00033	054	+	+
578	97026	031	is_o	+
559	97016	055	is_o	+
485	97017	070	+	ps_o
462	91017	038	+	ps_o
746	00507	041	+	+
627	00017	044	+	+
628	00007	056	+	+
502	00026	039	+	+
715	00016	048	+	+
827	00013	009	+	+
707	00023	053	+	+
817	00013	010	+	+
809	00030	000	+	+
804	97051	000	pr_o	+
534	97017	065	+	$ps_o is_o$
414	97007	055	+	ph_o
334	00025	060	+	+
318	00035	055	if	+
302	00033	062	+	+
204	00030	020	+	+
222	97015	025	ps_o	ps_o
354	00017	059	+	+
396	01048	041	+	ps_o
360	97029	041	ps_o	ps_o
261	91026	046	ps_o	$ps ps_o$
262	95031	035	$ps_o ps$	$ph ps_o$
162	93007	045	ps_o	$ps_o ps$
131	00023	///	/	/
135	97023	041	is_o	+
141	00023	011	+	+
171	97017	018	ps_o	ps_o
091	92009	036	ps_o	$ps ps_o$
075	93019	024	ps_o	ph_o
049	92035	///	+	ps_o
010	97035	///	/	/
005	97517	017	ps_o	ps_o
026	00045	031	+	+
022	01035	028	$prs_o ps ph_o ps_o$	+
100	00033	061	+	+
917	00035	057	+	+
980	0004	008	/	/
976	0003	056	/	/
965	0003	061	/	/
969	9703	011	/	/
962	0004	042	/	/
952	0003	005	/	/
953	0004	048	/	/

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	33112	40414	80151	36204	495 0	00306	/////	/////	05451	10422	14943
B	50565	51012	81135	63022	11804	7542/	00736	87615	88457	00100	16142	1////
C	50516	35612	80714	56605	10009	6747/	81108	86710	/////	00208	10559	1////
D	50440	41012	81833	59614	01517	873//	00631	88708	/////	00216	11747	1////
I	50592	19312	61214	98022	32307	28538	80215	82820	83362	05401	11332	11456
J	50524	19912	80840	95606	09908	7742/	61221	87715	88525	05606	15859	1////
K	50447	16212	12222	80010	01213	12501	61223	81823	/////	00009	12353	12757
M	53658	01812	73220	70268	28900	79400	00003	87910	/////	06353	13447	1////

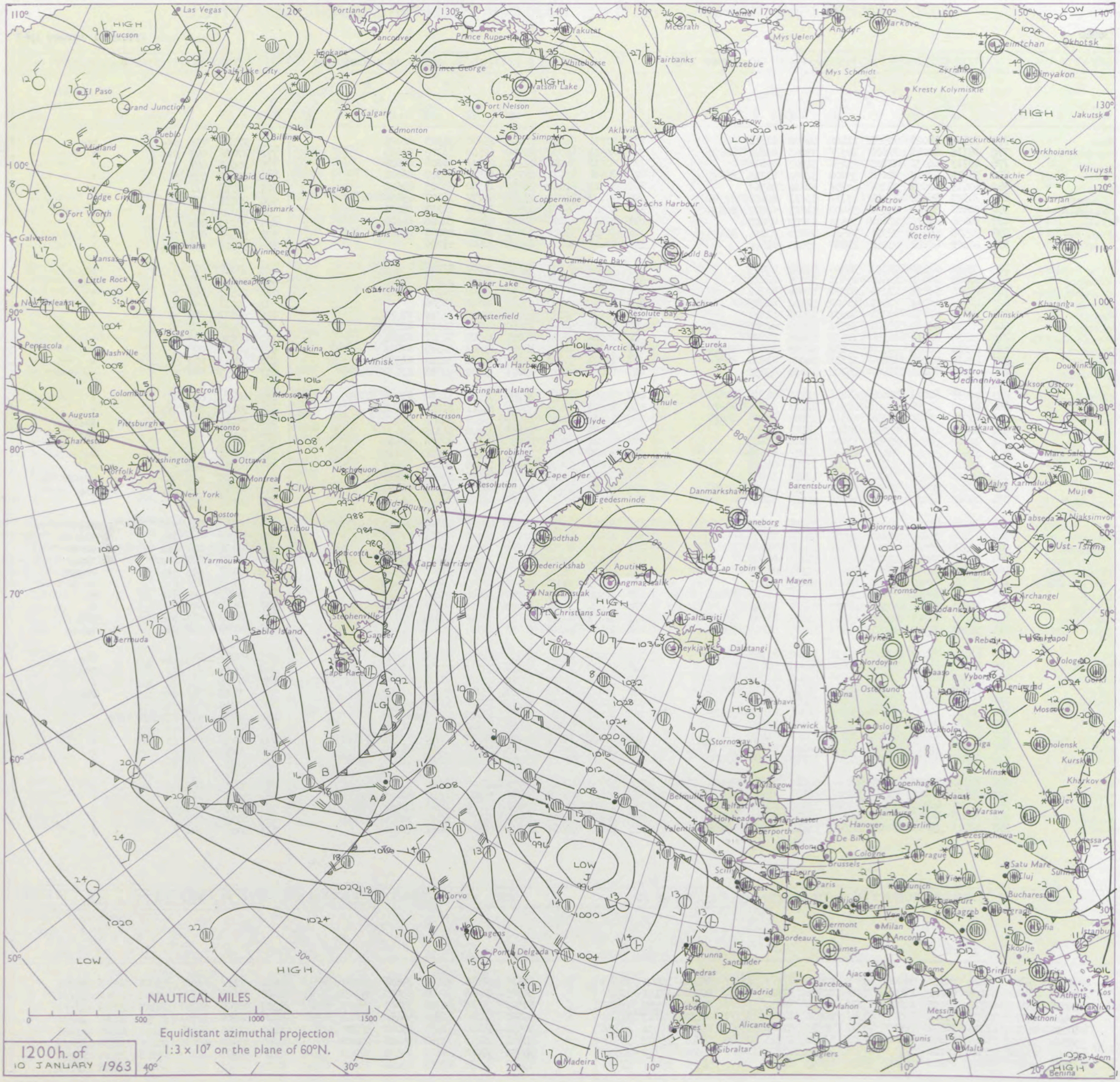
OCEAN WEATHER STATION REPORTS at 18h.

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	33118	70516	75158	35004	795//	00504	/////	/////	05301	10523	14944
B	50565	51018	80937	63022	07305	853//	00625	86608	/////	00303	16044	1////
C	50523	35518	80718	37605	09209	672//	84307	86705	84718	00107	10659	1////
D	50440	41018	82731	56614	97014	873//	00508	88708	/////	05313	12359	1////
I	50594	19418	81509	98022	32207	28517	41400	81825	84458	05351	11622	11456
J	50524	20118	81038	95216	10408	856//	62800	85620	88635	05606	10936	15959
K	50450	16018	41812	80031	02913	22501	00318	82823	/////	05109	10010	12252
M	53658	02018	63218	65018	28801	69400	00004	82925	84625	06156	13346	1////

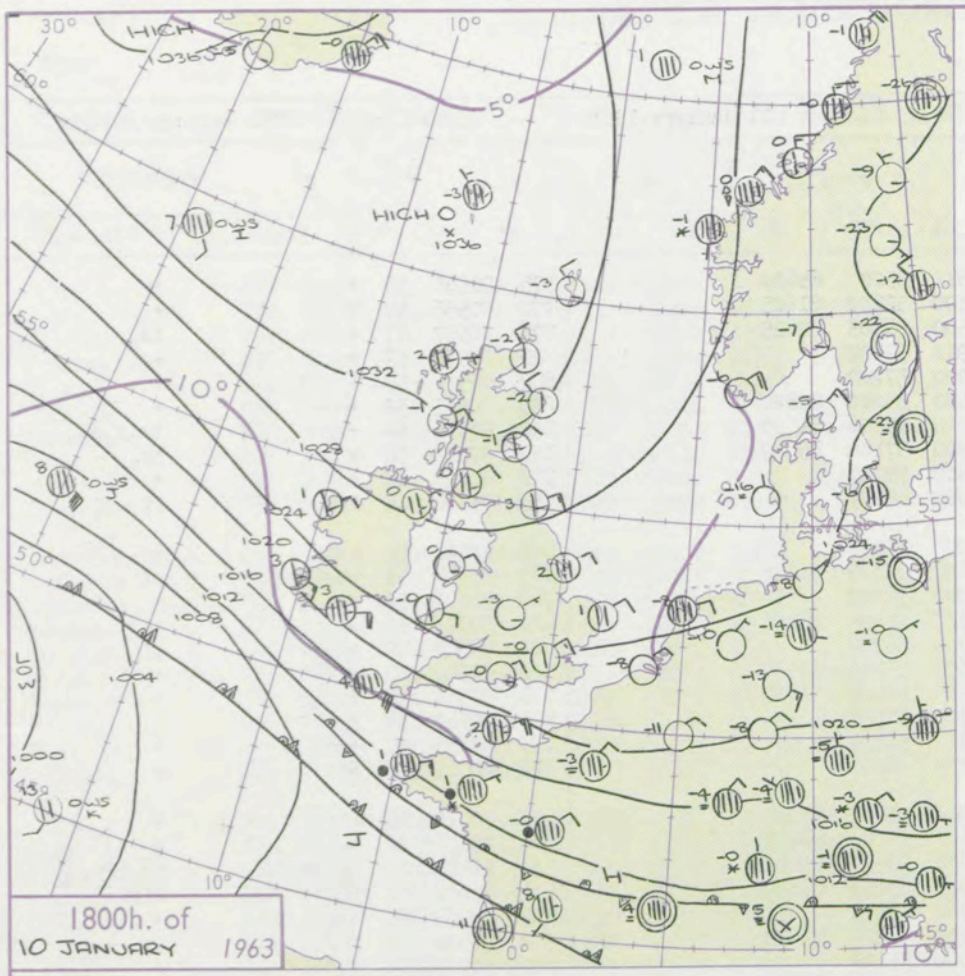
All times of observation printed in this publication are GREENWICH MEAN TIME.

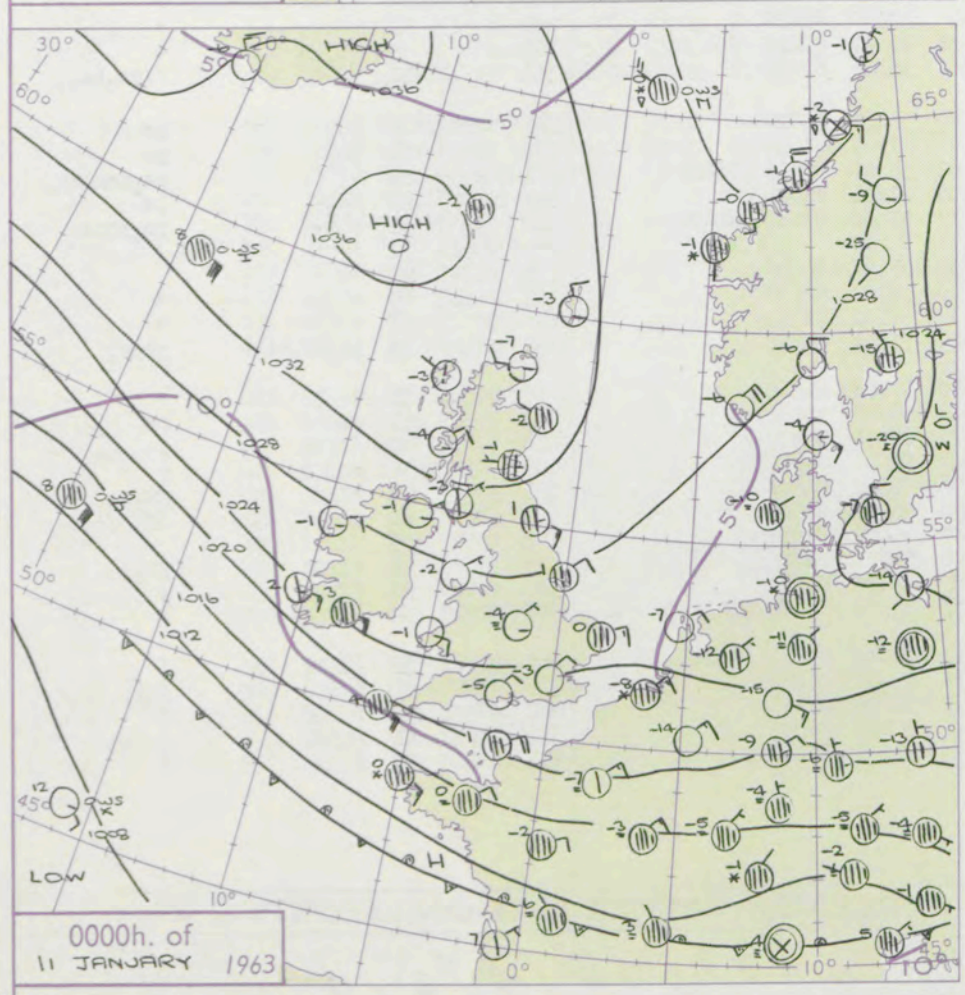
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

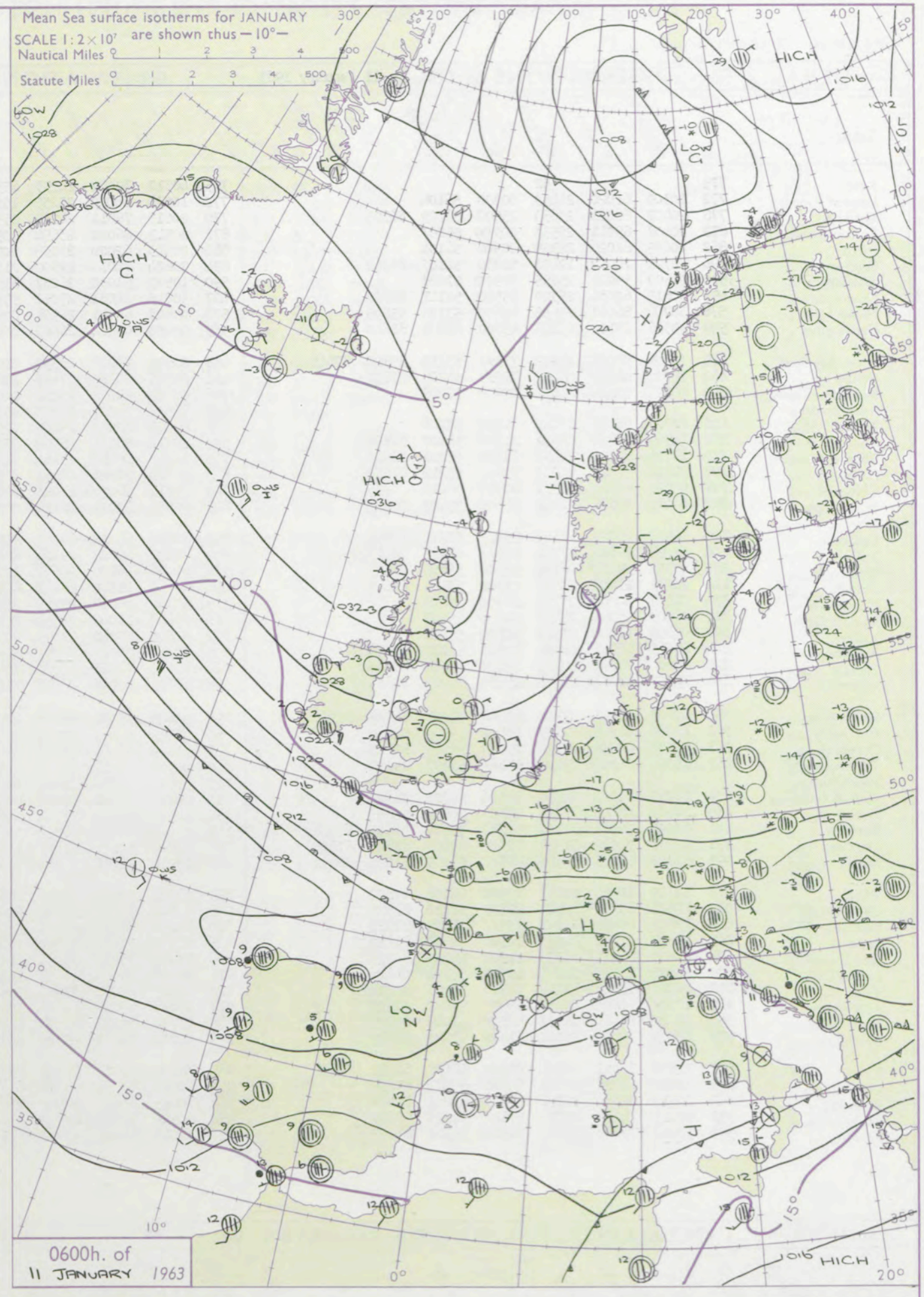
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Friday 11 January** 1963

An anticyclone extending from eastern Greenland to the north of the British Isles has persisted while a depression to the southwest of Ireland has filled. Little change is likely in the pressure distribution around the British Isles but a depression in mid-Atlantic will move rather south of east towards northwest Spain and pressure over the Mediterranean will remain relatively low.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will remain very cold in all parts of the British Is;es with severe or very severe frost inland at night. Most districts will have sunny periods by day and long clear periods at night. There will be snow showers, mostly in eastern districts, and some moderate falls may occur in the northeast of England.

OUTLOOK for following 24 hours

Little change.

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

Code FM 11.A

OBSERVATIONS at 00h. 11 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			52					
London Airport	772	00309	61020	24453	00900	56104			
Gatwick	776	20407	66021	23653	25500	56105	82625		
Thorney Island	871	00407	69011	23553	00900	56007			
Hurn	862	00409	62020	22955	00900	56104			
Guernsey	894	50722	74012	19401	50930	54107	85362		
Wattisham	590	00609	59020	25655	00900	57208			
Gorleston	497	60815	62031	25900	65500	52111	86622		
Mildenhall	578	50704	56031	25856	55600	57103	85635		
Cardington	559	10306	23100	25860	15600	61003	81640		
West Raynham	485	70306	58858	26052	785//	53110	85820	87645	
Wittering	462	70206	48858	26452	745//	53205	87620		
Boscombe Down	746	00607	52021	24654	00900	57008			
Ross-on-Wye									
Bristol	628	00308	58050	25157	00900	58106			
Aberporth	502	10909	58020	25651	11500	54208	81825		
Rhoose (Cardiff)	715	10716	62020	24453	11500	55108	81825		
Plymouth	827	70718	59022	21050	756//	53212	87630		
Chivenor	707	00920	66020	22951	00900	56210			
St. Mawgan	817	60815	59021	21252	65500	55109	86625		
Culdrose	809	80925	66022	19102	854//	53211	88618		
Scilly	804	81027	58022	17704	854//	01111	88612		
Elmdon	534	10305	09467	26354	15600	55105	81635		
Shawbury	414	20205	23048	27456	25700	57104	82650		
Manchester	334	00307	20047	27752	00900	55208			
Squires Gate	318	00408	28041	28453	00900	55207			
Valley	302	00603	48040	27952	00900	53208			
Ronaldsway	204	20213	66011	28951	22500	52107	82825		
Carlisle	222	10000	74011	30755	15600	55006	81640		
Watnall	354	20502	48011	27054	25630	55203	82635		
Spurn Head	396	60608	63028	27101	13540	53207	81920	86360	
Finningley	360	13508	48268	27853	15600	55207	81640		
Dishforth	261	13307	40058	28754	15600	56206	81640		
Tynemouth	262	51014	74028	29401	534//	51207	85915		
Eskdalemuir									
Mull of Galloway	131	10715	82020	30300	12500	51208	81825		
Prestwick	135	20503	48041	31253	25600	54105	82635		
Renfrew	141	50000	28041	32153	15630	55104	81645	85358	
Leuchars	171	72707	74022	31551	785//	53005	81825	87635	
Dyce	091	63009	66268	32152	685//	54005	81820	86635	
Wick	075	12709	80021	32557	12500	58101	81820		
Cape Wrath	049	71802	82858	32501	795//	52710	87925		
Sule Skerry	010	73602	58868	33101	735//	01205	87920		
Lerwick	005	13509	83021	32653	12500	56601	81820		
Stornoway	026	23005	86021	34353	21500	54203	82825		
Benbecula	022	11004	85020	33851	15500	55104	81625		
Tiree	100	10408	89020	32954	11500	55203	81024		
Aldergrove	917	10507	74021	30251	15500	53207	81625		
Malin Head	980	51020	86021	31303	525//	53209	85825		
Belmullet	976	10809	74030	28951	12400	53209	81819		
Birr	965	70508	70031	27151	785//	52108	82822	87636	
Collinstown	969	50815	80021	27703	55600	55107	85630		
Rineanna	962	10613	82010	25751	15600	53208	81630		
Roches Point	952	80923	74032	23703	856//	54213	88635		
Valentia	953	30914	75020	22702	34500	55314	83627		

OBSERVATIONS at 06h. 11 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	40812	70022	24753	455//	55205	85638		
London Airport	772	10510	64020	25255	15500	57107	81625		
Gatwick	776	20613	78011	24254	25500	58305	82625		
Thorney Island	871	00511	66020	23654	00900	57302			
Hurn	862	00413	62020	23255	00900	57202			
Guernsey	894	20624	74010	19500	21530	53200	82820		
Wattisham	590	10507	61030	26257	15500	59106	81620		
Gorleston	497	50815	64031	27051	55500	57104	85629		
Mildenhall	578	00603	61021	26958	00900	59206			
Cardington	559	00400	05484	26865	00900	66207			
West Raynham	485	00809	74028	27358	00900	59208			
Wittering	462	20805	56288	27455	25600	56209	82640		
Boscombe Down	746	00607	58020	25056	00900	59205			
Ross-on-Wye	627	80607	24021	26253	863//	53305	88708		
Bristol	628	00407	40053	25657	00900	58202			
Aberporth	502	20812	58011	26252	25600	55203	82630		
Rhoose (Cardiff)	715	10713	40050	25154	11500	56105	81820		
Plymouth	827	00618	58021	21453	00900	56103			
Chivenor	707	00812	66020	23453	00900	56101			
St. Mawgan	817	00606	62021	22154	00900	58203			
Culdrose	809	80822	64022	20000	855//	54206	83710	88620	
Scilly	804	81127	66022	19303	854//	00206	88615		
Elmdon	534	10000	18108	26557	15600	58001	81640		
Shawbury	414	60000	01484	28263	656//	63207	86640		
Manchester	334	00302	16040	28254	00900	58308			
Squires Gate	318	20408	28040	28554	25500	56204	81625		
Valley	302	00505	50040	28353	00900	54107			
Ronaldsway	204	10313	80021	28951	12500	53000	81825		
Carlisle	222	70000	74021	30855	785//	56302	82825	86640	
Watnall	354	70302	10408	27855	755//	55306	87625		
Spurn Head	396	40607	63031	27300	42500	51205	84820		
Finningley	360	23309	40261	28155	25600	57105	82640		
Dishforth	261	63409	48368	29054	68400	55206	82815	86650	
Tynemouth	262	40710	74028	29001	43500	51101	81924		
Eskdalemuir	162	63605	70038	31752	684//	53400	83617	84638	
Mull of Galloway	131	00712	82020	30650	00900	52203			
Prestwick	135	60000	58041	31154	6563/	55400	86640		
Renfrew	141	30000	61011	31853	35600	55702	83640		
Leuchars	171	12805	74021	31451	15630	56101	81645		
Dyce	091	23012	74018	32153	28400	53701	81815		
Wick	075	22808	80030	32156	28500	57604	81820		
Cape Wrath	049	63605	86038	32902	626//	55706	86830		
Sule Skerry	010	50205	84018	32403	536//	53708	85930		
Lerwick	005	23307	83030	31754	28400	55603	82815		
Stornoway	026	12905	89010	33854	11500	56602	81825		
Benbecula	022	10201	85020	33654	15500	55500	81626		
Tiree	100	10307	89020	32853	11500	55400	81825		
Aldergrove	917	10808	66028	30353	12500	54601	81825		
Malin Head	980	40713	86031	31303	4250	52400	84825		
Belmullet	976	60812	74021	29900	6093/	53307	86359		
Birr	965	70705	74021	27751	785//	53102	82821	87632	
Collinstown	969	60916	80022	28302	656//	55105	86637		
Rineanna	962	70815	80022	26601	756//	53204	87640		
Roches Point	952	80924	74032	24602	856//	56106	88635		
Valentia	953	11010	80010	23902	11500	56208	81827		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00546	56	+	+
London Airport	772	00556	57	+	+
Gatwick	776	00557	57	+	is_o
Thorney Island	871	00556	57	+	+
Hurn	862	00576	58	+	+
Guernsey	894	00513	52	+	+
Wattisham	590	97575	60	+	$is_os_os_o$
Gorleston	497	97523	54	+	ps_o
Mildenhall	578	00606	63	+	+
Cardington	559	97666	66	ff	ff
West Raynham	485	97597	64	ps_o	+
Wittering	462	94567	61	$phs1fps_o$	if
Boscombe Down	746	00577	59	+	+
Ross-on-Wye	627	00577	66	+	+
Bristol	628	00587	60	+	if
Aberporth	502	00546	57	+	+
Rhoose (Cardiff)	715	00556	56	+	+
Plymouth	827	00543	57	+	+
Chivenor	707	00533	57	+	+
St. Mawgan	817	00563	58	+	+
Culdrose	809	00510	55	+	+
Scilly	804	00010	//	+	+
Elmdon	534	93587	62	is_ops_off	ps_oFF
Shawbury	414	97647	66	ph_o	fFF
Manchester	334	97555	59	is_o	+
Squires Gate	318	97565	58	+	is_o
Valley	302	00553	58	+	+
Ronaldsway	204	00523	54	+	+
Carlisle	222	00565	59	+	+
Watnall	354	91567	62	+	$ffps_ois_o$
Spurn Head	396	01519	//	+	ps
Finningley	360	91569	58	ps_o	ps
Dishforth	261	01557	57	+	$ps_opspSks_o$
Tynemouth	262	01506	53	ps_o	ps
Eskdalemuir	162	01567	61	+	ps_opsps
Mull of Galloway	131	00513	//	/	/
Prestwick	135	00563	61		
Renfrew	141	00563	60	+	+
Leuchars	171	00587	61	+	+
Dyce	091	01549	57	is_ops_ops	$psps_o$
Wick	075	00599	59	+	+
Cape Wrath	049	93515	53	ps	ps
Sule Skerry	010	91015	01	/	/
Lerwick	005	00557	58	+	+
Stornoway	026	97555	58	+	ps_o
Benbecula	022	00555	61	+	jp
Tiree	100	00553	63		
Aldergrove	917	97565	61	+	ps_o
Malin Head	980	00020	51	/	/
Belmullet	976	00523	54	/	/
Birr	965	97535	57	/	/
Collinstown	969	00010	51	/	/
Rineanna	962	97531	54	/	/
Roches Point	952	00021	01	/	/
Valentia	953	00010	51	/	/

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	60620	33000	50720	80031	35404	28550	00209	/////	/////	05302	10635	1////
B	60565	51000	80938	65026	03206	854//	00730	88608	/////	00403	16055	1////
C	60528	35500	80916	62586	08009	864//	00820	88710	/////	00106	10759	1////
D	60440	41000	82938	61856	01110	854//	00312	88625	/////	05406	13048	1////
I	60590	19000	81219	98022	33107	22507	32004	82820	88270	05402	11322	11555
J	60525	19900	81038	96026	14408	856//	21014	88642	/////	05604	15959	1////
K	60459	15900	11410	75020	06412	12500	00213	81823	/////	05109	12764	1////
M	63657	01900	83222	65862	28850	894//	00502	87915	/////	06552	13246	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	60620	33006	70823	75258	33904	794//	00805	/////	/////	05200	10846	1////
B	60565	51006	80946	63026	99604	6722/	00605	86805	88525	00203	16057	1////
C	60528	35506	80919	63505	03509	863//	00720	88710	/////	00307	10948	1////
D	60440	41006	83236	61858	02310	854//	00312	88615	/////	05505	13148	1////
I	60590	19006	81214	98032	32107	3251/	00707	83820	88462	05550	11332	11566
J	60524	19406	81037	97022	15308	855//	21207	82620	88640	05401	16057	1////
K	60451	16006	21412	70010	07412	22500	00204	82823	/////	05209	12764	1////
M	63657	02106	83122	65852	27301	894//	00605	85915	/////	05952	13145	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36941

Date of Issue Saturday 12 January 1963

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

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	70714	56858	26952	5858/	56105	84825		
London Airport	772	40310	37041	27052	41500	55005	84822		
Gatwick	776	40617	78028	25952	41400	57003	81815	83820	
Thorney Island	871	10512	82020	25752	11500	57007	81820		
Hurn	862	10310	58020	24654	11500	54105	81820		
Guernsey	894	70720	74031	21751	754//	57113	87616		
Wattisham	590	70511	56858	27751	724//	56004	82818	85822	
Gorleston	497	70715	64028	28000	72500	51105	87820		
Mildenhall	578	10302	58020	28653	18500	56003	81825		
Cardington	559	00309	56024	28455	00900	57000			
West Raynham	485	20505	59268	28852	23500	57005	82920		
Wittering	462	10105	40020	29054	15600	57004	81635		
Boscombe Down	746	00511	61010	27054	00900	58107			
Ross-on-Wye	627	10510	63020	28254	15600	57400	81630		
Bristol	628	00211	48050	28055	00900	58104			
Aberporth	502	10712	62020	28151	11500	55003	81625		
Rhoose (Cardiff)	715	10717	60010	27453	18500	57109	81820		
Plymouth	827	20615	62020	24553	28500	56214	81820		
Chivenor	707	10709	66020	25851	18400	58109	81818		
St. Mawgan	817	10712	74020	24652	15501	60111	81620		
Culdrose	809	60722	64022	22851	655//	55214	84712	85628	
Scilly	804	70823	61022	22600	754//	53215	87615		
Elmdon	534	00000	02424	29256	00900	57105			
Shawbury	414	60000	07488	29856	654//	57801	81705	86618	
Manchester	334	30505	17058	29551	35600	55105	83630		
Squires Gate	318	10408	28047	30100	15600	53204	81635		
Valley	302	10605	48040	29901	12500	52105	81825		
Ronaldsway	204	20512	83020	30201	28400	52004	81818		
Carlisle	222	70401	62028	32051	5853/	52104	82822	84635	
Watnall	354	20000	66027	29953	25600	56209	82630		
Spurn Head	396	51407	63038	29301	52500	55106	85825		
Finningley	360	73102	03858	30553	785//	54108	84825	87640	
Dishforth	261	63506	F4464	30653	66000	54207	86701		
Tynemouth	262	33205	32048	30500	35600	51202	83630		
Eskdalemuir	162	80101	62728	32751	855//	53005	83710	88627	
Mull of Galloway	131	20915	82030	31702	12540	52208	81820		
Prestwick	135	10902	58021	32150	10940	54400	81359		
Renfrew	141	10000	04464	32952	15600	55002	81640		
Leuchars	171	22607	66020	32254	18560	57004	81825		
Dyce	091	63111	56268	32751	5843/	53000	81705	83640	
Wick	075	22705	83020	32455	22400	57002	82818		
Cape Wrath	049	53602	83022	33601	595//	51210	85925		
Sule Skerry	010	60205	81028	33003	635//	00206	86920		
Lerwick	005	43505	63268	32251	49400	51002	83912		
Stornoway	026	43005	83038	34201	12530	53004	81824	83362	
Benbecula	022	10203	85150	34100	12500	52103	81825		
Tiree	100	10409	89020	33401	11500	53003	81820		
Aldergrove	917	30606	66030	31701	38500	52206	81820		
Malin Head	980	60610	89161	32303	635//	52002	83923	85826	86645
Belmullet	976	21108	80011	31203	12502	52004	81820		
Birr	965	10508	82011	29901	18500	51007	81822		
Collinstown	969	70608	62807	30001	7634/	52107	82708	85717	87825
Rineanna	962	10713	69011	28802	15601	55006	81630		
Roches Point	952	71919	74012	26603	756//	55106	87635		
Valentia	953	50910	80021	26303	45508	56109	84626	85270	

OBSERVATIONS at 18h. 11 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	00512	60028	27452	00900	57208			
772	03607	37048	27954	00900	56311			
776	10305	74028	27054	11400	57211	81818		
871	00509	74010	26653	00900	57210			
862	00411	56010	26154	00900	55210			
894	20724	74021	22451	25500	60310	82620		
590	30407	58858	28353	32400	57106	83018		
497	40513	65858	29101	43500	52101	84922		
578	10205	63028	28854	18500	57203	81825		
559	10106	28018	28956	15600	58208	81640		
485	10308	74018	28953	13400	58202	81918		
462	10109	37020	29555	15600	58305	81630		
746	10408	58011	27756	15500	59209	81620		
627	00504	48020	29355	00900	59213			
628	00308	48050	28656	00900	59208			
502	00806	58020	29955	00900	58314			
715	10612	56020	28154	14500	57209	81625		
827	80610	48021	25653	855//	56210	88623		
707	10615	62020	27153	15500	56207	81620		
817	70414	61021	26254	755//	59213	87627		
809	80615	62052	23952	855//	53214	84715	88620	
804	70821	58012	23700	754//	51210	87618		
534	10105	14044	29856	11500	58207	81820		
414	90000	F1494	31162	9/0//	64214	89/00		
334	00903	09040	30554	00900	57206			
318	10605	20040	30654	15600	56209	81635		
302	00605	17040	30852	00900	55312			
204	10210	62010	31052	12500	53108	81820		
222	10706	61011	32052	11540	54303	81820		
354	00302	07044	30758	00900	59006			
396	50704	63022	29601	52500	52303	85825		
360	93007	F5458	30755	9/0//	55306	89/00		
261	03209	14048	30956	00900	57306			
262	53212	32057	30951	556//	52101	85630		
162	50000	66707	32953	556//	54303	85630		
131	10809	82020	32300	12500	52205	81825		
135	00000	34050	32155	00900	56104			
141	00000	07040	32954	00900	57106			
171	12607	60040	32055	15700	58001	81650		
091	13011	62041	32853	18500	55205	81820		
075	32705	86030	32255	32500	57102	83020		
049	82702	83058	33000	875//	00703	88725		
010	50505	66858	32003	535//	01704	85920		
005	20206	80268	32351	29400	52101	82910		
026	51205	74268	34101	556//	50105	85630		
022	30402	86030	33853	30500	55301	81825	83640	
100	10407	89030	33253	18500	55104	81824		
917	10604	62020	32053	11500	55206	81820		
980	11303	860111	32402	11500	54103	81825		
976	20905	80011	31752	12502	53211	81820		
965	50504	80838	30651	585//	51311	83821	85640	
969	70806	74858	30401	795//	53206	84923	87633	82923
962	30308	82030	29754	15602	54311	81630	83070	
952	50914	74011	28102	58500	55315	81825	85640	
953	31008	75011	27602	22508	56216	82825	83270	

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97516	024	ps_o	+
772	97516	012	ps_o	+
776	97527	060	ps_o	ps_o
871	00516	076	+	+
862	00536	///	+	+
894	00013	059	+	+
590	91506	///	$s_os_ops_o$	ps_o
497	97013	036	ps_o	ps_o
578	97506	032	ps_o	+
559	00536	022	+	ps_o
485	97517	067	ps_c	ps_o
462	00527	046	+	+
746	00537	058	+	+
627	00527	067	+	+
628	00547	058	+	+
502	00516	066	+	+
715	00526	063	+	+
827	00533	036	+	+
707	00503	077	+	+
817	00513	069	+	+
809	00503	007	+	+
804	00020	000	+	+
534	00537	043	F	F
414	97547	034	$FFffps_os_os_o$	ffFF
334	97006	044	ps	if
318	00025	065	+	+
302	00023	042	+	+
204	00023	033	+	+
222	97025	023	ps_o	+
354	00517	058	if	ff
396	00010	044	+	+
360	97529	000	ps_oFF	FF
261	97537	024	FF	ps_o
262	01017	017	$psis_o$	s_os_o
162	01507	001	ps_ois_o	is_o
131	00023	///	/	/
135	00013	053	+	+
141	00013	012	if	ff
171	00527	037	+	+
091	97519	031	ps_o	+
075	01539	009	+	ps_oh_o
049	01035	///	+	ps_o
010	92035	///	/	/
005	02009	000	ps_o	ps_o
026	94026	045	+	ps_ois_o
022	00035	067	jp	+
100	00023	063	+	+
917	00025	060	+	+
980	0003	007	/	/
976	9703	060	/	/
965	9703	057	/	/
969	9402	008	/	/
962	0003	067	/	/
952	0004	018	/	/
953	0004	018	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33212	80724	75038	34504	885//	00400	/////	/////	05302	10746	1////
B	60565	51012	70943	56622	00605	773//	00008	87705	/////	00303	16057	1////
C	60528	35512	80724	59514	99508	862//	00722	88704	/////	00007	10849	1////
D	60440	41012	82932	63808	03410	884//	00105	83815	88635	05705	17951	1////
I	60590	18912	81310	98162	32807	33477	40006	83918	85358	05551	11232	11566
J	60526	19812	81135	97606	16709	855//	61215	87620	88640	05304	16156	1////
K	60451	15812	21214	80010	11113	22501	00209	82823	/////	05110	11252	12763
M	63656	02112	83118	70028	27402	856//	00805	88644	/////	05853	13244	10143

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	33218	70924	75022	33505	5857/	00710	/////	/////	05202	10946	1////
B	60565	51018	81140	56616	99105	6722/	00702	86803	88512	00304	16055	1////
C	60528	35518	80926	14515	94908	862//	00727	88703	/////	00108	15851	1////
D	60440	41018	52940	63808	04609	52400	00503	85815	/////	05704	17951	1////
I	60590	18918	71012	98022	32207	2837/	00604	8281 8	87462	05501	11232	11565
J	60525	19818	81135	97616	14808	856//	00301	86715	88645	05505	16155	1////
K	60451	16018	21015	75020	11812	22500	00207	82820	/////	05209	11253	12762
M	63656	02118	63021	70012	26002	65600	00703	86640	/////	05054	13043	10141

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
11 JANUARY 1963

Explanation of symbols

CL

Symbol

WEA

Symbol

For each half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

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

ATHER
Weather

zzle
and
rizzle
and snow
w
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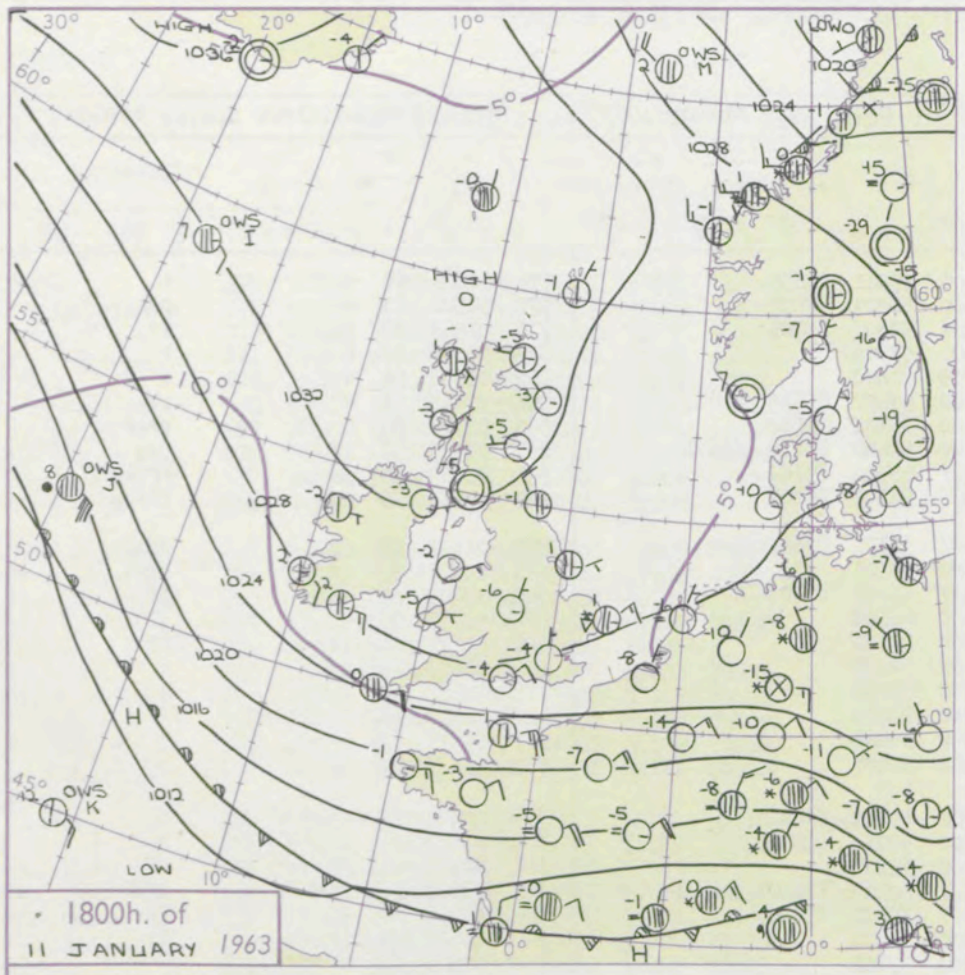
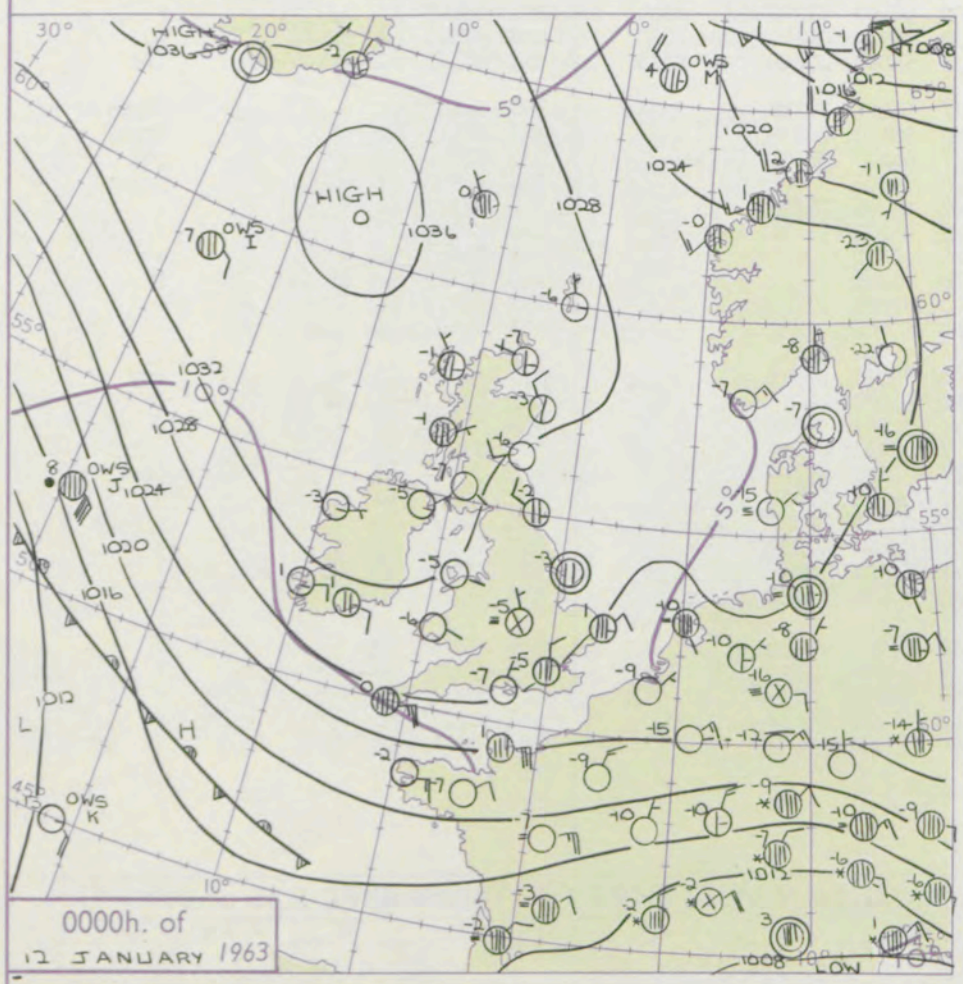
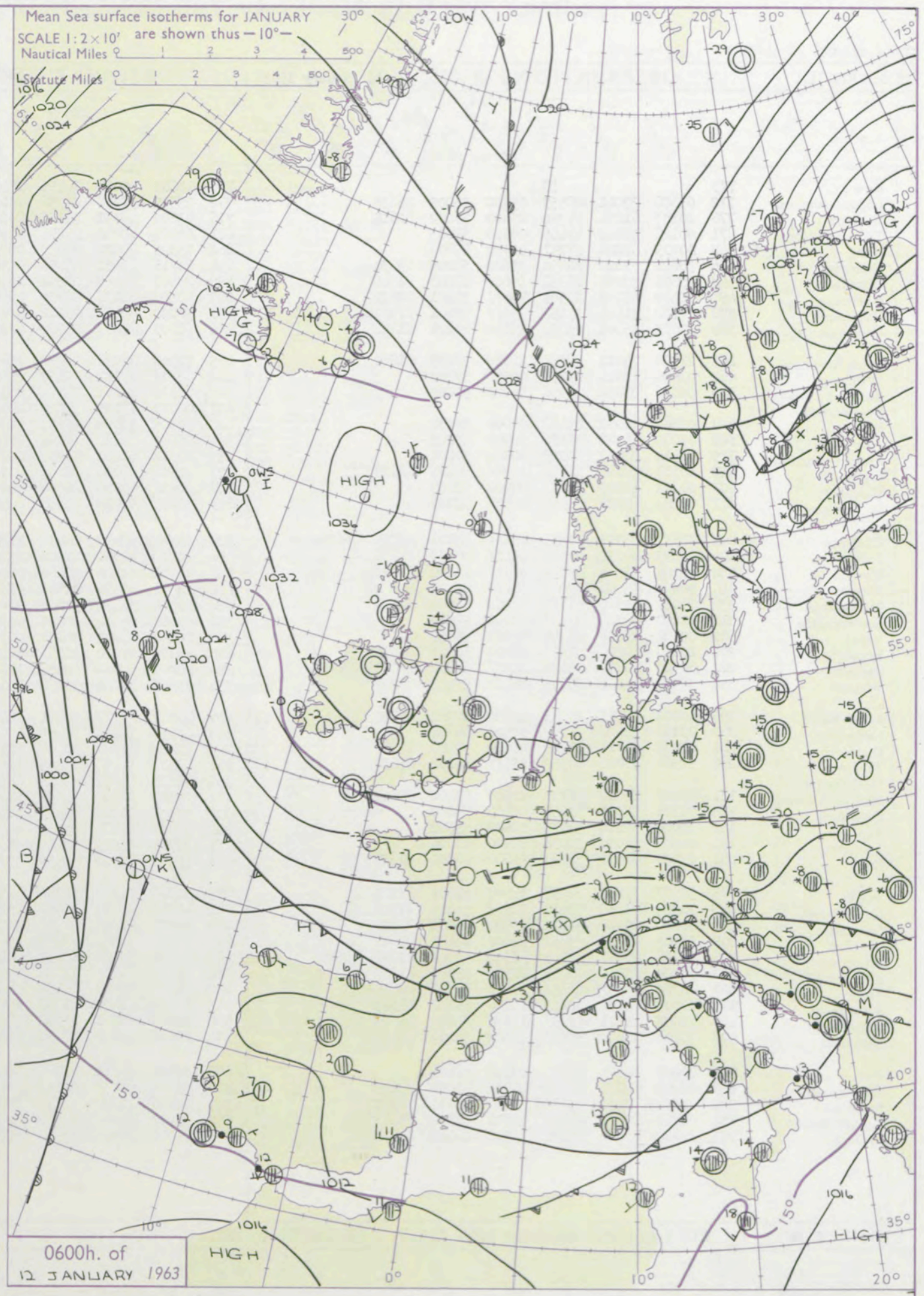
nderstorm

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







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Saturday 12 January** 1963

The anticyclone to the northwest and north of the British Isles has been changing little but the ridge near Greenland will probably continue to decline. A depression has been moving southeastwards off the north of Norway and another low will follow it on a similar track. In the Mediterranean pressure will remain relatively low and a trough will move slowly eastwards from the Atlantic towards Portugal.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The very cold weather will continue everywhere with widespread frost which will be very severe in many inland districts where there will be patches of freezing fog. Most places will have sunny periods but there will also be snow showers which will be rather frequent in the east and moderate or heavy locally.

OUTLOOK for following 24 hours

Little change.

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

Code FM 11.A — OBSERVATIONS at 00h. — 12 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775			53					
London Airport	772	63608	37041	28555	65600	56002	86635		
Gatwick	776	20303	61258	27354	25400	56002	82615		
Thorney Island	871	00108	40040	27455	00900	57003			
Hurn	862	00205	62020	27757	00900	59006			
Guernsey	894	30622	82020	24950	35600	57209	83630		
Wattisham	590	13605	33058	28557	15600	57003	81640		
Gorleston	497	70509	62032	28301	755//	51401	87622		
Mildenhall	578	70102	11068	29157	735//	59001	87920		
Cardington	559	10803	15101	29659	15600	60002	81640		
West Raynham	485	21502	74011	28955	20500	57003	81020		
Wittering	462	03409	28020	29756	00900	57003			
Boscombe Down	746	00206	37050	28958	00900	59004			
Ross-on-Wye									
Bristol	628	00406	15050	29458	00900	59000			
Aberporth	502	01002	56020	31156	00900	58003			
Rhoose (Cardiff)	715	00514	32050	29055	00900	57001			
Plymouth	827	10511	48020	27753	155//	56205	81623		
Chivenor	707	00612	62020	28853	00900	56203			
St. Mawgan	817	00708	62020	28456	00900	59106			
Culdrose	809	70517	56022	26353	655//	56006	83710	86620	
Scilly	804	00823	48032	26100	654//	00207	88616		
Elmdon	534	93505	01494	30555	9/0//	56004	89/00		
Shawbury	414	90000	E3494	32061	9/0//	62003	89/00		
Manchester	334	60000	11044	31657	66000	61000	86701		
Squires Gate	318	00000	06044	31158	00900	59000			
Valley	302	00902	17040	31455	00900	56802			
Ronaldsway	204	10110	00020	31553	12500	56801	81020		
Carlisle	222	50000	48058	32455	4053/	56801	83020	83645	
Watnall	354	33507	05404	30655	36100	56003	83702		
Spurn Head	396	40000	57011	29353	42600	54702	84030		
Finningley	360	03106	05424	30757	00900	58004			
Dishforth	261	43408	61011	31155	45600	57000	84630		
Tynemouth	262	52908	58020	30952	556//	54004	85630		
Eskdalemuir									
Mull of Galloway	131	10707	82020	32751	12500	53400	81020		
Prestwick	135	01101	56050	32657	00900	58000			
Renfrew	141	00000	02404	33158	00900	59002			
Leuchars	171	02509	66020	32056	00900	59004			
Dyce	091	23109	66030	32753	25600	56000	82635		
Wick	075	32007	74158	32457	39500	58001	83920		
Cape Wrath	049	70202	81058	33400	735//	51400	87920		
Sule Skerry	010	30000	82018	32802	33500	52201	83925		
Lerwick	005	13407	83011	33355	12400	59101	81018		
Stornoway	026	53105	80017	33951	58500	51003	81026	84650	
Benbecula	022	70000	85022	33851	2053/	53302	81022	87359	
Tiree	100	60703	86031	33551	656//	54001	86635		
Aldergrove	917	10503	74030	32855	15500	55002	81625		
Malin Head	900	12005	86021	32953	11500	55400	81025		
Belmullet	976	10806	74030	32553	15600	56203	81630		
Birr	965	00203	70021	31856	00900	56106			
Collinstown	969	81204	62038	31600	856//	55002	86635		
Rineanna	962	10509	74010	31156	15600	56108	81630		
Roches Point	952	50912	74031	29601	55600	57106	85643		
Valentia	953	10708	75020	29601	15500	58008	81628		

OBSERVATIONS at 06h. — 12 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	13602	40041	28455	15600	57301	81635		
London Airport	772	23510	37268	28356	25600	58301	82635		
Gatwick	776	83602	48051	28156	862//	57303	88705		
Thorney Island	871	03609	48050	28256	00900	57304			
Hurn	862	03505	48020	28059	00900	60400			
Guernsey	894	50716	82031	25050	55500	57207	85625		
Wattisham	590	23408	04468	28357	65600	58101	82640		
Gorleston	497	40508	62038	28250	40500	52400	83020	84624	
Mildenhall	578	90000	03478	29162	9/0//	63304	89/01		
Cardington	559	80000	F7477	29762	9/0//	63303	89/01		
West Raynham	485	72908	74038	28755	756//	57301	87640		
Wittering	462	03310	11104	29557	00900	58301			
Boscombe Down	746	60110	28051	29359	662//	61203	86703		
Ross-on-Wye	627	00000	17100	30856	00900	68400			
Bristol	628	00305	17051	29959	00900	60302			
Aberporth	502	00000	59020	31859	00900	60006			
Rhoose (Cardiff)	715	00511	58050	29958	00900	59301			
Plymouth	827	00308	58020	28855	00900	57209			
Chivenor	707	00416	62020	29654	00900	58206			
St. Mawgan	817	00808	59020	29456	00900	58105			
Culdrose	809	10610	68020	28054	11400	55211	81018		
Scilly	804	20818	48011	27500	25400	53214	82616		
Elmdon	534	03101	04484	30460	00900	62202			
Shawbury	414	92301	06494	31061	9/0//	62102	89/02		
Manchester	334	90000	F1474	31058	9/0//	59701	89/00		
Squires Gate	318	00000	06044	30960	00900	61400			
Valley	302	00000	17040	30857	00900	59701			
Ronaldsway	204	10109	82020	31553	10500	55400	81022		
Carlisle	222	20000	58018	32455	15630	56000	81640		
Watnall	354	73509	17044	30154	756//	55000	87645		
Spurn Head	396	00000	16227	28951	864//	52201	88710		
Finningley	360	63110	15284	30155	65600	564 0	86635		
Dishforth	261	83410	61268	30852	872//	54208	84705	88710	
Tynemouth	262	33508	58158	30851	33500	52104	83924		
Eskdalemuir	162	41204	66021	33053	45500	55201	84625		
Mull of Galloway	131	10208	82020	32553	12600	54401	81830		
Prestwick	135	01303	56020	32959	00900	60400			
Renfrew	141	00000	05484	33660	00900	61204			
Leuchars	171	32705	80011	32354	35600	57001	83640		
Dyce	091	10000	80020	33556	15600	57202	81635		
Wick	075	32706	74268	32654	39400	55001	83915		
Cape Wrath	049	40202	83018	33300	45500	53202	84625		
Sule Skerry	010	40000	82028	32803	435//	58203	84925		
Lerwick	005	73008	83021	32800	756//	53703	87645		
Stornoway	026	60612	74268	33851	6041/	52102	84812	86628	
Benbecula	022	70000	85022	33352	1253/	54801	81822	87359	
Tiree	100	50000	86208	33450	50500	51201	81822	84632	
Aldergrove	917	10000	62030	32857	15600	59400	81630		
Malin Head	900	52206	83031	32952	585//	53101	82825	85650	
Belmullet	976	40404	74020	33254	00902	56104	84069		
Birr	965	30101	70011	33058	35600	59206	83639		
Collinstown	969	53004	66031	32253	555//	55003	85629		
Rineanna	962	00410	74020	32158	00900	59102			
Roches Point	952	30410	74011	30952	35600	57207	83643		
Valentia	953	31010	80020	30250	35600	59301	83630		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00566	60	+	+
London Airport	772	97586	61	+	ps_0
Gatwick	776	97567	58	ps_0	is_0
Thorney Island	871	00576	59	+	+
Hurn	862	00606	64	+	+
Guernsey	894	97513	52	+	ps_0
Wattisham	590	92576	63	f	ps_0f
Gorleston	497	01527	57	is	ps_0
Mildenhall	578	01627	65	$psps_0$	$FFps_0ff$
Cardington	559	97636	66	is_0	$ffis_0$
West Raynham	485	01597	61	ps_0	ps_0ps
Wittering	462	97577	59	ff	$ffps_0$
Boscombe Down	746	97607	62	+	ff
Ross-on-Wye	627	00677	73	÷	if
Bristol	628	00617	64	if	ff
Aberporth	502	00607	64	+	+
Rhoose (Cardiff)	715	00606	61	+	+
Plymouth	827	00553	61	÷	+
Chivenor	707	00573	62	+	+
St. Mawgan	817	00583	60	+	+
Culdrose	809	00583	59	+	+
Scilly	804	00513	//	+	+
Elmdon	534	00627	65	FF	FF
Shawbury	414	97627	65	fFF	fFF
Manchester	334	00606	60	F	FF
Squires Gate	318	00615	62	ff	ff
Valley	302	00583	61	+	+
Ronaldsway	204	00543	56	+	+
Carlisle	222	97596	62	ps_0	+
Watnall	354	97567	61	ff	is_0
Spurn Head	396	04549	//	+	$SSps_0$
Finningley	360	97589	60	ff	$ffps_0$
Dishforth	261	97587	58	+	ps_0
Tynemouth	262	03537	53	ps_0ps	ps_0ps
Eskdalemuir	162	00577	62	+	+
Mull of Galloway	131	00534	//	/	/
Prestwick	135	00603	64	+	+
Renfrew	141	00613	63	ff	ff
Leuchars	171	00577	61	+	+
Dyce	091	00589	63	+	+
Wick	075	95589	60	+	ps_0
Cape Wrath	049	91517	55	ps	+
Sule Skerry	010	00006	57	/	/
Lerwick	005	97579	61	+	ps_0
Stornoway	026	97567	58	+	ps_0is_0
Benbecula	022	00535	58	+	+
Tiree	100	97543	63	+	p_0p_0ps
Aldergrove	917	00595	64	+	+
Malin Head	900	97535	56	/	/
Belmullet	976	97553	60	/	/
Birr	965	97595	63	/	/
Collinstown	969	91536	56	/	/
Rineanna	962	97593	62	/	/
Roches Point	952	00533	55	/	/
Valentia	953	00513	53	/	/

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	70620	32900	60822	75158	34005	69500	21305	/////	/////	05202	10847	1////
B	70565	51000	81134	58616	99006	872//	88805	/////	/////	00104	16054	1////
C	70528	35500	80727	58515	93109	862//	00712	88705	/////	00208	15952	1////
D	70440	41000	62940	63808	06008	52460	00312	85815	/////	05703	17062	1////
I	70589	18800	61110	99038	32707	52532	41004	85825	/////	05400	11131	11455
J	70525	19808	81240	97606	16908	856//	00318	86715	88640	00505	16255	1////
K	70451	16000	11218	70010	12913	12500	00001	81823	/////	05108	11254	1////
M	73654	02200	73122	70022	25504	75600	71503	87640	/////	05653	13146	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	$N_hC_LhC_MC_H$	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	33206	70902	80021	31005	755//	00715	87627	/////	05102	10946	1////
B	70565	51006	82513	56716	97001	872//	00308	88705	/////	05501	11059	12633
C	70528	35506	80916	58204	91008	862//	00504	88705	/////	00108	15951	1////
D	70440	41006	82930	63008	08009	824//	00307	88815	/////	05704	17951	1////
I	70590	18806	41310	98001	32006	43500	00505	81922	83825	05701	11131	11444
J	70525	20106	81240	97026	16708	856//	00307	88635	/////	05404	16255	1////
K	70449	15906	21220	70020	12312	22500	00002	82823	/////	05109	11256	1////
M	73659	02006	83241	70022	25503	856//	71001	88640	/////	05753	13246	1////

CONVERSION TABLE °C to

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36942

Date of Issue Sunday 13 January 1963

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

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	43601	11268	30053	40940	56002	84358		
London Airport	772	72906	09044	30254	756//	57002	81715	87640	
Gatwick	776	50305	11707	29553	58500	55001	82820	85635	
Thorney Island	871	43606	28050	30154	45600	56007	84640		
Hurn	862	03406	28011	30257	00900	58008			
Guernsey	894	50617	74158	27902	52500	55109	82822	84825	
Wattisham	590	30204	23034	30255	35600	55005	83630		
Gorleston	497	50811	64028	30751	58500	54111	82822	84626	
Mildenhall	578	50000	16228	30956	55700	57106	85650		
Cardington	559	80000	04737	30056	856//	56102	88640		
West Raynham	485	40000	17228	30652	45600	53211	84640		
Wittering	462	80106	09858	30853	894//	54207	88915		
Boscombe Down	746	23506	13054	31157	20930	59210	82360		
Ross-on-Wye	627	92602	02451	31758	9/0//	60105	89///		
Bristol	628	80206	02484	31756	862//	57400	88703		
Aberporth	502	60000	78031	31950	685//	57802	84820		
Rhoose (Cardiff)	715	00703	37050	31654	00900	56108			
Plymouth	827	00314	56040	30150	00900	55003			
Chivenor	707	10607	59020	31201	11500	56004	81825		
St. Mawgan	817	10512	66020	30951	11500	56004	81820		
Culdrose	809	10612	60050	30451	11400	55108	81818		
Scilly	804	40914	69011	30001	41400	00214	84816		
Elmdon	534	93404	03494	31254	9/0//	55103	89/02		
Shawbury	414	73401	05484	32458	762//	59004	87704		
Manchester	334	50000	F9484	32057	56200	52910	85704		
Squires Gate	318	10605	05044	32452	15600	54208	81635		
Valley	302	50000	63031	32101	58500	52204	83820	84630	
Ronaldsway	204	10414	80020	32801	18430	53107	81818		
Carlisle	222	50000	32030	34254	48530	56309	82828	83650	
Watnall	354	60305	16102	31753	663//	53207	86708		
Spurn Head	396	60000	58028	30901	53410	51211	85915		
Finningley	360	10107	16048	31751	15600	53311	81640		
Dishforth	261	53408	23048	32532	55630	53107	85645		
Tynemouth	262	63212	16228	32951	634//	53211	86910		
Eskdalemuir	162	73504	70021	31952	784//	54110	81816	87625	
Mull of Galloway	131	20508	82030	34102	21500	53205	82825		
Prestwick	135	10000	32040	34252	18400	55008	81818		
Renfrew	141	00000	02444	35357	00900	58108			
Leuchars	171	12508	60040	34053	18560	58204	81820		
Dyce	091	33111	74038	34552	39500	54205	82920		
Wick	075	32707	89018	34155	19460	55002	81915		
Cape Wrath	049	22305	86020	36001	23500	55216	82925		
Sule Skerry	010	33602	81018	34103	33500	00204	83925		
Lerwick	005	73106	83028	33500	784//	52103	81818	87630	
Stornoway	026	20000	61100	35551	29503	51108	82922		
Benbecula	022	10902	89020	35202	13500	54208	81925		
Tiree	100	10000	89021	34801	11500	53110	81825		
Aldergrove	917	10000	58050	34053	11500	54105	81822		
Malin Head	980	61904	89038	34001	685//	52204	81822	86645	
Belmullet	976	10904	75030	34301	18532	51103	81821		
Birr	965	02303	70020	34153	00900	54007			
Collinstown	969	33208	74268	33150	28530	53202	82823	83360	
Rineanna	962	10000	66020	34052	00901	55006	81070		
Roches Point	952	10410	80020	32601	15601	56107	81643		
Valentia	953	40912	80011	31602	00908	55007	84270		

OBSERVATIONS at 18h. — 12 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	00206	24041	31353	00900	56211			
London Airport	772	10106	16044	31454	15700	56213	81650		
Gatwick	776	50102	20127	30454	55500	55210	85628		
Thorney Island	871	43607	19051	31155	45500	57109	84625		
Hurn	862	03503	28050	31157	00900	59210			
Guernsey	894	60512	66268	29200	685//	56312	84820	86630	
Wattisham	590	10206	40021	31757	15600	59211	81630		
Gorleston	497	60706	64038	32052	65500	55204	86620		
Mildenhall	578	00000	04051	32159	00900	60309			
Cardington	559	90000	F5457	32656	9/0//	57212	89/00		
West Raynham	485	40000	40117	31954	45700	56207	84650		
Wittering	462	83404	14108	32554	855//	54214	83704	88625	
Boscombe Down	746	00105	08444	32257	00900	58209			
Ross-on-Wye	627	92502	06454	23155	9/0//	56316	89///		
Bristol	628	80207	17107	32154	863//	55204	88709		
Aberporth	502	11202	62020	32753	15600	56214	81630		
Rhoose (Cardiff)	715	80607	23051	32253	854//	55208	88616		
Plymouth	827	03605	40040	31253	00900	57211			
Chivenor	707	10000	40020	31753	15600	55109	81640		
St. Mawgan	817	10605	62020	31553	14500	57207	81620		
Culdrose	809	30407	58050	30653	21408	55106	82818		
Scilly	804	10811	74020	30400	11400	58207	81816		
Elmdon	534	90000	02044	32254	9/0//	55211	89/02		
Shawbury	414	90000	F3494	33562	9/0//	64314	89/00		
Manchester	334	90000	03494	33260	9/0//	63313	89/01		
Squires Gate	318	10207	14044	33254	14600	55313	81650		
Valley	302	10602	48041	33252	11500	55210	81825		
Ronaldsway	204	10212	69020	33952	12400	54310	81818		
Carlisle	222	13501	48011	34953	15700	55107	81650		
Watnall	354	00000	05428	32957	00900	57211			
Spurn Head	396	30000	59011	31751	33500	52106	82920		
Finningley	360	03508	13208	32953	00900	54210			
Dishforth	261	83509	28858	33552	824//	53209	84812	88640	
Tynemouth	262	83415	16727	33451	863//	52307	88708		
Eskdalemuir	162	00000	74021	35555	00900	57103			
Mull of Galloway	131	10705	82020	34800	12600	54308	81830		
Prestwick	135	00505	50040	34954	00900	56207			
Renfrew	141	90000	01494	35757	9/0//	59307	89/05		
Leuchars	171	22508	80010	34755	28500	57205	81820		
Dyce	091	13109	66010	35252	15600	54206	81640		
Wick	075	52809	74268	34653	524//	54003	85818		
Cape Wrath	049	42305	83028	35100	46500	51706	84725		
Sule Skerry	010	63602	81028	34403	635//	53204	86925		
Lerwick	005	83510	83852	32750	834//	52703	83915	87630	
Stornoway	026	10000	89020	36356	12500	57207	81824		
Benbecula	022	10000	89020	35953	155000	54310	81628		
Tiree	100	00000	89010	35552	00900	56200			
Aldergrove	917	10602	28050	35256	15500	57210	81625		
Malin Head	980	21905	86018	34952	22500	54209	82824		
Belmullet	976	30702	78031	34453	15630	54206	81640	83358	
Birr	965	02502	00434	34757	00900	57211			
Collinstown	969	93608	16868	33752	9/0//	53310	89/08		
Rineanna	962	10304	66020	34154	009 1	56207	81070		
Roches Point	952	10410	66010	32651	18501	55207	81825		
Valentia	953	41007	00011	32451	00900	56107	84270		

OBSERVATIONS during DAY

Station	iii	RRTTE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97513	002	ps_0	+
London Airport	772	00526	009	+	1f
Gatwick	776	97537	005	$is_0ffs_0s_0$	$ff is_0 1f$
Thorney Island	871	00536	053	+	+
Hurn	862	00556	///	+	+
Guernsey	894	97023	017	ps_0	ps_0
Wattisham	590	00536	///	+	+
Gorleston	497	97006	013	ps_0	ps_0
Mildenhall	578	97527	026	$ps_0 1s$	1F
Cardington	559	94547	000	$ffsss_0s_0$	FF
West Raynham	485	91517	007	$ps_0s_0s_0$	is_0ff
Wittering	462	97537	000	$ps_0 1f$	1f
Boscombe Down	746	00557	022	ff	1fff
Ross-on-Wye	627	00557	000	ff	ff
Bristol	628	97547	000	$FFf1s_0s_0s_0$	ffs_0s_0
Aberporth	502	00006	064	+	+
Rhoose (Cardiff)	715	00526	051	+	+
Plymouth	827	00013	063	+	+
Chivenor	707	00013	073	+	+
St. Mawgan	817	00003	075	+	+
Culdrose	809	00000	054	+	+
Scilly	804	00023	053	+	+
Elmdon	534	00537	000	1Fff	+
Shawbury	414	97577	013	ff	ffFF
Manchester	334	00566	000	FF	FF
Squires Gate	318	00005	053	ff1f	+
Valley	302	00023	055	+	+
Ronaldsway	204	00023	054	+	+
Carlisle	222	00515	025	+	+
Watnall	354	91007	000	$1s_0ps_0$	ff
Spurn Head	396	97017	052	+	ps
Finningley	360	97519	000	$ffps_0$	ps_0ff
Dishforth	261	94517	020	ps_0ps1f	$ps_0s_0s_0$
Tynemouth	262	04007	029	psss	1sss
Eskdalemuir	162	00527	038	+	+
Mull of Galloway	131	00023	///	/	/
Prestwick	135	00003	038	+	+
Renfrew	141	00563	000	+	+
Leuchars	171	00517	063	+	+
Dyce	091	97519	037	ps_0	+
Wick	075	01529	018	+	ps_0ps_0
Cape Wrath	049	91036	///	+	ps
Sule Skerry	010	01046	///	/	/
Lerwick	005	97019	015	+	ps_0
Stornoway	026	00027	055	+	+
Benbecula	022	00035	068	+	+
Tiree	100	00033	064	+	+
Aldergrove	917	00005	038	+	+
Malin Head	980	9602	022	/	/
Belmullet	976	9704	057	/	/
Birr	965	9752	044	/	/
Collinstown	969	0201	035	/	/
Rineanna	962	9701	061	/	/
Roches Point	952	0002	048	/	/
Valentia	953	0002	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33012	20922	80021	31505	28500	00400	/////	/////	05104	10946	1////
B	70565	51012	82521	63877	00353	883//	00305	83808	88616	06256	10957	12634
C	70528	35512	71614	63025	95109	60972	00337	86359	/////	00307	16050	1////
D	70440	41012	72938	63158	11609	745//	00224	87625	/////	05702	17961	1////
I	70590	18912	21112	98158	33407	29462	00208	82918	/////	05601	11131	11543
J	70525	19912	81238	97022	19309	855//	31222	85625	88640	05404	16255	1////
K	70451	16112	61226	80011	13412	58502	00002	83826	83640	05108	11256	11863
M	73661	01912	73122	70022	23503	65601	00717	86635	/////	05753	13144	1////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33018	11023	75021	30406	16400	00610	/////	/////	00104	11047	1////
B	70565	51018	72725	58858	02855	724//	00310	87815	/////	06659	12737	10845
C	70528	35518	70910	65032	02008	60976	00234	82358	84364	00107	15950	1////
D	70440	41018	62940	65252	15309	64500	00325	86620	/// /	05603	17961	1////
I	70590	18918	41208	98258	33907	39460	00307	82918	/////	05550	11231	11543
J	70524	19818	81232	97602	17808	78571	00501	83820	87645	05505	16252	11857
K	70451	16218	81424	70608	10412	48571	00808	82823	83640	05110	11358	10656
M	73661	02218	53122	70012	20903	55600	00711	85635	/////	05755	13144	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

NAUTICAL MILES

0 500 1000 1500

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

1200h. of 12 JANUARY 1963

Explanation of symbols

CL

Symbol

WEA

Symbol

For each half-feat 5 knots

CHARTS OF WEATHER IN WEST EUROPE

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Cloud Amount (oktas)
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6
7 or more
8
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Weather

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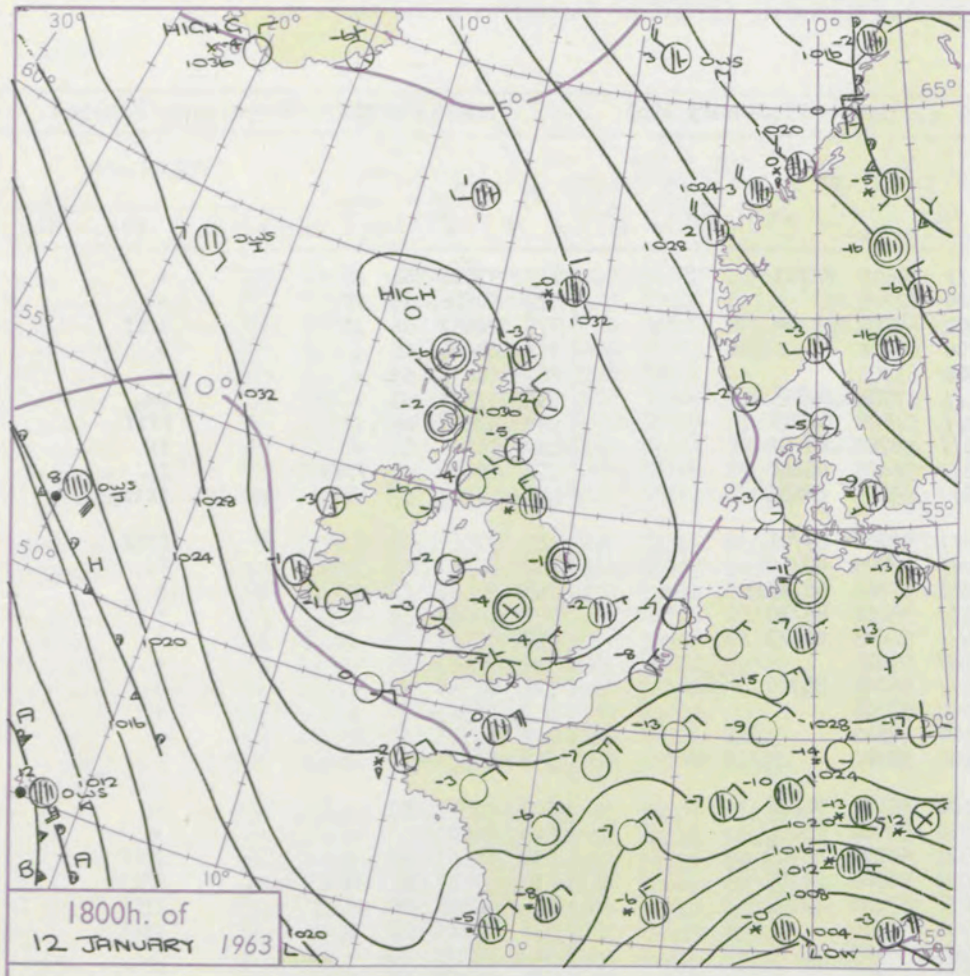
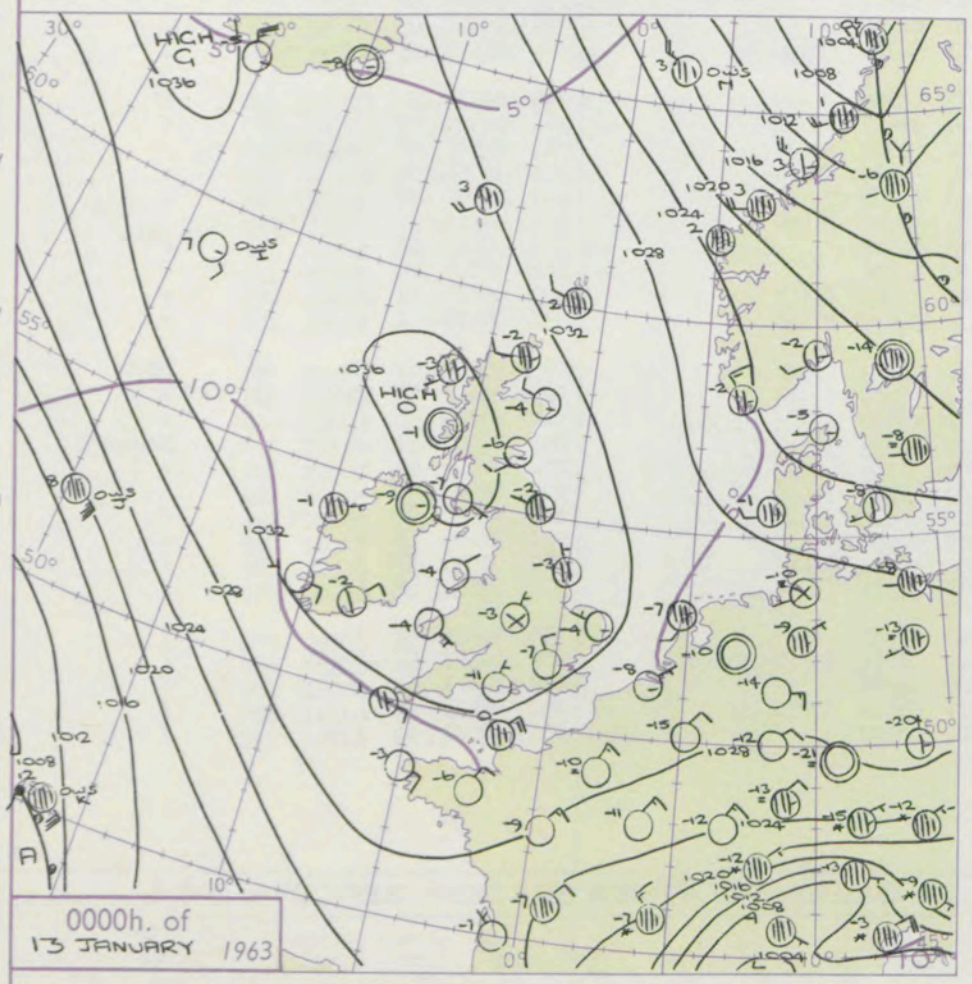
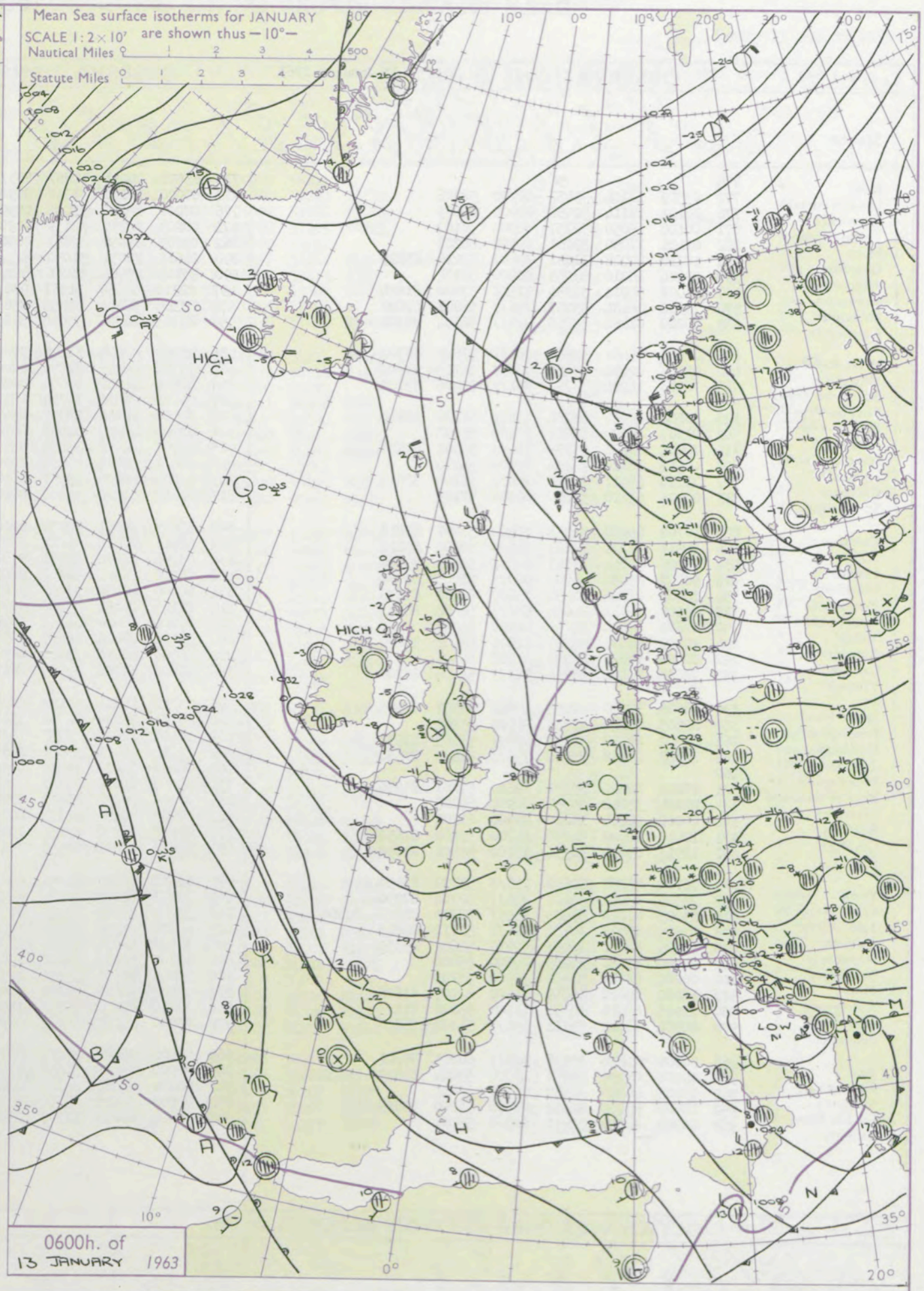
IND
Wind speed (knots)
Calm
1–2
3–7
8–12
13–17
additional er add
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Sunday 13 December** 1963

The high pressure belt from Iceland to the British Isles has changed little in the last 24 hours but a significant change has occurred over Scandinavia due to the transfer of a deepening wave southeast from northeast Greenland. This depression will be steered southeast over the Baltic and a northerly upper jet over the Norwegian Sea will carry a fall of pressure south over the North Sea causing some disruption of the ridge over Britain and transfer of a cold front into Northern and some eastern districts. The main curve of high pressure will be to northwest of Ireland while secondary high cell is likely over France.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Continuing cold but less cold than hitherto in most areas with reduced severity of frost. Some sleet or snow is expected, chiefly in the east of parts of the North. Patchy fog will affect a few western areas where frost will be very severe in places tonight.

OUTLOOK

Cold with showers of sleet or snow over Britain.

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

Code FM 11.A — OBSERVATIONS at 00h. 13 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			56					
London Airport	772	03509	17104	33457	00900	58006			
Gatwick	776	00101	19114	32558	00900	60003			
Thorney Island	871	00108	15050	32757	00900	58102			
Hurn	862	00106	17050	33061	00900	64208			
Guernsey	894	30710	82028	31451	32500	57210	83825		
Wattisham	590	03404	40010	33059	00900	60104			
Gorleston	497	13007	58011	32354	11500	57400	81824		
Mildenhall	578	72802	06484	33257	756//	58801	87640		
Cardington	559	90000	01454	33856	9/0//	56104	89/02		
West Raynham	485	82808	05461	32856	861//	57801	88702		
Wittering	462	93305	02494	33455	9/0//	55103	89/00		
Boscombe Down	746	70303	14284	33757	761//	59206	87702		
Ross-on-Wye	627								
Bristol	628	80404	19052	33754	854//	56206	88610		
Aberporth	502	01307	48020	33954	00900	56002			
Rhoose (Cardiff)	715	70806	11101	33755	754//	55207	87618		
Plymouth	827	00512	48010	32954	00900	56110			
Chivenor	707	71110	48011	33252	754//	56106	87617		
St. Mawgan	817	00901	57010	33056	00900	57105			
Culdrose	809	30708	60030	32254	31400	57207	83818		
Scilly	804	50911	81031	31601	51400	58204	85812		
Elmdon	534	90205	06044	33753	9/0//	54004	89/02		
Shawbury	414	90000	F3494	34860	9/0//	61003	89/00		
Manchester	334	10000	01484	34259	15600	60400	81630		
Squires Gate	318	60000	19041	34054	656//	56400	86645		
Valley	302	00602	40040	34454	00900	55000			
Ronaldsway	204	10209	69020	34753	11500	55001	81820		
Carlisle	222	00000	14020	35759	00900	60101			
Watnall	354	73604	04424	33954	763//	54104	87706		
Spurn Head	396	43606	32028	32053	40940	55601	84358		
Finningley	360	02905	05444	33754	00900	55801			
Dishforth	261	73509	28057	33755	756//	55802	87635		
Tynemouth	262	72907	48168	33752	756//	52500	87630		
Eskdalemuir	162								
Mull of Galloway	131	10209	82020	35351	12600	52201	81830		
Prestwick	135	01104	35040	35957	00900	59205			
Renfrew	141	00000	02484	36260	00900	61201			
Leuchars	171	12410	74020	34756	15700	59400	81650		
Dyce	091	12912	69020	34954	15700	55801	81650		
Wick	075	72708	83028	33652	756//	53709	87630		
Cape Wrath	049	72305	83032	34401	736//	52704	87930		
Sule Skerry	010	43005	81018	33503	2355/	00709	82925	84360	
Lerwick	005	82810	83038	30502	806//	53717	88645		
Stornoway	026	52406	82031	36053	50930	54602	85359		
Benbecula	022	00000	89020	36253	00900	55000			
Tiree	100	00000	89010	36551	00900	55103			
Aldergrove	917	10000	48020	36059	15500	62105	81625		
Malin Head	980	11905	83010	36154	11500	55206	81825		
Belmullet	976	60804	74021	35151	656//	54302	86640		
Birr	965	90000	m01494	35558	9/0//	60203	89/01		
Collinstown	969	40208	69038	34551	48500	53004	83827	84640	
Rineanna	962	03605	48020	34559	00900	60001			
Roches Point	952	20409	69030	32952	28500	54000	83825		
Valentia	953	00909	80020	32851	00900	56001			

OBSERVATIONS at 06h. 13 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	83001	20041	32857	863//	59602	88709		
London Airport	772	00000	18100	33361	00900	62703			
Gatwick	776	00000	10284	33066	00900	68802			
Thorney Island	871	00203	28050	33159	00900	60701			
Hurn	862	03603	23050	32861	00900	63703			
Guernsey	894	60611	78031	31050	62[illegible]//	57301	86828		
Wattisham	590	83109	05484	31056	862//	57808	88703		
Gorleston	497	92910	04434	31357	9/0//	58702	89/02		
Mildenhall	578	83305	06484	32555	856//	56605	88640		
Cardington	559	82703	14284	33054	856//	55705	88635		
West Raynham	485	92707	02494	31756	9/0//	57707	89/01		
Wittering	462	93306	08494	32555	9/0//	56809	89/00		
Boscombe Down	746	80108	14051	33656	862//	57801	88703		
Ross-on-Wye	627	83202	24022	33754	864//	55400	88710		
Bristol	628	80000	26052	33955	854//	56803	88613		
Aberporth	502	01804	40050	34058	00900	59804			
Rhoose (Cardiff)	715	80707	32052	33854	855//	56804	84710	88620	
Plymouth	827	00512	48020	33055	00900	57101			
Chivenor	707	00504	66022	33557	00900	58202			
St. Mawgan	817	01012	61020	33056	00900	58702			
Culdrose	809	40609	50051	32054	42400	55401	84818		
Scilly	804	50915	59012	31101	52500	55604	85821		
Elmdon	534	93304	01474	33655	9/0//	56701	89/00		
Shawbury	414	90000	06494	34257	9/0//	58706	89/02		
Manchester	334	90000	F7494	33858	9/0//	61400	89/01		
Squires Gate	318	01103	01464	33860	00900	61500			
Valley	302	00000	40040	34355	00900	58803			
Ronaldsway	204	00106	83020	34455	00900	57803			
Carlisle	222	00000	48010	35461	00900	62701			
Watnall	354	80000	19104	33154	864//	54704	86710		
Spurn Head	396	03212	16104	31152	00900	53809			
Finningley	360	33107	28044	32754	35600	55607	83632		
Dishforth	261	13407	32057	32757	15600	57708	81640		
Tynemouth	262	12914	61021	33054	15600	55703	81636		
Eskdalemuir	162	00000	74020	36362	00900	63802			
Mull of Galloway	131	10208	82020	35352	12600	53702	81830		
Prestwick	135	01205	58020	34960	00900	61505			
Renfrew	141	00000	F4464	35263	00900	64706			
Leuchars	171	22608	74030	33256	10941	58709	81359		
Dyce	091	72812	80021	32551	756//	54815	87640		
Wick	075	62612	80227	30951	656//	52719	86630		
Cape Wrath	049	72713	86032	31604	735//	53709	87915		
Sule Skerry	010	53009	81022	31105	3153/	53710	83825	85360	
Lerwick	005	42920	83251	26003	33402	50727	83918		
Stornoway	026	32607	82011	34200	38500	51709	81827	83650	
Benbecula	022	12705	86020	34900	15600	54807	81630		
Tiree	100	13305	89030	35552	11500	56802	81822		
Aldergrove	917	00000	40020	35759	00900	60703			
Malin Head	980	12006	83020	35754	11500	55603	81825		
Belmullet	976	00000	74021	35052	00900	55501			
Birr	965	00000	59024	35261	00900	62603			
Collinstown	969	70000	03468	34451	735//	52801	83922	87640	
Rineanna	962	00000	02484	34360	00900	61502			
Roches Point	952	70508	74038	32600	785//	53500	87820		
Valentia	953	00811	80010	31700	00900	53707			

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_E$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97586	64	+	+
London Airport	772	00616	65	if	+
Gatwick	776	00667	66	if	ifff
Thorney Island	871	00596	62	+	+
Hurn	862	00636	65	+	+
Guernsey	894	97523	53	+	ps_o
Wattisham	590	97626	65	if	FFff
Gorleston	497	00596	61	+	ff
Mildenhall	578	00607	62	FFff	ff
Cardington	559	97567	59	FF	$ffis_o$
West Raynham	485	97587	63	ffFF	ffFF
Wittering	462	00567	61	ifff	ff
Boscombe Down	746	97587	62	ff	+
Ross-on-Wye	627	00567	56	ff	+
Bristol	628	00567	57	+	+
Aberporth	502	00587	65	+	+
Rhoose (Cardiff)	715	00556	57	+	+
Plymouth	827	00563	60	+	+
Chivenor	707	00593	63	+	+
St. Mawgan	817	00573	59	+	+
Culdrose	809	00553	61	+	+
Scilly	804	00003		+	+
Elmdon	534	00567	56	+	ffFF
Shawbury	414	97617	61	FF	FFff
Manchester	334	97596	60	FF	ffFF
Squires Gate	318	00615	63	if	ffFF
Valley	302	00573	62	+	jf
Ronaldsway	204	00573	60	+	+
Carlisle	222	00613	65	+	+
Watnall	354	00577	63	ff	+
Spurn Head	396	00538		ff	ff
Finningley	360	00559	59	ff	+
Dishforth	261	97587	58	$sss_os_ois_o$	+
Tynemouth	262	94557	57	ps	+
Eskdalemuir	162	00667	70	+	+
Mull of Galloway	131	00523			
Prestwick	135	00613	64	+	+
Renfrew	141	00643	66	+	+
Leuchars	171	00577	59	+	+
Dyce	091	00579	61	+	+
Wick	075	95569	57	is_o	is_ois
Cape Wrath	049	01516	52	ps	+
Sule Skerry	010	93025	55	/	/
Lerwick	005	02507	52	+	$pr_os_opr_o$
Stornoway	026	00567	60	+	+
Benbecula	022	00555	64	+	+
Tiree	100	00553	63	+	+
Aldergrove	917	00605	65	+	+
Malin Head	980	00555	57	/	/
Belmullet	976	97553	59	/	/
Birr	965	97625	64	/	/
Collinstown	969	04547	57	/	/
Rineanna	962	97613	63	/	/
Roches Point	952	97523	55	/	/
Valentia	953	00523	54	/	/

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_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	10620	32900	11123	80020	30206	15500	00602	/////	/////	00003	11147	1////
B	10565	51000	82524	63858	09655	8241//	00234	88815	/////	06660	12638	1////
C	10528	35500	70903	65021	09508	20936	00237	82358	872//	00006	10858	1////
D	10440	41000	22935	69020	20011	25500	00224	82625	/////	05506	18051	1////
I	10589	18800	11510	09028	34707	11601	31400	81835	/////	05551	11431	11543
J	10523	19800	81235	97276	19008	6857/	00203	83820	86640	05603	16252	11857
K	10452	16300	81430	65618	09112	57471	00806	85713	88459	05309	11459	1////
M	13660	02300	63127	70012	16203	65500	00642	86630	/////	05752	13146	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33006	11225	80020	27706	15500	32616	/////	/////	00104	11247	1////
B	10565	51006	72521	63858	18155	723//	00247	87815	/////	06760	12539	1////
C	10528	35506	83210	65022	12808	50977	00217	85358	862//	00107	10858	1////
D	10440	41006	62934	65021	22610	65500	00310	86625	/////	05604	18051	1////
I	10589	18806	11407	99020	35007	18500	00801	81825	/////	05651	11441	11852
J	10526	20506	81240	97216	20008	5552/	71204	85628	88458	05606	16156	1////
K	10452	16206	71237	70258	07411	725//	31709	87820	/////	05410	16451	1////
M	13660	02606	83538	70032	13202	884//	71505	83830	88630	05854	13349	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36943

Date of Issue Monday 14 January 1963

Code FM 11.A — OBSERVATIONS at 12h. 13 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	83108	19054	33054	855//	56805	87710	88620	
London Airport	772	83006	28051	33454	863//	55804	88706		
Gatwick	776	83303	17284	33455	860//	56802	83701	88702	
Thorney Island	871	13309	48051	33554	16400	56803	81715		
Hurn	862	83606	37051	33954	873//	55001	83708	88709	
Guernsey	894	71010	32858	33350	784//	56110	58510	86635	
Wattisham	590	83010	05484	31253	860//	53808	88701		
Gorleston	497	92908	08424	29952	9/0//	53702	89/02		
Mildenhall	578	73104	17104	31652	756//	53809	85710	87635	
Cardington	559	82607	17107	32752	863//	53704	88707		
West Raynham	485	92807	02457	30953	9/0//	53707	89/02		
Wittering	462	63011	28044	32152	656//	53807	86640		
Boscombe Down	746	73407	32052	34454	762//	55000	87705		
Ross-on-Wye	627	80000	06102	34755	863//	56101	88706		
Bristol	628	83405	23052	34955	863//	56105	88708		
Aberporth	502	02101	59050	34753	00900	57003			
Rhoose (Cardiff)	715	80000	23052	34654	864//	55000	88710		
Plymouth	827	00807	48040	34052	00900	55002			
Chivenor	707	10000	28051	34652	16400	55801	81710		
St. Mawgan	817	10808	66030	34052	12500	56003	81820		
Culdrose	809	30609	66051	33252	32500	53107	83820		
Scilly	804	30913	66021	32502	56107	83822			
Elmdon	534	33105	03484	33354	00901	55803	83070		
Shawbury	414	72802	02484	34456	760//	57002	87701		
Manchester	334	90000	01494	34258	9/0//	62803	89/01		
Squires Gate	318	91103	F2494	33855	9/0//	55004	89/00		
Valley	302	10000	40040	34902	11500	54003	81820		
Ronaldsway	204	13206	83020	34002	12540	54802	81820		
Carlisle	222	30000	48050	34858	15601	62706	81645	83070	
Watnall	354	32804	03044	32552	35700	55808	83650		
Spurn Head	396	63214	20858	30251	4957/	53602	84920	86360	
Finningley	360	13410	19041	32050	00901	53806	81073		
Dishforth	261	13101	40400	32454	10939	57805	81365		
Tynemouth	262	52718	32051	31953	25676	54808	82635	85275	
Eskdalemuir	162	30000	82030	35158	00902	59806	83068		
Mull of Galloway	131	10107	82020	35502	12600	00701	81830		
Prestwick	135	10000	37020	34452	10971	54604	81363		
Renfrew	141	70000	02424	34657	756//	58707	87635		
Leuchars	171	72815	89021	31451	757//	55811	87650		
Dyce	091	13016	80011	30001	15540	53714	81620		
Wick	075	23013	86038	28102	29500	00713	82920		
Cape Wrath	049	72918	83038	29503	785//	01709	87825		
Sule Skerry	010	73009	81808	28705	6354/	02705	86925		
Lerwick	005	73518	74278	23902	734//	52708	85818		
Stornoway	026	62807	63152	33003	63400	00806	86917		
Benbecula	022	52814	83151	34004	58500	52807	82827	85636	
Tiree	100	63012	89031	34603	685//	54807	81822	86640	
Aldergrove	917	00000	F7444	36256	00900	57102			
Malin Head	980	32509	85020	35702	31500	00604	83825		
Belmullet	976	10806	80020	36501	12500	52105	81823		
Birr	965	90000	01474	36757	9/0//	57005	89/02		
Collinstown	969	13303	59108	35355	18500	57703	81820		
Rineanna	962	00000	24284	35855	00900	56003			
Roches Point	953	30609	66031	34203	38500	54006	82828	83640	
Valentia	953	11010	80030	33303	15600	55105	81630		

OBSERVATIONS at 18h. 13 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	22504	19558	30353	25500	55812	82620		
London Airport	772	42606	16042	30355	46300	55713	84706		
Gatwick	776	83105	15102	30454	862//	55712	88704		
Thorney Island	871	83107	17052	31855	863//	56706	88708		
Hurn	862	70110	19057	31656	763//	57707	87706		
Guernsey	894	50702	66028	31951	584//	55707	82816	83640	
Wattisham	590	23109	28107	28755	25600	55713	82635		
Gorleston	497	12912	37058	27252	10940	53712	81360		
Mildenhall	578	03006	14057	28754	00900	55714			
Cardington	559	02608	12284	30657	00900	56707			
West Raynham	485	02906	32017	28355	00900	56812			
Wittering	462	02911	14041	30257	00900	58710			
Boscombe Down	746	83212	07424	32356	860//	56709	88701		
Ross-on-Wye	627	92801	02454	32056	9/0//	56710	89/00		
Bristol	628	80000	14284	32655	862//	56808	88703		
Aberporth	502	00000	57050	32855	00900	55707			
Rhoose (Cardiff)	715	02905	23051	32756	00900	57709			
Plymouth	827	00108	19040	32553	00900	57803			
Chivenor	707	00000	32050	32956	00900	58805			
St. Mawgan	817	00506	66020	32954	00900	57701			
Culdrose	809	10505	62050	32054	12500	57602	81823		
Scilly	804	30811	82011	31301	32400	57400	83815		
Elmdon	534	23105	05044	31055	26200	57710	82704		
Shawbury	414	02303	17284	31858	00900	59715			
Manchester	334	90000	F8494	31755	9/0//	56710	89/01		
Squires Gate	318	90405	F9494	31357	9/0//	58710	89/01		
Valley	302	23603	69010	32551	28500	54711	82822		
Ronaldsway	204	33509	83020	32201	38530	54707	81820		
Carlisle	222	10000	23101	31756	15640	59616	81642		
Watnall	354	03005	07044	30354	00900	55710			
Spurn Head	396	33217	48021	27751	35640	54713	88635		
Finningley	360	42913	13040	29552	00902	56712	84073		
Dishforth	261	73506	69031	29051	758//	57713	87657		
Tynemouth	262	52818	48052	28552	5097/	57715	85358		
Eskdalemuir	162	12919	66021	30852	15600	52716	81640		
Mull of Galloway	131	33613	82150	32601	32540	52714	82920		
Prestwick	135	20000	62021	30951	25500	53715	82625		
Renfrew	141	12807	19104	30551	15600	53720	81635		
Leuchars	171	12608	82021	27753	15700	55716	81650		
Dyce	091	83116	48688	26901	872//	50607	82703	88712	
Wick	075	73413	74608	25902	756//	01704	87620		
Cape Wrath	049	42313	81	27505	48500	54607	84625		
Sule Skerry	010	73313	81028	27105	5357/	01704	85920	87360	
Lerwick	005	73418	80268	23002	784//	51802	85814		
Stornoway	026	23010	80268	30202	22500	01708	82820		
Benbecula	022	62812	74258	31604	694//	01711	83917	85640	
Tiree	100	63013	86011	32203	685//	51613	82820	85650	
Aldergrove	917	70000	23054	33954	756//	55708	87635		
Malin Head	980	52811	83031	33902	515//	53611	85825		
Belmullet	976	00000	74020	35854	00900	56400			
Birr	965	92202	01434	35555	9/0//	56801	89/02		
Collinstown	969	02907	61100	34154	00900	56803			
Rineanna	962	13005	58100	35155	15601	56202	81650		
Roches Point	952	60310	69021	33500	685//	54102	84825	86632	
Valentia	953	11008	75010	33401	15600	55104	81630		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97526	000	ff	ps_o
London Airport	772	00536	000	+	+
Gatwick	776	00547	000	+	+
Thorney Island	871	00536	012	+	+
Hurn	862	97546	///	ss	+
Guernsey	894	91015	013	ps_o	ps_o
Wattisham	590	97526	///	ff	$is_os_os_o$
Gorleston	497	01006	000	+	ps_ops
Mildenhall	578	97527	000	ffs_os_o	s_os_o
Cardington	559	00527	001	+	if
West Raynham	485	95529	000	$FFffs_os_oss$	+
Wittering	462	00517	022	+	+
Boscombe Down	746	97547	000	+	ff
Ross-on-Wye	627	00547	000	if	ffFF
Bristol	628	00547	000	+	ff
Aberporth	502	00507	064	+	+
Rhoose (Cardiff)	715	00526	012	+	+
Plymouth	827	00003	064	+	+
Chivenor	707	00003	043	+	+
St. Mawgan	817	00003	077	+	+
Culdrose	809	00003	054	+	+
Scilly	804	00033	053	+	+
Elmdon	534	00537	000	ff	+
Shawbury	414	97537	034	ffFF	if
Manchester	334	00556	000	FFff	ffFF
Squires Gate	318	97515	000	FF	FFff
Valley	302	97046	043	+	ps_o
Ronaldsway	204	97033	065	+	ps_o
Carlisle	222	00545	042	+	+
Watnall	354	00007	033	if	ff
Spurn Head	396	97007	033	ps_o	+
Finningley	360	00029	032	+	+
Dishforth	261	00517	067	jf	+
Tynemouth	262	00527	045	+	+
Eskdalemuir	162	00517	049	+	+
Mull of Galloway	131	00023	///		
Prestwick	135	97033	043	+	ir_o
Renfrew	141	00023	000	FF	ff
Leuchars	171	00027	035	+	+
Dyce	091	01027	050	+	$pr_•s_or_os_o$
Wick	075	01037	027	pr_us_o	$ir_•$
Cape Wrath	049	01052	///	pr_opr	pr_o
Sule Skerry	010	01062	///		
Lerwick	005	97036	000	pr_ois_c	$pr_opr_os_c$
Stornoway	026	01045	030	+	prs
Benbecula	022	02055	035	ph_oprspr_o	$prpr_o$
Tiree	100	94053	047	jp	pr
Aldergrove	917	00535	005	FF	+
Malin Head	980	9704/	030		
Belmullet	976	9704/	073		
Birr	965	9754/	000		
Collinstown	969	9152/	042		
Rineanna	962	9750/	052		
Roches Point	952	0003/	043		
Valentia	953	0003/	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10621	33212	31326	80030	25606	26440	00712	/////	/////	00004	11347	1////
B	10565	51012	82916	63858	25652	884//	00237	86814	88630	06159	12437	1////
C	10528	35512	83436	63022	19805	6552/	00136	86620	88457	05403	18240	12757
D	10440	41012	73627	65022	26511	755//	00215	87630	/////	05505	13359	1////
I	10589	18912	31406	99020	36507	31500	00013	83825	/////	05400	11421	11854
J	10526	20212	71133	97258	23008	78531	31225	85820	84650	05503	16254	1////
K	10452	16012	81234	50648	08811	884//	21211	82710	80913	05410	16543	10958
M	13662	02212	60332	60262	20201	69400	81234	86915	/////	06053	10338	13346

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33018	71428	65021	21706	4647/	00721	84618	/////	00205	11448	1////
B	10565	51018	61808	69028	28652	657//	00000	86635	/////	06160	12836	1////
C	10528	35518	73628	65022	25304	65530	00120	86635	/////	05651	18452	12757
D	10440	41018	83623	65022	28312	855//	00312	88630	/////	05406	10158	1////
I	10590	18818	21602	98020	35907	28400	00603	81818	/////	05551	10010	11763
J	10525	19918	41030	97151	24108	38501	21209	81825	83635	05400	16043	1////
K	10451	15818	81038	58258	09210	794//	21216	87916	/////	05508	16366	10957
M	13659	01918	60228	70802	23351	59401	42206	83915	/////	06457	15230	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

NAUTICAL MILES

0 500 1000 1500

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

1200h. of
13 JANUARY 1963

Explan
of sy

CLO

Symbol

Sky

WEA

Symbol

Mist
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Rain
Rain
Snow
Rain
Snow
Hail
Thu

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Symbol

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CHARTS OF WEATHER IN WEST EUROPE

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6
7 or more
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obscured

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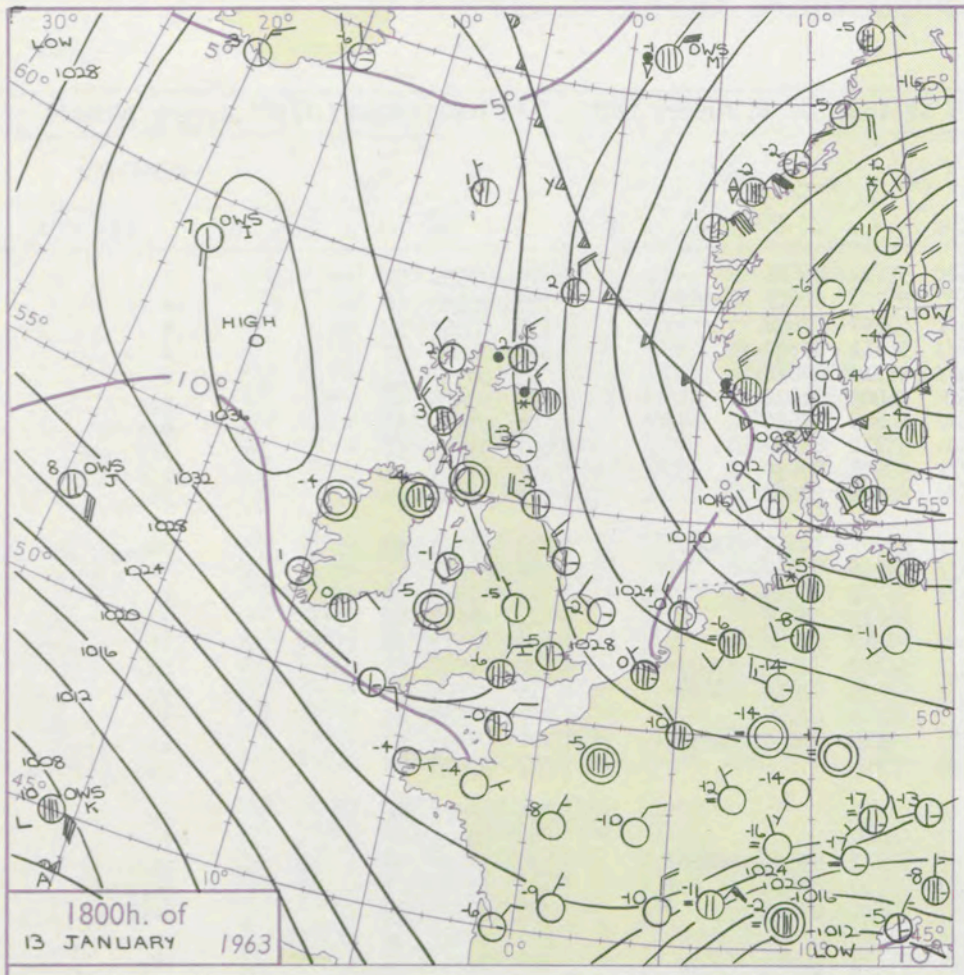

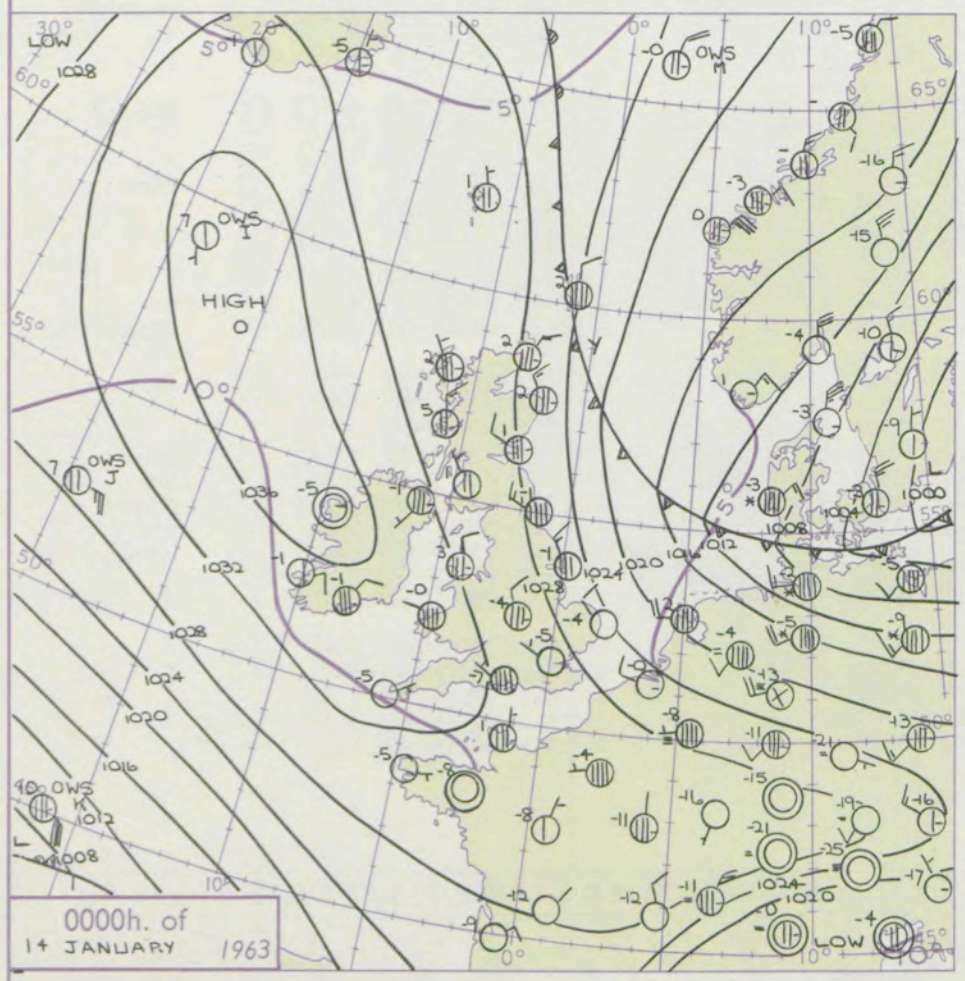

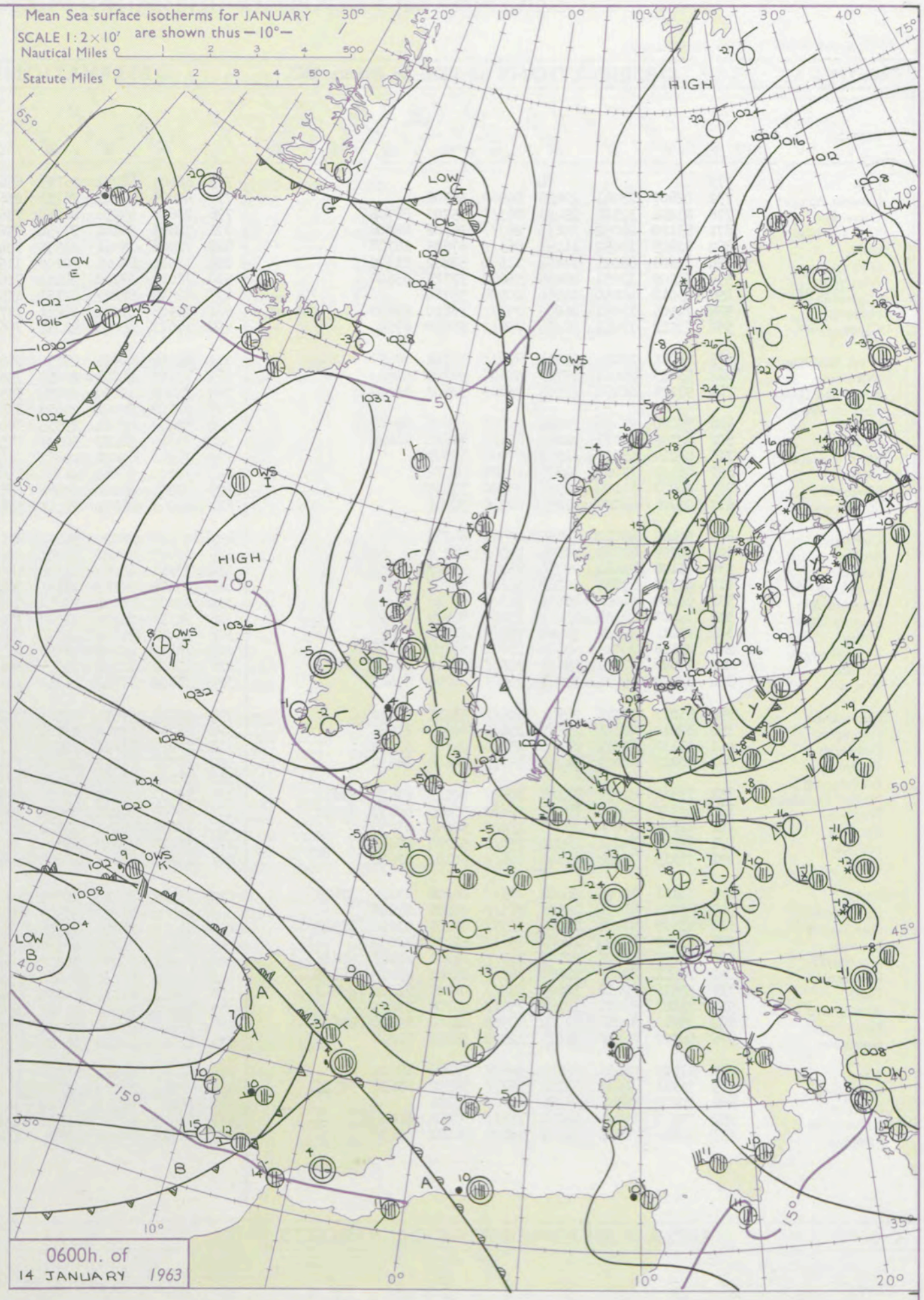

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Monday 14 January** 1963

Significant changes are now occurring in the pressure pattern from eastern Canada to western Europe. Warm advection is occurring northeastwards over the western Atlantic and this will maintain and probably intensify a little the high cell moving slowly east from a position near SHIP C. This will merge with the anticyclone to west of Scotland as the latter drifts west and a small depression transfers east across the Denmark Straits. Air with a drift from the northeast Atlantic will spread to all parts of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Variable cloud with showers chifly in western, northern and eastern coastal districts. More general cloudiness in northwest and extreme north with chance of occasional rain from northwest by midday tomorrow. Frost with fog patches in many inland areas tonight but mainly slight to moderate. Slow thaw by day in low lying areas.

OUTLOOK following 24 hours.

Slow thaw continuing. Probably occasional rain in parts of the north and scattered showers in the southeast. Less cold.

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

Code FM 11.A

OBSERVATIONS at 00h. 14 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$
Kew	775			54					
London Airport	772	02807	23041	29455	00900	55706			
Gatwick	776	83204	32101	29453	863//	55703	88706		
Thorney Island	871	83110	28052	30655	863//	56706	88706		
Hurn	862	82805	19052	31157	863//	57605	88706		
Guernsey	894	13608	68021	31851	11500	57802	81820		
Wattisham	590	52609	17051	26656	55600	57713	85640		
Gorleston	497	03012	40050	24554	00900	55714			
Mildenhall	578	72506	17051	26855	757//	56810	87650		
Cardington	559	72512	17051	28254	756//	55810	87644		
West Raynham	485	83011	23021	25954	856//	55711	88630		
Wittering	462	53013	20041	27753	55600	56709	85640		
Boscombe Down	746	93208	01454	31556	9/0//	57607	89/00		
Ross-on-Wye									
Bristol	628	90000	F7494	32056	9/0//	57602	89/00		
Aberporth	502	82702	58032	32250	855//	51603	88625		
Rhoose (Cardiff)	715	03210	48050	32357	00900	59302			
Plymouth	827	03107	37040	32855	00900	58002			
Chivenor	707	00907	14100	32958	00900	59400			
St. Mawgan	817	00706	66020	33255	00900	59301			
Culdrose	809	00405	68020	33955	00900	61102			
Scilly	804	00709	82020	32301	00900	5826			
Elmdon	534	73108	23044	29354	757//	55807	87650		
Shawbury	414	42710	69031	30055	45600	56807	84633		
Manchester	334	90000	F4494	29555	9/0//	56710	89/00		
Squires Gate	318	33407	19404	29251	35600	52809	83630		
Valley	302	73411	5922	31403	756//	51703	87635		
Ronaldsway	204	23118	80011	30602	25600	51807	82635		
Carlisle	222	73606	17101	29656	2563/	56810	82635	86358	
Watnall	354	72709	14031	28054	756//	56706	87645		
Spurn Head	396	63217	57031	24951	656//	53711	86630		
Finningley	360	32912	40041	27151	35600	54809	83645		
Dishforth	261	23110	69011	26850	25700	54709	82650		
Tynemouth	262	82817	61022	26251	856//	54608	88630		
Eskdalemuir									
Mull of Galloway	131	73315	82032	31303	785//	00713	83825	84630	
Prestwick	135	43107	74036	29401	22630	50803	82830	83362	
Renfrew	141	12806	58040	29000	15600	50506	81630		
Leuchars	171	72808	74031	26901	758//	52704	87657		
Dyce	091	73113	74258	26102	756//	50102	87642		
Wick	075	70115	8026	26402	785//	00208	83820	87625	
Cape Wrath	049	73205	83036	28503	785//	00205	87825		
Sule Skerry	010	83309	81038	27204	3357/	00201	83920	88360	
Lerwick	005	83510	82028	24202	856//	52210	88632		
Stornoway	026	73207	80028	30102	785//	01301	81824	87635	
Benbecula	022	73611	82032	31203	785//	01303	83825	86635	
Tiree	100	53316	82018	30605	585//	01707	81820	85643	
Aldergrove	917	72007	58031	32751	756//	53706	87630		
Malin Head	980	32915	83011	32504	38500	01605	82826	83640	
Belmullet	976	10000	74030	36355	12500	56207	81820		
Birr	965	92103	02494	36257	9/0//	58206	89/02		
Collinstown	969	72811	74031	33754	757//	56802	87650	52521	
Rineanna	962	00000	56100	36059	00900	60206			
Roches Point	952	70110	69021	34051	756//	55002	87634		
Valentia	953	20610	70030	34351	25600	56202	82630		

OBSERVATIONS at 06h. 14 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$
Kew	775	62605	58031	26753	65600	55612	86635		
London Airport	772	42809	59011	26753	25631	55708	82645	83360	
Gatwick	776	73601	59031	26654	756//	55707	87645		
Thorney Island	871	72808	30101	27954	756//	56711	87640		
Hurn	862	72906	19051	28555	754//	56710	87618		
Guernsey	894	13511	80021	30100	11500	56609	81822		
Wattisham	590	73015	37268	24452	756//	54608	87640		
Gorleston	497	62912	58227	22751	6550	53710	86622		
Mildenhall	578	72908	32052	24851	757//	53608	87650		
Cardington	559	72812	40028	26251	756//	52609	87648		
West Raynham	485	72916	40022	23751	756//	53707	84630	87640	
Wittering	462	73113	40041	26050	756//	53606	87640		
Boscombe Down	746	73406	15054	29254	755//	55709	87625		
Ross-on-Wye	627	82702	57022	28455	855//	56610	88625		
Bristol	628	52404	40014	29555	36402	56712	83712		
Aberporth	502	73315	58027	30503	785//	52708	82820	87635	
Rhoose (Cardiff)	715	73210	62021	29852	754//	54709	82618	87635	
Plymouth	827	70000	56041	31354	756//	56705	87645		
Chivenor	707	70906	20101	30958	5563/	59612	85630	86358	
St. Mawgan	817	5000	66031	31955	55600	56705	85641		
Culdrose	809	0106	78020	31854	00900	57704			
Scilly	804	00503	83020	31701	00900	56602			
Elmdon	534	73213	48268	26900	785//	52611	83820	87640	
Shawbury	414	73008	66268	28101	724//	0509	87814		
Manchester	334	90000	06494	27854	9/0//	56610	89/03		
Squires Gate	318	73313	70022	27702	756//	01605	87641		
Valley	302	73417	59802	29304	785//	01715	84820	87635	
Ronaldsway	204	73114	82021	29103	785//	01607	83825	87635	
Carlisle	222	70000	23101	28551	756//	52501	86630	87640	
Watnall	354	73008	37042	26250	756//	52603	87640		
Spurn Head	396	03216	59011	23301	00900	53602			
Finningley	360	83212	57041	25701	857//	53703	88650		
Dishforth	261	73210	74031	25601	757//	53400	87650		
Tynemouth	262	72811	61022	25502	756//	52502	87635		
Eskdalemuir	162	73408	48021	27601	756//	52601	87640		
Mull of Galloway	131	63610	80032	29603	68500	00704	83825	83630	
Prestwick	135	70000	66031	28654	7083/	55502	87357		
Renfrew	141	70000	66031	28752	756//	53500	87635		
Leuchars	171	73210	74012	26803	3573/	52501	83656	85359	
Dyce	091	63217	80268	26601	656//	50001	86645		
Wick	075	73512	80216	26802	756//	01002	87630		
Cape Wrath	049	73609	86022	28303	785//	54707	87825		
Sule Skerry	010	83313	74028	27105	4357/	01704	84920	88360	
Lerwick	005	63408	74858	25500	634//	50203	82912	86637	
Stornoway	026	73511	80258	30302	785//	01301	81822	87633	
Benbecula	022	10000	8623	30602	15600	51605	81640		
Tiree	100	63414	83038	30604	685//	01302	82822	86637	
Aldergrove	917	72805	59268	31100	784//	51708	82709	83816	86635
Malin Head	980	73410	82258	31005	785//	03706	83826	87643	
Belmullet	976	10000	74020	35355	15500	56705	81625		
Birr	965	52001	06424	34756	556//	56711	85630		
Collinstown	969	72714	74032	32054	757//	56709	87650		
Rineanna	962	00000	01484	35359	00900	61801			
Roches Point	952	03509	69020	33952	00900	55501			
Valentia	953	01012	80020	34551	00900	58602			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97556	59	+	+
London Airport	772	00556	58	+	+
Gatwick	776	00567	59	+	+
Thorney Island	871	00566	57	+	+
Hurn	862	00586	61	+	+
Guernsey	894	97525	55	+	ps_o
Wattisham	590	97596	63	+	ps_o
Gorleston	497	95557	58	+	is_o
Mildenhall	578	97587	66	+	is_o
Cardington	559	97597	//	+	ph_o
West Raynham	485	97559	58	+	phs_o
Wittering	462	00567	57	+	+
Boscombe Down	746	97587	61	ff	+
Ross-on-Wye	627	00617	63	iFif	+
Bristol	628	00577	58	ffFF	if
Aberporth	502	91546	59	ps_o	ps_o
Rhoose (Cardiff)	715	00556	61	+	+
Plymouth	827	00573	62	+	+
Chivenor	707	97595	60	+	is_o
St. Mawgan	817	97575	60	+	ps_o
Culdrose	809	00573	64	+	+
Scilly	804	0003	//	+	+
Elmdon	534	97557	58	+	ps_o
Shawbury	414	91577	61	+	ps_opr_{so}
Manchester	334	97557	55	FF	FFff
Squires Gate	318	00595	60	FFfff	+
Valley	302	97023	52	+	pr_o
Ronaldsway	204	97021	54	+	pr_ophr_o
Carlisle	222	00595	61	+	+
Watnall	354	00547	56	+	+
Spurn Head	396	97527	//	+	ps_o
Finningley	360	00527	55	+	+
Dishforth	261	00537	55	+	+
Tynemouth	262	97527	55	+	ps_o
Eskdalemuir	162	00527	55	+	+
Mull of Galloway	131	00523	//		
Prestwick	135	00553	59	+	+
Renfrew	141	00543	57	+	+
Leuchars	171	00517	53	+	+
Dyce	091	95017	51	ir_ops_o	$pr_os_opr_o$
Wick	075	97016	50	+	ir_o
Cape Wrath	049	93021	00	+	+
Sule Skerry	010	91031	01		
Lerwick	005	97516	53	pr_o	ps_o
Stornoway	026	01015	51	pr_os_o	pr_o
Benbecula	022	02015	55	pr_opr	pr_opr
Tiree	100	91011	51	pr_o	pr_o
Aldergrove	917	93567	60	ps_o	prs_ops_o
Malin Head	980	94021	51	/	/
Belmullet	976	97563	61	/	/
Birr	965	97605	60	/	/
Collinstown	969	00577	59	/	/
Rineanna	962	97603	63	/	/
Roches Point	952	97533	56	/	/
Valentia	953	00533	56	/	;

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	20620	33000	82621	35696	19502	874//	00301	/////	/////	05800	12635	11658
B	20565	51000	71828	69022	25451	75600	00636	87635	/////	05855	11834	12932
C	20528	3550(	83426	65022	29705	6557/	00220	86630	/////	05651	18341	1////
D	20440	41000	50210	65022	30712	65500	00107	85630	/////	05504	10156	1////
I	20588	19100	21605	98030	36607	21600	50203	82830	/////	05601	11431	11763
J	20526	19400	40925	97258	28507	48500	21219	82825	84640	05750	15940	1////
K	20451	16300	71012	60018	11610	785//	21214	82820	86630	05506	15954	16368
M	23660	01900	50120	70261	23250	49501	00609	84920	/////	06255	02338	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	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	20620	33006	62029	70276	20302	59461	00711	/////	/////	05650	12047	1////
B	20565	51006	71635	63022	15302	755//	00756	87630	/////	05252	11748	1////
C	20528	35506	83417	65022	31705	6557/	00215	86640	/////	05551	13449	1////
D	20440	41006	73612	65022	31612	755//	00307	87630	/////	05406	10145	1////
I	20591	19006	61810	98031	35507	28540	21605	82825	84635	05602	11521	11753
J	20528	18806	31018	99031	31408	31500	21220	83825	/////	05652	11034	11159
K	20451	16106	81042	56532	13309	855//	21210	88623	/////	05706	16050	16360
M	23659	02006	80207	70022	23350	855//	00604	88630	/////	06358	/////	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. 36944 — Date of Issue Tuesday 15 January 1963

Code FM 11.A — OBSERVATIONS at 12h. 14 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Kew	775	73307	58041	26102	756//	53805	87635		
London Airport	772	63212	48031	26702	65700	54001	86656		
Gatwick	776	13107	59021	26400	15630	52702	81645		
Thorney Island	871	73209	59052	28101	756//	52001	87640		
Hurn	862	53106	56051	28301	55700	50804	85656		
Guernsey	894	73508	78858	29704	785//	52803	84820	87640	
Wattisham	590	73212	48268	24800	76400	52002	87710		
Gorleston	497	73304	58268	23802	6847/	02210	81818	85624	85360
Mildenhall	578	73407	50027	25201	756//	52000	87640		
Cardington	559	63009	39012	26502	6565/	01002	86645		
West Raynham	485	73112	28268	24701	784//	50004	85705	86812	
Wittering	462	73413	59037	26402	755//	52104	81620	87640	
Boscombe Down	746	73210	40051	28700	756//	51001	87630		
Ross-on-Wye	627	42502	70021	28402	45600	00803	84635		
Bristol	628	72705	56051	29002	757//	51803	87650		
Aberporth	502	73514	83038	29903	784//	01805	84817	86635	
Rhoose (Cardiff)	715	63208	66022	29502	656//	50001	86630		
Plymouth	827	73507	12227	30601	75600	52809	87640		
Chivenor	707	63509	74027	30305	68430	01708	82817	86630	
St. Mawgan	817	73410	64278	31203	785//	51809	86822	85635	
Culdrose	809	73302	64027	31403	6853/	50804	81820	85635	
Scilly	804	64012	82018	32204	684//	53805	83815	86620	
Elmdon	534	33311	37041	27702	15730	53102	81650	83363	
Shawbury	414	63210	50048	28702	45602	01004	84645	84080	
Manchester	334	70000	04464	28552	756//	53002	87645		
Squires Gate	318	43407	16041	29004	45600	01106	84645		
Valley	302	73512	74022	30005	784//	02205	85818	87640	
Ronaldsway	204	60206	82018	29804	685//	02002	81715	86637	
Carlisle	222	70900	58052	29701	7564/	53105	87635		
Watnall	354	53410	48011	27002	45601	52102	84635		
Spurn Head	396	83212	32728	24901	874//	52210	88710		
Finningley	360	83314	59701	27003	856//	52104	83630	88645	
Dishforth	261	23314	69011	27003	25700	52003	82650		
Tynemouth	262	83420	19268	27003	856//	52107	88630		
Eskdalemuir	162	70103	70022	30001	756//	54002	87635		
Mull of Galloway	131	70209	82032	29804	785//	02400	81825	87630	
Prestwick	135	60000	19042	30300	6553/	51007	81620	84630	
Renfrew	141	12705	16041	30303	15600	50004	81635		
Leuchars	171	63111	83022	28303	657//	52003	86650		
Dyce	091	73007	58808	28401	724//	00101	83707	87810	
Wick	075	63205	74016	28002	684//	50400	82818	86625	
Cape Wrath	049	73602	83022	29704	755//	54400	87625		
Sule Skerry	010	70109	81808	28803	485//	02204	84820	87625	
Lerwick	005	63107	82038	26901	656//	53204	86635		
Stornoway	026	52905	80158	31103	58400	02202	82816	85630	
Benbecula	022	63102	83158	31503	684//	01801	82816	85635	
Tiree	100	63406	82151	31406	5843/	02103	81712	83818	
Aldergrove	917	60000	74028	31701	684//	51313	81815	86635	
Malin Head	980	53413	86038	31906	585//	01001	83825	85650	
Belmullet	976	53514	82801	34506	585//	04805	84820	85648	
Birr	965	72103	74034	34151	785//	51806	83821	87632	
Collinstown	969	72911	80032	31501	6853/	52706	81820	86640	
Rineanna	962	62508	66034	35051	656//	51806	86640		
Roches Point	952	33216	69011	34000	38502	53804	81825	83645	
Valentia	953	11002	80020	35703	15600	57002	81630		

OBSERVATIONS at 18h. 14 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Kew	775	63308	60022	27502	37541	52310	83650		
London Airport	772	73305	28052	27402	756//	52210	82630	87650	
Gatwick	776	73205	37051	27201	755//	52208	83622	87633	
Thorney Island	871	63209	26051	27800	656//	51207	86645		
Hurn	862	03102	28051	28352	00900	53105			
Guernsey	894	73508	80028	28704	5843/	00102	83816	84640	
Wattisham	590	83310	37028	26000	862//	50214	88703		
Gorleston	497	13208	48051	24901	15600	50210	81630		
Mildenhall	578	83405	28057	26800	856//	51216	85711	88635	
Cardington	559	73106	32022	27402	755//	51210	87621		
West Raynham	485	73109	23028	26101	762//	00111	87703		
Wittering	462	33411	50011	27301	35600	52213	83635		
Boscombe Down	746	03209	58011	29152	00900	53206			
Ross-on-Wye	627	10000	60020	29250	15600	53310	81630		
Bristol	628	13005	58021	29650	15700	53312	81650		
Aberporth	502	73402	80038	30402	784//	01210	81818	86635	
Rhoose (Cardiff)	715	73305	56052	30001	785//	00210	81820	87630	
Plymouth	827	30000	14108	30101	35700	01205	83650		
Chivenor	707	70105	74028	29902	784//	00103	81815	87650	
St. Mawgan	817	43607	66018	30501	43500	00301	83920		
Culdrose	809	70209	58666	30302	784//	50301	83810	87620	
Scilly	804	73611	82038	30805	784//	01604	84812	86622	
Elmdon	534	83407	09042	28802	857//	53214	86656		
Shawbury	414	13308	48041	29451	15700	53311	81650		
Manchester	334	53102	12044	29200	25730	52312	82650	84360	
Squires Gate	318	33650	12040	29501	35600	52210	83645		
Valley	302	73604	82022	30503	755//	51210	82625	88640	
Ronaldsway	204	23507	74012	30601	25600	53108	82640		
Carlisle	222	83001	48032	30602	855//	52311	82825	88635	
Watnall	354	33607	19041	28300	10941	53112	81362	83075	
Spurn Head	396	43209	32728	26301	45500	00213	84620		
Finningley	360	63415	63017	28402	6656//	51213	86638		
Dishforth	261	33209	56057	28501	35600	52314	83640		
Tynemouth	262	73415	32838	27901	755//	00209	87625		
Eskdalemuir	162	73504	66012	31550	756//	52314	87635		
Mull of Galloway	131	63609	82012	31103	68500	52213	81825	86630	
Prestwick	135	70000	48041	30601	756//	51306	87634		
Renfrew	141	60000	11041	30902	656//	52107	86635		
Leuchars	171	12806	89011	29400	15700	55210	81650		
Dyce	091	72906	56268	29001	784//	00106	81706	84812	86630
Wick	075	73405	80608	28201	755//	50203	87625		
Cape Wrath	049	73602	83022	30104	755//	51205	87625		
Sule Skerry	010	83509	84038	28505	865//	01203	88720		
Lerwick	005	73412	74028	27201	784//	53302	83819	87648	
Stornoway	026	70000	74028	31601	784//	01209	83818	87632	
Benbecula	022	33506	82018	31902	38400	01204	81818		
Tiree	100	23411	82018	31803	28500	01204	81820		
Aldergrove	917	73403	74022	31901	785//	50208	81710	83820	86641
Malin Head	980	73512	82808	32406	785//	01307	86821	87656	
Belmullet	976	70207	80258	34303	734//	02305	85919	87635	
Birr	965	30000	70011	33551	35600	52304	83633		
Collinstown	969	73006	72032	31902	756//	00109	87642		
Rineanna	962	63310	74258	34002	684//	00302	82818	86640	
Roches Point	952	23409	80011	33402	25600	53106	82645		
Valentia	953	30705	80011	34702	52500	83633			

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00036	026	+	+
London Airport	772	00036	020	+	+
Gatwick	776	00027	046	+	+
Thorney Island	871	00026	017	+	+
Hurn	862	00026	///	+	+
Guernsey	894	97045	006	ps_o	pr_o
Wattisham	590	97015	///	ps_o	+
Gorleston	497	95036	009	pr_os_o	+
Mildenhall	578	91026	007	is_o	is_o
Cardington	559	00037	011	+	+
West Raynham	485	94017	006	$psps_o$	ph_ois_o
Wittering	462	97037	013	is_o	+
Boscombe Down	746	00027	036	+	+
Ross-on-Wye	627	00057	055	+	+
Bristol	628	00037	024	+	+
Aberporth	502	96036	000	pr_os_oph	+
Rhoose (Cardiff)	715	00036	007	+	+
Plymouth	827	97043	009	is_oif	pr_o
Chivenor	707	97053	006	$is_oph_or_o$	pr_o
St. Mawgan	817	97053	016	pr_oph_o	+
Culdrose	809	01043	004	$is_oir_os_o$	ir_o
Scilly	804	96051	005	ph_opr_o	ph_o
Elmdon	534	00027	024	+	if
Shawbury	414	00027	042	+	+
Manchester	334	00016	005	ff	ff
Squires Gate	318	00045	045	+	if
Valley	302	97053	007	pr_o	+
Ronaldsway	204	92041	004	pr_o	+
Carlisle	222	00035	000	+	+
Watnall	354	00037	019	+	+
Spurn Head	396	02016	009	$isps_o$	is
Finningley	360	97037	015	is_o	+
Dishforth	261	97046	036	is_o	+
Tynemouth	262	03036	001	pr_os_ops	pr_os_o
Eskdalemuir	162	00027	005	+	+
Mull of Galloway	131	97041	///		
Prestwick	135	00033	004	+	+
Renfrew	141	00053	041	+	+
Leuchars	171	00037	019	+	+
Dyce	091	06027	003	pr_os_oprs	pr_os_oprs
Wick	075	92036	004	pr_o	ir_o
Cape Wrath	049	01051	///	+	+
Sule Skerry	010	92051	///	f	/
Lerwick	005	97016	014	ps_o	ps_o
Stornoway	026	95045	007	ir_o	ir_opr_o
Benbecula	022	93055	015	pr_opr	pr_o
Tiree	100	91061	027	pr_o	pr_o
Aldergrove	917	00035	011	+	+
Malin Head	980	9206	028	/	/
Belmullet	976	0107	035	/	/
Birr	965	5701	001	/	/
Collinstown	969	0003	021	/	/
Rineanna	962	9703	008	/	/
Roches Point	952	9703	023	/	/
Valentia	953	0005	032	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20621	32912	82232	20888	18202	894//	00603	/////	/////	05850	12259	1////
B	20565	51012	81639	56612	04505	6732/	00644	86806	88511	/////	1////	1////
C	20528	35512	83616	65022	33505	855//	00308	88622	/////	05551	10356	13546
D	20440	41012	73615	69022	34012	756//	00219	87635	/////	05304	10345	1////
I	20591	18712	52210	99141	36608	58500	00701	81825	85635	05453	12222	12054
J	20528	18512	71020	99258	35108	765//	12223	83825	87640	05751	11045	11359
K	20451	16112	81045	65025	16710	855//	21220	88603	/////	05503	15858	1////
M	23659	01612	71813	70262	21901	78500	00717	82820	87630	06052	100/0	10344

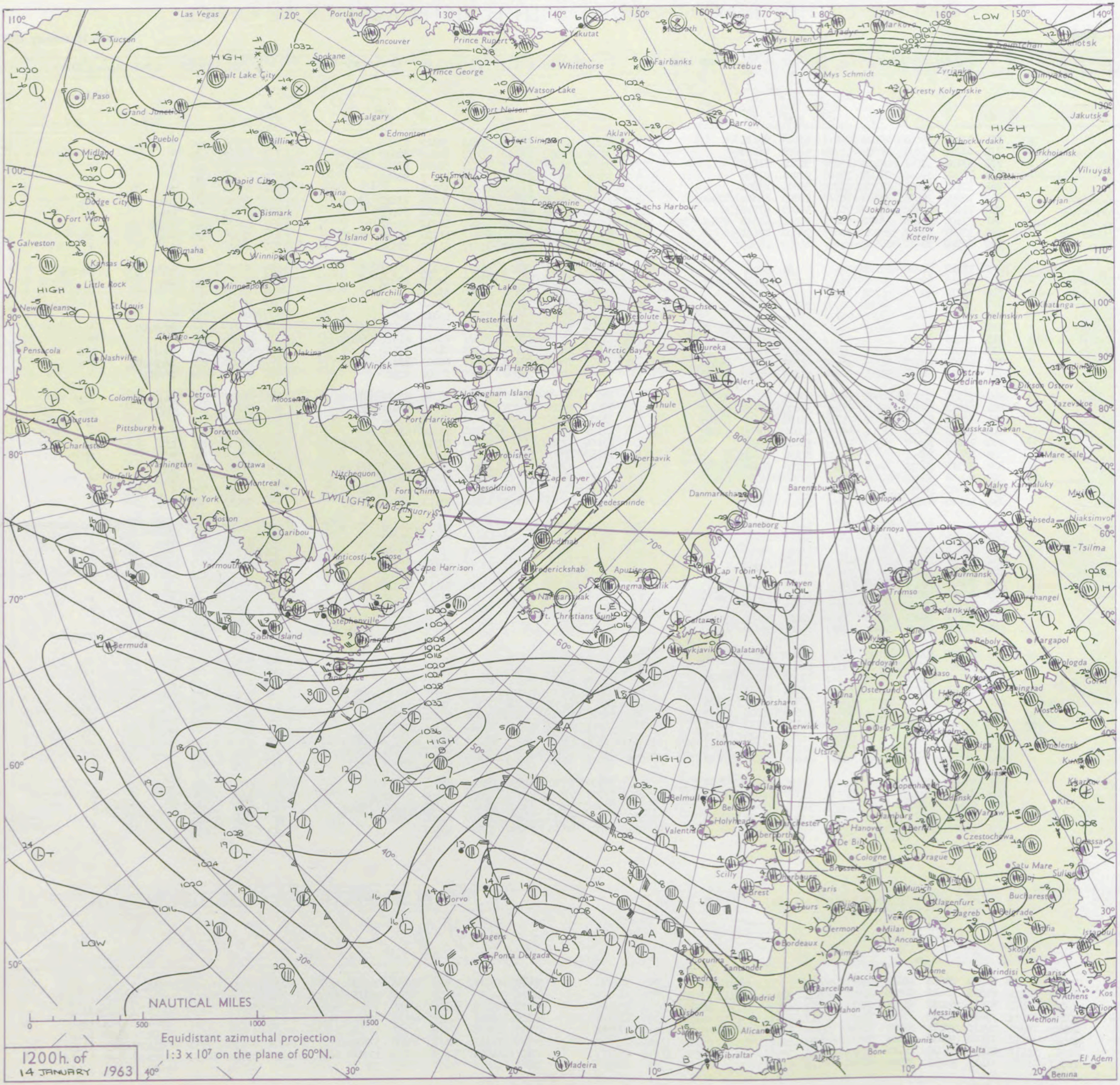
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20621	32918	52623	75158	24703	49460	00231	/////	/////	05554	12659	1////
B	20565	51018	81835	18614	96104	6722/	00724	86604	88525	00203	16742	1////
C	20528	35518	80212	63258	35005	884//	00205	86810	88630	05403	10547	13246
D	20440	41018	70212	69022	32212	756//	00605	87635	/////	05404	10345	1////
I	20591	18618	62217	98031	35408	68500	00707	83825	84640	05202	12332	12154
J	20532	17218	80810	98606	37007	856//	12209	88630	/////	05851	10843	11358
K	20451	16018	80843	60022	17010	885//	21312	85823	88633	05703	15858	1////
M	23662	01818	71617	60262	18602	79500	00806	87320	/////	05802	11832	10344

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
Las Vegas
Tucson
Portland
Vancouver
Prince Rupert
Yakutat
Spokane
Salt Lake City
Prince George
Whitehorse
Fairbanks
Kotzebue
Mys Uelen
Anadyr
Markovo
Kamenskoe
Okhotsk
El Paso
Grand Junction
Watson Lake
Fort Nelson
Mys Schmidt
Kresty Kolymskie
Zyrianka
Verkhoyansk
Jakutsk
Pueblo
Billings
Calgary
Edmonton
Aklavik
Barrow
Midland
Rapid City
Regina
Fort Smith
Coppermine
Sachs Harbour
Ostrov Jokhova
Ostrov Kotelny
Viliuysk
Dodge City
Bismark
Island Falls
Fort Worth
Omaha
Winnipeg
Galveston
Kansas City
Minneapolis
Little Rock
Churchill
Resolute Bay
Mys Chelimskin
Ekateringa
New Orleans
St. Louis
Chesterfield
Arctic Bay
Pensacola
Nashville
Yakima
Virginia
Eureka
Alert
Thule
Colombia
Detroit
Moose
Nottingham Island
Port Harrison
Clyde
Ostrov Sedenina
Dikson Ostrov
Tazevskoe
Augusta
Pittsburgh
Toronto
Charleston
Washington
Ottawa
Norfolk
Montreal
New York
Nitchequon
Fort Chimo
Resolution
Cape Dyer
Lerwick
Danmarkshavn
Barentsburg
Malye Karmakuly
Mare Sale
Boston
Caribou
Yarmouth
Anticosti
Moose
Cape Harrison
Frederickshab
Godthab
Apuiteeq
Cap Tobin
Jan Mayen
Daneborg
Tromso
Murmansk
Archangel
Stephenville
Sable Island
Bermuda
Nanisarmiak
Ingmagoalik
Ft. Christians Sund
Reykjavik
Dalatangi
Thorshavn
Stornoway
Oslo
Reboly
Nordoyan
Vologda
Gorki
Belmullet
Glasgow
Holyhead
Manchester
Hanover
Berlin
Warsaw
Kiev
Valentia
Scilly
Brest
Paris
Cologne
Prague
Czestochowa
Satu Mare
Bordeaux
Munich
Klagenfurt
Zagreb
Belgrade
Bucharest
Sofia
Milan
Genoa
Ancona
Skopje
Corvo
Lagens
Ponta Delgada
Santander
Madrid
Barcelona
Gibraltar
Alicante
Algiers
Bone
Tunis
Malta
Athens
Kos
Madeira
Benina
El Adem
Messina
Methoni
Tsilma
Niaksimvol
Ust-Tsilma
Labseda
Mys Zhelaniya
Russkaia Gavan
Ostrov Kotelny
Ostrov Jokhova
Ostrov Sedenina
Viliuysk
Verkhoyansk
Jakutsk
Okhotsk
Kamenskoe
Markovo
Anadyr
Mys Uelen
Kotzebue
Barrow
Mys Schmidt
Kresty Kolymskie
Zyrianka
Fairbanks
Whitehorse
Watson Lake
Fort Nelson
Prince George
Prince Rupert
Vancouver
Portland
Spokane
Salt Lake City
Las Vegas
Tucson
El Paso
Grand Junction
Pueblo
Billings
Calgary
Edmonton
Regina
Rapid City
Fort Smith
Midland
Dodge City
Fort Worth
Galveston
Kansas City
Omaha
Winnipeg
Minneapolis
Island Falls
Bismark
Coppermine
Sachs Harbour
Aklavik
Resolute Bay
Churchill
Chesterfield
Arctic Bay
Eureka
Alert
Thule
Nottingham Island
Port Harrison
Clyde
Lerwick
Danmarkshavn
Barentsburg
Malye Karmakuly
Mare Sale
Dikson Ostrov
Tazevskoe
Russkaia Gavan
Ostrov Sedenina
Ostrov Kotelny
Ostrov Jokhova
Mys Chelimskin
Ekateringa

CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

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

ATHER
Weather

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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
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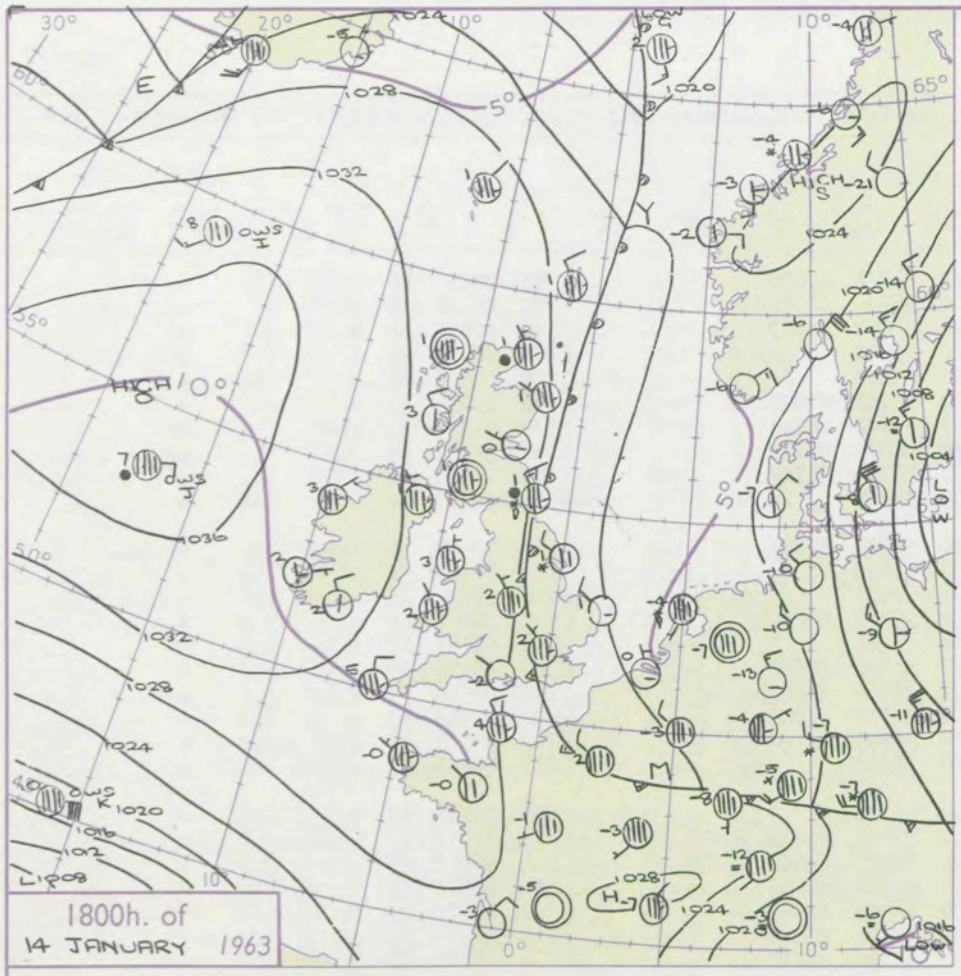
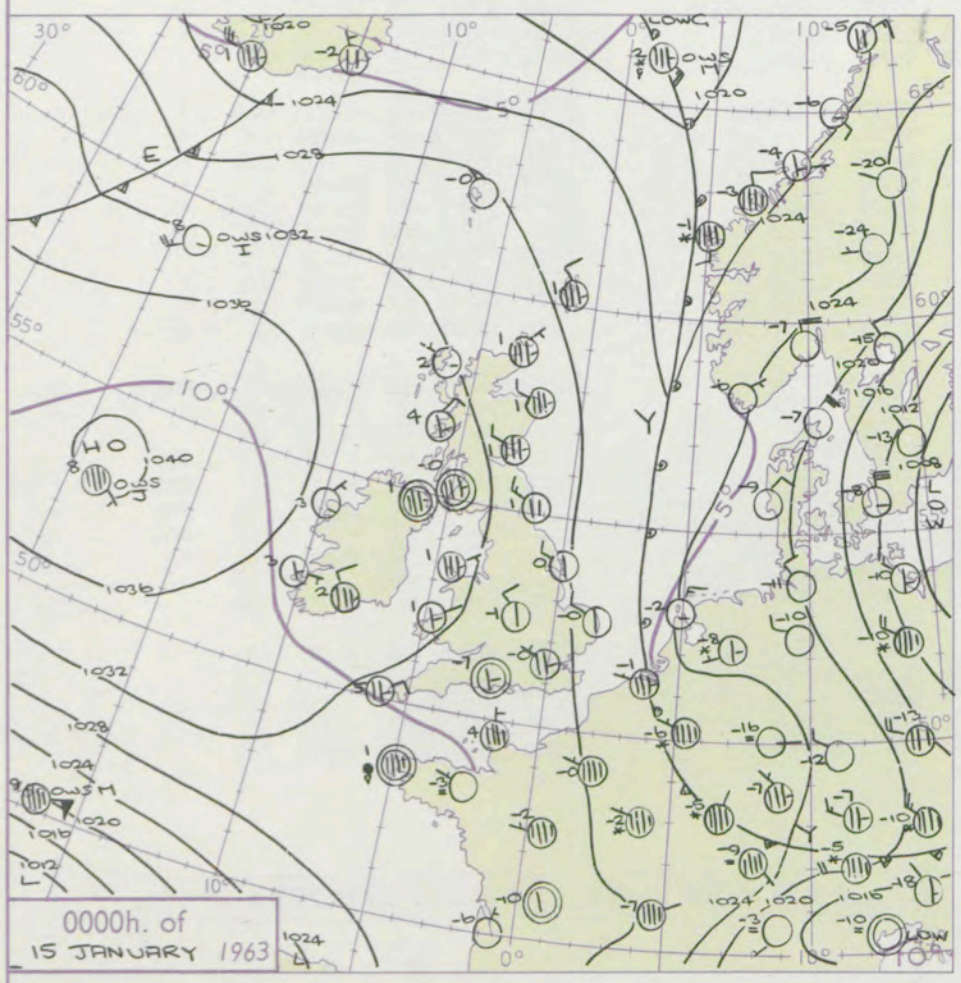
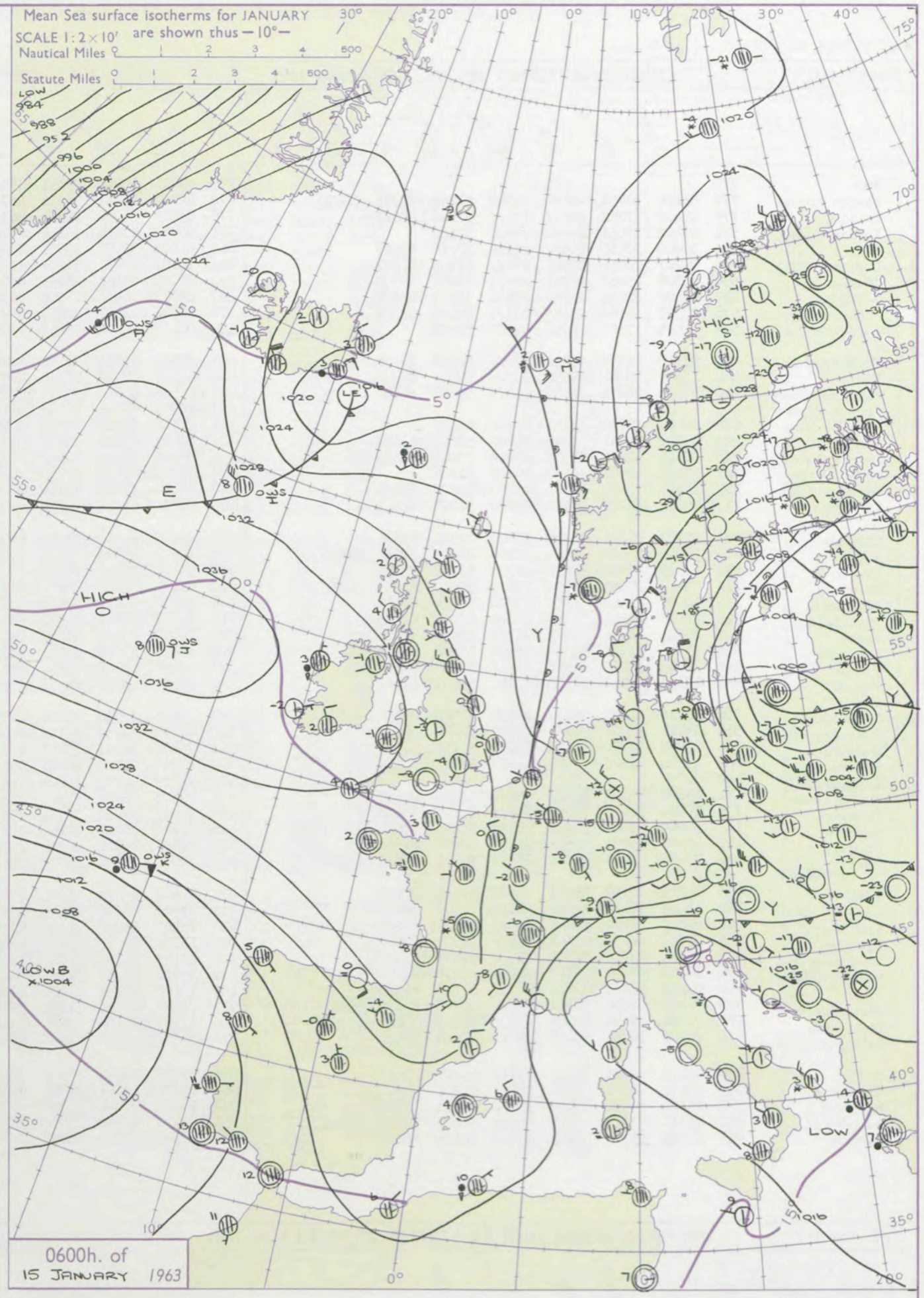
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Tuesday 15 January** 1963

A north to northwest airstream of Atlantic origin has persisted over the British Isles for 24 hours, the circulation being round the main anticyclone cell west of Scotland. A low moved through the Denmark Strait during yesterday and has now turned southeast. This is expected to continue southeast, running down near the east coast of Britain, with the associated cold front crossing most districts of the British Isles by noon tomorrow. A large ridge will intensify behind the low, and the anticyclone near Scandinavia will build further.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Broken cloud with light showers over Scotland and Northern Ireland this afternoon will be followed this evening by cloud and rain, with snow on hills. Tonight and tomorrow rather cold weather will follow, with showers of sleet or snow. England and Wales will be dry at first with some sunshine, but a period of sleet or snow is likely during the night or tomorrow morning. A slow thaw will be resumed during this afternoon

OUTLOOK for following 24 hours.

Rather cold weather continuing in most districts, with showers of sleet or snow especially in the east.

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

Code FM 11.A

OBSERVATIONS at 00h. 15 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			00					
London Airport	772	53106	40051	29650	45700	51208	82715	84650	
Gatwick	776	83408	37052	29301	854//	52108	88617		
Thorney Island	871	03402	28051	29852	00900	53106			
Hurn	862	30000	37030	30557	35700	57210	83650		
Guernsey	894	70207	70031	30903	784//	51106	87817		
Wattisham	590	83308	05462	28251	860//	51206	88700		
Gorleston	497	23208	62030	26950	25600	51208	82630		
Mildenhall	578	73303	19102	28753	763//	54106	87706		
Cardington	559	02605	17101	29756	00900	57209			
West Raynham	485	93310	01477	28250	9/0//	50110	89/00		
Wittering	462	13309	40041	29551	15700	53209	81650		
Boscombe Down	746	63505	56031	31154	656//	55208	86630		
Ross-on-Wye	627								
Bristol	628	00000	58020	31153	00900	55105			
Aberporth	502	30702	74031	32201	35600	52006	83640		
Rhoose (Cardiff)	715	20106	62031	31553	25600	55105	82635		
Plymouth	827	03104	40041	31550	00900	51206			
Chivenor	707	10905	14104	31752	15700	52208	81650		
St. Mawgan	817	20805	66021	31951	25600	52205	82645		
Culdrose	809	30707	66016	31901	35600	00302	83635		
Scilly	804	50708	82028	31605	58500	02305	82822	85635	
Elmdon	534	23409	19044	30451	25700	53208	82656		
Shawbury	414	73208	40041	31400	756//	52009	84643	87656	
Manchester	334	10000	15044	31253	15700	56110	81650		
Squires Gate	318	10000	13044	31153	15600	55107	81645		
Valley	302	70703	80031	32201	757//	53007	87650		
Ronaldsway	204	53506	83011	32300	55600	53208	85645		
Carlisle	222	72803	62012	31950	757//	53105	87650		
Watnall	354	12603	23040	30152	10930	55206	81362		
Spurn Head	396	23212	24027	28100	25600	51208	82630		
Finningley	360	23111	32041	29950	25600	53202	82640		
Dishforth	261	12908	56050	30051	15600	54108	81640		
Tynemouth	262	43214	61028	29401	45600	53206	84635		
Eskdalemuir	162								
Mull of Galloway	131	83602	86022	32802	856//	51204	88640		
Prestwick	135	70000	32042	31650	756//	52105	87647		
Renfrew	141	70000	58042	32101	757//	51207	87650		
Leuchars	171	72908	74031	30301	757//	53204	87650		
Dyce	091	73010	76268	30001	784//	50101	82820	85630	
Wick	075	70205	74268	29501	724//	50001	87815		
Cape Wrath	049	63005	86022	30504	685//	00702	86825		
Sule Skerry	010	83405	82022	29205	855//	00400	88625		
Lerwick	005	73308	80032	27301	756//	51801	87640		
Stornoway	026	12906	83258	32102	12500	01803	81820		
Benbecula	022	50000	82031	33402	48530	01306	82820	83635	
Tiree	100	30111	83011	32804	28530	50103	81824		
Aldergrove	917	70000	62258	33101	784//	50208	82815	86641	
Malin Head	980	70114	82038	33506	5563/	01005	85641	87358	
Belmullet	976	10103	74258	35403	13500	02208	81920		
Birr	965	72101	66012	35100	756//	00207	87633		
Collinstown	969	83108	74032	33401	856//	50206	88640		
Rineanna	962	73304	74032	35000	756//	00104	87640		
Roches Point	952	73310	80011	34102	756//	00001	85637	87645	
Valentia	953	30905	74016	35003	35600	02103	83630		

OBSERVATIONS at 06h. 15 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	83001	56022	29351	855//	54201	88620		
772	42203	25051	30054	45700	56500	84650		
776	83605	40052	29651	863//	52202	88707		
871	00000	26050	30254	00900	55502			
862	00000	37050	30658	00900	59102			
894	10107	60021	31201	11500	52102	81820		
590	83009	01484	28253	860//	53602	88700		
497	83007	40058	27100	863//	51807	88709		
578	82804	19101	28653	862//	54704	88705		
559	02406	14100	29858	00900	59601			
485	52904	20014	27852	56200	52703	85703		
462	03110	32040	29354	00900	55502			
746	03505	40051	31055	00900	57501			
627	80000	57021	30953	855//	55400	88625		
628	00000	02460	31962	00900	63501			
502	70000	69021	32051	757//	53400	87650		
715	63206	66031	31553	657//	56802	86650		
827	13308	56020	31752	16300	54500	81708		
707	00000	37011	31756	00900	56802			
817	00804	66010	32253	00900	54801			
809	00405	69011	31852	00900	54401			
804	70808	82018	31804	784//	51303	83812	87630	
534	33103	19041	30553	15701	54602	81656	83075	
414	72802	56022	30952	757//	53703	87656		
334	21802	08044	30555	25700	85506	82656		
318	80201	32041	30552	856//	53706	88640		
302	70000	85022	31602	757//	53705	87650		
204	63606	83018	31102	685//	50709	81820	86645	
222	82504	62022	31050	856//	53609	88638		
354	23407	59030	29753	15602	55707	81640		
396	43211	32030	27100	40950	51710	84357		
360	02910	32040	29152	00900	55704			
261	73006	74031	29051	757//	54812	87650		
262	82915	61022	28701	856//	53706	88630		
162	73003	62022	31000	756//	51608	87622		
131	73509	86022	31303	756//	51712	87640		
135	70000	37042	30451	756//	52809	87647		
141	72802	74022	30101	757//	51815	87650		
171	72406	74022	28201	757//	52712	87650		
091	72807	62022	27801	785//	51721	81820	87640	
075	72908	86022	26001	756//	00724	87630		
049	72909	86606	27505	755//	02717	87625		
010	73405	81038	26005	5353/	04719	85920	87360	
005	13008	82017	24101	15600	52718	81637		
026	23113	83268	29402	23400	00718	82918		
022	53210	82258	31105	58400	00612	82819	85645	
100	63108	83031	31204	4853/	02814	81828	83640	85359
917	72502	66021	32451	756//	51807	87635		
980	83313	80808	32405	885//	03809	85824	88650	
976	83607	66808	34803	835//	03805	86920	88635	
965	72405	03444	34652	756//	52603	87632		
969	62707	75012	32401	656//	50708	86638		
962	03207	01464	34854	00900	54702			
952	73410	80022	33902	757//	00502	87650		
953	30705	74030	34752	35500	52604	83628		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	00516	56	+	+
772	00556	59	+	+
776	00517	52	+	+
871	00556	59	+	+
862	00606	63	+	+
894	00013	53	+	+
590	97535	53	ffFF	FF
497	93517	55	s_os_o	ps_o
578	00556	58	+	+
559	00607	60	+	+
485	00547	55	ff1F	+
462	00547	56	+	+
746	97577	66	+	+
627	00587	62	‡	+
628	08647	65	+	FF
502	00536	58	+	+
715	00556	59	+	+
827	00543	61	+	+
707	00573	61	1f	+
817	00533	57	+	+
809	00523	62	+	+
804	91031	//	ph_or_o	pr_o
534	00537	59	+	+
414	00527	54	+	+
334	00576	59	ff	ff
318	00545	58	1f	+
302	00003	53	+	+
204	97511	54	+	pr_o
222	00515	52	+	+
354	00547	58	+	+
396	00517	//	+	+
360	00537	57	+	+
261	00546	54	+	+
262	92006	53	pr_os_o	+
162	00537	59	+	+
131	00011	//		
135	00523	55	+	+
141	00003	53	+	+
171	00527	53	+	+
091	01507	52	ps_o	pr_o
075	01006	51	$ir_epr_os_o$	ph_or_o
049	92031	01	+	ir
010	01052	02		
005	97526	54	+	is_o
026	01515	53	pr_o	prspr
022	96025	53	pr_o	pr_o
100	97021	51	+	pr_o
917	97535	57	pr_o	+
980	97031	00		
976	01513	54		
965	97535	57		
969	97517	53		
962	97553	57		
952	00011	52		
953	97533	55		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw_w$	$Id_wd_wP_Hw_w$
A	30620	33000	82319	75022	28004	885//	00108	/////	/////	05450	12335	1////
B	30565	51000	82715	63507	98402	864//	00336	88710	/////	05300	11849	1////
C	20528	35500	91212	02471	35707	9/0//	00308	89/01	/////	00007	149/7	1////
D	30440	41000	73605	69032	33012	65601	00305	86635	/////	05405	10354	1////
I	30589	19100	12525	98018	32508	11660	52825	81640	/////	05303	12445	12144
J	30528	18500	81203	98032	40108	886//	51324	83835	88645	05751	109/1	11644
K	30451	16300	80852	60025	18409	855//	21110	88620	/////	05604	15859	1////
M	33662	01700	71324	60868	18902	79400	00808	86910	/////	05850	11434	10332

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw_w$	$Id_wd_wP_Hw_w$
A	30621	32906	81926	70602	25504	5742/	00819	85716	/////	05202	11046	1////
B	30565	51006	62518	65268	09253	62500	00247	86820	/////	06258	12249	1////
C	30528	35506	01810	63024	34108	00900	00708	/////	/////	00206	11244	1////
D	30440	41006	83406	69022	30812	855//	00719	88625	/////	05405	10354	1////
I	30590	18806	82929	98026	29008	856//	00005	84709	88635	05303	12847	12045
J	30526	19406	80811	98022	38608	886//	53801	82835	88645	05552	108/1	11644
K	30451	16206	80850	58608	18309	855//	21203	88620	/////	05605	15859	1////
M	33664	01706	71527	65858	19202	79400	00802	85910	/////	05901	11536	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. 36945

Date of Issue Wednesday 16 January 1963

Code FM 11.A — OBSERVATIONS at 12h. 15 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	83007	17052	28901	6573/	54808	86650		
London Airport	772	72806	28052	29001	757//	51808	87656		
Gatwick	776	23108	48051	28701	25700	54709	82656		
Thorney Island	871	12808	20050	29450	15700	53811	81650		
Hurn	862	12801	37050	29952	10940	53707	81362		
Guernsey	894	40205	66011	31103	48540	52805	83820		
Wattisham	590	73010	40704	27051	755//	54708	83628	87645	
Gorleston	497	82908	40052	26301	863//	00801	88709		
Mildenhall	578	72805	32052	27351	756//	54810	87640		
Cardington	559	22408	15050	28550	20930	55711	82359		
West Raynham	485	72910	40011	26551	757//	53809	87650		
Wittering	462	43112	32041	27900	45600	54809	82630		
Boscombe Down	746	13005	32050	30552	15600	55808	81640		
Ross-on-Wye	627	83201	70022	29701	856//	54712	88630		
Bristol	628	50000	04424	30654	55700	55714	85650		
Aberporth	502	82008	82022	30101	856//	54818	85645	88656	
Rhoose (Cardiff)	715	63007	66031	30302	656//	53713	86640		
Plymouth	827	03006	10040	31301	00900	53710			
Chivenor	707	61207	31031	31251	65600	53809	86648		
St. Mawgan	817	10802	74020	31504	18500	58806	81820		
Culdrose	809	10705	64050	31403	12500	53806	81828		
Scilly	804	10907	83011	32505	11400	53103	81818		
Elmdon	534	73408	23042	28902	757//	54708	87656		
Shawbury	414	82709	62022	29701	856//	53707	88645		
Manchester	334	70000	05044	29352	756//	55711	87640		
Squires Gate	318	72910	30142	28303	785//	01814	81718	83650	85656
Valley	302	72802	83802	30103	785//	00810	82820	83630	87650
Ronaldsway	204	73007	82022	29304	785//	51814	81822	87640	
Carlisle	222	72303	62012	28102	756//	51817	81633	87645	
Watnall	354	73107	23041	28201	55641	55711	81630	85650	
Spurn Head	396	73210	32021	26400	756//	53707	87630		
Finningley	360	63112	32041	27603	65600	56809	83635	86650	
Dishforth	261	72710	63012	26503	756//	56815	87635		
Tynemouth	262	82913	48042	25802	856//	53719	88630		
Eskdalemuir	162	72814	83032	27402	784//	51824	81818	87635	
Mull of Galloway	131	72911	82022	29005	765//	03721	87625		
Prestwick	135	52807	69022	27405	58570	02822	82823	83645	
Renfrew	141	72808	40041	27304	48502	01720	82825	83645	85070
Leuchars	171	72810	89022	25103	785//	51721	81825	87650	
Dyce	091	72910	62258	24202	68402	01719	81708	83818	85630
Wick	075	60508	83028	22702	48432	01716	82818	84625	
Cape Wrath	049	72309	83602	21704	785//	02726	87625		
Sule Skerry	010	72705	82018	22505	3357/	04724	83925	87360	
Lerwick	005	23107	80010	21502	18502	54715	81820		
Stornoway	026	82012	69158	23103	6567/	01844	82710	86630	88459
Benbecula	022	72514	82028	24306	785//	01846	82822	87640	
Tiree	100	72908	86278	27205	685/2	02730	83822	85635	87075
Aldergrove	917	72005	48838	30101	784//	51717	81711	87635	
Malin Head	980	72812	86028	28906	785//	02826	83822	87640	
Belmullet	076	53111	82038	32806	4343/	50816	83319	84640	85359
Birr	965	72603	70031	32701	756//	01716	87631		
Collinstown	969	72806	80031	31102	785//	50711	81820	87640	
Rineanna	962	70000	69024	33401	752//	51811	81704	87650	
Roches Point	952	73305	61022	32803	785//	00710	81824	87650	
Valentia	953	72301	82031	34304	785//	01805	81823	87630	

OBSERVATIONS at 18h. 15 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	72707	19052	25101	35531	54715	83628	87359	
London Airport	772	72708	37042	25301	757//	53817	87650		
Gatwick	776	72803	56051	25851	756//	53609	87635		
Thorney Island	871	62803	17051	26751	657//	55711	86650		
Hurn	862	72905	32051	26951	756//	54811	87635		
Guernsey	894	63405	66011	28203	68502	52712	82822	86633	
Wattisham	590	32710	40041	23552	15601	55716	81640	83073	
Gorleston	497	72807	48057	22501	755//	52718	87624		
Mildenhall	578	72811	28052	23450	756//	53716	87648		
Cardington	559	62510	16052	24600	657//	53719	86656		
West Raynham	485	82710	37037	22251	857//	53819	88650		
Wittering	462	72812	18041	23551	756//	53821	87635		
Boscombe Down	746	82804	37051	27051	856//	55712	88630		
Ross-on-Wye	627	72103	70022	25201	755//	54721	87625		
Bristol	628	82407	15044	26300	854//	52722	84618	88635	
Aberporth	502	82603	82038	26102	885//	50822	81820	88650	
Rhoose (Cardiff)	715	82709	61027	26301	855//	52822	86625	88630	
Plymouth	827	80000	12031	28403	856//	53713	88636		
Chivenor	707	80802	19288	27301	885//	52720	83822	88630	
St. Mawgan	817	82403	74031	28602	785//	53715	82825	88640	
Culdrose	809	60802	64022	29403	685//	54705	81825	85656	
Scilly	804	70000	83021	28903	756//	51820	87642		
Elmdon	534	72609	17047	24001	756//	54826	87640		
Shawbury	414	72406	63027	24400	757//	53824	86650	87657	
Manchester	334	51707	17047	23600	556//	51825	85640		
Squires Gate	318	83009	56686	23003	854//	03730	81709	85618	88630
Valley	302	70000	74258	24803	784//	02725	84815	87640	
Ronaldsway	204	72909	74028	23304	784//	02730	82815	87635	
Carlisle	222	72407	62012	22302	35678	00619	83635	87358	
Watnall	354	82707	17042	23101	855//	52824	88625		
Spurn Head	396	73013	20042	21801	756//	52719	87630		
Finningley	360	73008	13042	22403	756//	53725	87648		
Dishforth	261	81301	63032	21502	856//	51823	83635	88650	
Tynemouth	262	72812	48028	21102	756//	51726	87630		
Eskdalemuir	162	82705	69022	23401	6562/	51823	83712	86635	88458
Mull of Galloway	131	82910	74216	23604	875//	02724	88720		
Prestwick	135	81206	58258	21001	884//	01731	82818	83640	88657
Renfrew	141	82603	20208	20903	855//	01719	84622	87637	
Leuchars	171	72507	80022	20001	3577/	51720	83656	87466	
Dyce	091	73204	48048	20401	756//	51717	82630	87645	
Wick	075	61301	80016	19602	656//	00506	84630	85645	
Cape Wrath	049	82305	82026	18105	885//	02400	88625		
Sule Skerry	010	81805	66618	81505	865//	04710	88720		
Lerwick	005	13609	80011	21000	11500	51105	81622		
Stornoway	026	83102	58616	17701	8092/	01609	88518		
Benbecula	022	73608	68808	17003	784//	02620	81712	85818	86635
Tiree	100	73107	74806	17403	784//	02644	83710	83816	87625
Aldergrove	917	72011	69028	22702	6567/	01741	81712	86635	87359
Malin Head	980	82220	62608	19305	6742/	03753	86718	88458	
Belmullet	976	82622	80032	24207	864//	02847	84719	88638	
Birr	965	82308	66606	26802	874//	02729	86712	88630	
Collinstown	969	62310	59102	24902	864//	02735	82713	88631	
Rineanna	962	72910	66606	27203	784//	02735	85817	87635	
Roches Point	952	23007	56051	28303	25601	01722	82645		
Valentia	953	12006	80011	29403	15600	00827	81630		

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97036	004	+	+
London Airport	772	00026	001	+	+
Gatwick	776	00027	060	+	+
Thorney Island	871	00026	043	+	+
Hurn	862	00016	///	+	+
Guernsey	894	00051	055	+	+
Wattisham	590	97005	///	is_o	+
Gorleston	497	91015	005	s_os_o	+
Mildenhall	578	00016	000	+	+
Cardington	559	00017	025	+	+
West Raynham	485	97017	011	is_o	is_o
Wittering	462	00017	036	+	+
Boscombe Down	746	00017	061	+	+
Ross-on-Wye	627	00017	001	+	+
Bristol	628	00017	070	ifff	+
Aberporth	502	97036	000	pr_o	pr_o
Rhoose (Cardiff)	715	97026	023	+	is_o
Plymouth	827	00043	041	+	+
Chivenor	707	97013	000	+	$ifph_o$
St. Mawgan	817	00060	056	+	+
Culdrose	809	00043	078	+	+
Scilly	804	00071	050	+	+
Elmdon	534	97027	005	ff	$r_os_ois_o$
Shawbury	414	97017	000	is_o	is_o
Manchester	334	93017	002	$ffis_off$	ffis
Squires Gate	318	91045	003	+	$r_or_or_os_o$
Valley	302	01062	000	pr_o	pr
Ronaldsway	204	97051	007	pr_o	pr_o
Carlisle	222	00035	000	+	+
Watnall	354	00027	011	+	+
Spurn Head	396	00016	000	+	+
Finningley	360	00037	017	+	+
Dishforth	261	00036	001	jp	+
Tynemouth	262	97026	000	pr_os_o	+
Eskdalemuir	162	00027	000	+	+
Mull of Galloway	131	95051	///	/	/
Prestwick	135	01061	011	pr_o	$pr_or_or_o$
Renfrew	141	01063	015	pr_oid_o	$id_od_or_o$
Leuchars	171	00047	000	+	+
Dyce	091	97037	001	pr_o	+
Wick	075	97036	002	ir_o	ir_o
Cape Wrath	049	02051	///	ir	ir
Sule Skerry	010	04062	///	/	/
Lerwick	005	91026	053	+	$ph_or_oph_o$
Stornoway	026	06042	000	pr_orr	r_or_o
Benbecula	022	06065	000	$pr_oir_or_or_orr$	ir_opr_opr
Tiree	100	08061	001	$ph_or_opr_o$	$ir_orrRRpRpr$
Aldergrove	917	02035	002	pr_o	ir_orsrs
Malin Head	980	0206	001	/	/
Belmullet	976	0107	020	/	/
Birr	965	9204	015	/	/
Collinstown	969	9703	022	/	/
Rineanna	962	9704	018	/	/
Roches Point	952	0004	001	/	/
Valentia	953	9706	027	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33012	81831	65026	20406	17477	00722	/////	/////	00004	11847	1////
B	30565	51012	72515	65857	13954	735//	00325	87820	/////	06559	12349	1////
C	30528	35512	61620	69031	32009	60970	00812	86362	/////	00306	11435	1////
D	30440	41012	73206	69032	30412	21554	00000	82830	86359	05305	10354	1////
I	30590	18712	53123	98258	28107	43432	00605	84918	/////	05501	13048	12446
J	30526	19412	40807	99021	38208	44600	00302	81830	84635	05403	149/1	11445
K	30449	15812	80847	60036	20310	855//	21216	88620	/////	05605	15859	1////
M	23663	01112	71531	65852	21903	79400	00308	83915	85630	05753	11537	1////

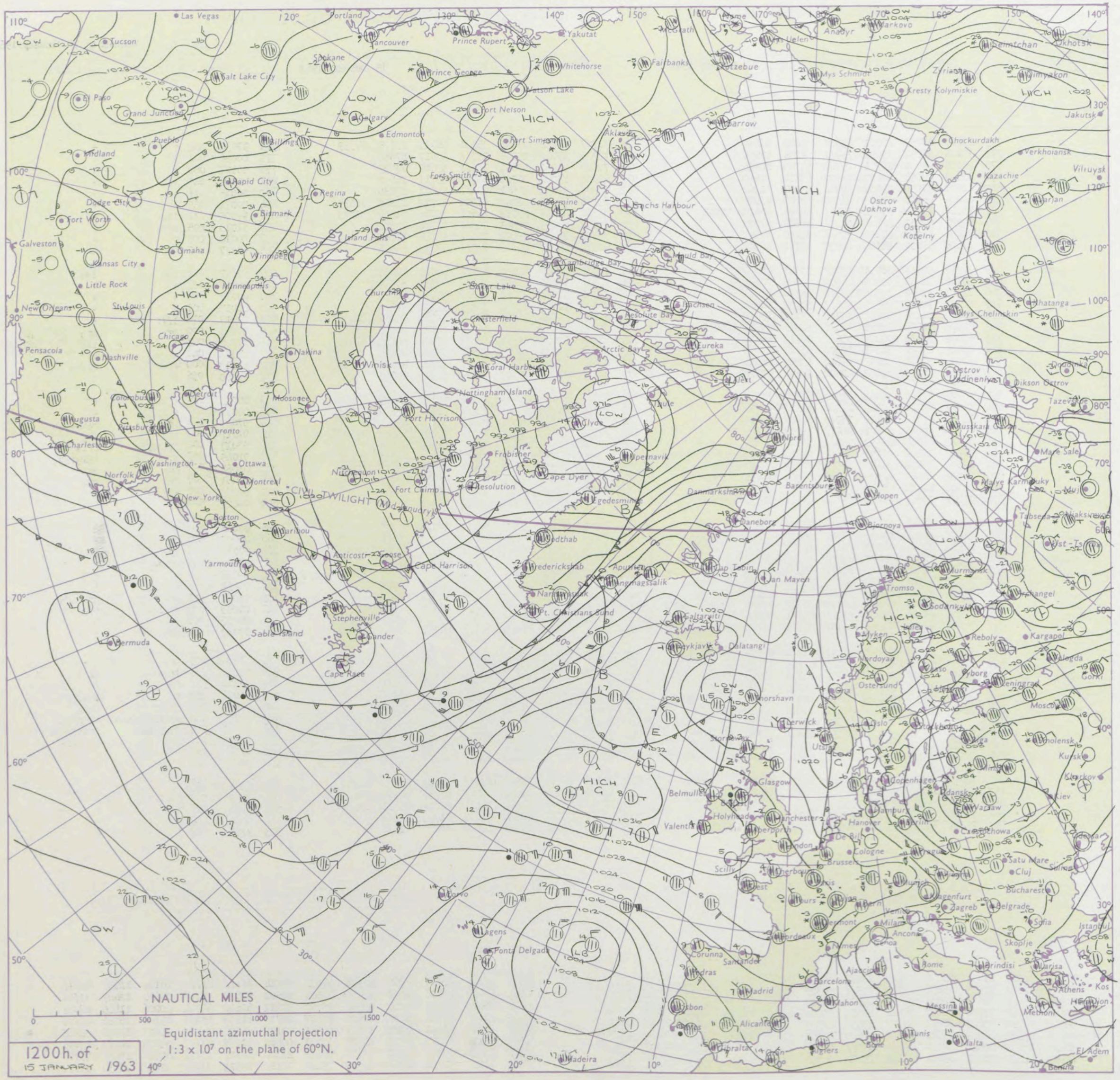
OCEAN WEATHER STATION REPORTS at 18h.

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	30621	33018	81934	65022	16506	6747/	00614	/////	/////	00105	11959	1////
B	30565	51018	72526	65858	16055	72500	00502	87820	/////	06660	12447	1////
C	30528	35518	71621	65022	29508	25550	00617	82640	87354	00206	11445	1////
D	30440	41018	81402	69022	26813	14577	00719	81630	85467	05306	10564	1////
I	30589	18618	63417	98022	30107	45532	00209	84625	83362	05403	13346	12845
J	30526	19418	10208	98020	35107	15631	00612	81635	/////	05652	102/1	10874
K	30452	15618	80842	65022	18010	855//	21302	88620	/////	05506	15858	1////
M	33666	01018	71531	62567	24302	79400	00112	85915	/////	05953	11538	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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0
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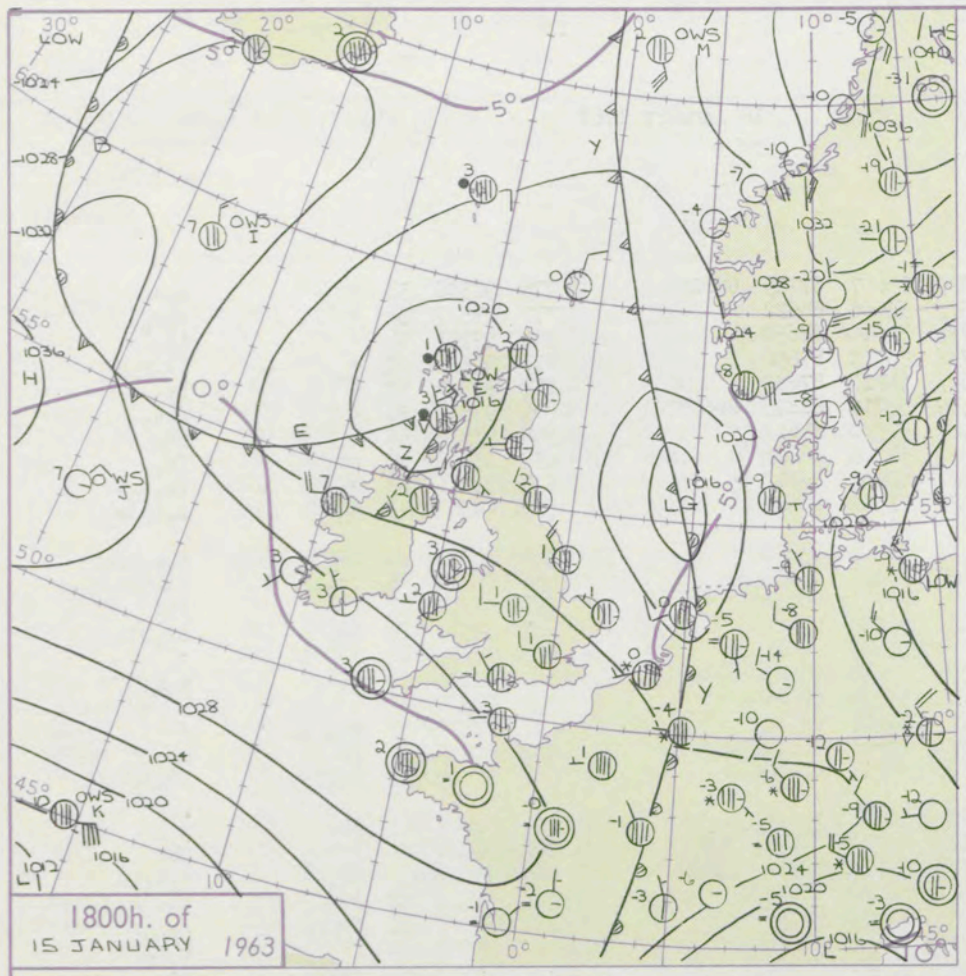

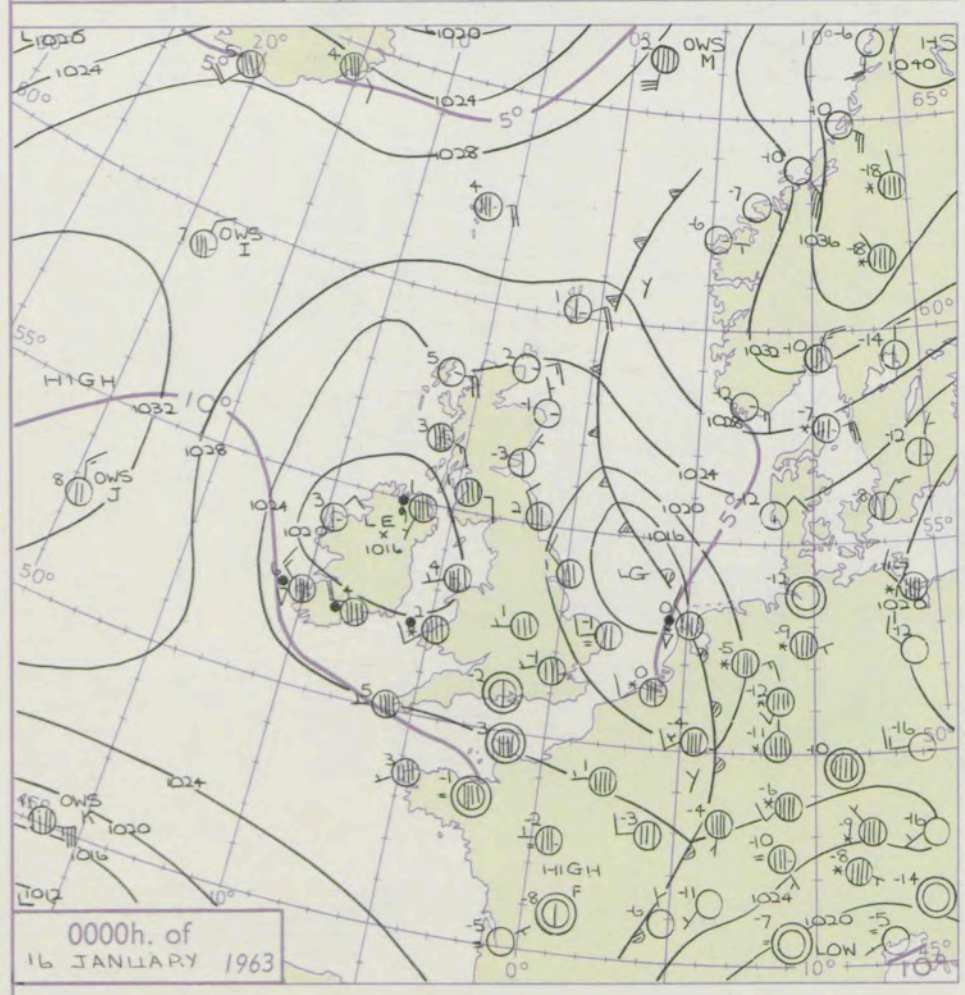

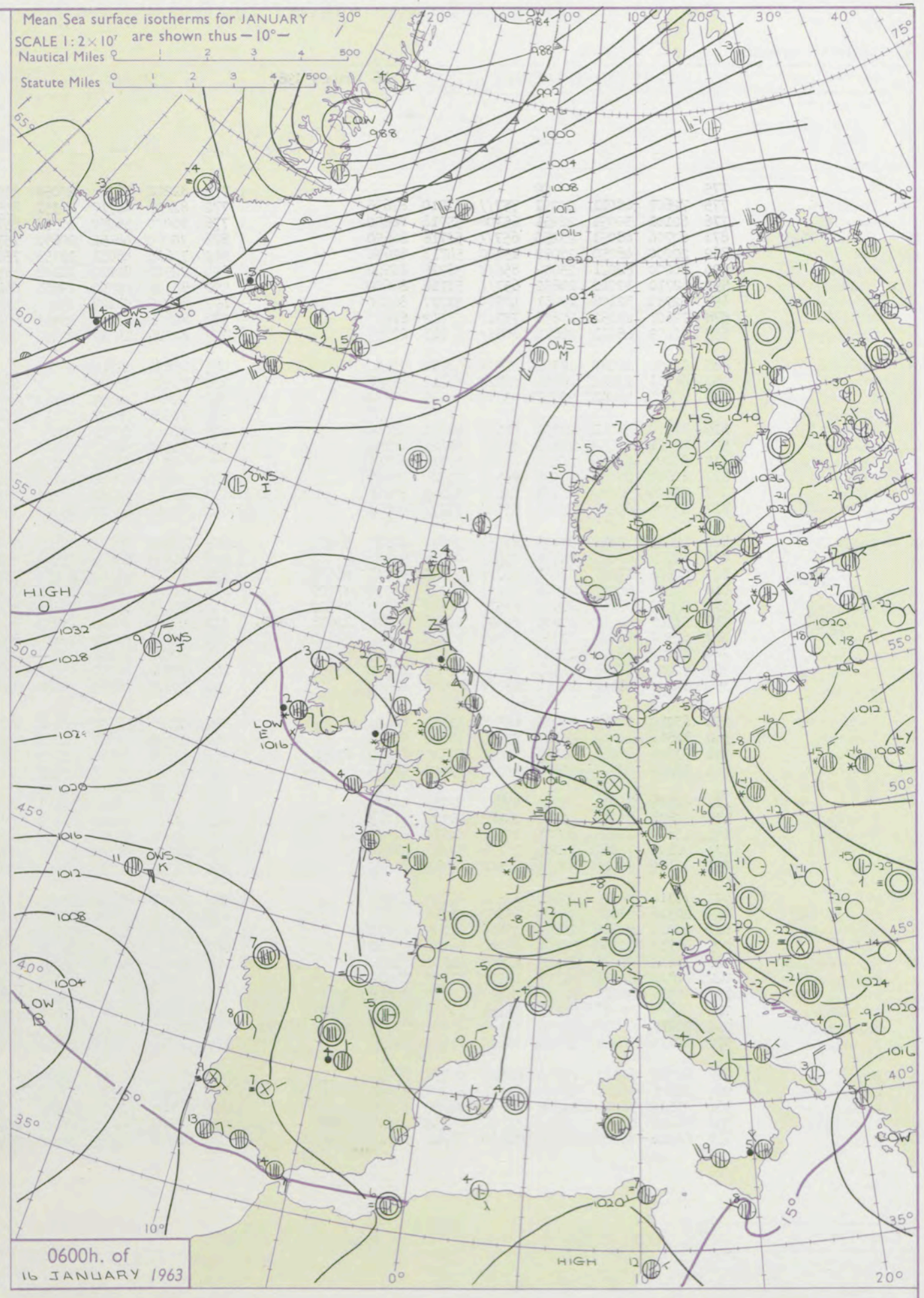

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 16 January 1963

The low near southeast Iceland yesterday morning turned more sharply than expected and moved south across western Scotland and thence across Ireland. It will now turn further southwest and be absorbed in the circulation of the almost stationary low off Portugal. Meanwhile a weak wave centre near south Norway yesterday deepened and moved south to Holland and will now turn away southeast across the Continent. Whilst low pressure is maintained over the north Norwegian Sea, this has permitted growth and southwestward extension of the Scandinavian anticyclone, and an easterly airstream round it will cover all parts of Britain for at least 48 hours.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Becoming colder again generally, with widespread frost, severe at night in many places and persisting through the day in some central and southern districts. Slight snow in many areas today will be replaced by snow showers chiefly in the east and northeast.

OUTLOOK for following 24 hours

Continuing cold or very cold, with severe frost in many places. Snow showers chiefly in the east and northeast.

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

Code FM 11.A

OBSERVATIONS at 00h. 16 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			00					
London Airport	775	72607	48011	22251	757//	53710	87656		
Gatwick	776	62101	50051	22451	65700	55714	86650		
Thorney Island	871	62704	48051	23250	657//	53716	86650		
Hurn	862	20000	48050	23052	15700	54713	82650		
Guernsey	894	80000	82021	25002	856//	56716	88640		
Wattisham	590	62710	32042	20652	657//	53714	86650		
Gorleston	497	42710	32108	19451	40970	51717	84360		
Mildenhall	578	72607	28052	20851	757//	53712	87650		
Cardington	559	82209	48011	21451	8083/	52713	88357		
West Raynham	485	32409	28227	19752	35700	53712	83650		
Wittering	462	82911	23782	20951	857//	53712	88650		
Boscombe Down	746	83004	56051	23553	857//	54711	88650		
Ross-on-Wye									
Bristol	628	81902	23041	23150	856//	51711	88640		
Aberporth	502	82211	69682	21602	857//	50621	88650		
Rhoose (Cardiff)	715	83205	62022	22500	857//	50719	88650		
Plymouth	827	80606	21042	23701	855//	52724	88626		
Chivenor	707	80906	56022	23301	856//	51819	88645		
St. Mawgan	817	83009	69216	23503	856//	51722	88640		
Culdrose	809	62412	69012	23603	685/4	52727	82820	84620	
Scilly	804	82503	83022	24105	855//	01725	88628		
Elmdon	534	62606	17227	21001	657//	51714	81713	86656	
Shawbury	414	72303	66027	20901	757//	50713	83650	87656	
Manchester	334	80000	13047	20600	855//	51711	84709	88620	
Squires Gate	318	81505	40147	20200	3562/	50608	81715	83638	88460
Valley	302	82507	74028	19004	855//	02705	83820	88640	
Ronaldsway	204	70000	74216	19303	754//	02712	82617	86630	
Carlisle	222	80000	58036	21100	856//	00601	82718	88631	
Watnall	354	82403	28042	20850	856//	52708	88630		
Spurn Head	396	63210	24042	19401	65500	51711	86625		
Finningley	360	82804	13042	20201	856//	50706	88648		
Dishforth	261	73601	48216	20101	1567/	51705	81640	87458	
Tynemouth	262	73210	48022	20002	756//	51602	87636		
Eskdalemuir									
Mull of Galloway	131	82404	74212	18803	875//	02713	88720		
Prestwick	135	80808	60026	19501	857//	01302	81717	88650	
Renfrew	141	10804	10016	20601	15600	01111	81630		
Leuchars	171	20106	74011	21053	15778	53212	81650		
Dyce	091	13404	56048	22651	15600	53211	81640		
Wick	075	10714	86256	23602	12500	01223	81820		
Cape Wrath	049	20518	83016	23404	25600	51214	82630		
Sule Skerry	010	20513	82016	23805	25600	01226	82630		
Lerwick	005	30718	80038	26301	35600	54222	83640		
Stornoway	026	10819	80026	23905	15600	01232	81630		
Benbecula	022	10812	80018	21703	15500	01237	81625		
Tiree	100	70916	80018	20103	784//	02330	82818	87637	
Aldergrove	917	81805	56587	17201	861//	01609	83702	88705	
Malin Head	980	70217	69806	17305	735//	03205	83921	85824	87656
Belmullet	976	30110	74018	19103	35600	01621	83635		
Birr	965	82503	61717	19200	874//	00728	88710		
Collinstown	969	82108	61687	18401	863//	50730	83707	88717	
Rineanna	962	23105	74216	20202	25600	01730	82630		
Roches Point	952	82618	62606	21704	854//	00734	83713	88630	
Valentia	953	82914	66808	22206	884//	03741	85816	88630	

OBSERVATIONS at 06h. 16 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	82202	26707	20050	855//	53607	87715	88625	
London Airport	772	82203	48717	20351	855//	52606	88622		
Gatwick	776	80000	56052	20353	857//	54610	88650		
Thorney Island	871	70000	48052	20652	757//	53710	87656		
Hurn	862	70605	48051	19953	756//	54714	87630		
Guernsey	894	72507	82022	21102	68532	53716	81825	86645	
Wattisham	590	83309	29042	19551	854//	52500	88612		
Gorleston	497	80722	58227	19400	855//	51205	88624		
Mildenhall	578	82802	23707	19951	864//	52001	88712		
Cardington	559	82504	14717	20451	854//	51501	88612		
West Raynham	485	83604	19717	19850	856//	51203	88640		
Wittering	462	83507	23037	20401	864//	51305	88712		
Boscombe Down	746	80000	40057	21152	856//	53711	88636		
Ross-on-Wye	627	80901	48027	20351	864//	51605	88710		
Bristol	628	80000	28047	21000	856//	00608	88640		
Aberporth	502	81610	66687	19301	5557/	00606	85625	88358	
Rhoose (Cardiff)	715	20705	61011	20152	25700	53710	82650		
Plymouth	827	80504	28048	20100	8091/	51617	88458		
Chivenor	707	61006	58012	20051	657//	52615	86656		
St. Mawgan	817	71506	80017	19901	756//	50717	87640		
Culdrose	809	72208	72028	19503	5563/	50721	85630		
Scilly	804	81902	83036	19504	5551/	00719	85623	88458	
Elmdon	534	70000	23701	20252	757//	53203	85710	87656	
Shawbury	414	80000	40687	20751	854//	51308	88616		
Manchester	334	90202	04477	20500	9/0//	51002	89/02		
Squires Gate	318	70504	08466	21150	7093/	50106	87359		
Valley	302	60806	74028	20101	65600	50216	86645		
Ronaldsway	204	80816	74616	20904	756//	02315	83709	85710	87630
Carlisle	222	20702	74028	23452	18531	53316	81823		
Watnall	354	70000	28102	20200	756//	51102	87640		
Spurn Head	396	81423	16737	20101	874//	50209	88710		
Finningley	360	83408	26047	21001	854//	51210	85617	88656	
Dishforth	261	63409	28106	21700	60930	51313	86360		
Tynemouth	262	81027	58698	23401	8052/		88525		
Eskdalemuir	162	40308	62857	24259	48500	51316	82820	84638	
Mull of Galloway	131	60920	74016	22003	656//	01219	88630		
Prestwick	135	20806	56048	23500	25700	51223	82656		
Renfrew	141	10000	56048	24452	18500	53216	81822		
Leuchars	171	80608	58858	24501	884//	51220	85815	88630	
Dyce	091	81315	21858	27501	822//	50236	88805		
Wick	075	70717	80851	27002	785//	54112	84820	87640	
Cape Wrath	049	60509	83028	28003	635//	51224	86925		
Sule Skerry	010	70509	81031	27703	785//	00217	84820	87625	
Lerwick	005	70502	80031	30851	756//	54219	87645		
Stornoway	026	40810	80030	28603	42500	01220	84822		
Benbecula	022	10707	82020	27302	12500	51226	81822		
Tiree	100	10413	86031	25601	11400	51226	81818		
Aldergrove	917	30812	66257	21602	35600	01226	83640		
Malin Head	980	40826	74028	23305	42500	01233	84824		
Belmullet	976	40710	74018	19503	45600	02308	84645		
Birr	965	80000	60027	18600	854//	00302	83712	88633	
Collinstown	969	70405	74237	19402	764//	50311	82712	87635	
Rineanna	962	00802	02464	18151	00900	51301			
Roches Point	952	10308	74026	17601	18502	51607	81824		
Valentia	953	80803	66988	17202	864//	01615	88715		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	91506	53	+	s_0s_0
London Airport	772	01527	54	+	s_0s_0
Gatwick	776	97537	54	+	is_0
Thorney Island	871	97536	60	+	$is_0r_0s_0$
Hurn	862	97546	57	+	is_0
Guernsey	894	97511	56	+	r_0s_0
Wattisham	590	91536	55	+	is_0
Gorleston	497	93526	55	ps_0	is_0
Mildenhall	578	97516	53	+	$is_0s_0s_0$
Cardington	559	01527	53	s_0s_0	$s_0s_0is_0$
West Raynham	485	93537	54	is_0	s_0s_0ssks
Wittering	462	96527	55	is_0	$is_0sss_0s_0$
Boscombe Down	746	91537	57	+	is_0
Ross-on-Wye	627	91517	56	is_0	is_0ps_0
Bristol	628	91517	52	is_0	+
Aberporth	502	01016	00	r_0s_0	r_0s_0
Rhoose (Cardiff)	715	00526	54	+	+
Plymouth	827	97523	56	ph_0	+
Chivenor	707	97513	53	+	r_0s_0
St. Mawgan	817	94513	54	$ir_0ir_0s_0$	ir_0s_0
Culdrose	809	97001	56	prs	+
Scilly	804	01031	//	+	phr
Elmdon	534	91537	57	is_0	s_0s_0if
Shawbury	414	96527	54	is_0	$r_0s_0r_0s_0ssff$
Manchester	334	91507	51	$is_0r_0s_0$	r_0s_0ff
Squires Gate	318	91525	54	$ir_0r_0r_0$	r_0r_0ff
Valley	302	93011	51	ph_0pr_0	pr_0
Ronaldsway	204	97011	51	ir_0	r_0r_0
Carlisle	222	97525	57	ir_0ph_0	ps_0
Watnall	354	95517	54	+	ifs_0s_0
Spurn Head	396	93517	//	+	ss
Finningley	360	03519	53	+	ss
Dishforth	261	93516	53	ir_0	$isifs_0s_0is_0$
Tynemouth	262	01016	51	+	pr_0s_0rsrs
Eskdalemuir	162	01537	57	+	ps_0is_0ks
Mull of Galloway	131	93011	//	/	/
Prestwick	135	94513	57	r_0r_0	pr_0is_0
Renfrew	141	97533	55	$r_0r_0d_0r_0ir$	ph_0
Leuchars	171	01537	55	+	$ps_0pr_0s_0$
Dyce	091	97529	55	+	ps_0ps
Wick	075	02006	51	pr_0	ps_0
Cape Wrath	049	00011	51	pr	pr
Sule Skerry	010	01021	01	/	/
Lerwick	005	03527	55	+	$is_0s_0s_0$
Stornoway	026	00012	50	+	+
Benbecula	022	91005	53	pr_0	+
Tiree	100	95005	54	$prpr_0$	+
Aldergrove	917	01005	51	$rsr_0s_0id_0$	pr_0
Malin Head	980	98041	02	/	/
Belmullet	976	05021	51	/	/
Birr	965	03005	52	/	/
Collinstown	969	04015	50	/	/
Rineanna	962	97523	53	/	/
Roches Point	952	01523	54	/	/
Valentia	953	09013	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40621	33000	82129	60606	15506	6742/	00606	/////	/////	00005	12159	1////
B	40565	51000	92331	02868	17956	9/0//	00305	89/04	/////	06959	12346	1////
C	40528	35500	81618	/////	27908	2567/	00610	82635	98362	00106	11545	1////
D	40440	41000	81813	69022	25713	8092/	00708	88459	/////	05306	11493	1////
I	40590	19000	73608	98031	31607	25638	62003	82640	/////	05503	13543	12854
J	40525	19600	43414	98031	32808	45600	00509	81635	/////	05401	13633	11245
K	40450	16400	80837	60022	17711	855//	21400	88620	/////	05406	15858	1////
M	43666	00700	81831	70022	27702	855//	31310	88630	/////	05852	11737	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												
B	40565	51006	52518	65268	19256	52500	00803	85820	/////	06865	12546	1////
C	40528	35506	71620	63022	24009	7097/	00608	87360	/////	00106	11646	1////
D	40440	41006	81820	63606	22413	3742/	00715	83815	88540	05311	11992	1////
I	40589	18906	50104	99030	31607	15608	00102	81645	85270	05504	10010	12853
J	40524	19406	73620	97258	26209	786//	00729	86830	87640	05306	13631	11246
K	40452	15906	80826	60022	15811	855//	21010	88620	/////	05406	15854	1////
M	43666	01006	81926	70022	28102	855//	31803	88630	/////	05851	10937	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. 36946 — Date of Issue Thursday 17 January 1963

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

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	80516	23737	23900	7732/	50220	87709	88525	
London Airport	772	80716	17717	23500	854//	51222	83704	86706	88610
Gatwick	776	80608	28227	22801	862//	52115	83703	88707	
Thorney Island	871	80207	32707	22701	856//	51213	86712	88630	
Hurn	862	70000	32108	22050	755//	51006	81620	84625	87650
Guernsey	894	70000	74237	22202	4577/	01010	82710	84650	87359
Wattisham	590	80714	56227	25553	854//	55130	83709	88615	
Gorleston	497	60821	62017	26952	65500	56235	86622		
Mildenhall	578	70913	74017	26753	784//	56234	85818	87650	
Cardington	559	80516	15737	25652	863//	53234	86708		
West Raynham	485	30921	74267	27454	38400	58230	81815	83650	
Wittering	462	70913	66268	27153	783//	55236	85807	87620	
Boscombe Down	746	80607	38707	23101	855//	51110	84710	88625	
Ross-on-Wye	627	80608	24708	28501	863//	00117	88708		
Bristol	628	80207	20052	23301	855//	52110	86712	88620	
Aberporth	502	70703	82037	23103	5857/	01115	81820	85650	85358
Rhoose (Cardiff)	715	70507	26051	22901	756//	51111	87645		
Plymouth	827	10803	48041	21504	15700	51803	81650		
Chivenor	707	61305	58057	22004	68500	01006	81820	86650	
St. Mawgan	817	20808	80011	21504	18530	01212	81820		
Culdrose	809	70708	66022	20803	784//	01007	83818	87640	
Scilly	804	60000	84018	20405	48550	01312	83822	84632	
Elmdon	534	80713	39717	25452	857//	53230	85708	88656	
Shawbury	414	80713	48367	26251	854//	54233	82710	86612	88615
Manchester	334	71010	59017	26951	754//	56236	81615	87650	
Squires Gate	318	71217	56048	27350	784//	53240	81818	87630	
Valley	302	70721	30022	24502	757//	51219	86705	87650	
Ronaldsway	204	71028	62158	27102	785//	52235	85820	87640	
Carlisle	222	30613	69011	30750	23441	55138	81918		
Watnall	354	70914	58227	27752	4157/	54138	82705	87459	
Spurn Head	396	61217	58268	28051	63400	55232	84915	84820	
Finningley	360	80914	58857	29051	883//	54230	83808	88650	
Dishforth	261	90811	09737	29752	910//	53225	89103		
Tynemouth	262	51026	58158	30951	53501	52233	85920		
Eskdalemuir	162	20708	81018	32252	28580	53133	81825		
Mull of Galloway	131	81120	81158	28302	855//	52239	83720	86630	
Prestwick	135	60817	80148	29701	684//	53233	81818	86645	
Renfrew	141	60919	48268	31501	68400	54242	81818	86645	
Leuchars	171	50917	74268	32301	58500	55125	81715	83625	
Dyce	091	41005	56268	34700	48430	56123	83818		
Wick	075	71617	80028	33701	785//	53228	83820	87640	
Cape Wrath	049	31413	83012	31201	38500	52215	83825		
Sule Skerry	010	61518	71038	32103	685//	02222	85825	86630	
Lerwick	005	71717	62717	35450	4727/	54118	84705		
Stornoway	026	50808	82011	32203	55600	53212	85645		
Benbecula	022	71010	86022	31303	756//	53214	87630		
Tiree	100	40717	86030	30403	42500	52221	84820		
Aldergrove	917	70912	66051	27102	784//	51120	83817	86630	
Malin Head	980	60721	89031	28304	625//	51120	86825		
Belmullet	976	30817	82018	26005	38400	01226	81819	83633	
Birr	965	70610	74032	23702	754//	02223	83717	87633	
Collinstown	969	70816	66258	24503	734//	50212	81714	86921	87640
Rineanna	962	70111	74028	22402	754//	01116	82711	85618	87630
Roches Point	952	50406	78034	20603	56400	02108	85714		
Valentia	953	10911	80017	20303	12500	51218	81821		

OBSERVATIONS at 18h. 16 January 1963

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	70314	66018	28353	756//	57228	87636		
London Airport	772	60517	58017	28353	655//	56227	86625		
Gatwick	776	70511	74027	27353	755//	57222	87629		
Thorney Island	871	80615	62707	26552	856//	54227	82710	88641	
Hurn	862	80612	62037	26051	854//	54231	88618		
Guernsey	894	70208	60858	23203	3253/	51211	83820	87359	
Wattisham	590	20510	66021	29855	25500	59220	82625		
Gorleston	497	60925	62032	30652	65500	56211	86622		
Mildenhall	578	20708	62021	30655	25600	59222	82630		
Cardington	559	20311	64027	30457	25600	60223	82635		
West Raynham	485	70716	74038	31354	756//	57221	87633		
Wittering	462	10710	61011	31656	15600	59226	81630		
Boscombe Down	746	80821	48227	27353	856//	55225	86712	88640	
Ross-on-Wye	627	70610	60028	29454	764//	58235	87715		
Bristol	628	80516	60017	28053	855//	55131	82708	88620	
Aberporth	502	51010	56017	27352	46230	55226	84704	83625	85359
Rhoose (Cardiff)	715	80622	48227	27152	855//	54229	83705	88620	
Plymouth	827	80408	48041	24003	854//	50216	88615		
Chivenor	707	80815	28026	25200	855//	52222	83710	88625	
St. Mawgan	817	40811	61030	23601	28540	52216	81825	84365	
Culdrose	809	60808	58237	22802	624//	00116	82705	86810	
Scilly	804	40913	82031	22205	48500	01218	83822		
Elmdon	534	20507	33047	30857	25700	59234	82656		
Shawbury	414	10606	60013	31556	15600	57333	81640		
Manchester	334	10910	56017	32254	15500	59230	81625		
Squires Gate	318	10916	28048	32554	15600	57228	81640		
Valley	302	10815	56041	30251	15700	56235	81650		
Ronaldsway	204	71028	66368	31651	785//	55229	81712	84820	87635
Carlisle	222	21006	66038	34655	28530	57217	81822		
Watnall	354	30606	58268	32656	34500	59229	83626		
Spurn Head	396	71120	57268	32651	734//	55221	87915		
Finningley	360	10506	63268	33555	12500	60327	81826		
Dishforth	261	70807	56858	34555	784//	56230	83819	87650	
Tynemouth	262	51125	61028	34500	53400	55016	85915		
Eskdalemuir	162	10402	74010	36359	15600	61017	81635		
Mull of Galloway	131	61120	80022	33050	695//	53235	86920		
Prestwick	135	10906	74021	34155	18500	58218	81825		
Renfrew	141	00808	32048	35453	00900	57119			
Leuchars	171	41312	66018	35751	43500	54113	84921		
Dyce	091	30000	32048	37553	38500	56210	81820	03640	
Wick	075	61809	80031	36601	685//	54016	83820	85650	
Cape Wrath	049	20000	86020	36451	28500	58234	82625		
Sule Skerry	010	31609	84011	35802	11604	51221	81830	83070	
Lerwick	005	72207	82027	37851	6557/	65213	86625		
Stornoway	026	31904	82011	35601	15601	52221	81630	83075	
Benbecula	022	21508	86018	34651	15601	53218	81630		
Tiree	100	11015	86028	34601	18530	55225	81825		
Aldergrove	917	60614	62858	32351	684//	54126	82818	85630	
Malin Head	980	61218	82028	32002	685//	55121	84828	86650	
Belmullet	976	30712	80020	28601	38400	51217	81819	83633	
Birr	965	70612	66022	27501	756//	51223	87633		
Collinstown	969	50817	62018	30001	585//	54232	83822	85633	
Rineanna	962	50815	74022	25703	554//	03217	81715	85635	
Roches Point	952	60612	74258	24102	634//	01124	84915	86640	
Valentia	953	51108	78031	23403	52500	00223	85821		

OBSERVATIONS during DAY

Station	iii	RRT T E x x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	01017	000	s_os_oss	$ps_●$
London Airport	772	93017	000	s_os_o	is_o
Gatwick	776	92017	000	s_os_o	ss
Thorney Island	871	94026	000	is_o	is_o
Hurn	862	97026	///	r_os_o	+
Guernsey	894	03055	016	$r_os_ops_o$	r_os_crs
Wattisham	590	91515	///	is_o	+
Gorleston	497	00516	031	+	+
Mildenhall	578	97516	014	$s_os_oks_o$	+
Cardington	559	01007	004	$ifis_oss$	+
West Raynham	485	97537	039	$s_os_ops_o$	+
Wittering	462	94017	017	$s_os_ossps_o$	+
Boscombe Down	746	91017	000	$is_os_os_o$	is_o
Ross-on-Wye	627	91017	000	$psps_o$	+
Bristol	628	95017	000	$isis_oir_os_o$	s_os_o
Aberporth	502	97046	009	r_os_o	+
Rhoose (Cardiff)	715	92026	000	$id_or_os_os_os_o$	s_os_o
Plymouth	827	97051	055	+	$ir_or_os_ors$
Chivenor	707	97073	037	ir_os_o	ir_cis_c
St. Mawgan	817	00051	055	+	+
Culdrose	809	03051	009	+	$r_os_opr_o$
Scilly	804	02071	020	pr	+
Elmdon	534	97007	000	$ifis_os_os_o$	+
Shawbury	414	97007	000	$ffs_os_oks_o$	+
Manchester	334	97017	004	is_o	is_o
Squires Gate	318	97015	001	ps_o	ps_o
Valley	302	00033	010	+	+
Ronaldsway	204	97038	005	$pr_os_ops_o$	ps_opsif
Carlisle	222	97015	032	+	ps_o
Watnall	354	97519	013	$s_os_ossps_o$	ps_o
Spurn Head	396	01506	013	ps	ps
Finningley	360	95519	005	s_os_ops	ps_o
Dishforth	261	93517	025	$is_os_os_oss$	ps_o
Tynemouth	262	93016	011	ps_ops	ps_ops
Eskdalemuir	162	97517	046	+	is_c
Mull of Galloway	131	97023	///	/	//
Prestwick	135	97023	043	is_ops_o	+
Renfrew	141	97023	019	ps_o	+
Leuchars	171	91017	012	ps_opSif	$pSifps_o$
Dyce	091	97019	013	ps_o	ps_o
Wick	075	97026	010	ps_o	+
Cape Wrath	049	00053	///	+	+
Sule Skerry	010	92030	///		
Lerwick	005	97007	000	sss_os_o	+
Stornoway	026	00043	024	+	+
Benbecula	022	91045	020	jp	ph_o
Tiree	100	97035	026	pr_o	+
Aldergrove	917	97035	003	pr_os_o	$pr_●$
Malin Head	980	9705	023	/	/
Belmullet	976	9705	071	/	/
Birr	965	0003	009	/	/
Collinstown	969	0204	012	/	/
Rineanna	962	9205	017	/	/
Roches Point	952	0106	020	/	/
Valentia	953	0204	064	/	/

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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33012	82307	60616	11903	6742/	00727	/////	/////	05503	12322	14957
B	40565	51012	82708	69268	18956	62508	00805	86820	882//	06864	12744	1////
C	40528	35512	81826	65022	21608	8097/	00610	82359	88361	00206	11647	1////
D	40440	41012	81825	61616	20414	5742/	00705	85811	88540	05213	11744	1////
I	40589	18912	71003	98032	31508	45608	00706	84630	87272	05402	11041	10832
J	40523	19612	40222	98028	25509	48500	00604	83825	/////	05305	10334	10346
K	40452	15412	80626	60028	15210	885//	21701	83820	88633	05604	15751	1////
M	43663	01312	82130	65022	27004	883//	31807	86808	/////	05402	12036	1////

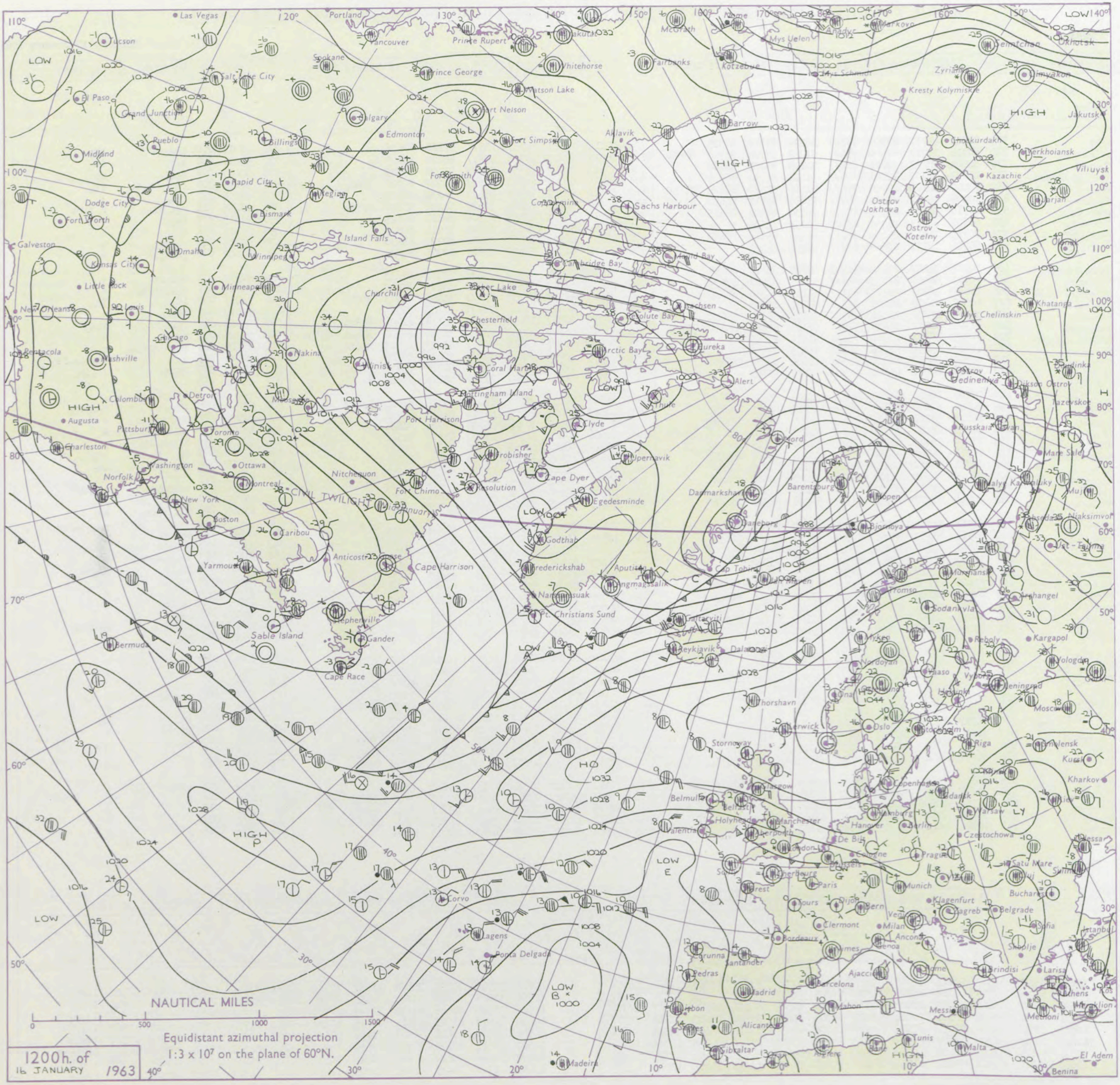
OCEAN WEATHER STATION REPORTS at 18h.

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	40621	32918	72716	75026	11202	785//	00307	/////	/////	05850	12722	14956
B	40565	51018	81108	37852	14556	2742/	00722	82810	88525	06760	12844	1////
C	40528	35518	81626	61616	18309	2757/	00612	82730	86358	00307	11849	1////
D	40440	41018	81827	37614	16815	5732/	00614	85709	88530	05115	11947	1////
I	40590	18818	31614	98021	30408	25601	30507	82630	/////	05303	11532	10844
J	40522	19618	70420	97258	22910	735/2	00611	82925	87635	05104	10434	10345
K	40450	16018	70618	70012	11210	54544	00607	85623	83363	05603	10757	11055
M	43662	01718	72229	65022	26305	11470	41002	81813	87357	05302	12236	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Las Vegas
Portland
Tucson
Vancouver
Prince Rupert
Yakutat
McGrath
Nome
Mys Uelen
Anadyr
Markovo
Oymyakon
Okhotsk
Spokane
Whitehorse
Fairbanks
Kotzebue
Mys Schmidt
Kresty Kolymskiye
Zyrianka
Jakutsk
Salt Lake City
Prince George
El Paso
Watson Lake
Grand Junction
Fort Nelson
Calgary
Edmonton
Aklavik
Barrow
Sachs Harbour
Midland
Rueblo
Billings
Fort Simpson
Omakurdakh
Verkhoiansk
Kazachie
Viliuysk
Rapid City
Fort Smith
Regina
Dodge City
Bismarck
Fort Worth
Ostrov Jokhova
Ostrov Kotelny
Tiksi
Galveston
Island Falls
Winnipeg
Omaha
Kansas City
Cambridge Bay
Resolute Bay
Khatanga
Little Rock
Minneapolis
Churchill
Chesterfield
Coral Harbour
Eureka
Arctic Bay
Alert
Thule
Nashville
Nakina
Moosonee
Nottingham Island
Port Harrison
Clyde
Detroit
Toronto
Ottawa
Montreal
Pittsburgh
Washington
Norfolk
New York
Boston
Charleston
Augusta
Colombus
Nitchequon
Fort Chimo
Resolution
Cape Dyer
Egedesminde
Godthab
Frobisher
Upernavik
Caribou
Yarmouth
Anticosti Island
Cape Harrison
Stephenville
Gander
Sable Island
Bermuda
Cape Race
Frederickshab
Aputiak
Narssarssuak
Pt. Christians Sund
Reykjavik
Dalatangi
Thorshavn
Stornoway
Belmullet
Belfast
Holyhead
Manchester
Liverpool
London
Paris
Cherbourg
Brest
Corvo
Lagens
Ponta Delgada
Madeira
Gibraltar
Lisbon
Sagres
Cadiz
Gruinna
Santander
Pedras
Madrid
Alicante
Mahon
Barcelona
Ajaccio
Bordeaux
Clermont
Tours
Dijon
Nice
Milan
Genoa
Ancona
Rome
Messina
Brindisi
Malta
Tunis
Algiers
Bern
Munich
Klagenfurt
Zagreb
Belgrade
Sofia
Skoplje
Athens
Larisa
Istanbul
Salonika
Crete
Benina
El Adem
Hamburg
Berlin
Hanover
Cologne
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Warsaw
Czestochowa
Satu Mare
Bucharest
Kharkov
Kursk
Smolensk
Moscow
Leningrad
Vologda
Archangel
Kargapol
Reboly
Vyborg
Helsinki
Oslo
Stockholm
Riga
Copenhagen
Gdansk
Sodankyla
Tromso
Vardoyan
Kirkenes
Lerwick
Ustaoset
Dalatangi
Jan Mayen
Cap Tobin
Godthab
Ivigtut
Julianehaab
Narssarssuak
Pt. Christians Sund
Reykjavik

CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

OUD
Cloud Amount (oktas)
0
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8
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ATHER
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8–12
13–17
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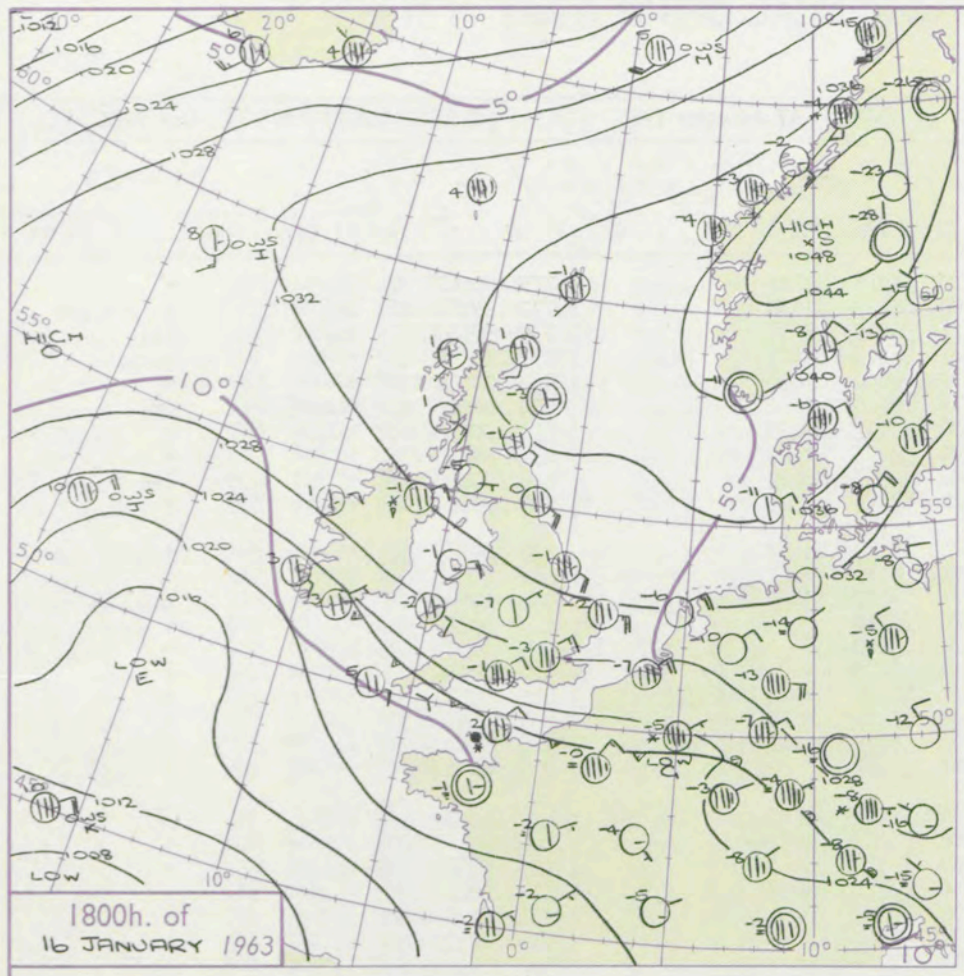
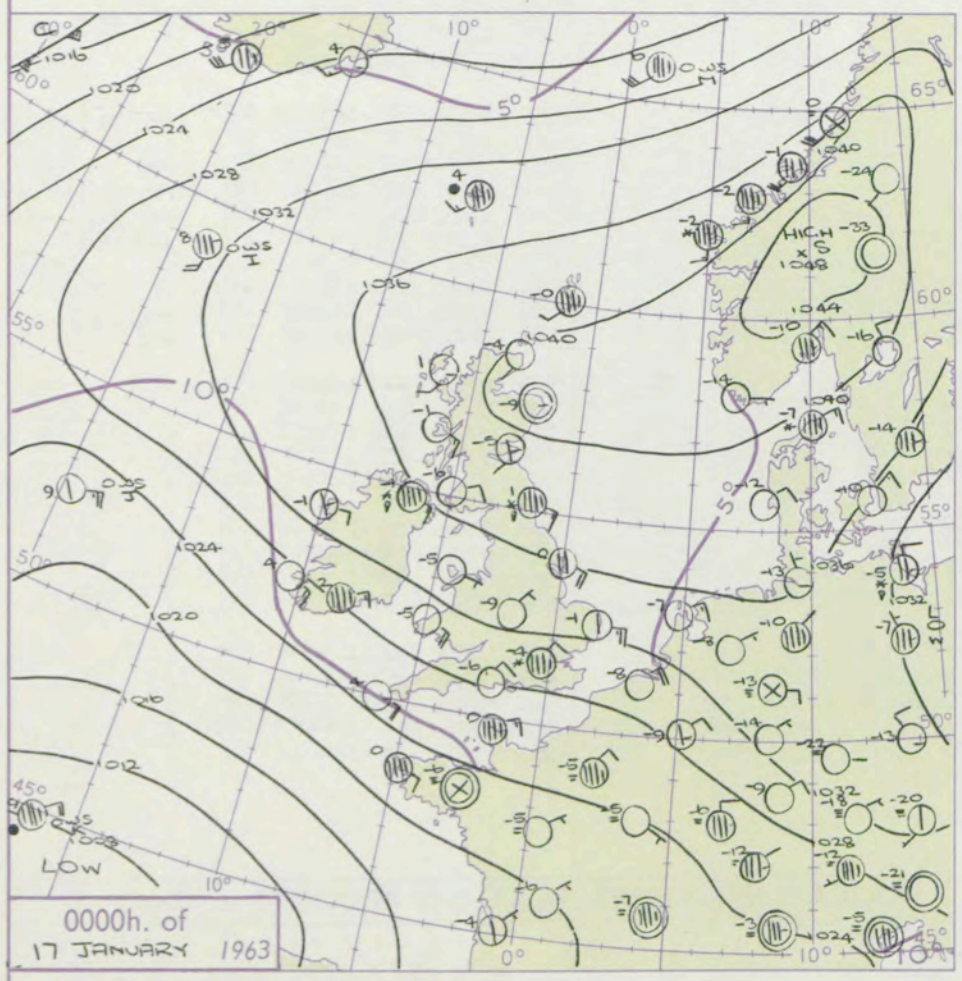
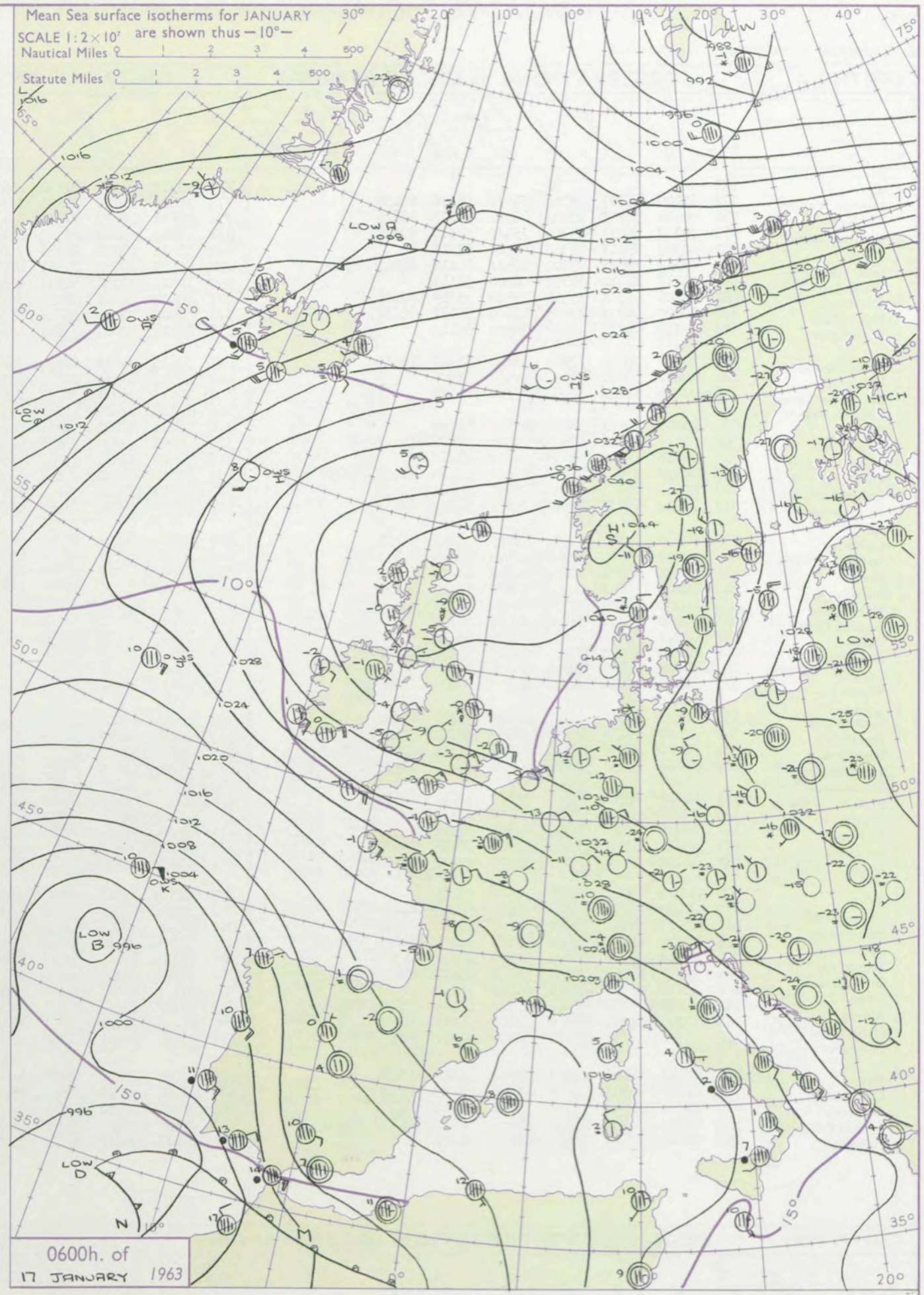
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 17 January 1963

An anticyclone over Scandinavia moved very slowly southwestwards with a strong ridge developing over Scotland, where a separate centre of high pressure eventually formed. As the ridge strengthened in the north, a cold front over southern districts of England and Wales moved slowly southwestwards to clear Scilly. Little significant change is expected over the next 24 hours.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Continuing very cold and frosty with severe or very severe frost in many places at night. Mostly dry and sunny, but snow showers in east and northeast England and southeast Scotland.

OUTLOOK for following 48 hours.

Probably little change.

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

Code FM 11.A — OBSERVATIONS at 00h. 17 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	T_dT_dapp	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$
Kew	775			53					
London Airport	772	80109	56707	30354	856//	56108	88635		
Gatwick	776	80618	74227	29253	855//	57107	88625		
Thorney Island	871	70307	59037	29354	755//	57310	87628		
Hurn	862	00308	69011	29356	00900	57212			
Guernsey	894	80718	70027	25700	865//	54212	84825	87650	
Wattisham	590	00717	66010	31753	00900	58115			
Gorleston	497	20926	62021	33551	25500	55319	82622		
Mildenhall	578	10606	66031	32855	15600	59111	81630		
Cardington	559	00214	64022	32657	00900	59113			
West Raynham	485	10616	74031	33755	15600	59110	81630		
Wittering	462	00611	59010	34157	00900	59305			
Boscombe Down	746	00411	61021	30358	00900	61110			
Ross-on-Wye	627	00714	77020	33555	00900	59310			
Bristol	628	00408	66011	31258	00900	60014			
Aberporth	502	01119	59021	30655	00900	59125			
Rhoose (Cardiff)	715	00615	62011	31156	00900	58218			
Plymouth	827	80615	48027	27452	854//	55212	82618	88656	
Chivenor	707	20611	56017	29053	25500	57213	82625		
St. Mawgan	817	71014	59031	26851	756//	54215	87635		
Culdrose	809	80923	56028	26201	864//	52217	88712		
Scilly	804	11018	59020	28304	11500	02209	81822		
Elmdon	534	00305	56021	33759	00900	62213			
Shawbury	414	10302	56041	34959	15600	61220	81640		
Manchester	334	10000	58020	35254	15500	62116	81625		
Squires Gate	318	00609	40040	36056	00900	58120			
Valley	302	01003	62020	34655	00900	59228			
Ronaldsway	204	21027	56023	35851	25600	57124	82630		
Carlisle	222	10207	61051	38254	15600	55115	81640		
Watnall	354	10502	59018	34958	15600	60209	81645		
Spurn Head	396	41120	59018	34800	49500	53211	84920		
Finningley	360	33606	48850	35956	38500	58310	82825		
Dishforth	261	73408	74038	37134	785//	57311	82820	87632	
Tynemouth	262	81017	74858	38301	80521	55215	88530		
Eskdalemuir	162	00505	63020	44163	00900	56101			
Mull of Galloway	131	41120	82022	35650	456//	52211	84630		
Prestwick	135	00808	80020	38256	00900	58114			
Renfrew	141	00000	17040	39357	00900	58114			
Leuchars	171	32202	66051	32955	33600	57216	83930		
Dyce	091	10000	32268	40859	15600	60212	81630		
Wick	075	02202	83011	39754	00900	55211			
Cape Wrath	049	21402	83030	38553	25600	58208	82630		
Sule Skerry	010	21713	82020	33801	25600	53214	82630		
Lerwick	005	82210	82022	39450	855//	52204	83625	88645	
Stornoway	026	12109	80010	36601	10930	52212	81362		
Benbecula	022	51708	83011	38051	15630	55112	81633	85362	
Tiree	100	01116	83010	38251	00900	56214			
Aldergrove	917	01013	58058	36151	885//	53118	83820	88645	
Malin Head	980	31214	74021	36310	35600	55218	83638		
Belmullet	976	30910	80011	33251	32500	53220	83823		
Birr	965	80712	70031	32251	856//	55223	88630		
Collinstown	969	80818	74038	33752	855//	57225	88627		
Rineanna	962	10814	59011	30700	15500	54662	81627		
Roches Point	952	80717	74038	28302	884//	51224	84818	88640	
Valentia	953	01016	78011	26904	00900	51219			

OBSERVATIONS at 06h. 17 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	T_dT_dapp	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$
775	20512	78021	30352	25500	53215	82625		
772	10616	56017	31853	15600	55213	81630		
776	80621	66227	31053	854//	56215	88616		
871	80619	69022	29453	854//	56206	88617		
862	70414	69022	28953	756//	54000	87630		
894	80520	60268	25551	6857/	54806	83822	85635	
590	10617	70030	34553	15500	59217	81625		
497	60922	64021	37052	65500	53223	86622		
578	30809	74030	35754	35500	58218	83629		
559	00216	62020	34556	00900	57217			
485	30615	74011	36754	35600	58213	83630		
462	60613	69031	36755	65500	58219	86627		
746	70617	56031	31055	755//	58207	87622		
627	00714	77020	33555	00900	59310			
628	00211	62020	32657	00900	59209			
502	00805	66020	33655	00900	59005			
715	70620	62031	31955	755//	57307	83625	87645	
827	70316	58021	29153	75500	57209	87620		
707	10817	59030	30453	15500	56805	81622		
817	00710	59021	29256	00900	59007			
809	50822	56022	27752	56400	56303	85710		
804	40921	58011	27151	41600	53213	84632		
534	00307	61020	36059	00900	61314			
414	10408	74020	36657	15600	61211	81640		
334	00811	61020	36753	00900	60207			
318	00705	60021	37855	00900	57210			
302	00710	62020	36454	00900	57208			
204	71026	74858	37200	755//	55110	82820	87631	
222	00607	66020	40057	00900	59107			
354	60713	74011	37354	656//	58114	86635		
396	70619	16861	37450	734//	54211	87915		
360	03607	48048	38256	00900	58112			
261	30207	69018	39353	38400	55112	81818	83632	
262	70917	74028	39501	755//	52104	87626		
162	00505	63020	44163	00900	56101			
131	30916	82012	38352	31500	52206	83825		
135	00707	74020	40057	00900	58204			
141	00000	19041	40858	00900	59204			
171	22702	62018	40855	25600	56208	82630		
091	70000	56858	42159	794//	60105	82815	87640	
075	02803	83011	40757	00900	58000			
049	21402	83020	39952	25600	54410	82630		
010	22105	84020	39301	12605	55400	81830		
005	62509	80012	40451	5557/	52205	81625	85645	
026	72111	82022	40502	756//	52109	87640		
022	11803	83020	40253	15630	57212	81635		
100	41113	86011	39850	42500	56307	84822		
917	71107	66028	36751	756//	53708	87638		
980	71408	74031	38051	756//	54305	87630		
976	31112	80011	35052	00902	56307	83070		
965	60705	70031	34653	656//	57112	86630		
969	21016	80011	35552	25600	58005	82632		
962	30810	62030	33353	35600	55315	83640		
952	60720	74036	31400	684//	56312	84818	86640	
953	51017	66027	29301	53500	54215	85923		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	00547	57	+	+
772	97567	58	is_o	+
776	97557	57	is_o	is_o
871	00566	58	+	+
862	00566	58	+	+
894	01526	53	rss_os_o	ps_o
590	00545	55	+	+
497	00525	55	+	+
578	97566	58	+	is_o
559	97597	//	+	+
485	00567	59	+	+
462	00577	60	+	+
746	00587	61	+	+
627	00587	66	+	+
628	00587	61	+	+
502	00556	58	+	+
715	00576	58	+	+
827	00553	57	+	+
707	00543	56	+	+
817	00563	58	+	+
809	00533	57	+	+
804	00513	//	+	+
534	00637	63	+	+
414	00627	66	+	+
334	00567	60	+	+
318	00575	60	+	+
302	00553	59	+	+
204	97525	53	+	ps_o
222	00575	60	+	+
354	97599	65	ps_o	+
396	93516	//	ps	ps
360	97579	60	ps_o	+
261	97557	56	ps_o	ps_o
262	91516	53	ps_o	ps_o
162	97637	64	+	is_o
131	00523	//	/	/
135	00573	63	+	+
141	00603	63	+	if
171	97577	59	ph_ops_o	ps_o
091	91619	61	ps_o	ps_o
075	00576	58	+	+
049	00533	55	+	+
010	00010	52	/	/
005	00517	54	+	+
026	00535	54	+	+
022	00545	57	+	+
100	00513	54	+	+
917	97515	55	ps_o	+
980	97513	53	/	/
976	97543	56	/	/
965	97546	57	/	/
969	97535	54	/	/
962	97543	55	/	/
952	92513	53	/	/
953	97513	53	/	/

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	$N_hC_lh_CC_MC_H$	D_sv_sapp	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HP_Hw$	$Id_wd_wP_HP_Hw$
A	50621	32800	82521	75022	14502	885//	00110	/////	/////	05854	12536	1////
B	50565	51000	93638	00757	11656	9/0//	00803	9/01	/////	06656	13635	1////
C	50527	35500	81632	59616	15108	2742/	00712	82715	88550	00107	16851	1////
D	50440	41000	82720	37614	13513	5732/	00512	85708	/////	05213	11948	1////
I	50889	18400	71821	97258	30008	53441	40705	85918	/////	05205	11934	11643
J	50521	19700	20823	99018	22809	22500	00400	82825	/////	05503	10834	10345
K	50449	16100	80621	62602	08209	8097/	00716	88362	/////	05707	10656	11064
M	53660	01800	82428	60212	25606	6742/	41400	86710	/////	05104	12346	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	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HP_Hw$	$Id_wd_wP_HP_Hw$
A	50620	33006	72508	75158	14502	795//	00602	/////	/////	05856	12521	1////
B	50565	51006	82934	14717	13456	872//	00105	88805	/////	06859	18341	1////
C	50528	35506	83414	56616	13805	8052/	00503	88530	/////	00404	14917	1////
D	50440	41006	83220	62803	14912	884//	00303	85815	88625	05310	12056	1////
I	50569	18506	11825	97018	29008	15600	00806	81640	/////	05202	11844	11555
J	50521	19906	60927	98022	21110	68500	00809	84822	83630	05405	10935	10346
K	50451	15906	80849	65036	03410	854//	11514	86616	/////	05508	15853	1////
M	53658	02006	12422	65016	26606	15500	41109	81620	/////	05104	12446	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36947 — Date of Issue Friday 18 January 1963

OBSERVATIONS at 12h. — 17 January 1963

Code FM 11.A

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775	20522	66030	34852	22500	57002	82825		
London Airport	772	30619	61030	34852	31500	53004	83822		
Gatwick	776	00722	71021	33752	00900	57002			
Thorney Island	871	00719	80021	34552	00900	56001			
Hurn	862	10618	66021	31452	15600	54005	81640		
Guernsey	894	70820	56268	27000	784//	53009	82712	86815	
Wattisham	590	30813	63268	36953	38400	58002	82818	83630	
Gorleston	497	70918	62707	38151	755//	55801	86622		
Mildenhall	578	61011	74037	37351	65500	57001	86625		
Cardington	559	70613	64021	37253	756//	57202	87635		
West Raynham	485	10914	66227	37953	15600	56003	81640		
Wittering	462	01008	61021	38052	00900	56000			
Boscombe Down	746	00820	64021	33153	00900	57002			
Ross-on-Wye	627	10715	70020	35653	11500	58105	81825		
Bristol	628	00520	66363	33553	00900	56104			
Aberporth	502	00917	69020	34852	00900	58000			
Rhoose (Cardiff)	715	10833	66010	32652	11500	57506	81822		
Plymouth	827	50719	59227	29051	55500	55804	85620		
Chivenor	707	10919	74020	31851	11500	57004	81820		
St. Mawgan	817	30720	58021	29153	35500	56806	83620		
Culdrose	809	70625	32858	27652	756//	55803	83712	87630	
Scilly	804	40823	58011	26801	45400	53809	84615		
Elmdon	534	10811	62013	37554	11500	57003	81820		
Shawbury	414	01008	58040	37953	00900	57003			
Manchester	334	10910	58050	37800	11500	56104	81820		
Squires Gate	318	50709	40041	39151	58400	54203	83818	83635	
Valley	302	10918	66020	37451	11500	55003	81828		
Ronaldsway	204	70923	80028	39101	785//	54106	85825	83635	
Carlisle	222	20805	66010	41452	28500	55500	81822		
Watnall	354	20708	13858	38953	28400	56002	82815		
Spurn Head	396	41014	66268	39001	42500	52803	84825		
Finningley	360	70806	23701	39652	757//	54102	83712	87650	
Dishforth	261	70508	58268	40551	786//	54202	83830	87650	
Tynemouth	262	40910	66028	41001	42500	52203	84820		
Eskdalemuir	162	20604	66017	42753	25600	56103	82630		
Mull of Galloway	131	40914	82012	40251	43500	51207	84920		
Prestwick	135	10907	66021	41352	00901	55102	81075		
Renfrew	141	00000	04444	42556	00900	57801			
Leuchars	171	43105	48268	41854	49400	55801	81712	83918	
Dyce	091	13504	28048	43356	15630	58101	81640		
Wick	075	10000	86020	42054	12501	56400	81820		
Cape Wrath	049	31805	86020	41650	38600	52206	83630		
Sule Skerry	010	52105	82031	40902	31635	51208	83830	83070	
Lerwick	005	12513	83011	41001	15601	53803	81630		
Stornoway	026	32306	87021	42251	35600	54106	83635		
Benbecula	022	51707	85011	41250	55500	55001	85628		
Tiree	100	31313	86011	41501	31501	55106	83825		
Aldergrove	917	31012	62011	39701	38500	55103	82820		
Malin Head	980	41412	82011	40201	48500	56105	82827	84645	
Belmullet	976	31315	82020	37050	00902	54302	83069		
Birr	965	00814	80021	36551	00900	56005			
Collinstown	969	10915	80021	37401	11500	57303	81824		
Rineanna	962	11117	74020	35151	11500	56105	81828		
Roches Point	952	70921	62021	32300	724//	54703	87819		
Valentia	953	50611	80031	32501	52500	56110	85824		

OBSERVATIONS at 18h. — 17 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775	70519	58028	34353	756//	60603	87630		
London Airport	772	60518	58038	34553	625//	57703	86825		
Gatwick	776	60514	63028	33454	64600	56804	86630		
Thorney Island	871	00616	78010	32654	00900	58801			
Hurn	862	00514	58040	31854	00900	57102			
Guernsey	894	10726	62021	26351	11500	60804	81820		
Wattisham	590	70509	66038	35754	74500	58803	82620	87626	
Gorleston	497	60814	62028	36552	65500	52703	86624		
Mildenhall	578	00705	62018	36255	00900	57802			
Cardington	559	00309	58011	36257	00900	59502			
West Raynham	485	50406	58258	36956	58400	56708	83815	83645	
Wittering	462	40507	56030	37055	45600	57604	84630		
Boscombe Down	746	10718	60010	33655	15600	57602	81630		
Ross-on-Wye	627	00607	60020	34955	00900	59602			
Bristol	628	00413	61013	34055	00900	59501			
Aberporth	502	00918	62020	34253	00900	58302			
Rhoose (Cardiff)	715	10518	61020	33155	15500	57802	81620		
Plymouth	827	00616	48041	29753	00900	57302			
Chivenor	707	10716	58020	31453	14500	57703	81620		
St. Mawgan	817	00818	59010	29654	00900	57002			
Culdrose	809	50734	56058	27050	555//	56400	85622		
Scilly	804	50932	58028	26002	52400	51204	85812		
Elmdon	534	70506	37701	36556	757//	57504	87650		
Shawbury	414	10203	32041	37357	15600	58603	81630		
Manchester	334	40510	37041	37553	48500	55703	83820	84640	
Squires Gate	318	00505	30041	38455	00900	57702			
Valley	302	00811	48040	36552	00900	56500			
Ronaldsway	204	30719	69011	38250	31500	58502	83823		
Carlisle	222	00202	58050	40556	00900	58004			
Watnall	354	70707	32858	37353	784//	55605	84815	86620	
Spurn Head	396	60908	57268	37450	69500	53609	84925	83830	
Finningley	360	60305	48268	38153	63300	54703	82707	84712	81920
Dishforth	261	13309	40041	38955	15730	59707	81650		
Tynemouth	262	83410	32268	39851	8052/	54808	88520		
Eskdalemuir	162	03410	71010	42058	00900	60610			
Mull of Galloway	131	40920	82022	39450	42500	52708	84825		
Prestwick	135	10810	58040	40956	15600	57400	81630		
Renfrew	141	20000	04424	41756	25600	57702	82635		
Leuchars	171	52705	22048	41455	59400	56803	81918	85825	
Dyce	091	10000	23040	42960	15700	61000	81650		
Wick	075	12803	86020	41757	10930	61503	81359		
Cape Wrath	049	21802	86020	41351	25600	55701	82630		
Sule Skerry	010	62405	82031	40503	636//	52400	86930		
Lerwick	005	12611	83020	40350	15601	52605	81630		
Stornoway	026	52803	80031	41852	55600	53701	85640		
Benbecula	022	41703	86022	40951	45500	56704	84635		
Tiree	100	11012	83010	40751	11500	56803	81820		
Aldergrove	917	10902	59018	39055	11500	56705	81820		
Malin Head	980	21411	80010	39152	25600	56604	82630		
Belmullet	976	30811	69030	36451	00902	54303	83071		
Birr	965	00707	80020	36053	00900	55303			
Collinstown	969	50816	62051	36501	525//	54604	85824		
Rineanna	962	00717	74020	34551	00900	54303			
Roches Point	952	10820	69021	31601	11400	56701	81819		
Valentia	953	20910	69011	31351	22500	56601	82824		

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97516	039	ps_0	ps_0
London Airport	772	97517	026	ps_0	+
Gatwick	776	97527	063	ps_0	is_0
Thorney Island	871	00516	070	+	+
Hurn	862	00516	///	+	+
Guernsey	894	97015	034	ps_0	+
Wattisham	590	97525	///	ps_0	+
Gorleston	497	97005	002	is_0ps_0	+
Mildenhall	578	97516	044	is_0ps_0	+
Cardington	559	00527	024	+	+
West Raynham	485	02537	049	$s_0s_0ps_0$	ps_0
Wittering	462	97527	061	+	ps_0
Boscombe Down	746	00527	069	+	+
Ross-on-Wye	627	00537	072	+	+
Bristol	628	00537	069	ks	+
Aberporth	502	00526	074	+	+
Rhoose (Cardiff)	715	00526	069	+	+
Plymouth	827	97503	032	s_0s_0	+
Chivenor	707	00513	069	+	+
Cardington	817	00513	058	+	+
Culdrose	809	97013	000	$psps_0$	+
Scilly	804	01020	031	ps	+
Elmdon	534	97537	074	+	is_0
Shawbury	414	97527	053	+	ps_0
Manchester	334	97017	057	+	ps_0
Squires Gate	318	00505	032	+	+
Valley	302	00503	070	+	+
Ronaldsway	204	00015	021	+	+
Carlisle	222	97515	071	+	ps_0
Watnall	354	92537	010	ps_0ps	ps_0
Spurn Head	396	96017	032	ps	ps
Finningley	360	91519	030	$isps_0$	ps_0ps
Dishforth	261	97517	043	ps_0	is_0
Tynemouth	262	94026	033	ps_0is_0	$ps_0s_0s_0$
Eskdalemuir	162	97527	047	$is_0s_0s_0$	is_0
Mull of Galloway	131	00523	///	/	/
Prestwick	135	00503	068	+	+
Renfrew	141	00543	000	ff	FFff
Leuchars	171	01537	008	ps_0ps	+
Dyce	091	97559	038	ps_0	+
Wick	075	00516	055	+	+
Cape Wrath	049	00003	///	+	+
Sule Skerry	010	00030	///	/	/
Lerwick	005	00017	049	+	+
Stornoway	026	00013	029	+	+
Benbecula	022	00015	002	+	+
Tiree	100	00013	046	+	+
Aldergrove	917	91015	027	ps	+
Malin Head	980	9701	049	/	/
Belmullet	976	9701	073	/	/
Birr	965	9700	070	/	/
Collinstown	969	0001	053	/	/
Rineanna	962	0001	070	/	/
Roches Point	952	0002	017	/	/
Valentia	953	0002	054	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_a app	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33012	82812	70858	14701	895//	00102	/////	/////	06054	12822	14944
B	50565	51012	82926	63857	13256	5242/	00814	85815	88458	06762	13148	1////
C	50528	35512	83416	63616	10605	854//	00608	86710	88618	05503	11846	13224
D	50440	41012	83426	63028	18212	855//	00222	88623	/////	05407	13347	1////
I	50587	17912	61821	98038	30308	39430	32205	83918	84640	05301	11844	11254
J	50519	19812	71320	98808	23109	7346/	00012	82718	83920	05405	11234	11056
K	50453	15712	80848	56616	05410	6242/	21104	86816	88460	05508	15849	1////
M	53656	01912	52529	70022	28006	35611	00301	83630	/////	05104	12434	1////

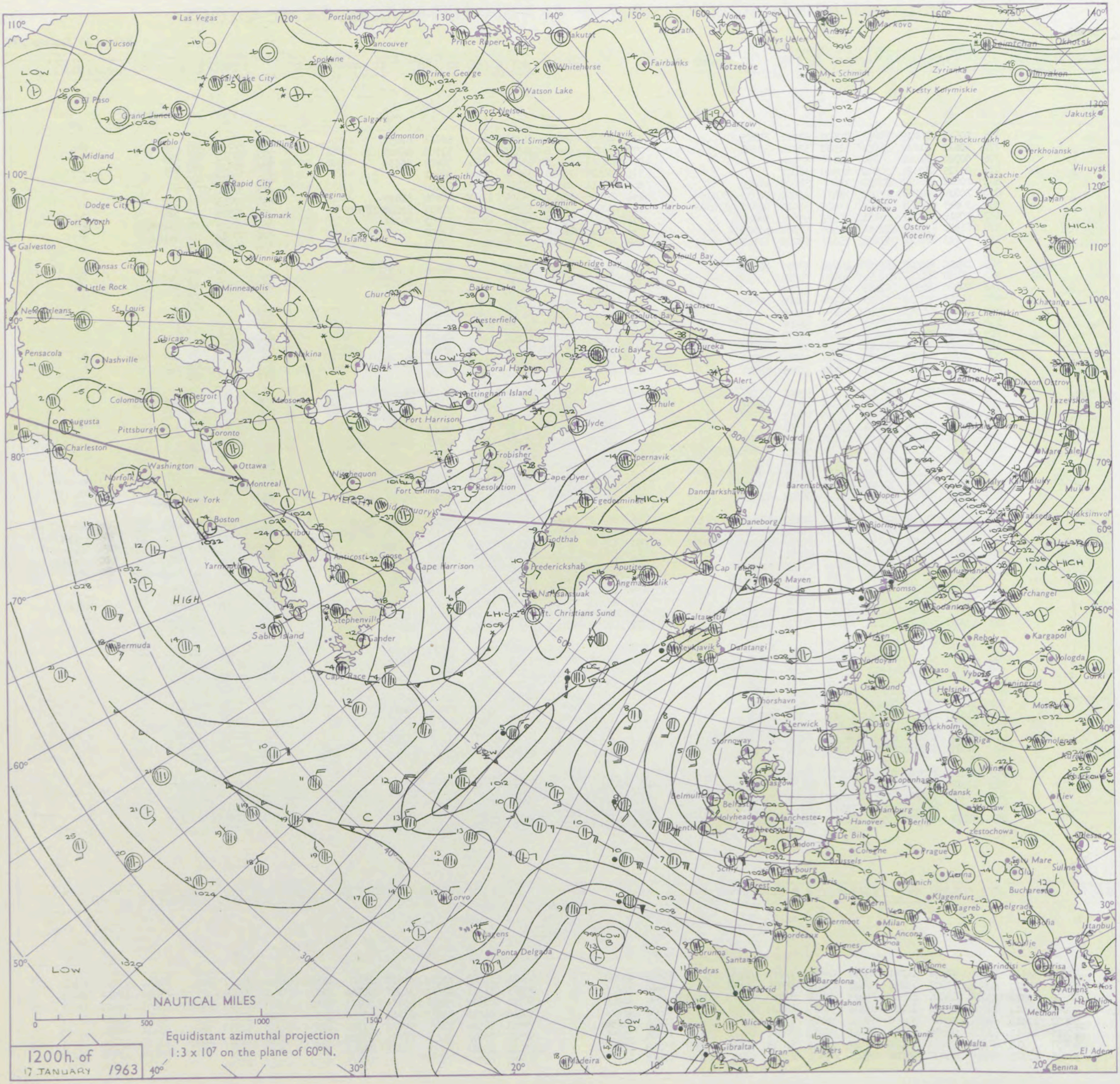
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_a app	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33018	73012	80028	15600	11572	00400	/////	/////	00256	13022	11944
B	50565	51018	82931	14758	09056	873//	00620	88808	/////	06658	11949	1////
C	50528	35518	83223	65156	08805	6242/	00605	86815	86459	05403	11455	1////
D	50440	41018	73432	63258	21309	74500	00319	87630	/////	05701	13447	1////
I	50583	16518	81825	98022	31706	884//	33308	82818	88650	05601	11844	11355
J	50520	19718	81223	97028	21009	735//	00707	82922	87630	05504	11234	11147
K	50453	15218	80850	56606	01809	7242/	21204	87816	88458	05706	15849	1////
M	53650	02018	62625	70022	29806	65500	44218	86630	/////	05104	12635	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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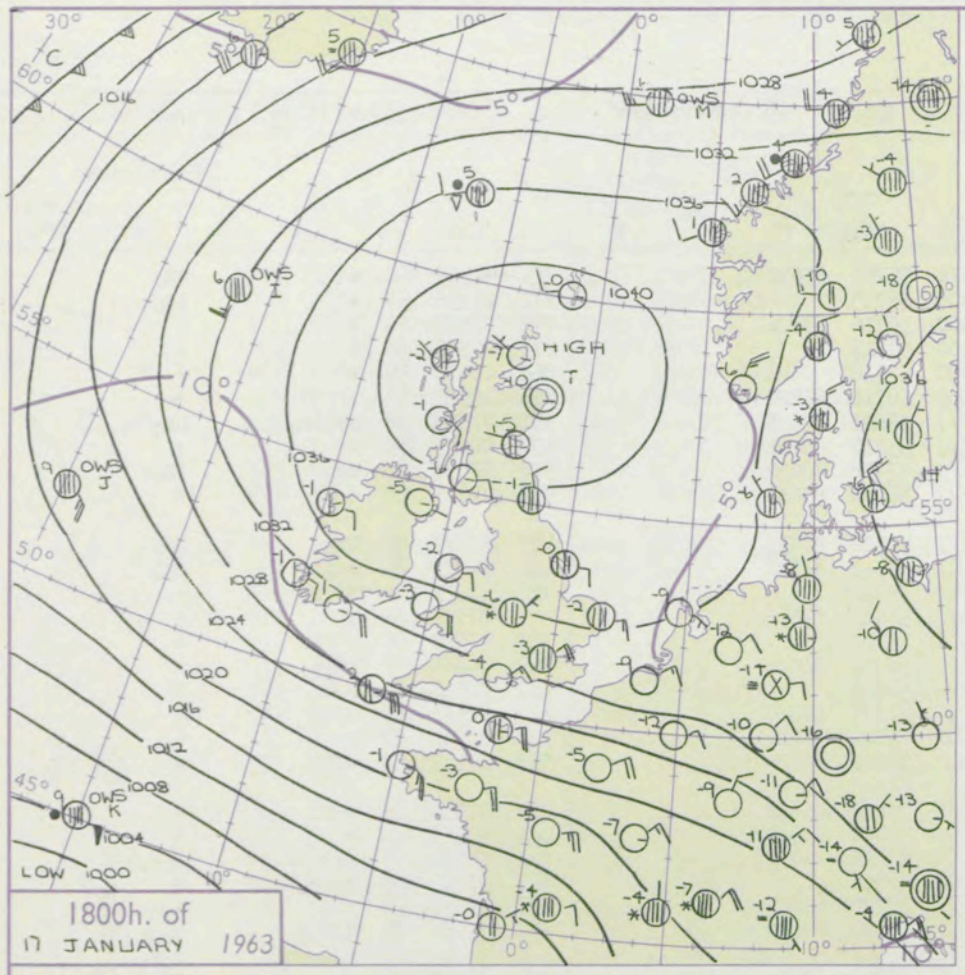

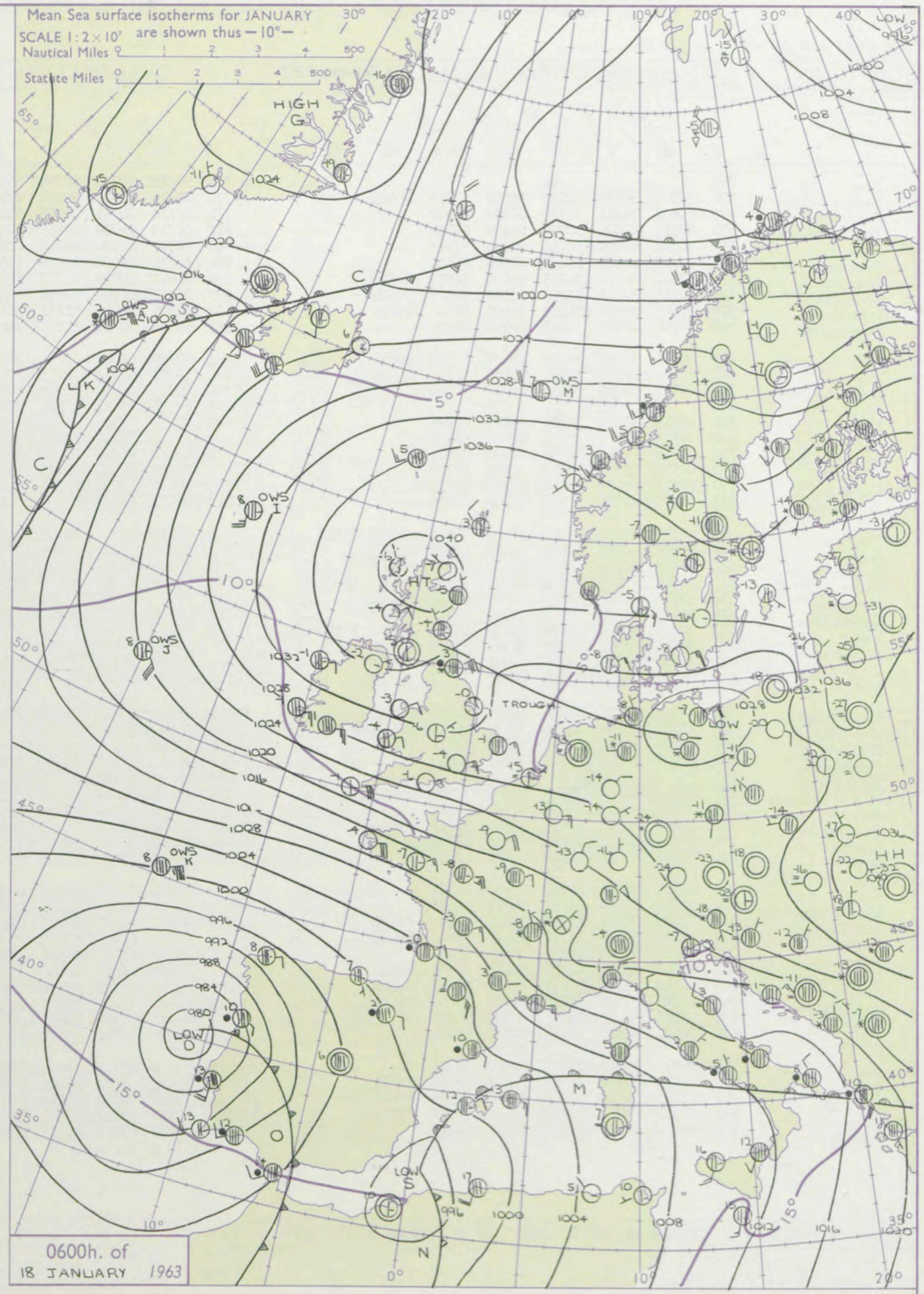

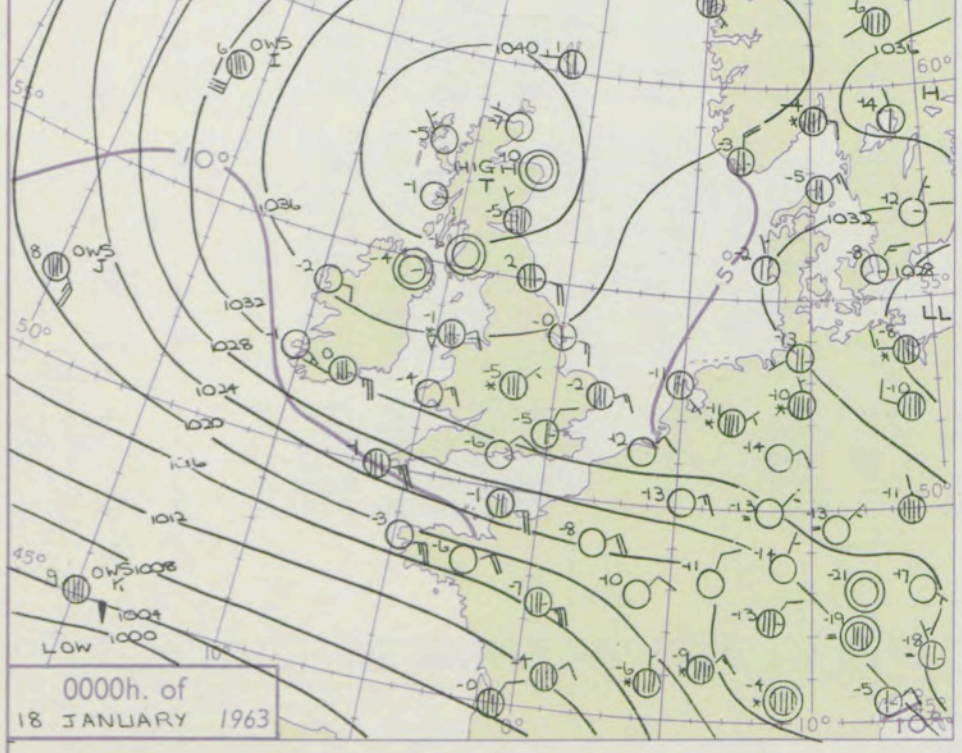

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 18 January 1963

An anticyclone over northern Scotland moved a little northwestwards, and a trough developing over the North Sea from a depression near the southern Baltic, swung southwestwards tp England and Wales. The anticyclone will remain centred near northern Scotland and a new cell is expected to move to southern Sweden from the northeast. The trough over England and Wales will move slowly south and weaken. Pressure will remain low over Spain and the western Mediterranean.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Frost will remain unbroken practically everywhere, severe in many areas and very severe at night. There will be further falls of snow, especially in central and eastern areas of England and Wales, and in eastern Scotland, with heavy drifting. Most places will also have sunshine at times. Easterly winds will reach gale force in the south, especially on the Channel coast.

OUTLOOK for the following 24 hours.

Continuing very cold with further snow at times especially in the east.

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

Code FM 11.A **OBSERVATIONS at 00h.** 18 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			54					
London Airport	772	30308	58030	32255	35500	57813	83625		
Gatwick	776	00609	74011	31755	00900	59610			
Thorney Island	871	00612	80020	30755	00900	59712			
Hurn	862	00411	62020	30056	00900	57613			
Guernsey	894	00729	62020	24652	00900	61816			
Wattisham	590	10510	66020	34055	15500	58713	81625		
Gorleston	497	60816	62031	35252	65500	54709	86624		
Mildenhall	578	50603	58031	34459	55500	60808	85625		
Cardington	559	00208	40020	34562	00900	63710			
West Raynham	485	60606	61268	34755	656//	56712	86635		
Wittering	462	30306	56268	35055	35500	56714	83626		
Boscombe Down	746	00717	61020	31556	00900	58710			
Ross-on-Wye	627								
Bristol	628	00513	61020	32656	00900	60708			
Aberporth	502	00714	62020	33354	00900	57811			
Rhoose (Cardiff)	715	00719	62020	31755	00900	57806			
Plymouth	827	00515	59020	28055	00900	56714			
Chivenor	707	00617	59020	30154	00900	57713			
St. Mawgan	817	00720	61020	28256	00900	60810			
Culdrose	809	60729	60032	26253	55400	55813	81712	85618	
Scilly	804	60826	56022	25251	62400	55812	86812		
Elmdon	534	60505	40717	34755	656//	57711	86640		
Shawbury	414	80507	23228	35354	854//	55709	84617	88632	
Manchester	334	60511	28858	35453	62500	54714	86825		
Squires Gate	318	30107	28227	36554	35500	55712	83625		
Valley	302	70710	58850	35851	784//	55711	85818	87640	
Ronaldsway	204	70415	66851	36851	785//	53715	85829	86650	
Carlisle	222	20000	58038	38856	00901	57212	82072		
Watnall	354	80502	23268	35855	874//	56707	88710		
Spurn Head	396	30914	57038	35650	32500	54708	83825		
Finningley	360	73605	23268	36254	756//	55710	87644		
Dishforth	261	23208	15057	37153	25600	55711	82645		
Tynemouth	262	70920	74028	38102	756//	54808	87630		
Eskdalemuir	162								
Mull of Galloway	131	40715	82268	38551	43500	52708	84920		
Prestwick	135	00000	50040	39856	00900	58712			
Renfrew	141	50000	08464	40155	55600	56715	85640		
Leuchars	171	83105	32041	40255	856//	57808	88647		
Dyce	091	00000	37041	42260	00900	62604			
Wick	075	02803	86020	41257	00900	62701			
Cape Wrath	049	01802	86020	41351	00900	54400			
Sule Skerry	010	22702	82020	40703	26600	52702	82730		
Lerwick	005	42707	82020	39701	456//	00804	84645		
Stornoway	026	03003	87021	41855	00900	57801			
Benbecula	022	51302	85012	41251	55600	55301	85640		
Tiree	100	11111	86030	40751	11500	56001	81820		
Aldergrove	917	10000	59021	38454	15600	56809	81630		
Malin Head	980	01412	80020	38951	00900	56803			
Belmullet	976	00912	74020	36352	00900	55804			
Birr	965	00907	74020	35253	00900	56706			
Collinstown	969	70915	80031	35550	756//	57810	87632		
Rineanna	962	10612	69010	33853	15600	56707	81640		
Roches Point	952	70927	74021	30800	755//	58712	87628		
Valentia	953	01006	69020	31551	00900	56803			

OBSERVATIONS at 06h. 18 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	50215	60022	28754	555/1	55714	85620		
772	00615	56011	29354	00900	58715			
776	30713	74031	28555	35500	59716	83626		
871	00718	74020	27155	00900	59718			
862	00707	62020	26556	00900	57716			
894	10731	69020	20452	11500	60716	81820		
590	70612	60022	30754	755//	58821	87626		
497	80716	62022	31251	855//	53711	88624		
578	80803	58022	31254	856//	57718	88632		
559	70310	59021	31056	756//	58716	87635		
485	70709	69022	31253	756//	57722	87633		
462	70607	62018	32055	756//	56719	87634		
746	00723	60020	28757	00900	59712			
627	70703	60021	30456	755//	58613	87625		
628	00617	62020	29656	00900	60714			
502	40711	62031	30454	45500	58711	84628		
715	00719	66020	27956	00900	58815			
827	10720	62020	23755	15600	57717	81630		
707	00622	62010	26555	00900	59722			
817	00618	66020	23957	00900	60819			
809	50731	66012	21453	554//	56727	85618		
804	30730	59031	20351	32400	54721	83812		
534	30405	56227	31256	35600	58719	83640		
414	00203	56011	32160	00900	62716			
334	30809	58038	32354	35600	56720	83635		
318	60306	60031	33153	65500	55720	86625		
302	00508	56048	32553	00900	55717			
204	70609	74038	33901	785//	52816	83825	86637	
222	70000	56718	35454	755//	54819	83628	86640	
354	00000	40018	32759	00900	60717			
396	60908	63032	32250	35550	53823	83625	83360	
360	73606	56038	32655	756//	57720	83644	87657	
261	83206	48858	33552	885//	53822	83820	88645	
262	80533	61688	33603	8062/	00727	88540		
162	80207	56717	36550	855//	51818	84712	88628	
131	40615	81012	37051	49500	54700	84920		
135	20000	56041	37055	25500	57713	82622		
141	60000	32044	38255	756//	56710	86645		
171	73206	58041	38454	756//	56505	87640		
091	83305	48041	40455	856//	59606	88640		
075	02805	86020	40057	00900	59503			
049	22302	86030	40451	21600	54202	82630		
010	52702	82031	39903	2668/	53203	82730	85630	
005	73008	80022	38903	756//	01602	87637		
026	23103	87030	40556	15630	57806	81645		
022	10000	86012	40053	15600	54804	81645		
100	00410	86020	38854	00900	57811			
917	10507	62010	35552	12500	53809	81825		
980	60922	80011	36503	625//	51712	86823		
976	70712	78031	34151	756//	54714	87642		
965	80405	66227	32052	5567/	54716	85640	88460	
969	30721	80017	32001	35500	56715	83627		
962	70614	69032	30452	756//	54718	87630		
952	80827	74037	27301	856//	56721	88631		
953	60614	69038	27951	62500	56714	86822		

OBSERVATIONS during NIGHT

iii	RRT T_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97546	56	+	ps_o
772	97556	57	+	is_o
776	00577	60	+	+
871	00566	58	+	+
862	00576	59	+	+
894	00543	55	+	+
590	97565	58	ps_oir_o	ps_o
497	00533	55	+	+
578	97596	63	ps_o	is_o
559	97627	68	+	+
485	97577	61	ps_o	ps_o
462	91557	60	ps_o	ps_o
746	00577	59	+	+
627	00577	61	+	+
628	00577	59	+	+
502	00556	57	+	+
715	00576	58	+	+
827	00553	57	+	+
707	00553	57	+	+
817	00573	58	+	+
809	00550	55	+	+
804	00533		+	+
534	91607	65	$s_os_ois_o$	$s_os_ois_o$
414	97607	65	$ps_os_os_o$	+
334	97557	58	ps_o	is_o
318	97566	61	$ifis_o$	$s_os_ois_o$
302	97545	58	ps_o	s_os_o
204	97535	53	ps_o	$ps_os_os_o$
222	01577	60	ps_o	$ps_osss_os_o$
354	97599	68	ps_o	ps_o
396	00517		+	+
360	97569	57	ps_o	+
261	92557	56	is_o	ps_ois_o
262	01015	51	ps_o	ps_oprs
162	96577	61	is_o	s_os_o
131	00523			
135	00583	64	+	+
141	00573	61	FFff	+
171	00597	62	+	+
091	00629	63	+	+
075	00596	59	+	+
049	00533	58	+	+
010	00013	53		
005	97007	52	+	id_o
026	00563	58	+	+
022	00565	61	+	+
100	00553	61	+	+
917	00565	62	+	+
980	00020	54	/	/
976	97543	57	/	/
965	97545	58	/	/
969	97513	53	/	/
962	00553	56	/	/
952	97003	51	/	/
953	97523	54	/	/

CONVE TAB °C to

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

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60619	33000	80116	75022	14701	855//	00818	/////	/////	06155	10123	1////
B	60565	51000	92741	09737	08855	910//	00808	89102	/////	06458	1////	1////
C	60528	35500	43225	65018	11503	45500	00108	84620	/////	05700	13347	1////
D	60440	41000	83428	63168	24300	72500	00214	87830	/////	05701	13447	1////
I	60583	16700	81828	98022	32006	856//	63502	88630	/////	05750	11836	1////
J	60521	19700	81127	98258	21808	885//	00316	83825	88640	05602	11149	1////
K	60453	14900	80850	56026	04209	855//	21707	88623	/////	05704	15749	11059
M	63641	02100	72715	65011	32307	75500	00712	87620	/////	05103	12733	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	32906	80333	30697	07902	874//	00735	/////	/////	05800	10348	1////
B	60565	51006	82936	37717	11255	873//	00317	88707	/////	06456	17852	1////
C	65027	35506	13405	67020	12003	11500	00301	81825	/////	05955	13146	1////
D	60440	41006	62944	63808	25007	62500	00305	86820	/////	05801	13059	1////
I	60585	17506	71727	98022	30208	756//	72501	82630	85650	05501	11838	11414
J	60522	19806	71231	98012	19908	756//	00307	87630	/////	05751	11249	11049
K	60454	14606	80644	60022	01208	855//	21716	88626	/////	05900	15749	11056
M	63651	02106	72722	65021	29407	75400	83618	87615	/////	00003	12734	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36948

Date of Issue Saturday 19 January 1963

Code FM 11.A — OBSERVATIONS at 12h. 18 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	20516	33058	27052	21500	57816	81820		
London Airport	772	20618	58027	27451	21500	56813	82825		
Gatwick	776	20714	74020	26352	21500	57715	82825		
Thorney Island	871	00717	80020	26652	00900	57816			
Hurn	862	00614	74010	24652	00900	57716			
Guernsey	894	00734	74010	19051	00900	61808			
Wattisham	590	60606	70031	28151	65600	56820	86630		
Gorleston	497	70510	60707	28201	784//	52722	82819	87626	
Mildenhall	578	40302	62037	28851	45600	55715	84630		
Cardington	559	00406	59021	28853	00900	56716			
West Raynham	485	80410	09721	28750	855//	51817	88620		
Wittering	462	60407	61038	29751	65600	55715	86630		
Boscombe Down	746	10719	69020	26453	15600	57715	81630		
Ross-on-Wye	627	10608	60020	28053	15600	58815	81630		
Bristol	628	10620	66030	27053	15700	57714	81650		
Aberporth	502	10918	69020	28052	18500	57709	81820		
Rhoose (Cardiff)	715	10722	69010	26053	11500	54712	81820		
Plymouth	827	10720	66020	21252	11600	57715	81820		
Chivenor	707	10617	74020	24552	11500	56808	81822		
St. Mawgan	817	20820	74030	21353	22500	59808	82820		
Culdrose	809	70837	62022	18951	754//	56711	84708	87618	
Scilly	804	80931	58268	18051	854//	52808	88612		
Elmdon	534	10408	34042	29254	15700	57714	81650		
Shawbury	414	20709	56021	29952	25600	56812	82640		
Manchester	334	60808	37017	30101	68500	54813	82828	85640	
Squires Gate	318	60809	56047	31401	684//	52707	85818	84656	
Valley	302	20813	61017	30900	25600	53703	82635		
Ronaldsway	204	30922	69018	31703	38400	51507	81712	83818	
Carlisle	222	40505	62258	34101	38540	01807	82708		
Watnall	354	30509	28041	30151	35600	54715	83635		
Spurn Head	396	60716	59268	29901	63500	55718	84920	84825	
Finningley	360	73608	58041	31200	785//	52816	83825	87635	
Dishforth	261	30208	82018	32402	33430	53809	82915		
Tynemouth	262	40920	74028	34105	42600	00004	84835		
Eskdalemuir	162	80512	62717	36001	855//	51001	83711	88624	
Mull of Galloway	131	60920	80267	32702	3957/	01723	83920	85360	
Prestwick	135	70414	60041	35101	5853/	54709	81825	85630	
Renfrew	141	60205	12041	36101	656//	55712	86645		
Leuchars	171	70416	74151	36501	794//	53716	82918	86650	
Dyce	091	23308	66012	39150	25600	53710	81715		
Wick	075	42805	83030	39952	45600	55703	84630		
Cape Wrath	049	20902	86020	40102	25600	54705	82630		
Sule Skerry	010	23602	84010	40104	21600	0020o1	82830		
Lerwick	005	73506	80022	39902	755//	51301	87625		
Stornoway	026	11106	89021	40602	11600	55804	81830		
Benbecula	022	10807	89020	39202	15600	54710	81630		
Tiree	100	60513	89021	37301	656//	53813	86642		
Aldergrove	917	70620	62707	32702	755//	51818	81712	83615	87635
Malin Head	980	70821	89022	34703	785//	52814	83827	87645	
Belmullet	976	70617	69031	31602	785//	51819	83821	87630	
Birr	965	70616	80021	28451	756//	52823	87637		
Collinstown	969	70917	20718	29701	773//	51814	85706	87711	
Rineanna	962	30622	69032	27101	35600	56723	83630		
Roches Point	952	70826	74022	24301	725//	55719	87822		
Valentia	953	10619	69011	24600	12500	55822	81824		

OBSERVATIONS at 18h. 18 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	80521	60858	23952	884//	56506	87818	88630	
London Airport	772	70526	58037	24252	755//	57506	87623		
Gatwick	776	80623	40717	23353	854//	53507	88613		
Thorney Island	871	70607	69701	22552	754//	56711	87619		
Hurn	862	70511	62031	21752	756//	53710	87636		
Guernsey	894	00830	66020	17051	00900	56503			
Wattisham	590	60717	62028	26854	56600	58309	86625		
Gorleston	497	70828	62038	28452	755//	58008	87620		
Mildenhall	578	50913	66858	27853	58500	57312	82825	84636	
Cardington	559	20519	60387	26654	25500	56400	82626		
West Raynham	485	60825	58368	28354	685//	58106	81820	85630	
Wittering	462	10818	66367	28354	15600	57309	81630		
Boscombe Down	746	70607	56021	23353	755//	57713	87621		
Ross-on-Wye	627	80615	60028	24051	865//	55709	88720		
Bristol	628	70510	61021	24151	754//	54712	87618		
Aberporth	502	70713	59018	24500	785//	53806	83820	87635	
Rhoose (Cardiff)	715	70715	56031	22852	755//	55709	87625		
Plymouth	827	00615	59020	18651	00900	55603			
Chivenor	707	00812	61010	21252	00900	56707			
St. Mawgan	817	00715	59020	18953	00900	60704			
Culdrose	809	40840	62021	16000	44500	58502	84635		
Scilly	804	70934	58022	14801	784//	51500	87612		
Elmdon	534	30718	58368	26352	35500	55303	83624		
Shawbury	414	70822	64367	27151	756//	55502	87631		
Manchester	334	50719	59028	28551	54500	54304	85628		
Squires Gate	318	30815	56041	29651	38500	55302	83822		
Valley	302	30815	48042	26601	35500	53712	81620	83645	
Ronaldsway	204	60928	74021	29303	685//	53510	82820	85631	
Carlisle	222	70714	58028	32502	785//	51605	82713	84625	87633
Watnall	354	70819	58858	28953	724//	57310	87818		
Spurn Head	396	60924	57038	29851	63500	54201	83920	84825	
Finningley	360	70911	60028	30851	756//	55309	87633		
Dishforth	261	70607	74038	32351	784//	56207	81818	87632	
Tynemouth	262	70927	66168	33602	755//	52303	87625		
Eskdalemuir	162	90611	28757	33901	9/0//	00606	89/00		
Mull of Galloway	131	60925	80022	30903	695//	00706	86920		
Prestwick	135	10309	56021	32702	15600	50710	81625		
Renfrew	141	70611	28808	34102	785//	01710	81715	83825	85635
Leuchars	171	70412	66838	35102	794//	01705	83712	87918	
Dyce	091	73606	37801	37700	784//	51201	82710	83819	85627
Wick	075	80811	66606	37903	855//	02706	84620	88630	
Cape Wrath	049	60902	86031	38903	645//	51707	86625		
Sule Skerry	010	83605	82032	39005	865//	01704	88725		
Lerwick	005	70108	69022	39703	757//	50204	87650		
Stornoway	026	70809	80031	39002	7095/	51707	87359		
Benbecula	022	10610	86020	37101	15700	54606	81656		
Tiree	100	60516	89031	35002	656//	54607	81630	86647	
Aldergrove	917	20721	74017	30102	25600	51712	81710		
Malin Head	980	30627	80018	32004	32500	00506	83825		
Belmullet	976	40615	74037	28501	42500	52802	84821		
Birr	965	60412	77038	25700	656//	53714	86633		
Collinstown	969	50826	69012	27003	58500	54607	84826	85640	
Rineanna	962	10715	74021	24400	15600	56606	81635		
Roches Point	952	20933	74031	20802	21500	55616	82822		
Valentia	953	11025	72020	20100	12500	56612	81824		

OBSERVATIONS during DAY

Station	iii	RRT T L E x x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97506	042	ps_o	ps_o
London Airport	772	97006	057	+	ss
Gatwick	776	95527	075	+	$s_os_oi_so$
Thorney Island	871	97516	077	+	i_so
Hurn	862	97516	///	+	i_so
Guernsey	894	00013	080	+	+
Wattisham	590	97505	///	ps_o	ps_o
Gorleston	497	97015	021	i_so	+
Mildenhall	578	97016	039	i_so	ps_o
Cardington	559	97517	042	i_so	i_so
West Raynham	485	91009	038	$i_so i_s p_s o$	$p_s o p_s i_s o$
Wittering	462	92007	046	isf	ps_o
Boscombe Down	746	97527	070	+	i_so
Ross-on-Wye	627	97517	058	+	ps_o
Bristol	628	00517	065	+	+
Aberporth	502	97006	062	ps_o	+
Rhoose (Cardiff)	715	00516	077	+	+
Plymouth	827	00513	066	+	+
Chivenor	707	00513	078	+	+
St. Mawgan	817	00513	074	+	+
Culdrose	809	00003	026	+	+
Scilly	804	97021	003	ps_o	+
Elmdon	534	01007	026	$i_s o p_s o$	$k_s o$
Shawbury	414	97017	034	$s_o h_o$	ps_o
Manchester	334	97027	026	i_so	+
Squires Gate	318	97035	030	i_so	+
Valley	302	97025	036	s_os_o	i_so
Ronaldsway	204	97041	028	i_so	+
Carlisle	222	02035	020	$s_os_opr_o$	pr_o
Watnall	354	91008	034	ps_o	$k_s k_s o p_s o$
Spurn Head	396	93027	034	ps	ps
Finningley	360	92029	027	psif	ps_o
Dishforth	261	91026	033	$ps_o pr_o pr_o s_o$	jp
Tynemouth	262	93055	019	prs	pr_o
Eskdalemuir	162	02027	015	$i_s o s_o s_o s s$	SSi_so
Mull of Galloway	131	97031	///		
Prestwick	135	97033	032	+	pr_o
Renfrew	141	97033	004	$pr_o s_o$	pr_o
Leuchars	171	01047	018	$pr_o s_o$	$pr_o s_o pr_o h_o$
Dyce	091	91027	012	+	pr_o
Wick	075	01056	028	ir_o	ir_o
Cape Wrath	049	92053	///	+	ir_o
Sule Skerry	010	00060	///	/	/
Lerwick	005	00036	000	+	+
Stornoway	026	00053	068	+	+
Benbecula	022	00025	071	+	+
Tiree	100	00033	043	+	+
Aldergrove	917	92033	012	i_so	+
Malin Head	980	9705	007	/	/
Belmullet	976	9704	030	/	/
Birr	965	9702	034	/	/
Collinstown	969	9203	026	/	/
Rineanna	962	0002	044	/	/
Roches Point	952	0003	016	/	/
Valentia	953	0003	066	/	/

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	60619	33112	71431	65156	06807	6947/	06308	/////	/////	00105	11448	1////
B	60565	51012	82719	61858	14556	72410	00307	87810	/////	06663	12759	1////
C	60528	35512	10210	69020	11903	10950	00303	81362	/////	05956	13244	1////
D	60440	41012	63237	63858	27705	62500	00214	86820	/////	06152	18150	1////
I	60586	18212	71622	98012	31407	756//	62308	83630	87645	05451	11648	1////
J	60521	19612	70928	97278	19306	734//	00303	82718	88925	05950	16053	1////
K	60451	15512	70640	58808	01206	795//	63805	82923	85823	06303	15649	11056
M	63659	01812	82528	65022	29307	6847/	81210	85810	/////	05104	12635	1////

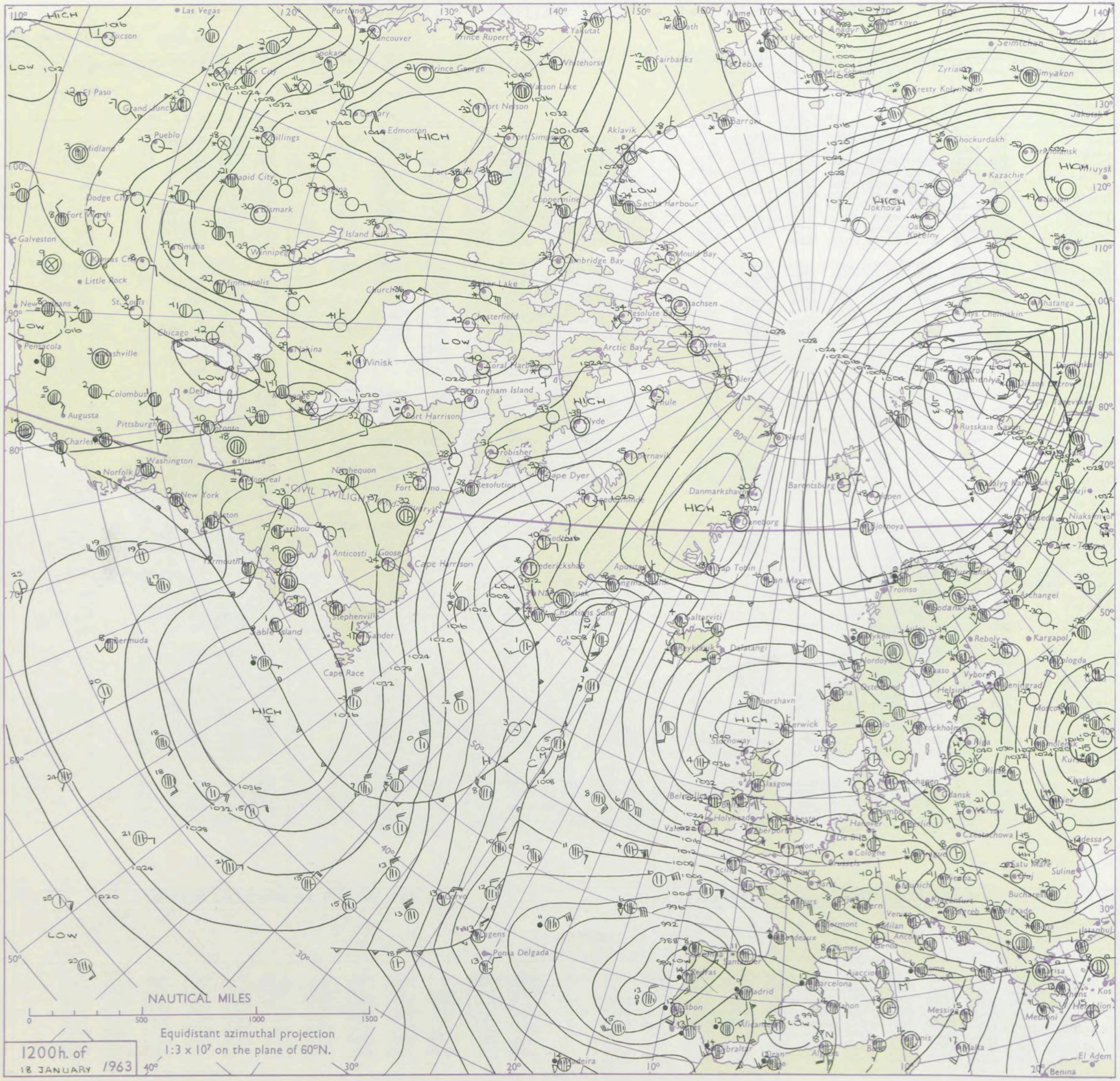
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60621	33118	71628	70022	10205	6647/	00224	/////	/////	05003	11648	1////
B	60565	51018	92924	02868	17658	9/0//	00212	89/02	/////	06858	12848	1////
C	60528	35518	60704	78021	11103	28571	00400	81820	84362	05856	13044	1////
D	60440	41018	72940	61858	28504	725//	00405	87825	/////	06152	17954	1////
I	60587	18818	81520	98212	30607	856//	00704	83630	88640	05501	11537	1////
J	60519	19918	70933	97273	14706	6343/	00507	83630	84918	06051	15953	16251
K	60449	16118	70426	70033	98408	785//	11706	83823	86650	05908	15452	10764
M	63659	01718	82920	65032	30806	855//	00213	88620	/////	05002	12835	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

Drizzle

Rain

Rain

Rain

Snow

Rain

Rain showers

Snow

Hail

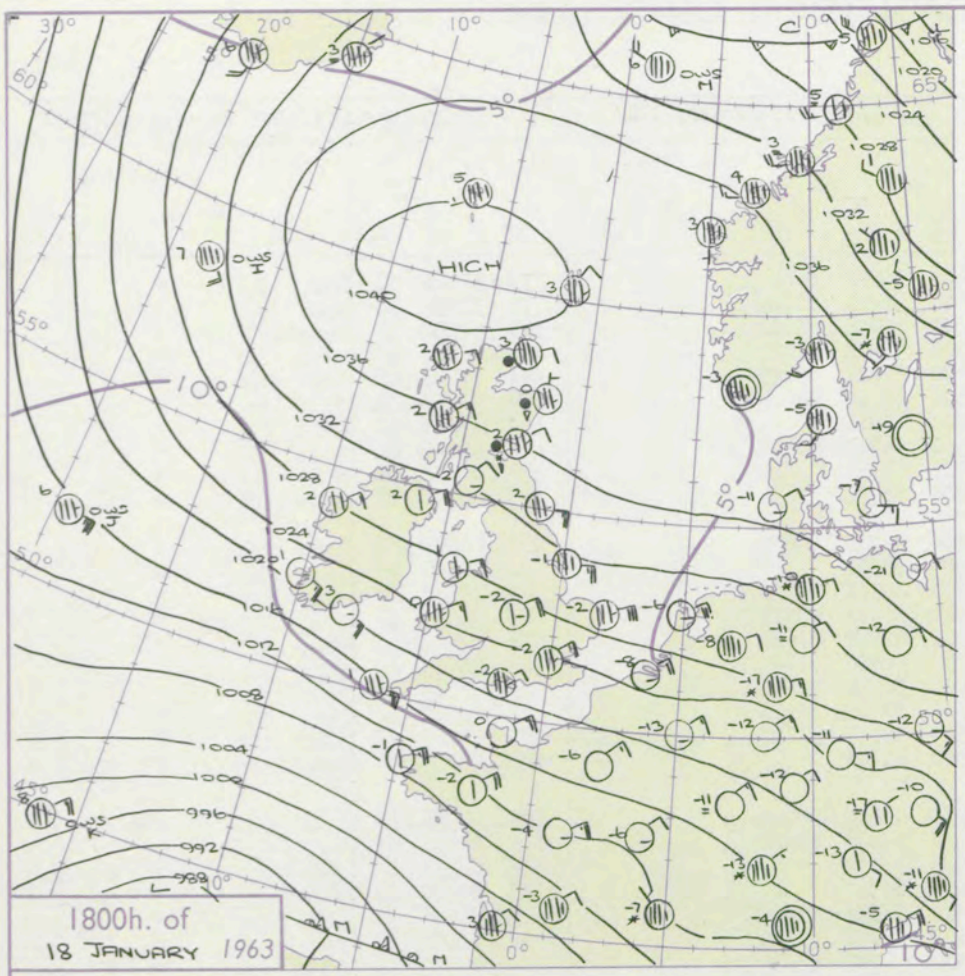
Thunderstorm

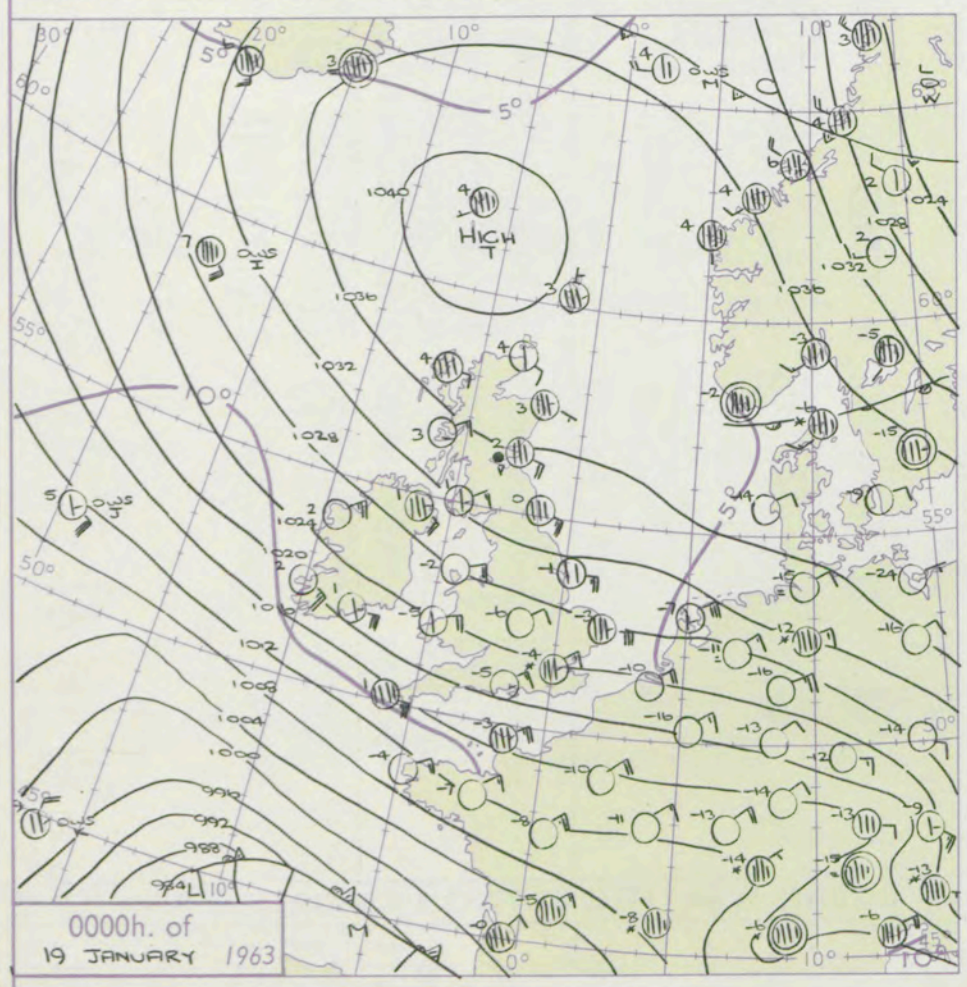
WIND

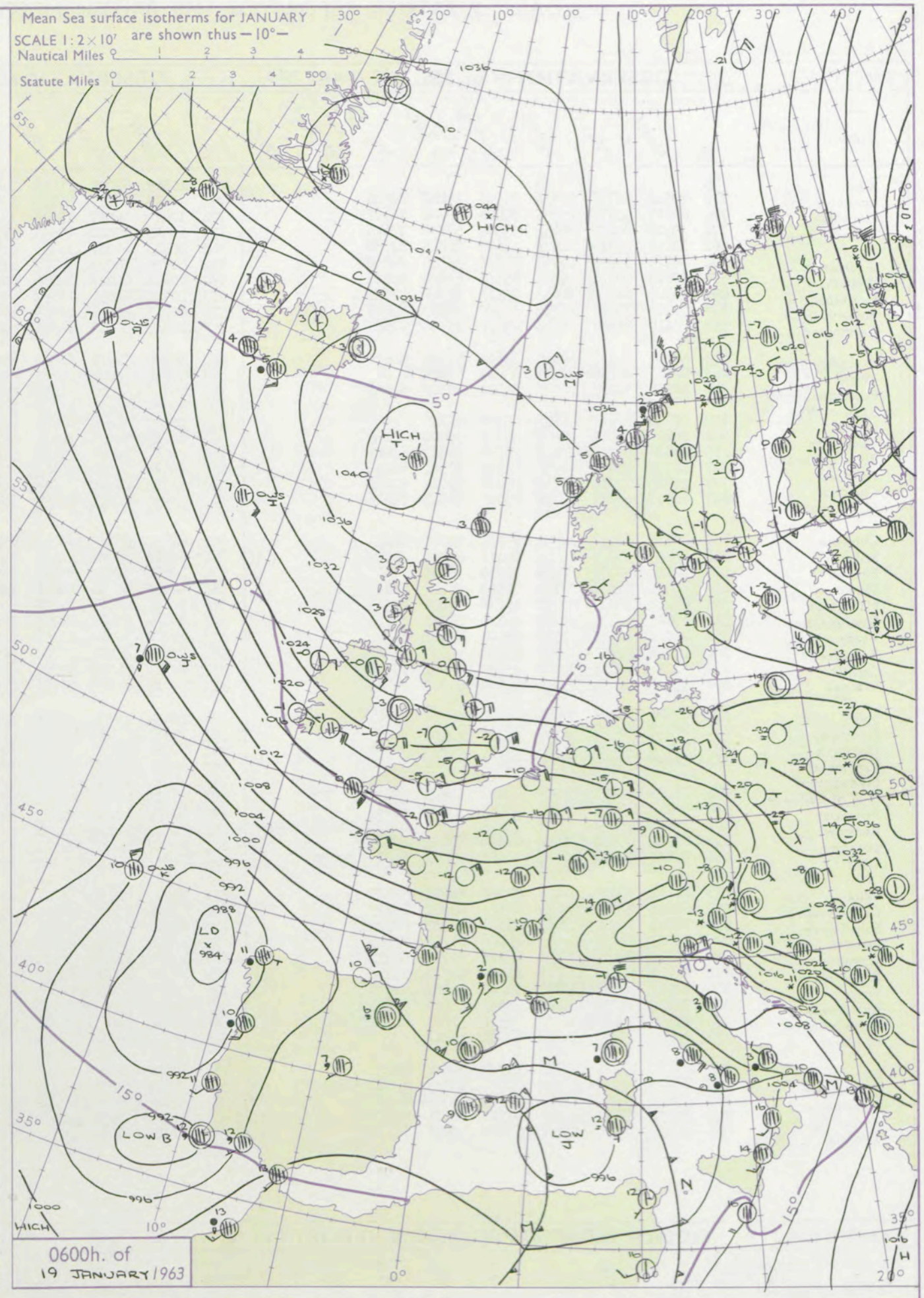
Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 19 January 1963

A cell of high pressure off northern Scotland has been drifting northwards while an anticyclone off the east coast of Greenland has advanced rather south of east towards Norway. A depression off northwest Spain has been slow moving and has become less deep. This depression will move westwards and continue to fill slowly and with the anticyclone moving further into Scandinavia a very cold easterly flow will be maintained over most of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The north and northeast of Scotland will be rather cloudy with scattered showers of rain or snow. Elsewhere in the British Isles there will be sunny periods and scattered snow showers with drifting chiefly in the east and south. Frost will be persistent except in the north and will become very severe at night.

OUTLOOK for following 24 hours.

Very cold or cold with widespread frost and further snow showers, mostly in the east and south.

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

Code FM 11.A — OBSERVATIONS at 00h. 19 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			54					
London Airport	772	70516	56717	24154	755//	57808	87626		
Gatwick	776	60617	59717	23355	65500	59708	86627		
Thorney Island	871	30719	80037	22455	35500	50808	33625		
Hurn	862	10614	66017	22055	15600	56805	81650		
Guernsey	894	80728	66031	16752	757//	58704	88650		
Wattisham	590	80815	20721	26555	855//	59806	88622		
Gorleston	497	70928	62032	28653	755//	58702	87620		
Mildenhall	578	50914	74018	27354	55500	59709	85627		
Cardington	559	70417	61367	26655	756//	56306	87640		
West Raynham	485	10618	74037	28255	15600	59704	81630		
Wittering	462	00812	66018	28456	00900	60502			
Boscombe Down	746	10918	59027	24255	15500	59103	81625		
Ross-on-Wye	627	10615	70021	23556	15500	60712	81625		
Bristol	628	00715	61011	25055	00900	62705			
Aberporth	502	20820	59021	24955	25600	59000	82635		
Rhoose (Cardiff)	715	20828	59011	23455	25500	58803	82625		
Plymouth	827	60730	64031	18753	65600	57301	83634		
Chivenor	707	20620	62010	21754	25600	59004	82640		
St. Mawgan	817	60818	66011	19154	65500	59303	86628		
Culdrose	809	80735	66032	16552	855//	55205	88620		
Scilly	804	80935	58032	14001	854//	01701	88612		
Elmdon	534	00712	66018	27256	00900	58703			
Shawbury	414	30815	61858	28154	32500	56608	83823		
Manchester	334	80718	58027	29052	65671	54104	86635	88359	
Squires Gate	318	80816	60021	29951	856//	56703	88636		
Valley	302	00820	48041	27952	00900	55211			
Ronaldsway	204	40933	80021	29700	45600	53002	84637		
Carlisle	222	31011	62021	33651	35600	56001	83638		
Watnall	354	40717	74038	29054	44500	59802	84645		
Spurn Head	396	40924	59012	30051	55500	56002	85625		
Finningley	360	60812	66018	30753	656//	57803	86641		
Dishforth	261	80811	82032	31851	856//	56804	88635		
Tynemouth	262	61027	74022	33700	656//	55101	86630		
Eskdalemuir	162	70503	62032	33653	755//	55806	87625		
Mull of Galloway	131	21134	80011	30202	25600	51703	82630		
Prestwick	136	30816	66018	32901	35600	53003	83630		
Renfrew	141	70816	59048	34202	754//	51305	82618	85623	87640
Leuchars	171	61018	66008	35402	685//	50205	85820		
Dyce	091	71003	74038	37305	784//	01201	82815	87630	
Wick	075	21110	80026	37404	25500	01605	82625		
Cape Wrath	049	60918	83506	36405	665//	02202	86725		
Sule Skerry	010	80813	74022	37806	865//	04707	88720		
Lerwick	005	73607	74021	39503	756//	01701	87645		
Stornoway	026	60912	74022	37204	656//	02711	86630		
Benbecula	022	10713	86020	35202	15700	00710	81650		
Tiree	100	10517	86021	33503	15600	51708	81635		
Aldergrove	917	71320	74031	29801	755//	53802	87621		
Malin Head	980	61130	74258	30704	635//	51605	86922		
Belmullet	976	00625	69011	24502	00900	52717			
Birr	965	10723	77021	24251	15600	55804	81633		
Collinstown	969	80926	66022	26600	885//	56707	83822	88630	
Rineanna	962	30825	74031	23000	35600	56301	83640		
Roches Point	952	30931	69011	20301	35500	56001	83627		
Valentia	953	01024	74020	19102	00900	55003			

OBSERVATIONS at 06h. 19 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	10319	62028	21155	16400	58822	81716		
London Airport	772	10418	66017	21755	15500	58721	81625		
Gatwick	776	10417	66027	19654	15500	59725	81627		
Thorney Island	871	10414	82020	19555	11500	58718	81825		
Hurn	862	20413	66037	19355	25500	56717	82625		
Guernsey	894	40725	74021	15752	42500	58810	84820		
Wattisham	590	00618	64027	24155	00900	60816			
Gorleston	497	20728	62031	26152	25500	58713	82624		
Mildenhall	578	00713	69021	24855	00900	58717			
Cardington	559	00317	60023	24356	00900	58716			
West Raynham	485	10720	74031	26354	15500	59813	81625		
Wittering	462	00714	62023	26656	00900	59711			
Boscombe Down	746	20727	59027	21456	25500	60717	82626		
Ross-on-Wye	627	10615	70021	23556	15500	60712	81625		
Bristol	628	20520	62018	22756	25500	61717	82625		
Aberporth	502	10818	59020	24156	15600	60808	81635		
Rhoose (Cardiff)	715	10631	66020	21256	11400	59714	81815		
Plymouth	827	60619	62021	18155	655//	57802	86629		
Chivenor	707	10720	66020	20655	15500	59607	81620		
St. Mawgan	817	00722	66011	18556	00900	61702			
Culdrose	809	80832	66022	16051	855//	55603	88620		
Scilly	804	81032	58022	14500	854//	53302	88618		
Elmdon	534	00608	69021	25657	00900	59712			
Shawbury	414	00609	66028	26956	00900	60810			
Manchester	334	10809	66021	27753	15500	58810	81620		
Squires Gate	318	30606	66011	28753	35600	57710	83640		
Valley	302	20000	56040	27353	21500	56709	82825		
Ronaldsway	204	70832	74021	28300	785//	55814	81820	87635	
Carlisle	222	60710	66011	32251	685//	55710	81712	85633	
Watnall	354	10716	69020	27756	15500	59712	81625		
Spurn Head	396	50821	59012	28301	51600	53514	85830		
Finningley	360	10609	66021	29355	15600	59710	81638		
Dishforth	261	81009	83037	30151	856//	56812	88639		
Tynemouth	262	51025	74022	32400	556//	55811	85630		
Eskdalemuir	162	70503	62032	33653	755//	55806	87625		
Mull of Galloway	131	41122	80032	29700	45600	00706	84630		
Prestwick	135	40714	70030	32351	35530	52709	81625	83640	
Renfrew	141	71010	82022	33200	756//	55709	87640		
Leuchars	171	60914	74018	34301	695//	53709	81920	83827	85640
Dyce	091	80802	74022	36102	855//	52710	88625		
Wick	075	50003	80030	35701	556//	50815	85630		
Cape Wrath	049	50909	83025	35804	555//	01727	85625		
Sule Skerry	010	80909	82026	36706	865//	05711	88725		
Lerwick	005	83608	69025	37705	856//	01713	88645		
Stornoway	026	10811	82021	35903	15600	01708	81640		
Benbecula	022	10808	86020	33803	15600	50812	81640		
Tiree	100	30707	86030	32603	35500	53607	82627		
Aldergrove	917	71114	74022	29550	755//	52706	87629		
Malin Head	980	31133	74031	29702	32500	55702	83825		
Belmullet	976	20809	80010	26250	22400	55001	82819		
Birr	965	50816	74021	24352	555//	56505	85622		
Collinstown	969	61025	74031	26351	4853/	57711	82825	84635	86359
Rineanna	962	20924	80021	22252	22500	57804	82820		
Roches Point	952	50929	69031	20051	55600	58804	85630		
Valentia	953	00917	74020	18351	00900	58809			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97556	56	ps_o	+
London Airport	772	97556	56	s_os_o	+
Gatwick	776	97557	58	$s_os_ois_o$	+
Thorney Island	871	00566	58	+	+
Hurn	862	97566	58	is_o	+
Guernsey	894	00533	54	+	+
Wattisham	590	97565	57	is_o	+
Gorleston	497	00545	56	+	+
Mildenhall	578	00556	58	+	+
Cardington	559	00577	58	+	+
West Raynham	485	00557	59	ks_o	+
Wittering	462	00567	60	+	+
Boscombe Down	746	97567	59	is_o	+
Ross-on-Wye	627	00577	58	+	+
Bristol	628	97567	57	ps_o	+
Aberporth	502	00566	58	+	+
Rhoose (Cardiff)	715	00566	57	+	+
Plymouth	827	00563	58	+	+
Chivenor	707	00553	57	+	+
St. Mawgan	817	00573	58	+	+
Culdrose	809	97563	56	+	is_o
Scilly	804	00533	//	+	+
Elmdon	534	00577	60	ps_o	+
Shawbury	414	97577	60	$ps_os_os_o$	+
Manchester	334	97546	56	is_o	+
Squires Gate	318	00555	57	+	+
Valley	302	00543	59	+	+
Ronaldsway	204	00513	51	+	+
Carlisle	222	00515	54	+	+
Watnall	354	97579	59	ks_ops_o	+
Spurn Head	396	00515	//	+	+
Finningley	360	00557	59	+	+
Dishforth	261	97536	55	is_o	+
Tynemouth	262	00015	51	+	+
Eskdalemuir	162	00537	55	+	+
Mull of Galloway	131	00003	//	/	/
Prestwick	135	00523	56	+	+
Renfrew	141	00503	51	+	+
Leuchars	171	91507	51	pr_o	+
Dyce	091	00017	50	+	+
Wick	075	94015	52	+	ir_o
Cape Wrath	049	01031	01	ir_o	ir_o
Sule Skerry	010	91051	53	/	/
Lerwick	005	93516	50	ir_o	ir_oprh_o
Stornoway	026	00033	51	+	+
Benbecula	022	00005	56	+	+
Tiree	100	00013	51	+	+
Aldergrove	917	00515	52	+	+
Malin Head	980	97000	00	/	/
Belmullet	976	00513	52	/	/
Birr	965	00535	56	/	/
Collinstown	969	00513	52	/	/
Rineanna	962	00533	54	/	/
Roches Point	952	00513	52	/	/
Valentia	953	00523	53	/	/

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	70620	33800	81434	70808	13407	894//	00209	/////	/////	00104	11448	1////
B	70565	51000	82733	14858	22858	824//	00222	88812	/////	05860	12747	1////
C	70527	35500	82706	65022	11903	21660	00400	82835	86356	05850	13044	1////
D	70440	41000	73240	61858	30404	725//	00112	87825	/////	06301	18052	1////
I	70589	18900	81430	98022	29907	856//	00506	88645	/////	05501	11437	1////
J	70520	19900	31029	98038	10905	22501	11714	82825	/////	06250	16052	1////
K	70448	16300	53621	65028	98209	52500	11704	85823	/////	05802	13633	10458
M	73660	01900	42718	65012	35004	85550	00218	83625	/////	05550	12634	13243

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	70621	33206	71430	70218	10707	57471	00311	/////	/////	00204	10450	1////
B	70565	51006	32715	63268	25356	52400	00207	83815	/////	06862	12746	1////
C	70528	35506	72928	59858	09902	57421	00614	86218	87458	05952	12849	1////
D	70440	41006	83242	61858	27704	825//	00714	88825	/////	06151	18152	1////
I	70587	18706	71130	98258	26607	63561	31714	84920	84640	05504	11330	14976
J	70522	19706	81032	96808	07607	834//	00509	88915	/////	05804	16053	1////
K	70450	16106	63423	65011	96010	65700	11710	86656	/////	05603	13635	10458
M	73660	02006	30217	65030	37703	35500	00306	83820	/////	05354	13633	12642

CONVE TAB °C t

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36949

Date of Issue Sunday 20 January 1963

OBSERVATIONS at 12h. 19 January 1963

Code FM 11.A

RSION LE °F	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	10325	66020	15252	11500	62738	81828		
102	London Airport	772	10426	59020	16352	11500	58735	81825		
100	Gatwick	776	30527	66030	14852	25501	61728	82825		
99	Thorney Island	871	20524	74030	13651	21400	58834	82818		
97	Hurn	862	10420	74030	14553	11500	54725	81820		
95	Guernsey	894	70624	40858	11654	724//	59717	85712	87816	
93	Wattisham	590	10522	74010	18653	11500	59834	81820		
91	Gorleston	497	20730	58050	21452	22500	56829	82820		
90	Mildenhall	578	20726	69020	20252	21500	58734	82820		
88	Cardington	559	10323	60030	19753	11500	55834	81825		
86	West Raynham	485	30527	74360	22253	32500	57833	83822		
84	Wittering	462	20628	74360	21652	22500	57732	82820		
82	Boscombe Down	746	10523	66020	17154	11400	59725	81815		
81	Ross-on-Wye	627	10515	66020	19553	11500	59731	81825		
79	Bristol	628	00425	69020	18953	00900	60828			
77	Aberporth	502	10719	66030	21853	11500	58817	81825		
75	Rhoose (Cardiff)	715	10925	74020	19053	11500	58713	81820		
73	Plymouth	827	10525	66011	13253	15600	59842	81630		
72	Chivenor	707	10624	74020	16952	11500	58728	81820		
70	St. Mawgan	817	10622	66020	16253	15400	61718	81618		
68	Culdrose	809	50630	78017	13853	52400	57809	81710	85818	
66	Scilly	804	40726	61031	15153	48400	57501	81812	83618	
64	Elmdon	534	10620	60020	21353	11500	55729	81825		
63	Shawbury	414	10618	69030	23652	18500	57823	81825		
61	Manchester	334	50521	58851	24352	52500	55826	85822		
59	Squires Gate	318	10724	61020	25950	18500	53825	81820		
57	Valley	302	30720	62030	25350	35600	56820	83630		
55	Ronaldsway	204	50726	80031	27301	52500	57814	85822		
54	Carlisle	222	20415	74011	29800	28500	52821	81825		
52	Watnall	354	70722	58858	23352	725//	56733	87820		
50	Spurn Head	396	60925	59032	24800	62600	56725	86830		
48	Finningley	360	50718	69268	25951	58500	56824	83828	83635	
46	Dishforth	261	70614	82031	27951	785//	55818	81820	87635	
45	Tynemouth	262	60823	74022	30401	625//	55710	86825		
43	Eskdalemuir	162	30511	70011	31602	35600	55814	83630		
41	Mull of Galloway	131	61124	78032	28900	635//	00712	86925		
39	Prestwick	135	20718	70020	30250	25600	55619	82635		
37	Renfrew	141	70709	28042	31701	756//	51714	82630	87635	
36	Leuchars	171	70812	80022	32002	785//	52817	85825	87635	
34	Dyce	091	83406	56228	33701	854//	50717	83618	88625	
32	Wick	075	80908	74028	33904	855//	03713	81620	88630	
30	Cape Wrath	049	80909	83036	34304	885//	03711	88625		
28	Sule Skerry	010	80705	81032	34907	3357/	04708	83920	88360	
27	Lerwick	005	80610	66278	35904	834//	01720	81915	83818	88640
25	Stornoway	026	70906	80021	34304	755//	02812	82624	87632	
23	Benbecula	022	20707	85020	32804	25601	51809	82635		
21	Tiree	100	70815	86031	31603	6856/	52811	83820	85635	
19	Aldergrove	917	61218	66152	28500	684//	51810	84818	85630	
18	Malin Head	980	71033	83021	29302	785//	55811	83825	87640	
16	Belmullet	976	60925	80021	25200	625//	55814	86828		
14	Birr	965	10815	82031	24551	18500	56807	81820		
12	Collinstown	969	50925	80021	25500	52500	59709	85826		
10	Rineanna	962	10827	82030	22450	11500	61809	81822		
9	Roches Point	952	20928	74011	20401	21500	57805	82825		
7	Valentia	953	11318	80020	19401	11500	57005	81826		

OBSERVATIONS at 18h. 19 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
775	90322	09737	08655	9/0//	57720	89/01		
772	80516	18717	08555	6557/	57732	86620	88458	
776	80612	19717	08156	856//	57717	88631		
871	80715	40707	07555	3557/	59620	83625	88460	
862	80418	69707	07854	7855/	55729	84820	86628	88359
894	70722	48858	06354	784//	55721	84810	87815	
590	80920	11717	10856	855//	56619	84709	88620	
497	71030	60021	12751	3557/	52619	83620	87360	
578	81023	59717	11153	855//	58626	86625	88640	
559	90520	09853	10554	9/0//	55740	89/02		
485	60637	56393	11452	3567/	56740	83645	86359	
462	80730	61383	12252	856//	56742	88640		
746	80516	19738	08555	854//	57738	88615		
627	80521	57021	10252	865//	58750	88720		
628	80317	58701	10553	854//	56742	88618		
502	20628	66020	14052	28500	55838	82822		
715	80424	60702	10553	5563/	57740	85635	88358	
827	60520	58031	09253	655//	57818	86625		
707	70520	69031	11252	3553/	57732	83625	87359	
817	50417	62031	11454	21530	58716	82820	84360	
809	70420	66031	11953	2547/	62602	82618	83358	
804	30924	63021	10851	32500	53710	83823		
534	80425	56021	11352	5557/	55750	85625	88458	
414	70330	62363	14152	50956	56745	85360	87270	
334	40428	59038	16851	34550	55738	83625		
318	10624	48040	18851	15600	56737	81640		
302	30522	66021	19050	35600	55725	83630		
204	10423	74011	21350	15540	54730	81628		
222	60310	66031	24550	6854/	53722	81715	85639	
354	40624	59388	13952	45600	55746	84630		
396	40535	58011	16600	42600	55737	84830		
360	30518	58368	17351	15630	55840	81635	83361	
261	10418	69021	20351	15500	56736	81625		
262	40727	74021	24202	41500	53721	84825		
162	80411	62737	25751	855//	52724	88622		
131	40725	78012	23200	32540	52733	83825		
135	40106	56041	25250	45500	52730	81620	83635	
141	70408	34707	26301	754//	50725	84618	85625	87632
171	80707	24278	26401	893//	01727	84708	88913	
091	73605	56048	28902	785//	00619	81820	87627	
075	80916	80258	30204	6562/	03715	86635	88460	
049	80518	24606	30205	884//	04726	88620		
010	80713	81026	32207	865//	05712	88720		
005	70620	80038	33504	785//	03707	85821		
026	80618	74022	30905	855//	02715	85627	88640	
022	70613	83022	29304	785//	01820	81825	87635	
100	70512	86031	27303	785//	51724	81820	86645	
917	10409	82021	24152	16401	54819	81710		
980	30728	69021	25203	31500	52825	83826		
976	30816	74031	23551	32500	55710	83825		
965	60417	80021	20051	656//	55720	86635		
969	60416	69022	20301	685//	53819	82825	86635	
962	40720	74030	19451	45600	58715	84630		
952	20214	69011	16952	24500	57715	82628		
953	10810	78010	18552	15500	59001	81826		

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	06529	049	ssSS	ss
772	94517	052	+	is_0ss
776	01527	027	$ksis_0$	$ssksss_0s_0$
871	95517	045	+	is_0sis_0
862	91526	///	+	$is_0s_0s_0ss$
894	01528	000	ps_0	$ps_0pss_0s_0$
590	01526	///	+	is_0ss
497	00515	000	+	+
578	95517	058	+	$s_0s_0ssks_0$
559	95527	055	+	s_0s_0
485	00527	058	ks_0kS	kSks
462	97517	061	ks	is_0ks
746	02537	063	+	$ps_0sss_0s_0$
627	02517	069	+	$ssis_0$
628	03537	066	+	$is_0s_0s_0ss$
502	97516	070	+	is_0
715	02527	068	+	s_0s_0ssks
827	97525	057	+	is_0
707	95507	075	+	is_0ss
817	97526	076	+	$is_0s_0s_0$
809	00510	031	+	+
804	00010	035	+	+
534	01517	058	+	s_0s_0ksss
414	97518	062	ks_0	ks_0is_0ks
334	97516	061	ps_0	+
318	00005	066	+	+
302	00013	056	+	+
204	00013	046	+	+
222	00005	056	+	+
354	97519	027	ps_0ks	ks
396	00015	025	+	+
360	97507	033	ps_0ks_0	ks_0
261	00516	006	+	+
262	00025	020	+	+
162	92507	056	+	is_0ss
131	00013	///	/	/
135	97023	065	+	s_0s_0
141	01025	000	+	is_0
171	03037	000	$ps_0pr_0s_0$	r_0s_0ph
091	02037	000	$ph_0s_0s_0ir_0$	$pr_0pr_0s_0$
075	01055	000	ir_0	pr_0pr
049	92051	///	+	is_0
010	01072	///	/	/
005	92055	000	$pr_0ph_0r_0$	pr_0
026	91052	000	+	pr_0
022	00055	063	+	+
100	00043	016	+	+
917	00003	022	+	+
980	0004	017	/	/
976	9702	041	/	/
965	0000	062	/	/
969	0001	034	/	/
962	0001	070	/	/
952	0001	039	/	/
953	0002	063	/	/

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	70620	33012	71427	70802	18405	6947/	00010	/////	/////	05203	11458	1////
B	70565	51012	82708	65858	25558	825//	00102	88825	/////	06965	12735	1////
C	70528	35512	83218	46838	07703	7243/	00814	87815	/////	05902	17951	1////
D	70440	41012	73428	63858	26705	725//	00002	87825	/////	06152	18451	1////
I	70587	18512	71333	98808	25208	6843/	31505	82818	85635	05303	11239	1////
J	70522	19812	81038	96808	05807	884//	00312	84815	88622	06005	16056	1////
K	70455	15612	73222	75012	96811	75500	11110	85620	86656	05507	13258	10455
M	73659	02012	60415	70011	40803	68400	00108	82810	86630	05854	10332	1////

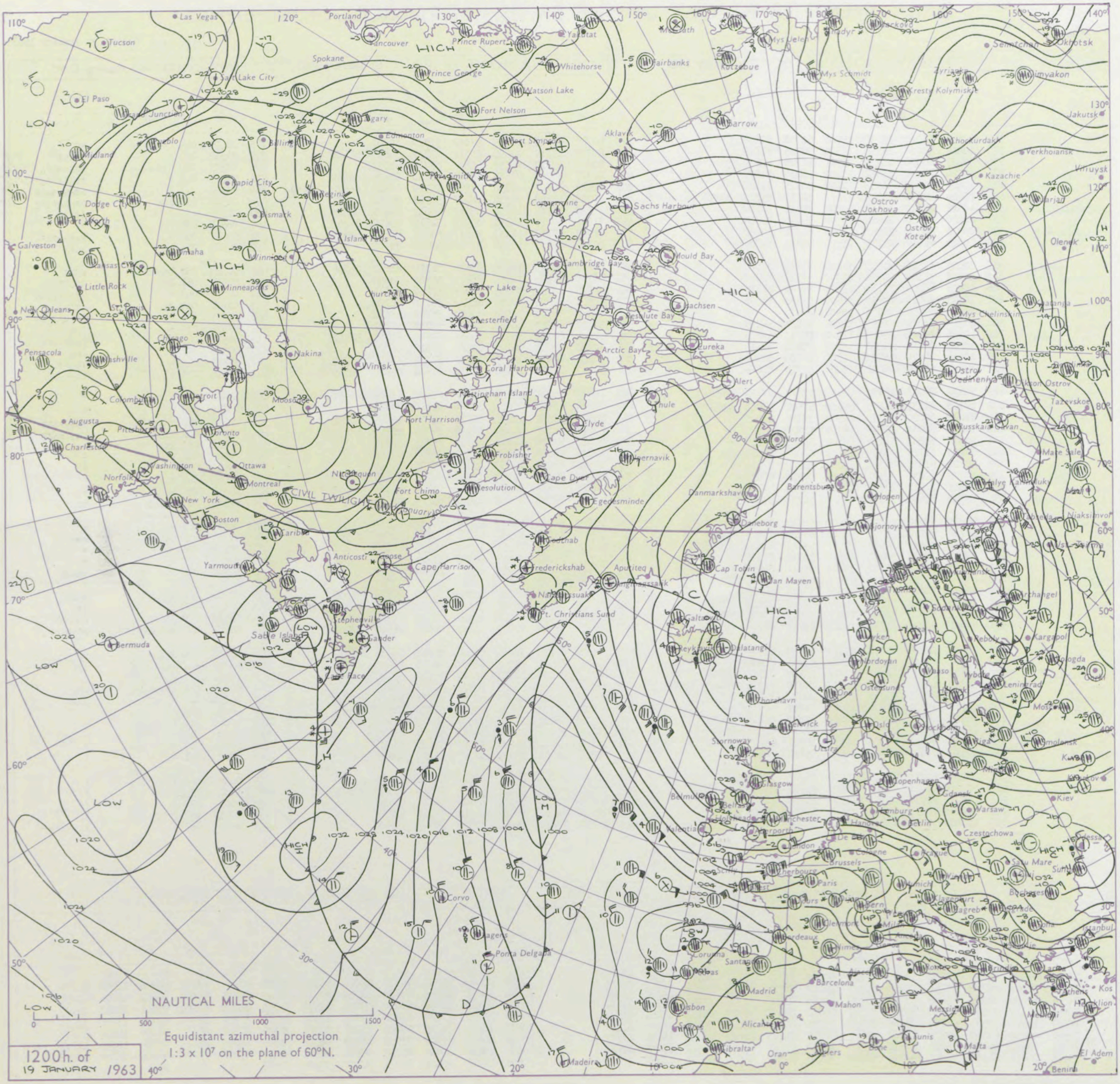
OCEAN WEATHER STATION REPORTS at 18h.

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	70620	33018	71322	70157	16706	4957/	00808	/////	/////	050 4	11358	1////
B	70565	51018	82007	63858	21957	6251/	00625	86825	88458	06862	12734	12032
C	70528	35518	73436	63808	07005	62570	00305	86820	86359	05401	18143	1////
D	70440	41018	83218	63808	21706	825//	00732	87830	88359	06101	13259	1////
I	70585	18318	81435	98028	24407	885//	31306	81820	88630	05450	16440	1////
J	70522	19918	81040	97038	06407	885//	71313	86825	88635	05905	16059	1////
K	70451	15818	62820	80012	97510	48402	51217	83818	/////	05506	100/0	13258
M	73660	02018	30411	70021	42402	35500	00001	/////	/////	0////	1////	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


HIGH
LOW
CIVIL TWILIGHT
Las Vegas
Tucson
Portland
Vancouver
Prince Rupert
Yakutat
Spokane
Salt Lake City
El Paso
Prince George
Whitehorse
Watson Lake
Fort Nelson
Fairbanks
Kotzebue
Barrow
Aklavik
Edmonton
Calgary
Billings
Pueblo
Midland
Rapid City
Dodge City
Bismark
Regina
Galveston
Omaha
Minneapolis
Winnipeg
Little Rock
New Orleans
Pensacola
Nashville
Chicago
Detroit
Toronto
Ottawa
Montreal
Charleston
Washington
Norfolk
New York
Boston
Yarmouth
Anticosti
Cape Harrison
Stephenville
Sable Island
Bermuda
Caribou
Nakina
Winisk
Moosonee
Fort Harrison
Churchill
Baker Lake
Resolution
Fort Chimo
Frobisher
Nottingham Island
Coral Harbour
Resolute
Cambridge Bay
Mould Bay
Sachs Harbour
Arctic Bay
Eureka
Alert
Thule
Clyde
Ivigtut
Cape Dyer
Egedesminde
Godthab
Fredericksdhab
Narssarssuak
Pt. Christians Sund
Angmagssalik
Aputiteq
Jan Mayen
Danmarkshavn
Barentsburg
Bjornoya
Oleborg
Cap Tobin
Reykjavik
Galatang
Thorshavn
Stornoway
Glasgow
Belmullet
Valentia
Shannon
Manchester
Birmingham
London
Cologne
Brussels
Cherbourg
Paris
Shannon
Corunna
Santander
Bilbao
Madrid
Lisbon
Gibraltar
Alicante
Barcelona
Mahon
Oran
Algiers
Tunis
Malta
Ponta Delgada
Lagens
Corvo
Madeira
Bermuda
Mys Schmidt
Mys Uelen
Wrangel
Vladyr
Semitchan
Okhotsk
Yakutsk
Zyrianka
Srednekolymsk
Ostrov Jokhova
Ostrov Kotelny
Ostrov Chelinskin
Ostrov Ushakova
Ostrov Dikson
Ostrov Vize
Ostrov Kusskain
Ostrov Taymyr
Ostrov Tazovskoe
Ostrov Mare Sale
Ostrov Kanin
Ostrov Kolguev
Ostrov Niaksimvol
Ostrov Vaygach
Ostrov Dolgoi
Ostrov Kolguev
Ostrov Kanin
Ostrov Mare Sale
Ostrov Tazovskoe
Ostrov Taymyr
Ostrov Dikson
Ostrov Vize
Ostrov Ushakova
Ostrov Chelinskin
Ostrov Kotelny
Ostrov Jokhova
Ostrov Srednekolymsk
Ostrov Zyrianka
Ostrov Wrangel
Ostrov Vladyr
Ostrov Semitchan
Ostrov Okhotsk
Ostrov Yakutsk
Ostrov Jakutsk
Ostrov Kazachie
Ostrov Verkhoiansk
Ostrov Virkuysk
Ostrov Olenek
Ostrov Jarjan
Ostrov Tanga

CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

OUD
Cloud Amount (oktas)
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1 or less
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ATHER
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VIND
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3–7
8–12
13–17
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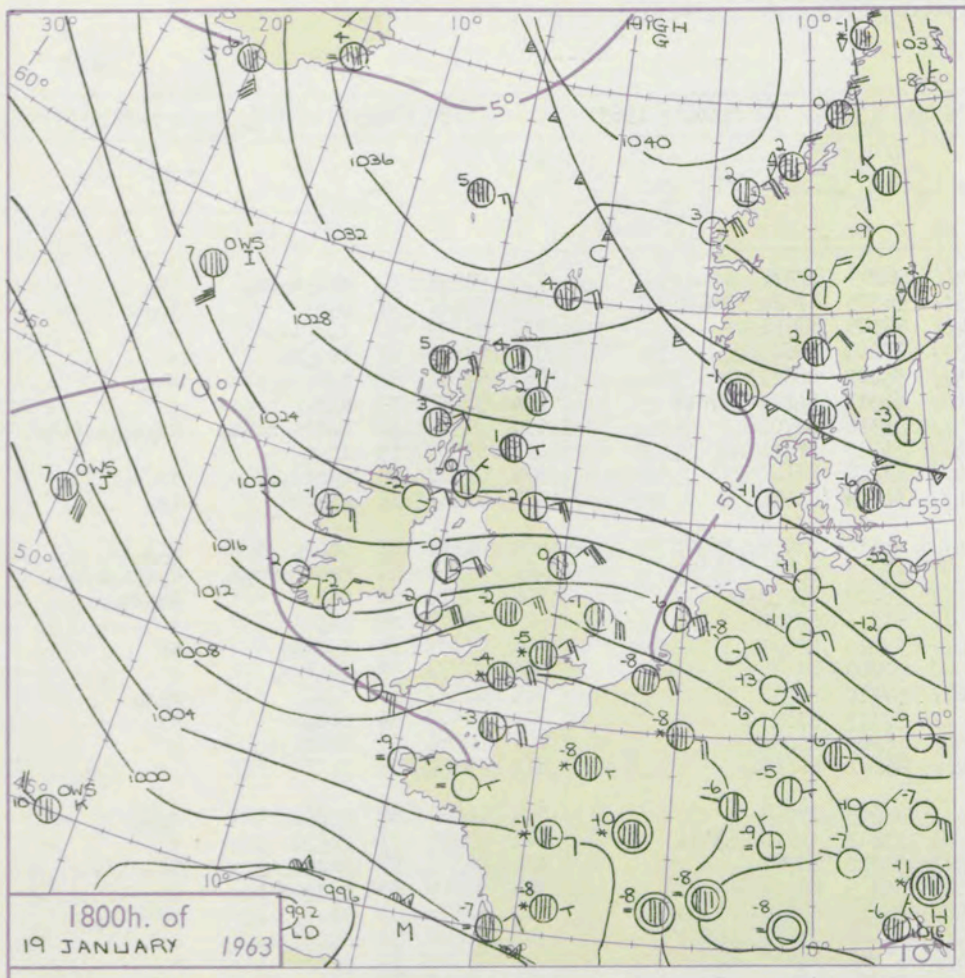

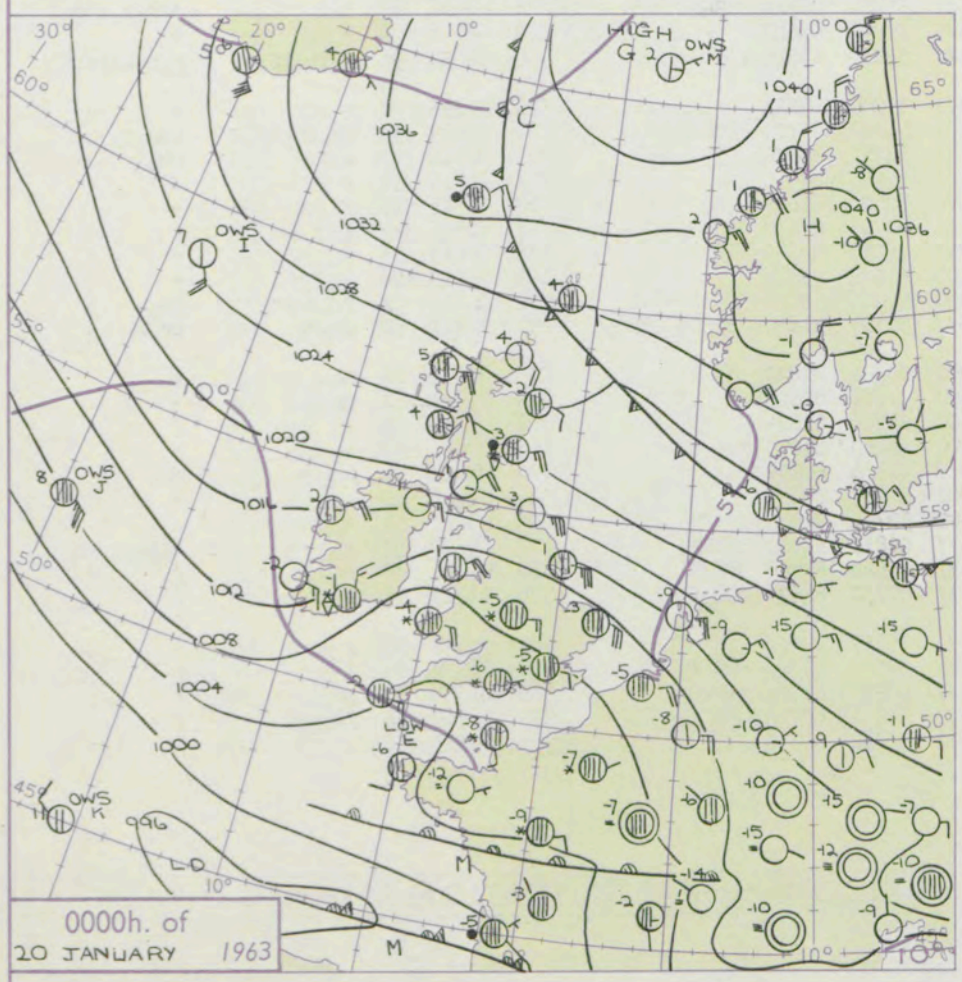

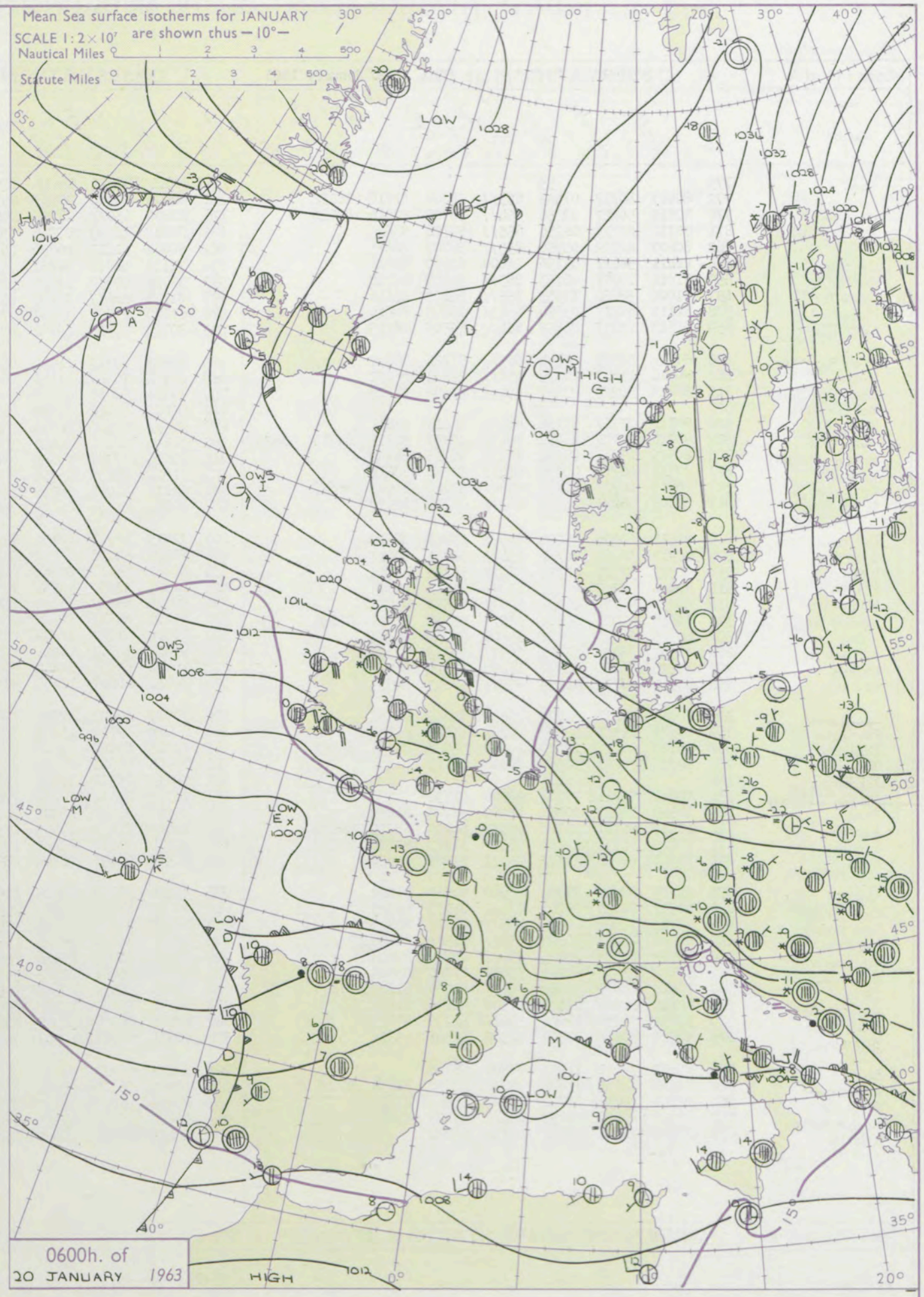

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 20 January 1963

An anticyclone to the north of the British Isles has been moving south east, but is now likely to drift southwards over Norway. A marked trough of low pressure which moved westwards over the southern half of Britain will weaken, but pressure will remain low to the south west of Ireland. Pressure will also be relatively low over the Mediterranean and the British Isles will be covered by a south easterly airstream.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

In Scotland there will be variable cloud with some showers of rain or snow mostly in the east. Snow over Northern Ireland north west England and north Wales will largely die out with some bright periods developing later. Other parts of England and Wales will be rather cloudy with a little snow or freezing rain at times. It will be mostly very cold.

OUTLOOK following 24 hours.

Mostly cold or very cold with widespread frost.

Code FM 11.A

OBSERVATIONS at 00h. 20 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775			55					
London Airport	772	80911	40717	07555	855//	58202	81718	88632	
Gatwick	776	80810	56227	07256	854//	58500	87616	88640	
Thorney Island	871	80712	22717	06256	855//	57704	88625		
Hurn	862	80607	62702	05956	855//	58707	88625		
Guernsey	894	21411	58017	05356	21400	62400	82818		
Wattisham	590	81014	28707	08753	863//	54803	88708		
Gorleston	497	81028	58052	11553	855//	54402	88624		
Mildenhall	578	81110	48717	09654	854//	56605	88616		
Cardington	559	80613	23717	08555	864//	56505	88715		
West Raynham	485	80922	58707	10754	865//	57701	88622		
Wittering	462	80816	19717	10355	856//	57605	88637		
Boscombe Down	746	80813	58227	07257	854//	59604	88615		
Ross-on-Wye	627								
Bristol	628	80710	23717	07756	854//	56613	88615		
Aberporth	502	80920	32717	06454	855//	55737	82710	84712	88625
Rhoose (Cardiff)	715	80616	09717	06356	873//	86716	88708		
Plymouth	827	80512	40717	03755	854//	58724	88615		
Chivenor	707	80713	40227	04955	855//	57724	86627	88657	
St. Mawgan	817	80608	56227	03956	857//	59740	88656		
Culdrose	809	80511	66038	05054	855//	55751	88625		
Scilly	804	80913	58268	04752	854//	54731	88612		
Elmdon	534	80813	37717	08355	864//	56712	88712		
Shawbury	414	80914	09737	09455	872//	55611	88705		
Manchester	334	80732	56717	08851	856//	52630	88630		
Squires Gate	318	70836	61021	10801	785//	55735	81822	87656	
Valley	302	60525	66032	08401	65500	52754	86625		
Ronaldsway	204	70532	78031	12801	7093/	54743	87360		
Carlisle	222	10514	74021	18900	16400	53828	81715		
Watnall	354	80919	28777	11055	855//	57603	88625		
Spurn Head	396	70935	57011	11601	756//	55715	87630		
Finningley	360	80925	61363	12650	857//	56618	88656		
Dishforth	261	50720	66011	15300	15630	55828	81630	85362	
Tynemouth	262	00835	74020	20303	00900	55713			
Eskdalemuir	162								
Mull of Galloway	131	00828	82011	17101	00900	51736			
Prestwick	135	10520	74027	20001	15500	53728	81625		
Renfrew	141	60516	56707	21502	655//	00725	83715	86625	
Leuchars	171	70825	66831	24103	785//	51712	83820	87637	
Dyce	091	71009	66038	27702	755//	51203	87620		
Wick	075	21220	80038	27904	28500	00810	81820		
Cape Wrath	049	80537	74636	24704	875//	01733	88725		
Sule Skerry	010	40724	74028	28405	435//	04716	84920		
Lerwick	005	80910	74028	32804	855//	01501	88626		
Stornoway	026	70823	69038	26505	755//	02822	87626		
Benbecula	022	60618	83031	24205	35602	01729	83640	85070	
Tiree	100	70514	86032	22204	785//	51729	81825	87643	
Aldergrove	917	10716	84020	17401	15500	52736	81625		
Malin Head	980	50734	69258	19804	525//	51729	85825		
Belmullet	976	50519	69031	17302	52500	52841	85824		
Birr	965	03507	74021	12653	00900	55746			
Collinstown	969	70526	74031	11802	756//	53750	82630	87656	
Rineanna	962	30114	74030	12752	35700	55844	83650		
Roches Point	952	83515	66858	08151	884//	53859	83817	88634	
Valentia	953	00916	74020	12652	00900	56732			

OBSERVATIONS at 06h. 20 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	80811	56027	08653	863//	56205	88708		
London Airport	772	80808	58032	08553	855//	56305	87620	88630	
Gatwick	776	80605	63027	08254	854//	56305	88618		
Thorney Island	871	80812	48027	07853	855//	57209	88621		
Hurn	862	80807	62017	06854	855//	55209	88627		
Guernsey	894	71112	56012	07057	784//	63313	84815	87618	
Wattisham	590	91017	09737	11053	9/0//	55316	89/02		
Gorleston	497	81125	56057	13251	855//	54213	88624		
Mildenhall	578	81110	28707	11152	874//	53210	88712		
Cardington	559	80708	48027	09852	854//	54209	88614		
West Raynham	485	80923	20717	11954	855//	54210	83708	88622	
Wittering	462	80912	19567	11454	862//	55212	86704	88708	
Boscombe Down	746	70913	59017	08155	754//	58208	87618		
Ross-on-Wye	627	80802	57022	08855	864//	57212	88710		
Bristol	628	80610	58367	08855	856//	57310	88630		
Aberporth	502	31112	58021	06856	35600	59209	83630		
Rhoose (Cardiff)	715	80915	37707	07655	856//	57310	88630		
Plymouth	827	71011	48037	04554	756//	57313	87630		
Chivenor	707	11110	48021	04955	15600	58203	81630		
St. Mawgan	817	80915	11737	02655	854//	55601	88610		
Culdrose	809	72015	28717	02152	773//	53605	87708		
Scilly	804	50000	64038	01751	58400	53607	83810	83614	
Elmdon	534	80811	56717	09754	863//	55210	88707		
Shawbury	414	80811	37367	10554	863//	55213	88709		
Manchester	334	80919	56207	11153	864//	55112	88716		
Squires Gate	318	81030	40777	11252	854//	54111	84617	88628	
Valley	302	80910	61027	18202	855//	51204	84627	88643	
Ronaldsway	204	81040	40737	10451	855//	51502	86713	88620	
Carlisle	222	50418	66031	14602	556//	55827	85645		
Watnall	354	80917	48667	12154	855//	55212	88615		
Spurn Head	396	70930	57022	12700	755//	55209	87625		
Finningley	360	80910	19717	13453	854//	54107	86711	88618	
Dishforth	261	81118	69022	15000	857//	55212	88650		
Tynemouth	262	70945	66021	18703	756//	54603	87635		
Eskdalemuir	162	10718	66367	17951	15500	52504	81625		
Mull of Galloway	131	71140	82031	10202	756//	00708	87630		
Prestwick	135	30730	70020	14702	25740	55710	82650		
Renfrew	141	11013	74017	17403	15500	51624	81622		
Leuchars	171	10934	70038	22103	15500	50605	81625		
Dyce	091	80917	66028	26504	885//	50301	81820	83625	88656
Wick	075	11224	82011	28205	12500	00304	81820		
Cape Wrath	049	20737	83026	25204	25500	01718	82625		
Sule Skerry	010	10918	74010	28005	15500	04706	81625		
Lerwick	005	11208	74010	33603	15500	50400	81625		
Stornoway	026	60921	74038	25504	656//	01804	86632		
Benbecula	022	30716	85021	22503	35608	53707	83645		
Tiree	100	20723	86031	19503	11502	52721	81820		
Aldergrove	917	81132	56717	11401	855//	00811	84710	88625	
Malin Head	980	70746	74038	13505	2253/	55528	82825	87360	
Belmullet	976	60631	66021	10303	4557/	52730	84623	86459	
Birr	965	80818	66227	06653	855//	56617	88622		
Collinstown	969	80920	66027	08052	855//	57502	83624	88635	
Rineanna	962	80916	56717	05653	873//	53527	83707	88712	
Roches Point	952	80820	56707	03153	874//	55616	86715	88634	
Valentia	953	80418	62037	04000	856//	53744	88630		

OBSERVATIONS during NIGHT

Station	iii	RRT T_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	91557	57	$sss_os_oi_s$	i_s
London Airport	772	97567	57	s_os_o	i_s
Gatwick	776	91577	58	$s_os_oi_s$	+
Thorney Island	871	97577	57	iss_os_o	+
Hurn	862	97566	57	$s_os_oi_ss_s$	s_os_o
Guernsey	894	97588	59	s_os_o	+
Wattisham	590	01566	56	$ssfs_os_ok_s$	$k_si_ss_ssffk_s$
Gorleston	497	97535	55	ir_os_o	+
Mildenhall	578	03557	55	s_osk_s	$i_ss_os_ok_s$
Cardington	559	94567	55	s_os_o	i_s
West Raynham	485	01557	55	i_ss_s	$s_os_oi_s$
Wittering	462	01567	56	$k_sisskSs_os_o$	$d_od_os_os_ok_s$
Boscombe Down	746	93577	58	s_os_o	$k_s_oi_s$
Ross-on-Wye	627	96567	56	i_s	+
Bristol	628	01567	58	$s_os_ok_s$	k_s
Aberporth	502	91577	59	$i_ss_os_o$	+
Rhoose (Cardiff)	715	01577	58	s_os_o	s_os_o
Plymouth	827	01567	58	s_os_o	+
Chivenor	707	92566	59	$ssffs_os_o$	+
St. Mawgan	817	09589	59		
Culdrose	809	04567	56	s_os_o	s_os_o
Scilly	804	97526	//	ps_o	+
Elmdon	534	05567	57	$sskss_os_o$	$s_os_od_od_o$
Shawbury	414	93568	53	s_os_ossks	$i_s_oi_d_o$
Manchester	334	02537	54	ss	$ssSs_os_o$
Squires Gate	318	96526	54	$r_os_os_os_oi_s$	$s_os_oir_o$
Valley	302	92536	55	ss	+
Ronaldsway	204	97526	53	+	$ssr_os_os_os_\bullet$
Carlisle	222	00515	53	+	+
Watnall	354	04559	55	$ksis_oif$	$r_or_oksssif$
Spurn Head	396	00515	//	+	+
Finningley	360	03539	53	$ks_oi_s_o$	sss_os_o
Dishforth	261	97516	53	+	ph_o
Tynemouth	262	00015	51	+	+
Eskdalemuir	162	00515	53	+	+
Mull of Galloway	131	92526	//	/	/
Prestwick	135	00013	53	+	+
Renfrew	141	96013	00	i_s_o	+
Leuchars	171	94015	01	$pr_os_opr_o$	pr_o
Dyce	091	92017	50	pr_os_o	pr_os_o
Wick	075	01031	01	pr	+
Cape Wrath	049	91011	51	rr	+
Sule Skerry	010	91051	02	/	/
Lerwick	005	00035	50	+	+
Stornoway	026	01033	01	pr_o	pr_o
Benbecula	022	00035	00	+	+
Tiree	100	00013	51	+	+
Aldergrove	917	05527	52	+	$is_os_os_oss$
Malin Head	980	97021	00	/	/
Belmullet	976	97527	55	/	/
Birr	965	94549	55	/	/
Collinstown	969	91538	54	/	/
Rineanna	962	01555	57	/	/
Roches Point	952	96549	54	/	/
Valentia	953	97533	56	/	/

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	10621	33100	81220	70258	16006	895//	00807	/////	/////	05004	11246	1////
B	10565	51000	81314	65168	18354	885//	00715	85820	83630	06359	11322	1////
C	10528	35500	82427	58808	08503	62471	00208	86815	/////	05702	18142	1////
D	10440	41000	81107	65028	15807	2152/	00839	82815	88459	06951	13256	1////
I	10586	18500	21324	98011	24807	21500	72103	82722	/////	05500	11349	1////
J	10521	19700	81135	97022	08508	885//	00103	84820	88630	05701	16156	1////
K	10452	15500	42812	65031	97511	48400	11302	82816	/////	05406	13058	1////
M	13660	02000	30704	70030	42102	25570	00805	82625	/////	06057	100/0	13343

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	10620	33006	31514	75158	16106	39500	00305	/////	/////	05104	11534	1////
B	10565	51006	81815	14585	16353	855//	00608	88620	/////	06054	11835	1////
C	10526	35506	73616	63258	07206	32570	00400	83820	84359	05204	13449	1////
D	10440	41006	81145	59616	01708	5742/	00773	85710	88539	05805	11258	1////
I	10588	18806	11014	98020	22007	11500	00812	81825	/////	05403	11245	1////
J	10520	19406	80929	97022	07206	885//	71707	83825	88635	05951	16051	16155
K	10453	15206	82214	60038	96310	884//	11500	83816	86633	05605	13058	10454
M	13660	02006	10906	70020	40902	15500	00804	81625	/////	06055	100/0	13343

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36950

Date of Issue Monday 21 January 1963

Code FM 11.A — OBSERVATIONS at 12h. 20 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80619	24687	13551	854//	53225	87709	88615	
London Airport	772	80815	16717	13751	854//	53229	85707	88611	
Gatwick	776	80708	37717	13151	854//	53226	88612		
Thorney Island	871	80610	37245	12651	855//	53224	86709	88620	
Hurn	862	80406	19565	12153	874//	54222	88715		
Guernsey	894	40810	56011	11254	45500	58219	84620		
Wattisham	590	80920	32363	16553	854//	54225	82709	84612	88620
Gorleston	497	61124	58022	19551	6093/	53231	86360		
Mildenhall	578	71216	58367	16151	757//	55223	87650		
Cardington	559	80813	37037	15351	864//	53232	88710		
West Raynham	485	61128	58387	17352	60931	56124	86359		
Wittering	462	81111	28717	16552	862//	55226	86704	88708	
Boscombe Down	746	80114	17565	13253	862//	54122	88705		
Ross-on-Wye	627	80602	48022	13553	864//	57321	88710		
Bristol	628	80610	48053	13753	855//	55123	88620		
Aberporth	502	03116	58011	11054	00900	58123			
Rhoose (Cardiff)	715	71110	60057	12553	756//	57123	87630		
Plymouth	827	60709	48011	10953	656//	57229	86630		
Chivenor	707	01208	56011	11352	00900	57123			
St. Mawgan	817	61017	40367	09754	65500	55238	81620	86640	
Culdrose	809	81410	60707	09251	853//	54235	85708	88610	
Scilly	804	61517	65278	06302	63300	51329	85709	86940	
Elmdon	534	81111	19567	14152	872//	53127	88704		
Shawbury	414	81014	32717	14653	863//	54224	88709		
Manchester	334	80920	19717	15353	855//	53125	83710	88620	
Squires Gate	318	81226	14717	15552	3742/	53229	83714	88522	
Valley	302	71108	59162	13250	755//	53221	84625	87640	
Ronaldsway	204	91139	06717	14051	9/0//	51020	89/04		
Carlisle	222	70824	74022	16802	6563/	00307	86640		
Watnall	354	90912	08737	16853	9/0//	85329	89/02		
Spurn Head	396	70938	57022	18001	756//	57237	87630		
Finningley	360	81017	58707	18751	855//	54230	83620	88635	
Dishforth	261	71128	67368	19201	785//	56219	81825	87650	
Tynemouth	262	41140	61022	21703	40970	55214	84305		
Eskdalemuir	162	70719	62363	22450	755//	53140	81710	87625	
Mull of Galloway	131	81536	48717	13601	873//	00214	88706		
Prestwick	135	60936	59071	16103	58681	53503	81718	85650	
Renfrew	141	61032	56042	19203	65500	55205	81620	85650	
Leuchars	171	71135	62158	24603	724//	00114	83712	87818	
Dyce	091	71219	58278	28903	784//	51214	86816	87622	
Wick	075	61326	69268	29904	684//	01209	84815	84625	
Cape Wrath	049	60730	83152	26203	5644/	00402	85720	85358	
Sule Skerry	010	60930	74022	28805	635//	03204	86920		
Lerwick	005	31412	79011	35304	31500	51107	83822		
Stornoway	026	31027	80028	26105	38500	51002	82827		
Benbecula	022	10930	86010	19805	15500	53713	81625		
Tiree	100	40923	86011	18305	29463	55202	81712	81925	
Aldergrove	917	91223	01737	13151	9/0//	51106	89/02		
Malin Head	980	81148	40718	13001	864//	00807	86710	88625	81856
Belmullet	976	31120	64027	09451	32500	54209	83823		
Birr	965	60816	74037	09053	685//	56009	83820	86632	
Collinstown	969	81323	56707	11552	874//	55220	84714	88720	
Rineanna	962	50921	59037	06453	35632	57003	83640	85358	
Roches Point	952	71410	69268	04300	794//	51206	84918	87630	
Valentia	953	61311	62017	02651	68500	57307	81823	86633	

OBSERVATIONS at 18h. 20 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80718	33687	17651	873//	54225	88708		
London Airport	772	80816	24037	11851	3567/	54222	83640	88459	
Gatwick	776	70815	48667	17752	4567/	55220	84635	87359	
Thorney Island	871	80813	40566	16451	854//	52223	83707	88616	
Hurn	862	80811	12565	15351	872//	51119	88705		
Guernsey	894	70911	30051	13600	754//	53213	87616		
Wattisham	590	60919	48013	21251	30972	57224	83360	86072	
Gorleston	497	41026	58011	23600	30941	55226	83360		
Mildenhall	578	41114	58016	21051	10932	56224	81358	84075	
Cardington	559	80715	40367	20251	856//	53227	83710	88640	
West Raynham	485	41023	59363	22352	10932	56226	81362	83070	
Wittering	462	81016	58367	21451	856//	55223	88644		
Boscombe Down	746	80911	20055	16852	863//	53221	88707		
Ross-on-Wye	627	80707	24702	17651	862//	52228	88705		
Bristol	628	80807	23055	17351	863//	53222	88708		
Aberporth	502	71108	48021	16152	755//	54121	87625		
Rhoose (Cardiff)	715	80816	14565	16051	873//	51222	85702	88708	
Plymouth	827	30707	28041	13952	00901	54215	83070		
Chivenor	707	80807	48031	15051	855//	53221	86709	88620	
St. Mawgan	817	20909	37053	13754	00901	57118	82075		
Culdrose	809	70711	58027	13451	45531	53216	84620	85072	
Scilly	804	81015	58028	11802	855//	52228	88620		
Elmdon	534	80912	40367	19052	855//	55227	83705	88626	
Shawbury	414	81014	40367	19152	854//	54324	85708	88614	
Manchester	334	70926	48367	19551	6553/	53218	86625		
Squires Gate	318	81021	40227	20550	855//	54325	88628		
Valley	302	70708	40041	17751	5563/	54227	85630	87360	
Ronaldsway	204	81134	32717	19350	7732/	51225	81708	87712	88530
Carlisle	222	70712	62022	24501	4567/	56233	84640	86358	
Watnall	354	80913	28367	21752	863//	54228	88706		
Spurn Head	396	21030	57011	23501	20940	55227	82365		
Finningley	360	40915	61017	23651	20938	57229	82360	83272	
Dishforth	261	61115	74013	25051	10942	57229	81960	86068	
Tynemouth	262	71140	68031	26503	756//	52227	87625		
Eskdalemuir	162	50923	66383	25450	25792	57218	82650	85357	
Mull of Galloway	131	81428	32717	18800	872//	00228	88705		
Prestwick	135	80924	64022	22102	4577/	55125	84656	86462	
Renfrew	141	71126	48042	24503	755//	55226	81620	83635	87650
Leuchars	171	71030	74028	28003	725//	51219	87820		
Dyce	091	81318	62278	31702	885//	53210	83820	88630	
Wick	075	81423	80032	31704	855//	51214	82625	88640	
Cape Wrath	049	60737	83022	27303	655//	53211	86620		
Sule Skerry	010	81130	66038	29105	874//	02206	88710		
Lerwick	005	51313	80011	36703	58500	63210	81820	85628	
Stornoway	026	21124	80011	26104	28500	51215	82825		
Benbecula	022	71122	86031	22204	757//	54320	87650		
Tiree	100	81138	62606	20104	2551/	55216	82627	88458	
Aldergrove	917	81316	37027	19150	854//	51235	85707	88616	
Malin Head	980	81124	58107	18000	864//	58228	85716	88640	
Belmullet	976	31123	59028	11052	35700	55215	83650		
Birr	965	11015	61021	14152	15600	55239	81631		
Collinstown	969	81214	59107	16 50	8 5//	55229	88625		
Rineanna	962	81118	58858	11001	863//	00241	83708	85711	88625
Roches Point	952	7132	62268	10804	734//	51246	87916		
Valentia	953	61811	69031	07203	68500	52350	82825	86635	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	91519	000	$is_os_os_or_os_o$	$r_os_oir_os_o$
London Airport	772	01517	000	$is_os_os_oir_o$	$id_or_or_o$
Gatwick	776	95517	000	$s_os_od_od_or_or_o$	r_or_o
Thorney Island	871	97507	000	id_oir_o	id_oir_o
Hurn	862	97506	///	d_od_o	d_od_o
Guernsey	894	97026	043	+	id_o
Wattisham	590	00516	///	ks_ks_o	ks_o
Gorleston	497	00005	003	+	+
Mildenhall	578	91517	000	$s_os_oks_o$	ir_oks_o
Cardington	559	97517	000	$id_os_os_o$	s_os_o
West Raynham	485	00517	000	ks_ks_o	ks_o
Wittering	462	01517	000	$s_os_os_os_s$	+
Boscombe Down	746	97527	000	id_o	id_o
Ross-on-Wye	627	97517	000	ps_o	is_o
Bristol	628	97517	000	id_o	$id_od_od_o$
Aberporth	502	00517	051	+	+
Rhoose (Cardiff)	715	97517	000	id_o	d_od_o
Plymouth	827	97017	040	+	$id_od_od_o$
Chivenor	707	97506	058	+	is_o
St. Mawgan	817	04529	035	s_os_o	+
Culdrose	809	97507	000	is_o	+
Scilly	804	97033	018	ps_o	ps
Elmdon	534	02017	000	$d_od_os_os_o$	$d_od_os_os_o$
Shawbury	414	01517	000	$s_os_oks_o$	$s_os_oks_o$
Manchester	334	97517	000	s_os_oks	$s_os_ck_{3o}$
Squires Gate	318	02006	000	$sss_os_oks_o$	$s_os_osssks_o$
Valley	302	97005	018	+	is_o
Ronaldsway	204	91006	000	$is1Fs_os_o$	$s_os_ois_o$
Carlisle	222	00035	001	+	+
Watnall	354	02529	000	$s_os_osssks_o$	ks_o
Spurn Head	396	00015	000	+	+
Finningley	360	91009	000	$s_os_oks_o$	ks_o
Dishforth	261	97016	000	ph_o	+
Tynemouth	262	00031	000	+	+
Eskdalemuir	162	00017	000	+	+
Mull of Galloway	131	94016	///	/	/
Prestwick	135	00033	010	+	+
Renfrew	141	00033	006	+	+
Leuchars	171	97035	007	pr_o	+
Dyce	091	91045	000	pr_os_o	pr_oph_o
Wick	075	93051	001	$pr_opr_os_o$	+
Cape Wrath	049	00051	///	+	+
Sule Skerry	010	97051	///	/	/
Lerwick	005	00045	046	+	+
Stornoway	026	00062	029	+	+
Benbecula	022	00055	047	+	+
Tiree	100	97053	006	+	ir_o
Aldergrove	917	03008	000	$sss_os_ois_o$	$ks\ is_o$
Malin Head	980	0503	000	/	/
Belmullet	976	9700	036	/	/
Birr	965	9752	040	/	/
Collinstown	969	9701	004	/	/
Rineanna	962	9101	000	/	/
Roches Point	952	0304	007	/	/
Valentia	953	9304	004	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33012	31307	80020	18805	18545	00208	/////	/////	05204	11321	14956
B	10565	51012	82009	63227	15652	5142/	00400	85815	88425	05855	10152	11953
C	10528	35512	33605	65021	08506	22530	00107	83820	/////	05203	13157	13546
D	10440	41012	80542	58614	03809	5742/	00268	85815	8853	05706	10549	1////
I	10588	18812	61020	97808	17807	5853/	00410	83822	85640	05504	11033	114/6
J	10520	19512	60513	98032	04906	6260	00617	86830	/////	05953	149/3	16050
K	10453	14812	62216	70012	96911	68500	21104	82823	84640	05304	100/0	10944
M	13660	02012	82106	70032	41003	855//	00202	88625	/////	05752	120/0	10634

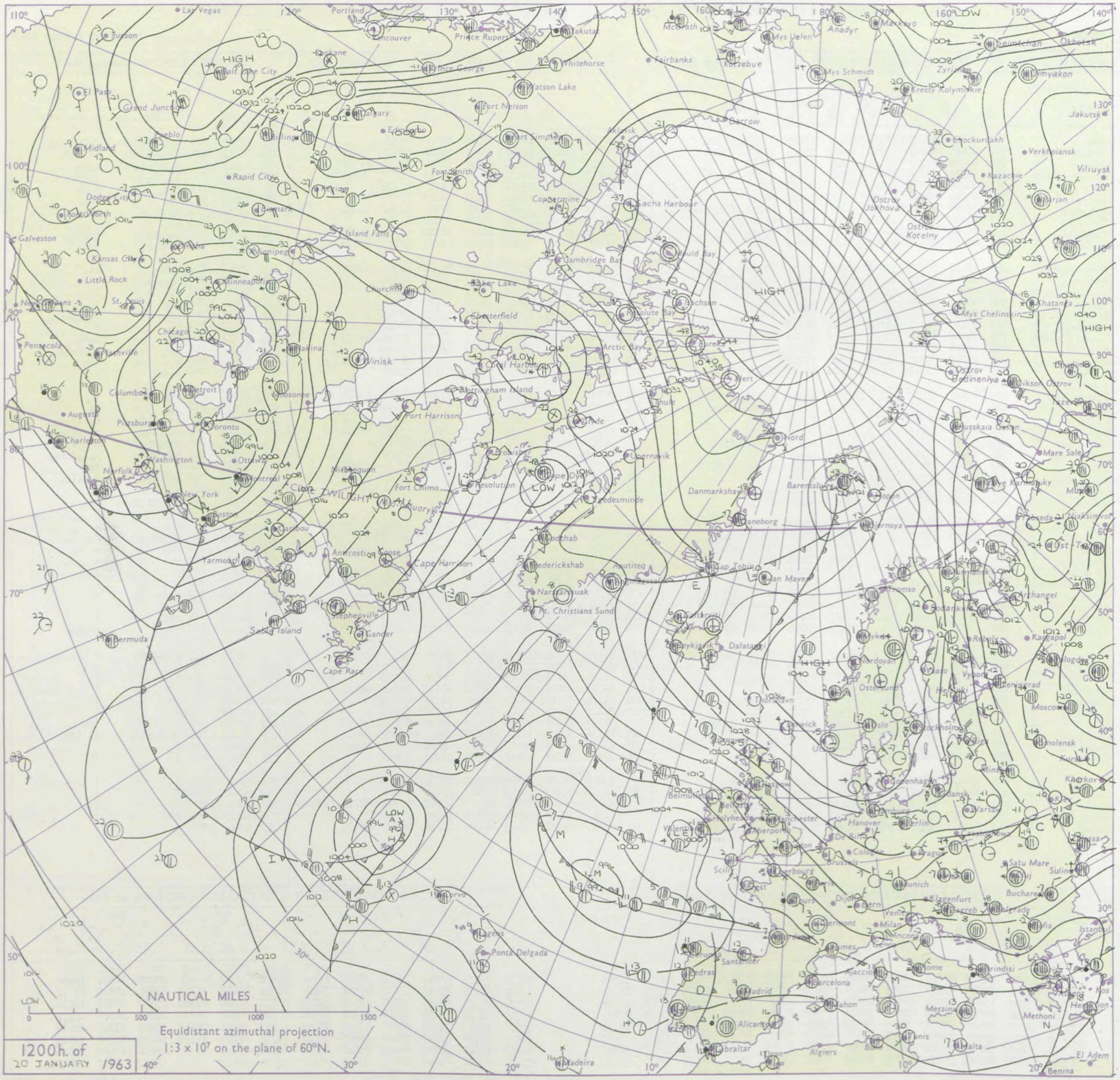
Code FM 21.A — OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10621	33118	60812	75011	18506	45541	00601	/////	/////	00005	10821	11256
B	10565	51018	72915	37858	16351	7240	00312	87815	/////	05854	149/4	1////
C	10528	35518	63214	65151	08006	32530	00505	83820	85360	05302	10857	13056
D	10440	41018	70232	63808	11309	6256/	00231	86820	/////	05707	10558	1////
I	10589	18918	71028	98028	13408	784//	00713	84818	87640	05203	11136	11246
J	10521	19318	80317	98158	98905	4242/	71721	84818	88558	06104	103/1	10245
K	10452	14818	52213	70028	98111	49503	41215	84923	/////	05406	100/0	10656
M	13661	02218	82612	70025	39704	855//	00503	88620	/////	05552	12622	10245

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

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Rain
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Symbol

For each
half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE

1800h. of 20 JANUARY 1963

Mean Sea surface isotherms for JANUARY 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 21 JANUARY 1963

0600h. of 21 JANUARY 1963

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 21 January 1963

A belt of moist and warmer air aloft moved westnorthwest over the southern half of Britain yesterday giving freezing rain or snow but this is now restricted to extreme southwest England and Eire and will quickly move further west to the Atlantic. The anticyclone over south Norway will drift into the North Sea as a minor disturbance over north Norway slips quickly to the east Baltic States. The depression which has moved southeast to the Azores will remain in low latitudes and between this system and the strong high pressure cell near south Norway a southeasterly airstream will be maintained over western Europe.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Very cold in most parts with persistent frost over much of England and Wales but strong winds in exposed areas will moderate slowly. Tonight frost will be very severe in southern and central districts but slight to moderate in the north. The weather will be dry and clear almost everywhere but North Sea Coast districts will be rather cloudy with scattered light sleet or snow.

OUTLOOK for following 48 hours

Continuing very cold and frosty but mainly dry.

nation
nbols

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

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

Code FM 11.A — **OBSERVATIONS at 00h.** 21 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			52					
London Airport	772	20818	48246	22752	20970	57228	82359		
Gatwick	776	00809	66016	22354	00900	58223			
Thorney Island	871	80717	62026	20851	857//	56122	88650		
Hurn	862	80710	48666	19751	856//	51224	88636		
Guernsey	894	80815	28586	15802	862//	02216	88705		
Wattisham	590	00912	56021	25552	00900	57220			
Gorleston	497	01125	60020	27900	00900	51219			
Mildenhall	578	01112	63020	25952	00900	56225			
Cardington	559	10714	58023	24954	15600	57126	81630		
West Raynham	485	00924	66023	26852	00900	55124			
Wittering	462	00812	58021	26455	00900	57226			
Boscombe Down	746	80919	58246	21052	856//	55220	88630		
Ross-on-Wye	627								
Bristol	628	80609	58245	21651	856//	55225	88632		
Aberporth	502	81008	40565	19951	855//	53219	83710	88623	
Rhoose (Cardiff)	715	80820	48565	20151	854//	53223	86710	88615	
Plymouth	827	80814	28515	16201	872//	01212	88705		
Chivenor	707	80810	48507	18250	873//	51224	88709		
St. Mawgan	817	80710	19515	15800	872//	50110	88703		
Culdrose	809	80916	40515	15203	854//	01106	88612		
Scilly	804	80912	61022	14303	855//	01105	88620		
Elmdon	534	30912	63013	24554	35700	57330	83650		
Shawbury	414	70909	59013	25653	2577/	56241	82656	87359	
Manchester	334	01014	56363	26252	00900	57338			
Squires Gate	318	61227	58023	25451	15630	54222	81645	85360	
Valley	302	80610	48707	21400	855//	54220	83625	88640	
Ronaldsway	204	81035	40367	23900	856//	54224	88637		
Carlisle	222	01025	61011	28201	00900	55112			
Watnall	354	30913	66033	26854	00901	56224	83070		
Spurn Head	396	01126	57021	28101	00900	55222			
Finningley	360	61016	63031	28351	654//	55225	86617		
Dishforth	261	31115	62031	29350	25501	53222	82621		
Tynemouth	262	81137	66022	30003	855//	52218	88625		
Eskdalemuir	162								
Mull of Galloway	131	81530	60021	23201	873//	00214	88704		
Prestwick	135	70919	74022	26502	1581/	55221	81657	87461	
Renfrew	141	41115	62031	28602	45600	53228	84630		
Leuchars	171	81320	74022	31802	885//	52217	82820	88626	
Dyce	091	71317	62012	34402	755//	55216	87627		
Wick	075	81519	80022	33903	856//	52216	88635		
Cape Wrath	049	40518	83020	32202	455//	52206	84625		
Sule Skerry	010	81130	66022	32304	864//	03220	88715		
Lerwick	005	31518	80072	39002	35600	53211	83634		
Stornoway	026	01118	80010	28504	00900	52021			
Benbecula	022	71220	82237	25604	756//	52215	87640		
Tiree	100	81234	62032	24904	856//	53225	88640		
Aldergrove	917	81222	19717	23351	854//	52225	85710	88615	
Malin Head	980	61228	66012	21401	654//	51011	83715	86656	
Belmullet	976	01223	66011	17451	00900	54326			
Birr	965	00506	62010	19854	00900	56225			
Collinstown	969	81013	10707	21001	861//	51220	83702	85705	88512
Rineanna	962	01120	59108	18151	00900	54131			
Roches Point	952	61017	66012	16503	684//	52222	83819	86640	
Valentia	953	30918	66028	14304	33500	00129	83920		

OBSERVATIONS at 06h. 21 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	30615	60021	26252	36300	56217	83709		
772	20713	59030	26453	25400	55217	82616		
776	00609	70020	26056	00900	59216			
871	10713	62021	24854	00901	59321	81075		
862	00713	69026	23254	00900	56218			
894	50919	58036	18301	25772	53211	82650	83360	
590	00913	58020	29153	00900	56217			
497	11020	62020	32051	15500	54118	81620		
578	00913	63020	29553	00900	56219			
559	70613	59031	28354	754//	56216	87615		
485	00918	66020	30654	00900	57214			
462	00916	59020	29955	00900	57219			
746	10917	59031	25055	15600	60219	81630		
627	12608	57021	26455	15601	57220	81630		
628	00513	58027	25355	00900	59219			
502	81218	56026	22251	856//	56114	88640		
715	10825	62016	23453	15600	55216	81630		
827	80723	40022	18850	854//	52215	88615		
707	71020	48012	21051	755//	57214	83625	87645	
817	70922	40246	17600	755//	52307	82620	87650	
809	80830	40606	16503	854//	02209	88612		
804	81020	24515	15505	862//	05210	88704		
534	00813	63020	28155	00900	57217			
414	00909	62023	28754	00900	57219			
334	10926	66013	28652	15600	55207	81630		
318	11123	70021	29853	15600	56220	81630		
302	20820	56027	24350	25600	57117	82640		
204	41037	70033	27800	45600	51312	84635		
222	01119	61010	32200	00900	54227			
354	00915	66010	30654	00900	56220			
396	01020	59020	31851	00900	56217			
360	00810	63021	32154	00900	57218			
261	01008	80020	33153	00900	57115			
262	81425	66022	33602	856//	52209	88630		
162	30916	66020	34051	35500	55208	83622		
131	41432	74011	27501	47400	00225	84715		
135	20914	78021	30801	25500	54221	82628		
141	61016	66011	32201	656//	54218	86630		
171	81217	74022	34602	855//	53214	88626		
091	81314	66022	36901	855//	54210	88626		
075	71522	80022	35502	756//	53303	87635		
049	10000	82010	32901	15500	00205	81625		
010	31230	66011	32605	35400	02215	83615		
005	81515	80268	39402	855//	00102	84622	88637	
026	01218	80020	30403	00900	53213			
022	61317	83012	28603	656//	53118	86640		
100	11131	74016	28203	10940	53318	81359		
917	81328	14387	25650	856//	51218	83715	88630	
980	81233	66022	24502	3567/	53302	83635	88460	
976	30607	74030	21750	35500	52221	83627		
965	80912	66021	21701	864//	00209	88714		
969	91013	18706	24201	9/2//	51319	89/04		
962	80711	56102	20701	863//	51212	88709		
952	81017	56506	18603	863//	02209	88708		
953	00910	66028	17703	00900	51114			

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	00527	55	+	+
772	00547	55	+	+
776	00567	62	+	+
871	97557	58	ir_o	+
862	97556	57	r_or_o	+
894	01515	52	$id_od_or_o$	+
590	00556	57	+	+
497	00 5	57	+	+
578	00547	58	+	+
559	00577	61	+	+
485	00557	57	+	+
462	00567	61	+	+
746	97567	58	ir_o	+
627	91567	59	ir_o	+
628	97557	57	ir_os_o	+
502	97527	55	id_o	ir_o
715	97547	55	id_oir_o	ir_o
827	92516	52	d_od_o	+
707	97535	54	id_o	+
817	97537	54	d_od_o	ir_o
809	02522	51	d_od_oid	$ir_os_or_or_o$
804	93021	//	+	$d_od_oir_o$
534	00567	58	ks_o	+
414	00557	56	ks_oks	ks_o
334	00537	57	$ksks_o$	ks
318	00536	55	+	+
302	96525	56	is_o	+
204	97516	53	+	+
222	00525	56	+	+
354	00559	61	+	+
396	00515	//	+	+
360	00569	60	+	+
261	00546	57	+	+
262	00015	51	+	+
162	00527	55	+	+
131	00005	//	/	/
135	00513	55	+	+
141	00013	51	+	+
171	00015	00	+	+
091	00016	50	+	+
075	00021	01	+	+
049	00011	53	+	+
010	00031	02	/	/
005	91015	51	+	$pr_os_oir_os_o$
026	00021	00	+	+
022	97025	51	ir_os_o	+
100	97023	50	ir_o	+
917	01518	02	$is_os_os_oks$	ks
980	00016	51	/	/
976	00525	53	/	/
965	00549	59	/	/
969	92006	54	/	/
962	97516	52	/	/
952	97015	50	/	/
953	02021	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	$N_hC_lh_CC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33000	61015	75016	17606	48570	00809	/////	/////	05005	11021	14955
B	20565	51000	22113	69028	19253	21500	00110	82825	/////	06158	149/4	1////
C	20528	35500	73224	65808	09506	62560	00400	86820	/////	05302	13157	1////
D	20440	41000	33430	65028	18411	32500	00224	83820	/////	05404	13458	1////
I	20588	18500	20940	97258	10405	23400	21612	82917	/////	05801	16043	1////
J	20525	19500	12413	99018	00007	15600	00113	81630	/////	05603	149/2	11056
K	20452	14100	01810	70020	02811	00900	22228	/////	/////	05206	100/0	10655
M	23661	02400	62812	60046	39504	68400	00400	84810	/////	05500	12721	10243

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33006	70520	65818	14705	795//	32617	/////	/////	05203	10534	1////
B	20565	51006	32006	69028	17953	31530	00603	83825	/////	06257	149/4	1////
C	20528	35506	43231	65158	07004	42500	00307	84820	/////	05601	13159	1////
D	20440	41006	33618	65020	20209	31500	00010	83825	/////	05604	13658	1////
I	20588	18306	11442	98028	08906	13500	21502	81922	/////	05604	16144	1////
J	20525	19306	51807	99031	06807	55600	00132	85630	/////	05603	118/2	11056
K	20452	13506	41410	70020	06111	22500	22216	84820	/////	05207	100/0	10654
M	23659	01806	82312	65021	38405	855//	51610	88620	/////	05400	12522	10242

CONVE TAB °C t

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36951

Date of Issue Tuesday 22 January 1963

OBSERVATIONS at 12h. 21 January 1963

Code FM 11.A

ERSION BLE o °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	10628	60021	31052	11400	58116	81815		
102	London Airport	772	00823	48010	31151	00900	56222			
100	Gatwick	776	00720	58020	30453	00900	58225			
99	Thorney Island	871	10614	66020	28852	00901	55220	81070		
97	Hurn	862	10712	69020	27451	00901	53215	81075		
95	Guernsey	894	20822	62011	22401	00902	59215	82070		
93	Wattisham	590	10915	66020	33652	00901	60117	81075		
91	Gorleston	497	31020	62030	36051	35500	56222	83620		
90	Mildenhall	578	01113	74020	34151	00900	59219			
88	Cardington	559	00613	59010	33053	00900	57119			
86	West Raynham	485	10922	82020	35052	00901	58220	81072		
84	Wittering	462	10811	66020	34752	00901	57119	81075		
82	Boscombe Down	746	00919	59020	29153	00900	55118			
81	Ross-on-Wye	627	10610	60020	31153	11501	57224	81825		
79	Bristol	628	10814	59010	29453	15/00	57113	81615		
77	Aberporth	502	11112	66011	27051	00901	55129	81075		
75	Rhoose (Cardiff)	715	20829	58021	28553	11502	55128	81820		
73	Plymouth	827	70720	48022	23551	754//	53220	87615		
72	Chivenor	707	11122	61011	25351	10941	55222	81365		
70	St. Mawgan	817	51023	48016	21700	20931	53219	82362	85075	
68	Culdrose	809	70830	58016	20703	756/1	51223	83710	87630	
66	Scilly	804	81023	56606	19905	853//	03120	88609		
64	Elmdon	534	10918	59020	32853	00901	55220	81078		
63	Shawbury	414	10916	66021	33353	00901	57119	81075		
61	Manchester	334	11115	62023	34151	10930	55122	81365		
59	Squires Gate	318	11230	58363	34251	00901	57227	81070		
57	Valley	302	10712	74020	29400	18502	57120	81825		
55	Ronaldsway	204	11037	61020	32200	11500	56124	81822		
54	Carlisle	222	21114	82010	36800	11501	55120	81822		
52	Watnall	354	00915	62010	34852	00900	55218			
50	Spurn Head	396	30920	66030	36451	31500	56226	83825		
48	Finningley	360	01018	69010	36551	00900	56118			
46	Dishforth	261	21217	80030	37450	15501	56116	81625		
45	Tynemouth	262	81421	66022	38001	855//	01232	88628		
43	Eskdalemuir	162	31115	66031	38251	38401	57117	81818	83624	
41	Mull of Galloway	131	31522	81021	33001	25640	00234	82630		
39	Prestwick	135	10816	80020	34601	15501	55212	81625		
37	Renfrew	141	11021	56041	36502	11501	53220	81825		
36	Leuchars	171	81217	80022	38802	856//	54220	88630		
34	Dyce	091	81512	58052	40001	855//	55114	88625		
32	Wick	075	71622	80022	37302	756//	54106	87630		
30	Cape Wrath	049	23609	83020	33502	25600	52213	82630		
28	Sule Skerry	010	51437	74012	34703	535//	01211	85920		
27	Lerwick	005	71616	80028	41003	756//	53208	87630		
25	Stornoway	026	11310	87030	34104	00901	52324	81075		
23	Benbecula	022	11524	85020	32004	15600	55026	81630		
21	Tiree	100	11236	74020	31303	11540	51212	81820		
19	Aldergrove	917	11316	66023	31100	15600	53225	81630		
18	Malin Head	980	21226	82011	30801	21530	55129	82824		
16	Belmullet	976	81407	66102	25402	6653/	51224	86720	88359	
14	Birr	965	70913	74017	26201	656/2	53217	86635	87072	
12	Collinstown	969	30916	74017	28901	11502	53221	81822	83070	
10	Rineanna	962	81117	58687	24602	864//	51221	83712	86715	88622
9	Roches Point	952	81020	48687	23502	863//	00115	88707		
7	Valentia	953	81018	62026	20904	854//	01117	83718	88630	

OBSERVATIONS at 18h. 21 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	10620	56050	32253	18500	59220	81825		
772	10617	50040	34253	15500	57118	81620		
776	00611	62020	33154	00900	60217			
871	00614	74020	32053	00900	59224			
862	10615	62020	31353	15700	55232	81656		
894	00825	56050	26451	00900	57229			
590	10611	74021	36855	15500	59219	81625		
497	50920	62011	38552	55500	58217	85626		
578	10907	69020	37355	15600	59219	81630		
559	00513	59010	36656	00900	59222	88615		
485	00813	82010	38056	00900	59113			
462	10812	59050	37855	15500	59224	81625		
746	00818	61020	33254	00900	64328			
627	00708	63020	34354	00900	61218			
628	00516	59020	33254	00900	58223			
502	00811	69010	31353	00900	59323			
715	10842	56020	31453	00901	60320	81070		
827	70934	56052	24303	76301	51221	87708		
707	10926	59020	27651	00901	61211	81080		
817	20920	58011	26353	00901	58321	82075		
809	70934	37052	24401	7737/	52223	87708		
804	71023	48026	23504	754//	51217	87615		
534	10810	58020	36255	10930	59219	81360		
414	10813	64020	36455	00901	58218	81080		
334	00813	63020	37753	00900	57222			
318	01123	30043	37053	00900	57325			
302	00713	66010	33453	00900	59220			
204	01034	59020	35451	00900	55223			
222	00703	66010	39653	00900	56216			
354	20813	58011	38556	25500	59218	82620		
396	51016	63031	39051	55500	56106	85625		
360	00807	66010	39755	00900	59317			
261	70705	80031	40453	755//	57215	87626		
262	81415	66028	40301	856//	55213	88630		
162	10911	63020	41254	15500	57317	81626		
131	11620	81020	35701	15600	51217	81630		
135	01011	66011	37952	00900	57320			
141	00911	30040	39250	00900	55216			
171	81608	80022	40401	856//	53212	88630		
091	71610	48052	41401	755//	54210	87627		
075	41720	82012	39102	45600	00206	84630		
049	12302	83020	35902	15600	55211	81630		
010	31724	81011	36103	35500	01203	83620		
005	81712	80027	41602	855//	53202	88625		
026	01509	87020	35903	00900	52211			
022	01613	83020	35503	00900	55218			
100	11126	86040	34102	11500	55309	81820		
917	11111	58043	34051	15500	55212	81625		
980	11228	80020	32701	14600	55017	81630		
976	60907	81022	28701	2654/	52224	82722	86358	
965	50608	70022	30351	456/2	53222	84637	85072	
969	10912	69010	32100	10940	55224	81360		
962	71019	64037	28501	5577/	53228	85650	87460	
952	81019	59107	27203	864//	52323	87715	88630	
953	80918	62022	24504	865//	00223	86721	88630	

OBSERVATIONS during DAY

iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	00517	062	jp	+
772	00517	051	+	+
776	00527	077	+	+
871	00516	077	+	+
862	00516	///	+	+
894	00015	067	+	+
590	00516	///	+	+
497	00513	012	+	+
578	00506	069	+	+
559	00527	067	+	+
485	00527	073	+	+
462	00517	072	+	+
746	00527	079	+	+
627	00527	071	+	+
628	00527	053	+	+
502	00006	070	+	+
715	00527	068	+	+
827	00505	035	+	+
707	00015	075	+	+
817	00006	060	+	+
809	97030	010	ir_c	+
804	91051	000	ir_o	+
534	00527	067	+	+
414	00527	066	+	+
334	00517	072	ks_o	+
318	00506	068	ks_o	ks_o
302	00035	077	+	+
204	00006	050	+	+
222	00013	075	+	+
354	00517	065	+	+
396	00505	050	+	+
360	00509	063	+	+
261	00006	061	+	+
262	97023	000	+	ps_o
162	00517	051	+	+
131	00013	///	/	/
135	00013	069	+	+
141	00025	053	+	+
171	00025	000	+	+
091	00026	000	+	+
075	00031	002	+	+
049	00053	///	+	+
010	00031	///	/	/
005	97035	000	+	ir_os_o
026	00053	061	+	+
022	00055	065	+	+
100	00043	060	+	+
917	00007	058	+	+
980	0002/	064	/	/
976	0002/	000	/	/
965	9702/	004	/	/
969	9702/	061	/	/
962	9702/	006	/	/
952	0303/	000	/	/
953	9205/	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	20620	33112	80516	65808	11805	894//	00714	/////	/////	05104	10534	1////
B	20565	51012	81627	67022	12850	5552/	00722	85628	88458	05757	11634	1////
C	20528	35512	63231	69158	13907	42560	00222	84820	/////	05103	18151	1////
D	20440	01012	33414	69011	23609	32500	00217	83830	/////	05604	10246	1////
I	20588	17712	81628	96258	15308	834//	31241	88918	/////	05205	16632	1////
J	20524	18912	70612	98142	11408	785//	00321	83822	87650	05406	149/2	11055
K	20452	13912	51218	70018	10611	58542	62219	82820	83650	05308	11833	149/2
M	23660	01712	72612	65802	38505	59470	00303	83810	/////	05401	12622	10242

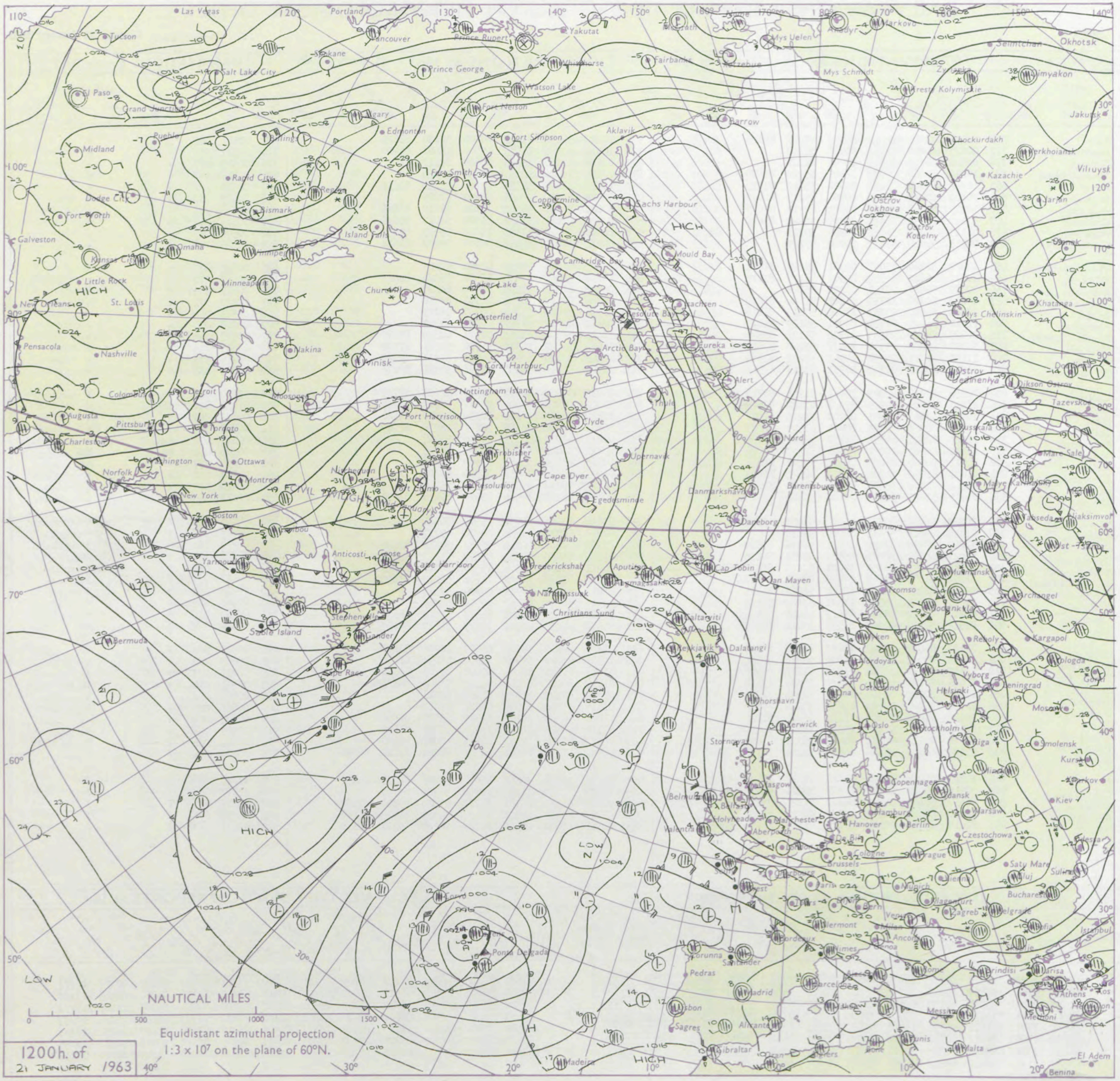
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33318	30912	75018	13705	28541	00220	/////	/////	05102	10933	1////
B	20565	51018	81642	58712	03802	6742/	00846	86815	88556	05250	11549	1////
C	20528	35518	72912	65802	17805	72500	00327	82820	87834	05301	13157	1////
D	20440	41018	62708	69011	23010	51501	00102	85830	/////	05402	149/6	1////
I	20589	18018	71630	98038	19309	784//	71329	85818	87630	05207	16732	1////
J	20522	19318	80707	96278	12307	6347/	00311	86915	88458	05606	107/1	11055
K	20452	14818	41208	80018	11711	48502	62214	82820	83650	05207	100/0	11043
M	23660	02218	72619	65038	37005	78400	00501	83810	85620	05401	12733	10242

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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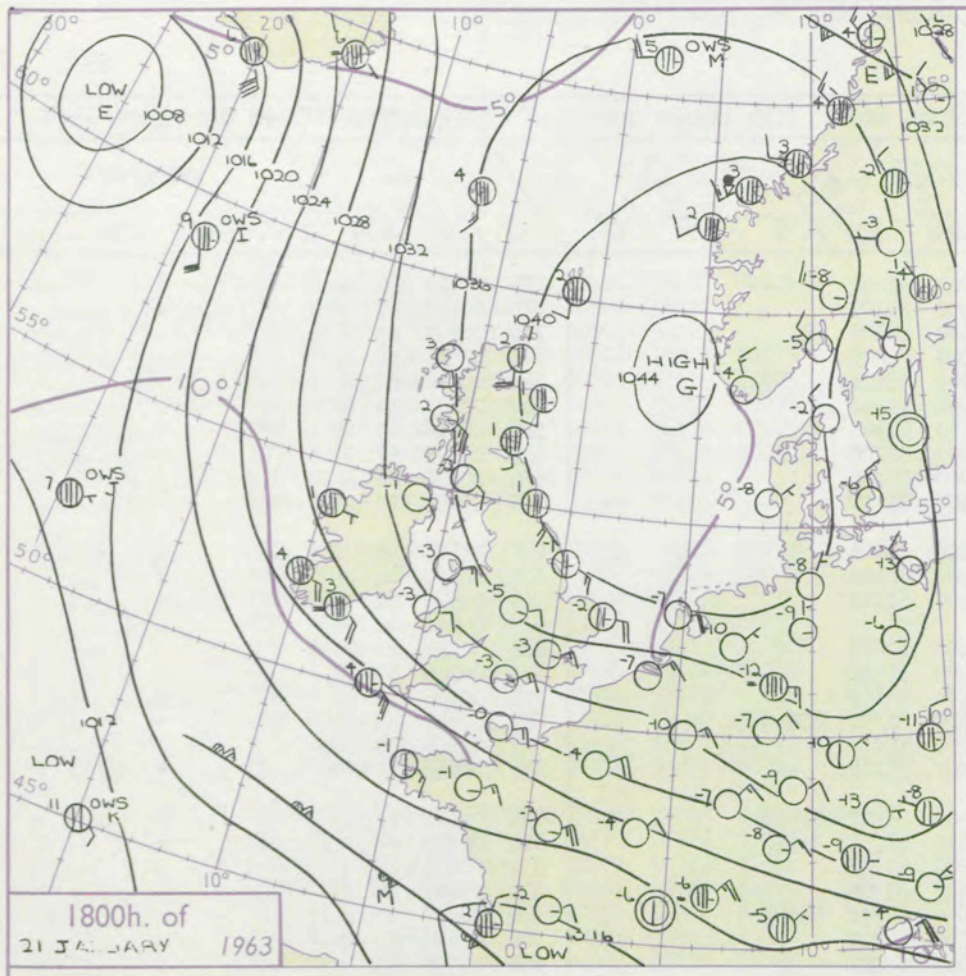
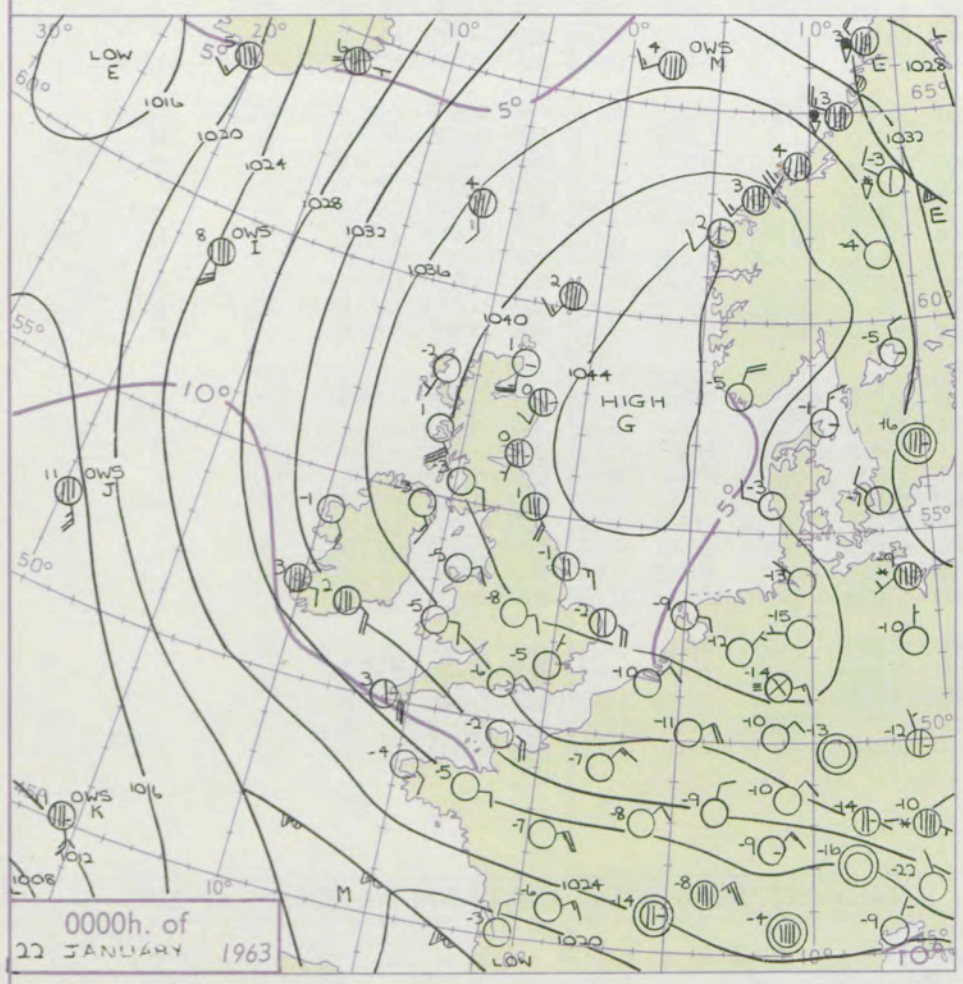
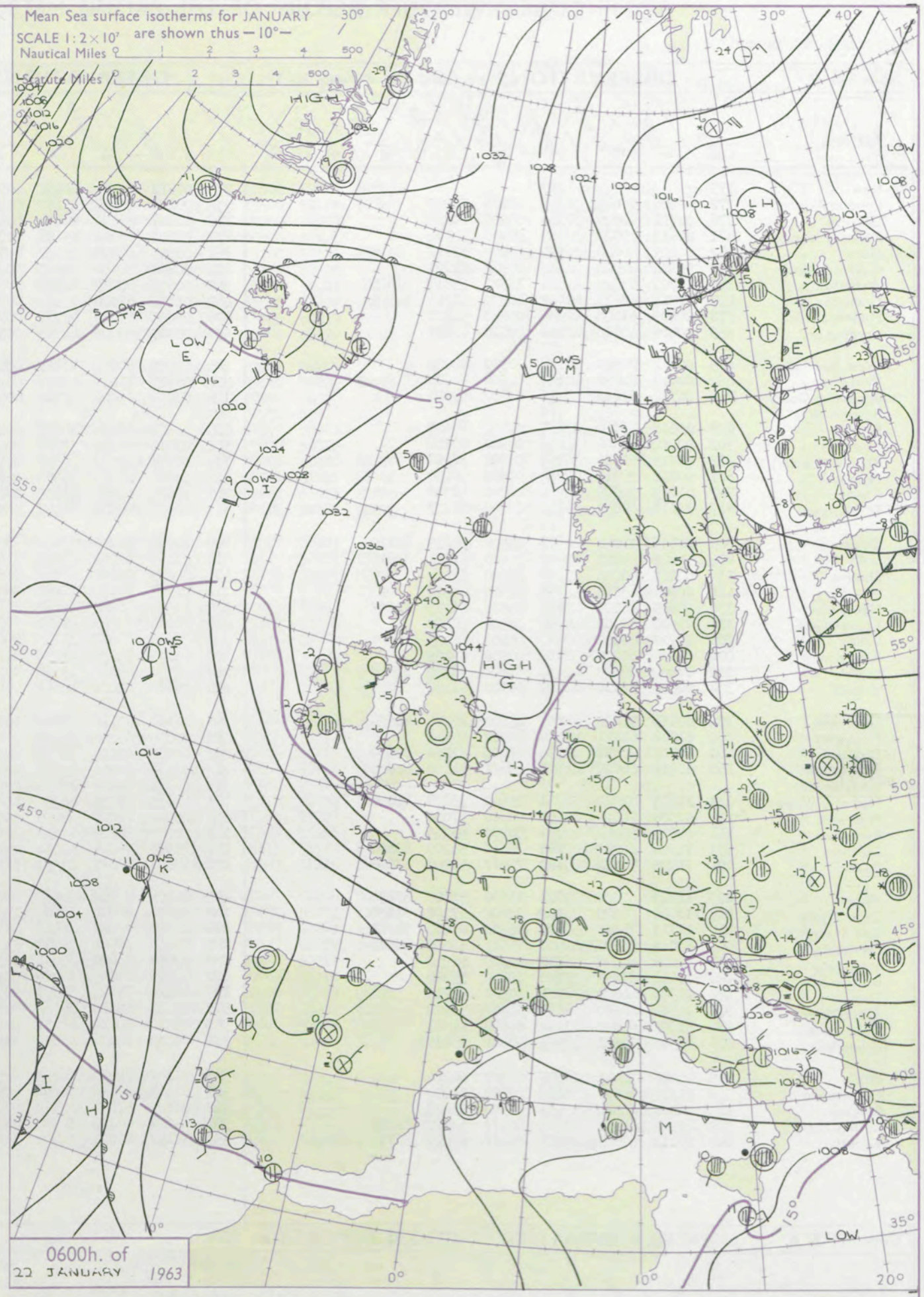
5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 22 January 1963

The strong anticyclone over south Norway yesterday has drifted southwest over the North Sea and will probably be centred over the Irish Sea tomorrow with a weak circulation over the whole of the British Isles. Strong cyclonic development has occurred over east Canada and a marked pressure fall will occur later over the Denmark Strait with a secondary pressure fall towards the depression slow moving near Madeira. Retrogression of the anticyclone near Britain will be assisted by the transfer southeast of the depression over north Norway.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Persistent frost in many areas and general frost tonight, mainly very severe. Clear skies in most parts but fog patches forming in some industrial areas and persisting during the morning in a light wind regime.

OUTLOOK following 24 hours.

The anticyclone will decline and probably move slowly south but the weather will remain very cold with some fog and extensive frost.

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

Code FM 11.A

OBSERVATIONS at 00h. 22 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			53					
London Airport	772	00306	58041	38355	00900	58220			
Gatwick	776	00711	66020	37956	00900	60220			
Thorney Island	871	00613	69020	37055	00900	56222			
Hurn	862	00609	66020	36556	00900	57222			
Guernsey	894	00924	64020	31252	00900	61221			
Wattisham	590	10709	63020	40056	15500	59217	81625		
Gorleston	497	41018	62021	41052	45500	57213	84622		
Mildenhall	578	00405	61020	40659	00900	61218			
Cardington	559	00409	58020	40160	00900	63218			
West Raynham	485	00911	80020	41157	00900	60212			
Wittering	462	00810	62020	41158	00900	60216			
Boscombe Down	746	00712	61020	37356	00900	59221			
Ross-on-Wye									
Bristol	628	00508	59020	37657	00900	60127			
Aberporth	502	00912	66020	35855	00900	60128			
Rhoose (Cardiff)	715	00719	61020	36455	00900	58222			
Plymouth	827	00721	59010	31852	00900	56230			
Chivenor	707	01015	59020	34254	00900	58318			
St. Mawgan	817	01019	66020	31253	00900	55137			
Culdrose	809	20933	37051	28501	25500	54219	82620		
Scilly	804	31029	59021	27803	35400	51214	83616		
Elmdon	534	00809	66020	40258	00900	61222			
Shawbury	414	00906	63020	40758	00900	60217			
Manchester	334	20915	66020	40854	25500	61217	82625		
Squires Gate	318	01504	40040	40554	00900	58112			
Valley	302	00710	64020	37255	00900	60215			
Ronaldsway	204	01133	60020	38752	00900	55109			
Carlisle	222	10000	59020	42154	15600	58210	81640		
Watnall	354	00809	58010	41659	00900	61108			
Spurn Head	396	40914	59020	41751	45500	57214	84625		
Finningley	360	01002	63011	42056	00900	59110			
Dishforth	261	20905	80011	42554	25600	57109	82630		
Tynemouth	262	61419	66022	42501	656//	54108	86635		
Eskdalemuir									
Mull of Galloway	131	21625	81020	38751	25600	53228	82630		
Prestwick	135	00908	70020	40353	00900	57010			
Renfrew	141	00706	58040	42052	00900	56215			
Leuchars	171	71806	80012	42800	756//	54209	87632		
Dyce	091	71809	74032	43400	755//	53208	87626		
Wick	075	11723	80020	39601	15600	53003	81630		
Cape Wrath	049	10000	86020	38102	15600	57207	81630		
Sule Skerry	010	11713	74020	37803	16500	01206	81725		
Lerwick	005	82014	82022	41902	855//	53000	88628		
Stornoway	026	02006	86020	38752	00900	54210			
Benbecula	022	01615	83020	37702	00900	55208			
Tiree	100	01328	66020	38001	00900	55210			
Aldergrove	917	01314	58020	38453	00900	55222			
Malin Head	980	01304	69020	37452	00900	55321			
Belmullet	976	01314	74011	32951	00900	55220			
Birr	965	01006	74021	34552	00900	56224			
Collinstown	969	01218	80020	35650	00900	54210			
Rineanna	962	01010	64020	33051	00900	55222			
Roches Point	952	61022	61021	31502	665//	53222	86723		
Valentia	953	80812	62022	29803	864//	52229	86719	88630	

OBSERVATIONS at 06h. 22 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	00512	70020	40455	00900	57204			
London Airport	772	00408	40040	41157	00900	59107			
Gatwick	776	00607	66020	40458	00900	60208			
Thorney Island	871	00714	63020	39656	00900	60209			
Hurn	862	00510	66020	39157	00900	58211			
Guernsey	894	00822	58050	34853	00900	59216			
Wattisham	590	00607	60020	42558	00900	61208			
Gorleston	497	01112	62020	43152	00900	58206			
Mildenhall	578	00605	61020	42761	00900	62208			
Cardington	559	00409	58020	42563	00900	65207			
West Raynham	485	00506	80020	43457	00900	60205			
Wittering	462	00709	61020	43058	00900	60108			
Boscombe Down	746	00816	61020	40258	00900	61212			
Ross-on-Wye									
Bristol	628	00508	59020	40458	00900	60210			
Aberporth	502	01010	66020	38356	00900	59212			
Rhoose (Cardiff)	715	00917	59020	39356	00900	58109			
Plymouth	827	30812	48040	35952	25600	54227	83630		
Chivenor	707	00916	59020	37155	00900	59217			
St. Mawgan	817	00912	59020	34453	00900	55218			
Culdrose	809	21026	58050	33001	25500	53219	82623		
Scilly	804	31023	58011	31203	35400	51212	83616		
Elmdon	534	00000	69020	42360	00900	61108			
Shawbury	414	01002	59020	42961	00900	63305			
Manchester	334	10000	66020	42856	15600	62108	81635		
Squires Gate	318	01004	57040	42659	00900	60207			
Valley	302	00906	63020	39755	00900	60211			
Ronaldsway	204	01129	74020	41253	00900	55211			
Carlisle	222	00000	69020	43556	00900	59303			
Watnall	354	00603	62020	43561	00900	62104			
Spurn Head	396	11408	63010	43652	10940	56205	81360		
Finningley	360	00000	63020	44259	00900	60110			
Dishforth	261	00000	80020	44358	00900	60106			
Tynemouth	262	02302	58011	43853	00900	54208			
Eskdalemuir	162	00101	66020	45059	00900	61702			
Mull of Galloway	131	41622	81031	40352	45600	53205	84630		
Prestwick	135	00000	74020	42056	00900	59205			
Renfrew	141	00000	66020	43258	00900	60205			
Leuchars	171	12105	74021	43254	15600	55602	81630		
Dyce	091	12004	82021	43353	15500	55706	81625		
Wick	075	02109	80020	39850	00900	53805			
Cape Wrath	049	12302	86020	38601	15600	56706	81630		
Sule Skerry	010	12702	82020	38403	16500	01703	81725		
Lerwick	005	82013	82022	40402	855//	51708	88622		
Stornoway	026	02012	83020	39001	00900	54706			
Benbecula	022	02009	85030	38800	00900	56302			
Tiree	100	01422	74020	39801	00900	55307			
Aldergrove	917	01523	62020	38352	00900	54805			
Malin Head	980	01310	74020	38452	00900	55113			
Belmullet	976	01313	74020	35252	00900	57213			
Birr	965	01112	74020	36453	00900	56005			
Collinstown	969	01417	80010	38052	00900	55304			
Rineanna	962	01007	61020	35152	00900	56207			
Roches Point	952	81121	66020	34502	865//	53210	88723		
Valentia	953	11117	66021	31802	16400	53114			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00567	62	+	+
London Airport	772	00597	63	+	+
Gatwick	776	00597	65	+	+
Thorney Island	871	00576	59	+	+
Hurn	862	00616	62	+	+
Guernsey	894	00533	54	+	+
Wattisham	590	00616	63	+	+
Gorleston	497	00523	57	+	+
Mildenhall	578	00626	66	+	+
Cardington	559	97677	70	+	+
West Raynham	485	00607	62	+	+
Wittering	462	00597	64	+	+
Boscombe Down	746	00597	61	+	+
Ross-on-Wye	627	00637	72	+	+
Bristol	628	00597	61	+	+
Aberporth	502	00566	59	+	+
Rhoose (Cardiff)	715	00576	58	+	+
Plymouth	827	00536	55	+	+
Chivenor	707	00555	58	+	+
St. Mawgan	817	00546	55	++	+
Culdrose	809	00513	51	+	+
Scilly	804	00021	//	+	+
Elmdon	534	00637	68	+	+
Shawbury	414	00647	68	+	+
Manchester	334	00577	63	+	+
Squires Gate	318	00596	63	+	+
Valley	302	00575	63	+	+
Ronaldsway	204	00536	54	+	+
Carlisle	222	00573	61	+	+
Watnall	354	00628	68	+	+
Spurn Head	396	00525	//	+	+
Finningley	360	00619	65	+	ff
Dishforth	261	00606	61	+	+
Tynemouth	262	00553	57	+	+
Eskdalemuir	162	00617	65	+	+
Mull of Galloway	131	00013	//	/	/
Prestwick	135	00593	67	+	+
Renfrew	141	00593	63	+	+
Leuchars	171	00565	59	+	+
Dyce	091	00546	57	+	+
Wick	075	00511	54	+	+
Cape Wrath	049	00003		+	+
Sule Skerry	010	00023	52	/	/
Lerwick	005	00515	51	+	+
Stornoway	026	00543	58	+	+
Benbecula	022	00525	57	+	+
Tiree	100	00003	52	+	+
Aldergrove	917	00537	55	+	+
Malin Head	980	00535	55	/	/
Belmullet	976	00533	56	/	/
Birr	965	00558	61	/	/
Collinstown	969	00523	53	/	/
Rineanna	962	00545	54	/	/
Roches Point	952	00015	01	/	/
Valentia	953	00013	51	/	/

CONVE TA °C t

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

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33000	20506	80020	18606	28500	00227	/////	/////	05003	10521	14944
B	30565	51000	81453	18617	88703	80321	007102	88508	/////	05101	16444	1////
C	30528	35500	23606	65021	21306	25600	00307	82625	/////	05201	13156	1////
D	30440	41000	81810	65032	23210	2552/	00705	82625	88466	05603	149/5	1////
I	30587	17800	81624	98028	25208	856//	41227	88640	/////	05206	16640	1////
J	30522	19400	61327	98031	15511	68531	00015	84820	85630	05008	11336	10757
K	30451	13400	71416	65025	12611	35642	61002	83640	86076	05208	11243	149/2
M	33660	02000	82515	65028	35704	884//	51804	84810	88625	05600	12833	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	33106	30305	80030	19605	28500	00500	/////	/////	05203	100/0	14944
B	30565	51006	81450	09615	69305	872//	00664	88705	/////	00304	16457	1////
C	30528	35506	81707	65021	19405	00907	00707	882//	/////	05402	13243	1////
D	30440	41006	81820	63612	19912	2752/	00712	83725	88459	05208	149/5	1////
I	30588	18406	11718	98021	25209	15500	61502	81640	/////	05006	11735	149/8
J	30523	19506	21322	98028	19710	25600	00121	82630	/////	05108	11333	10756
K	30541	15606	81230	60636	11711	772//	00302	87704	/////	05409	11245	13052
M	33659	01706	82422	65022	31705	855//	51729	88620	/////	05301	12533	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36952

Date of Issue, Wednesday 23 January 1963

OBSERVATIONS at 12h. 22 January 1963

Code FM 11.A

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Kew	775	00611	21050	43252	00900	60103			
London Airport	772	00912	48040	43452	00900	57001			
Gatwick	776	00608	62020	43353	00900	60001			
Thorney Island	871	00712	80020	42753	00900	59006			
Hurn	862	00609	62020	42053	00900	54006			
Guernsey	894	00925	66020	37651	00900	59106			
Wattisham	590	10406	50040	44354	00901	57000	81075		
Gorleston	497	00704	64010	45457	00900	57208			
Mildenhall	578	00401	48050	44753	00900	57400			
Cardington	559	00000	48020	45056	00900	60103			
West Raynham	485	00907	80020	45253	00900	56004			
Wittering	462	00704	28040	45054	00900	58101			
Boscombe Down	746	00812	62020	43055	00900	59011			
Ross-on-Wye	627	03301	48020	44157	00900	59104			
Bristol	628	00608	58050	43455	00900	59009			
Aberporth	502	01211	83020	40952	00900	60007			
Rhoose (Cardiff)	715	00818	58050	42654	00900	57112			
Plymouth	827	00818	56040	38552	00900	55217			
Chivenor	707	00921	61020	39751	00900	58107			
St. Mawgan	817	00919	63020	37451	00900	54114			
Culdrose	809	10933	60050	36003	11400	54217	81815		
Scilly	804	21224	61020	35204	21400	53211	82812		
Elmdon	534	03402	18050	44956	00900	60008			
Shawbury	414	01303	32040	45259	00900	61108			
Manchester	334	00000	61020	45151	00900	57110			
Squires Gate	318	01213	26040	44353	00900	57202			
Valley	302	00000	74050	42100	00900	55109			
Ronaldsway	204	11024	64020	43151	15500	55209	81620		
Carlisle	222	01106	80020	45051	00900	57106			
Watnall	354	00000	14044	45555	00900	58102			
Spurn Head	396	00000	48040	45500	00900	53400			
Finningley	360	03402	16044	45654	00900	56104			
Dishforth	261	13503	32040	46054	15600	57003	81635		
Tynemouth	262	02308	32050	45252	00900	54803			
Eskdalemuir	162	00000	74020	45857	00900	61102			
Mull of Galloway	131	21816	80010	42651	21500	51327	82825		
Prestwick	135	01003	56040	43651	00900	56205			
Renfrew	141	00000	05464	44154	00900	56802			
Leuchars	171	02305	66020	43750	00900	56002			
Dyce	091	02009	66020	42950	00900	56707			
Wick	075	02113	89020	39401	00900	54708			
Cape Wrath	049	01802	83020	39502	00900	54201			
Sule Skerry	010	12505	84020	38705	15600	02203	81630		
Lerwick	005	52409	80021	38903	55500	51605	85622		
Stornoway	026	12114	87020	40103	15600	55001	81640		
Benbecula	022	51818	80031	40002	55600	54101	85630		
Tiree	100	71525	74031	40601	755//	53209	87625		
Aldergrove	917	11514	62023	41200	11500	54015	81822		
Malin Head	980	11617	69020	39800	11500	54004	81822		
Belmullet	976	01616	80020	37451	00900	54306			
Birr	965	01208	80020	39251	00900	56203			
Collinstown	969	11414	69050	40901	15500	56008	81630		
Rineanna	962	30912	64011	37900	35600	53210	83645		
Roches Point	952	71215	62022	37703	755//	52112	87624		
Valentia	953	20909	69010	34904	28500	52106	81822		

OBSERVATIONS at 18h. 22 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Kew	775	00308	57040	43352	00900	57206			
London Airport	772	00508	19040	43953	00900	56007			
Gatwick	776	00305	58050	43855	00900	59104			
Thorney Island	871	00605	66020	43055	00900	59206			
Hurn	862	00103	62020	42355	00900	60303			
Guernsey	894	00822	60020	38651	00900	57204			
Wattisham	590	00603	59020	44854	00900	57206			
Gorleston	497	00606	64020	44751	00900	56301			
Mildenhall	578	00000	40040	44756	00900	58206			
Cardington	559	00305	23020	44760	00900	62204			
West Raynham	485	00705	58020	45055	00900	59205			
Wittering	462	00803	32050	44855	00900	58204			
Boscombe Down	746	00709	37050	43355	00900	62203			
Ross-on-Wye	627	00101	48020	44356	00900	60110			
Bristol	628	00406	40050	43458	00900	60203			
Aberporth	502	01409	80020	42054	00900	59309			
Rhoose (Cardiff)	715	00612	56050	42655	00900	59105			
Plymouth	827	10815	57040	39551	15500	54303	81620		
Chivenor	707	00705	59020	41354	00900	59209			
St. Mawgan	817	10813	58020	39552	15500	55208	81620		
Culdrose	809	50815	66051	37901	55400	54216	85618		
Scilly	804	21022	59020	36803	21400	51101	82816		
Elmdon	534	00000	26040	44458	00900	60101			
Shawbury	414	01202	14040	45060	00900	63302			
Manchester	334	01205	40050	44554	00900	57702			
Squires Gate	318	01312	19040	44256	00900	59202			
Valley	302	00702	66050	42653	00900	55201			
Ronaldsway	204	01111	62020	42851	00900	54201			
Carlisle	222	11603	62050	44053	15600	58502	81645		
Watnall	354	00000	17040	45557	00900	59301			
Spurn Head	396	00000	48050	44750	00900	56101			
Finningley	360	00000	48040	45355	00900	59302			
Dishforth	261	02802	23040	45356	00900	58203			
Tynemouth	262	02010	16050	44353	00900	56801			
Eskdalemuir	162	00000	62020	45760	00900	62000			
Mull of Galloway	131	32014	66030	42800	31500	52201	83820		
Prestwick	135	01605	60040	42353	00900	59501			
Renfrew	141	00000	07464	43355	00900	57801			
Leuchars	171	02706	48040	42355	00900	58704			
Dyce	091	00000	48040	40755	00900	58808			
Wick	075	02703	89020	38654	00900	58303			
Cape Wrath	049	42309	86030	37902	455//	54708	84625		
Sule Skerry	010	62513	82031	37904	4556/	01702	84625	86360	
Lerwick	005	22505	82011	36701	25500	51709	82625		
Stornoway	026	72020	74032	38903	755//	51001	87628		
Benbecula	022	51812	74031	38601	55500	53303	85625		
Tiree	100	11623	74011	39503	15500	53602	81625		
Aldergrove	917	01405	59020	41953	00900	57305			
Malin Head	980	01613	82020	39852	00900	57001			
Belmullet	976	20907	80030	38251	20932	54214	82359		
Birr	965	11410	80020	40051	15600	56205	81635		
Collinstown	969	01511	61040	41451	00900	58203			
Rineanna	962	11009	66011	38900	15600	52212	81640		
Roches Point	952	51215	62012	38103	555//	51007	85623		
Valentia	953	11013	69010	35004	15500	52107	81822		

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00517	054 +		+
London Airport	772	00517	019 +		+
Gatwick	776	00527	071 +		+
Thorney Island	871	00516	077 +		+
Hurn	862	00526	/// +		+
Guernsey	894	00003	079 +		+
Wattisham	590	00516	/// +		+
Gorleston	497	00513	059 +		+
Mildenhall	578	00506	062 +		+
Cardington	559	00537	078 +		+
West Raynham	485	00527	061 +		+
Wittering	462	00527	073 +		+
Boscombe Down	746	00537	079 +		+
Ross-on-Wye	627	00527	074 +		+
Bristol	628	00537	068 +		+
Aberporth	502	00506	080 +		+
Rhoose (Cardiff)	715	00536	075 +		+
Plymouth	827	00506	067 +		+
Chivenor	7070	00505	079 +		+
St. Mawgan	817	00006	074 +		+
Culdrose	809	00013	067 +		+
Scilly	804	00051	073 +		+
Elmdon	534	00537	070 +		+
Shawbury	414	00547	015 +		+
Manchester	334	00517	072 +		+
Squires Gate	318	00516	064 +		+
Valley	302	00025	079 +		+
Ronaldsway	204	00006	060 +		+
Carlisle	222	00013	070 +		+
Watnall	354	00527	033 +		+
Spurn Head	396	00025	061 +		+
Finningley	360	00019	036 +		+
Dishforth	261	00006	058 +		+
Tynemouth	262	00513	049 +		+
Eskdalemuir	162	00537	053 +		+
Mull of Galloway	131	00013	/// /		/
Prestwick	135	00003	067 +		+
Renfrew	141	00503	031 ffff		ff
Leuchars	171	00005	070 +		+
Dyce	091	00506	067 +		+
Wick	075	00021	060 +		+
Cape Wrath	049	00033	/// +		+
Sule Skerry	010	00050	/// /		/
Lerwick	005	00045	020 +		+
Stornoway	026	00033	047 +		+
Benbecula	022	00035	032 +		+
Tiree	100	00033	017 +		+9
Aldergrove	917	00017	068 ks_0		+
Malin Head	980	0002	069		
Belmullet	976	0001	071		
Birr	965	9701	072		
Collinstown	969	0001	069		
Rineanna	962	0002	048		
Roches Point	952	0003	005		
Valentia	953	0005	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	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HP_w$	$Id_wd_wP_HP_w$
A	30620	33212	41212	80021	19305	38641	00702	/////	/////	05203	11221	14955
B	30565	51012	82540	28717	78956	873//	00264	88808	/////	06657	16556	1////
C	30528	35512	81632	65032	14107	6247/	00829	88464	/////	05103	11635	1////
D	30440	41012	82331	58616	15715	7742/	00612	87815	88556	00014	12337	1////
I	30589	18813	71920	98258	26009	734/1	00310	81915	84820	00008	11933	14915
J	30523	19612	81422	98018	22211	5567/	00017	81715	85640	05107	11433	11048
K	30451	15612	81241	57616	11912	783//	31210	84808	87619	05211	11048	11544
M	33660	02012	82718	65252	28005	5847/	00816	84810	86350	05402	12633	1////

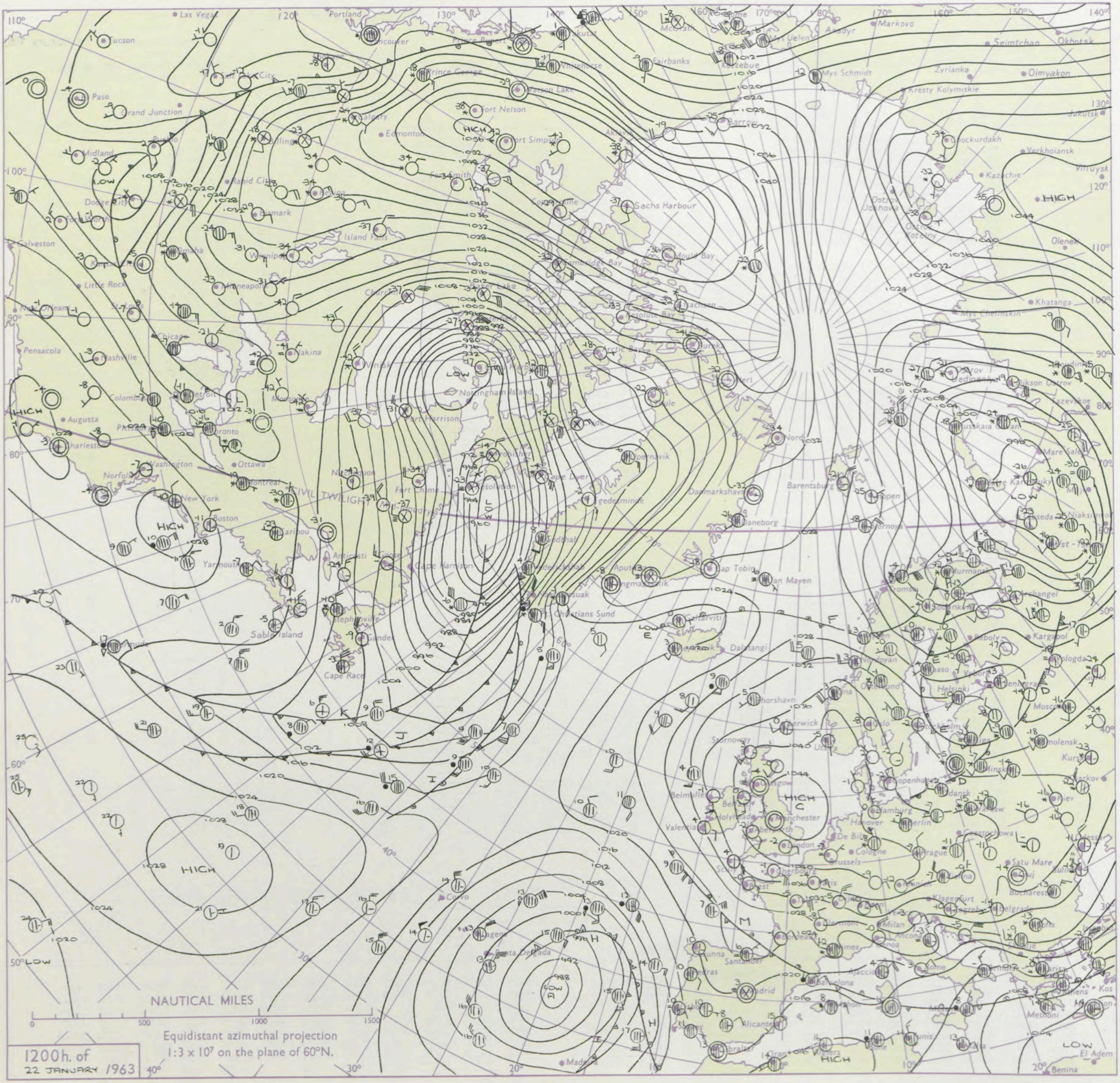
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HP_w$	$Id_wd_wP_HP_w$
A	30620	33018	71416	75158	15305	795//	00718	/////	/////	05201	11422	14955
B	30565	51018	62539	61857	02362	62400	00261	86810	/////	07565	17466	1////
C	30528	35518	81640	58616	05308	6742/	00747	86815	88550	00106	16641	1////
D	30440	41018	82328	65258	12617	22567	00610	82830	8821/	00315	12337	1////
I	30590	18818	41924	98021	24309	48400	00707	81815	83640	00007	11934	11343
J	30523	19519	71419	97038	23011	37478	00212	83715	84360	05108	11435	10945
K	30449	15618	81234	65026	14712	785//	31225	85820	87631	05010	11148	11644
M	33660	02118	82427	60608	22505	6742/	51532	86710	38456	05303	12634	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


NAUTICAL MILES
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Equidistant azimuthal projection
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22 JANUARY 1963
CIVIL TWILIGHT
HIGH
LOW
Las Vegas
Tucson
Portland
Vancouver
Prince Rupert
Whitehorse
Fairbanks
Mys Schmidt
Markovo
Anadyr
Seimtchan
Okhotsk
Yakutsk
Prince George
Watson Lake
Fort Nelson
Calgary
Edmonton
Fort Simpson
Barrow
Oimyakon
Zyrianka
Kresty Kolymiskie
Verkhoiansk
Vilyuysk
Kazachie
Grand Junction
Midland
Dodge City
Fort Worth
Galveston
Rapid City
Bismark
Omaha
Minneapolis
Winnipeg
Island Falls
Fort Smith
Coppermine
Sachs Harbour
Cambridge Bay
Moulte Bay
Resolute Bay
Baker Lake
Churchill
Little Rock
New Orleans
Pensacola
Nashville
Chicago
Detroit
Toronto
Ottawa
Montreal
Washington
Norfolk
New York
Boston
Augusta
Charleston
Yarmouth
Sable Island
Bermuda
Caribou
Stephenville
Gander
Cape Race
Nakina
Winisk
Nottingham Island
Fort Harrison
Nain
Hopedale
Resolution
Fort Chimo
Cape Dyer
Cape Harrison
Agedeminde
Arctic Bay
Hall Beach
Pond Inlet
Spence Bay
Cape Lyon
Nord
Spitsbergen
Bear Island
Jan Mayen
Danmarkshavn
Barentsburg
Mys Chelinskin
Khatanga
Olenek
Ostrov Kotelny
Ostrov Ushakova
Ostrov Vrangelya
Ostrov Wrangel
Ostrov Medvejiy
Ostrov Kolyuchin
Tazevskoe
Russkaia Gavan
Mare Gale
Mys Uelen
Aputiteeq
Angmagssalik
Christians Sund
Godthaab
Stephenville
Sable Island
Cape Race
Gander
Bermuda
Caribou
Yarmouth
Antigonish
Cape Harrison
Cape Dyer
Fort Chimo
Nain
Hopedale
Resolution
Agedeminde
Godthaab
Aputiteeq
Angmagssalik
Christians Sund
Cartarviti
Dalrangi
Jan Mayen
Bear Island
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Archangel
Kotlas
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Gorki
Kuibyshev
Saratov
Kharkov
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Iceland
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Keflavik
Sondre Stromfjord
Godthaab
Frobisher
Resolution
Cape Dyer
Cape Harrison
Nain
Hopedale
Agedeminde
Arctic Bay
Hall Beach
Pond Inlet
Spence Bay
Cape Lyon
Nord
Spitsbergen
Bear Island
Jan Mayen
Danmarkshavn
Barentsburg
Mys Chelinskin
Khatanga
Olenek
Ostrov Kotelny
Ostrov Ushakova
Ostrov Vrangelya
Ostrov Medvejiy
Ostrov Kolyuchin
Tazevskoe
Russkaia Gavan
Mare Gale
Mys Uelen
Anadyr
Markovo
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Oimyakon
Zyrianka
Kresty Kolymiskie
Verkhoiansk
Vilyuysk
Kazachie
Chockurdakh
Barrow
Fairbanks
Whitehorse
Watson Lake
Fort Nelson
Prince George
Vancouver
Prince Rupert
Portland
Las Vegas
Tucson
Grand Junction
Midland
Dodge City
Fort Worth
Galveston
Rapid City
Bismark
Omaha
Minneapolis
Winnipeg
Island Falls
Fort Smith
Coppermine
Sachs Harbour
Cambridge Bay
Moulte Bay
Resolute Bay
Baker Lake
Churchill
Little Rock
New Orleans
Pensacola
Nashville
Chicago
Detroit
Toronto
Ottawa
Montreal
Washington
Norfolk
New York
Boston
Augusta
Charleston
Yarmouth
Sable Island
Bermuda
Caribou
Stephenville
Gander
Cape Race
Nakina
Winisk
Nottingham Island
Fort Harrison
Nain
Hopedale
Resolution
Fort Chimo
Cape Dyer
Cape Harrison

CHARTS OF WEATHER IN WEST EUROPE

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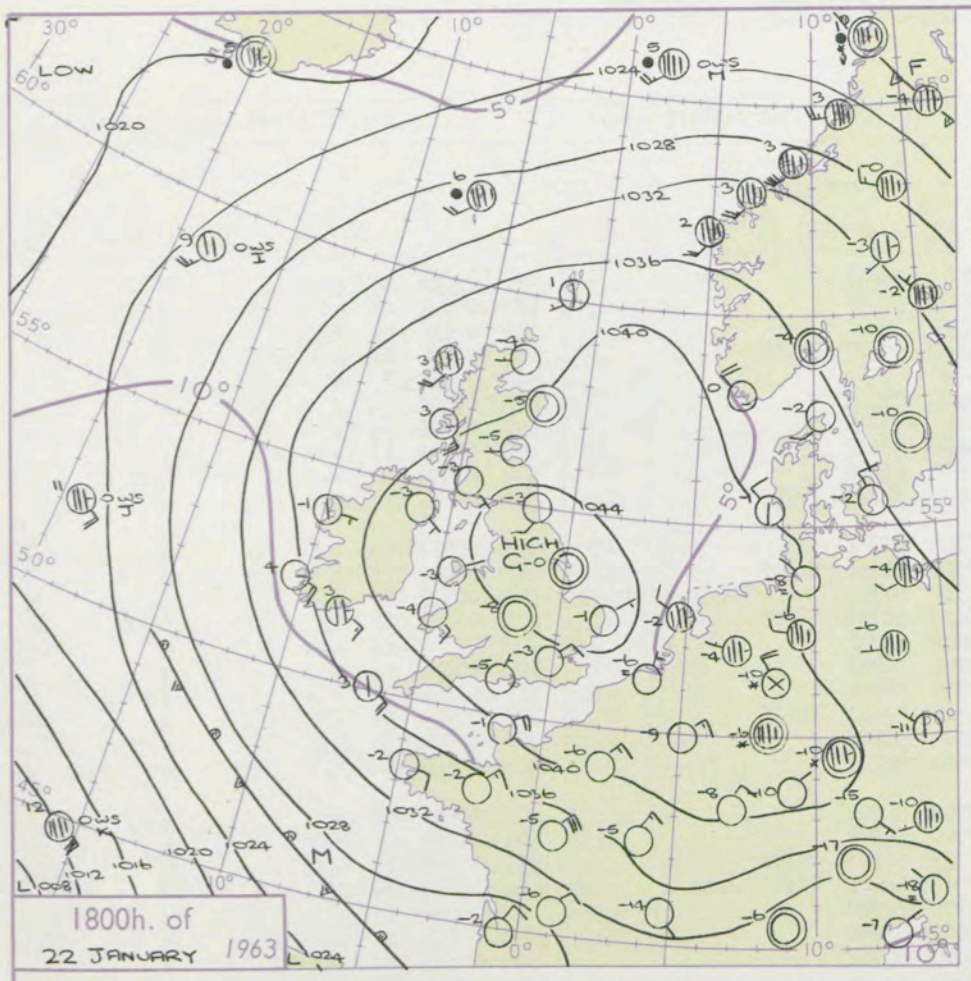
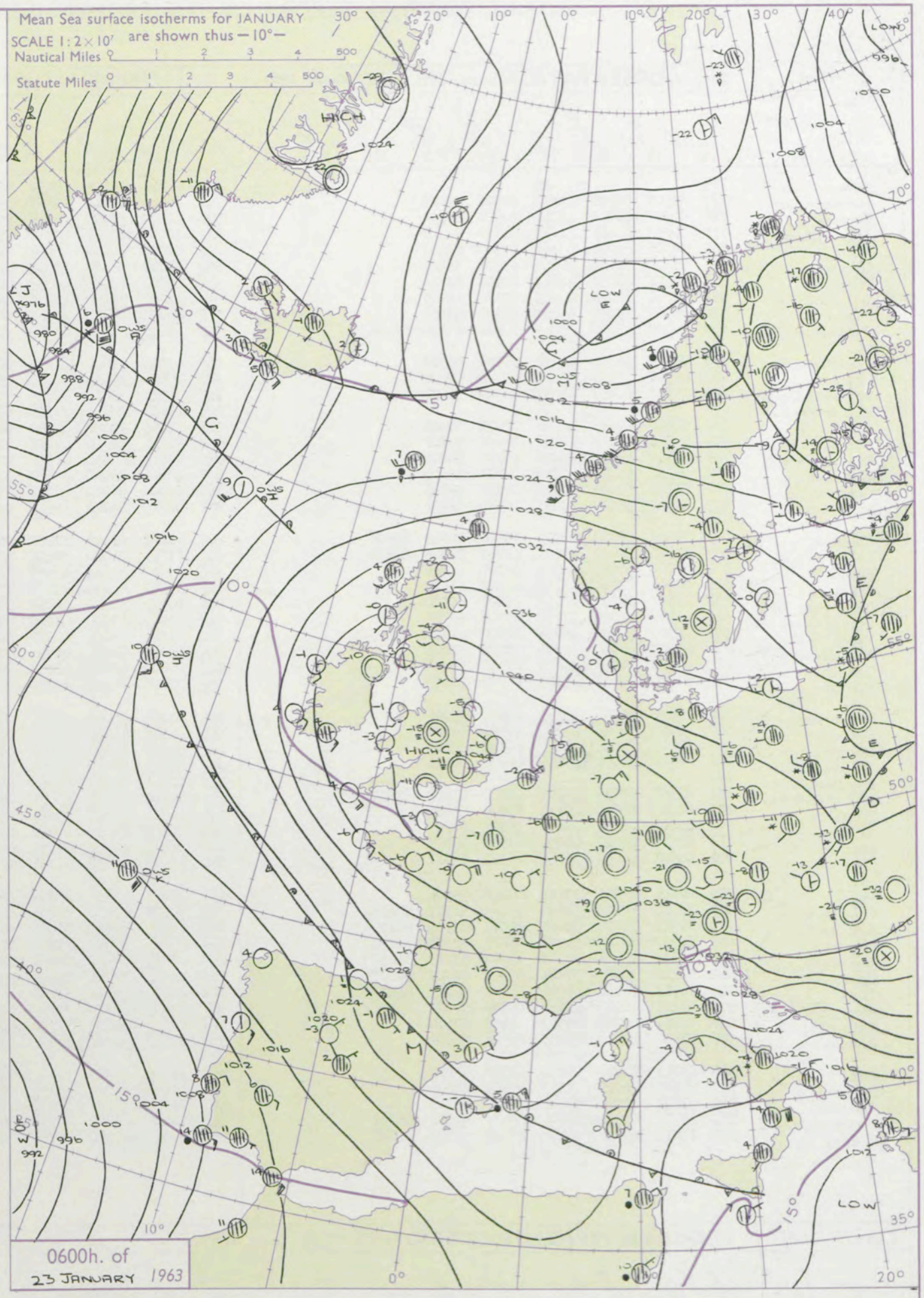
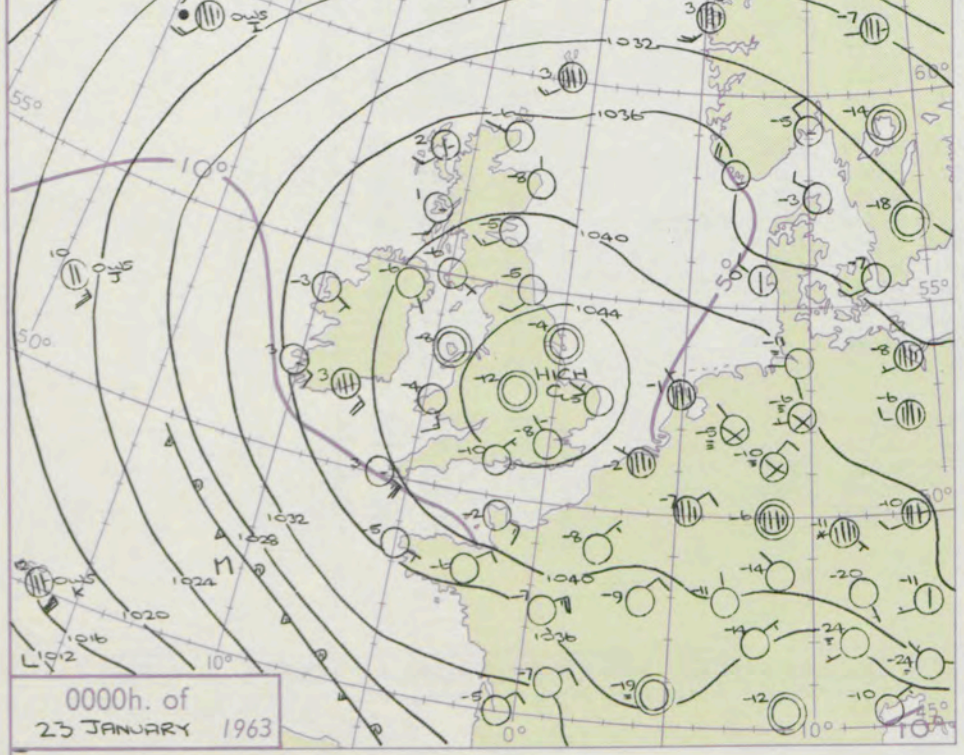
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 23 January 1963

The strong anticyclone centred over Lincolnshire yesterday has continued to drift south and is expected to be centred over northeast France tomorrow. A southwesterly airflow over much of Scotland will tend to extend slowly south. A depression over the Norwegian Sea will move southeast across Norway to be followed by a rather weak ridge ahead of a deep depression moving northeast in the Denmark Strait.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Persistent frost over most of England, Wales, Northern Ireland and much of the southeastern half of Scotland. Very severe frost tonight. Fog in patches today in central areas of England becoming rather widespread tonight. Cloudy weather with temperatures above freezing in northwest Scotland extending slowly south

OUTLOOK for following 24 hours

Little change in the south. Changeable in the north but tending to become less cold.

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

Code FM 11.A

OBSERVATIONS at 00h. 23 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			55					
London Airport	772	03505	12040	44658	00900	59000			
Gatwick	776	00000	40050	44763	00900	64801			
Thorney Island	871	00202	66020	41057	00900	60100			
Hurn	862	00306	66020	43360	00900	62003			
Guernsey	894	01020	66020	40251	00900	58400			
Wattisham	590	03601	48050	44860	00900	61804			
Gorleston	497	03006	62024	41355	00900	58809			
Mildenhall	578	00000	19050	41662	00900	63808			
Cardington	559	90000	F5494	45565	9/0//	66400	89/02		
West Raynham	485	00000	56020	44957	00900	59807			
Wittering	462	00301	16100	45360	00900	61000			
Boscombe Down	746	00817	40050	44257	00900	59101			
Ross-on-Wye	627								
Bristol	628	00206	40050	44658	00900	59204			
Aberporth	502	01716	69020	42054	00900	59801			
Rhoose (Cardiff)	715	00812	48050	43856	00900	58002			
Plymouth	827	00908	56020	40852	00900	55802			
Chivenor	707	01305	59020	42556	00900	59105			
St. Mawgan	817	01017	58020	40253	00900	55801			
Culdrose	809	30920	58020	38902	35500	02803	83620		
Scilly	804	11123	59020	37603	11400	52205	81818		
Elmdon	534	00000	04044	45562	00900	64210			
Shawbury	414	00000	12040	45765	00900	67501			
Manchester	334	01507	19040	45157	00900	60000			
Squires Gate	318	01308	13040	43758	00900	60703			
Valley	302	00000	58040	42758	00900	61102			
Ronaldsway	204	00408	58020	42854	00900	57001			
Carlisle	222	00000	48050	44059	00900	62801			
Watnall	354	00000	14040	45460	00900	61803			
Spurn Head	396	00000	16054	44554	00900	56706			
Finningley	360	02005	07044	44760	00900	63807			
Dishforth	261	01505	09044	43858	00900	60813			
Tynemouth	262	02310	37050	43055	00900	61711			
Eskdalemuir	162								
Mull of Galloway	131	22308	63010	42701	25600	53400	82630		
Prestwick	135	01205	58040	42156	00900	59805			
Renfrew	141	00000	04464	42458	00900	60705			
Leuchars	171	02614	48040	40255	00900	59713			
Dyce	091	03601	56040	39058	00900	62711			
Wick	075	02806	89020	37556	00900	59504			
Cape Wrath	049	72318	83022	34602	755//	51717	87625		
Sule Skerry	010	82513	74022	36005	864//	02704	88715		
Lerwick	005	82517	82022	33903	856//	52818	88630		
Stornoway	026	32313	74011	37002	35600	53713	83630		
Benbecula	022	72116	74021	37603	755//	52709	87627		
Tiree	100	11913	74020	39001	15500	54709	81628		
Aldergrove	917	01601	66020	41856	00900	59802			
Malin Head	980	02017	82020	39552	00900	57504			
Belmullet	976	01107	80020	38253	00900	56805			
Birr	965	01313	74020	40051	00900	53805			
Collinstown	969	01404	66020	41352	00900	57706			
Rineanna	962	01217	66020	38051	00900	53708			
Roches Point	953	61318	62031	38503	664//	00504	86717		
Valentia	953	11011	69020	36103	11500	52802	81822		

OBSERVATIONS at 06h. 23 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
775	01702	07444	43157	00900	59607			
772	00000	11040	43561	00900	62506			
776	00000	56020	43966	00900	68702			
871	10606	66020	42957	15600	58505	81630		
862	00000	62020	42061	00900	63710			
894	01118	66020	40352	00900	58604			
590	00000	58020	43358	00900	59709			
497	03107	32050	43256	00900	57608			
578	00000	05484	43265	00900	65710			
559	90000	F3494	43763	9/0//	64711	89/02		
485	02616	56020	43259	00900	61711			
462	12908	17040	43463	15500	64710	81625		
746	00911	32050	42959	00900	61709			
627	81001	08444	///66	862//	68715	88703		
628	00905	21050	42561	00900	63712			
502	01616	69020	40253	00900	58712			
715	00810	40050	41957	00900	58616			
827	10808	48040	39852	15500	53611	81628		
707	00905	56020	40755	00900	58608			
817	00915	63020	38953	00900	55705			
809	01017	69020	37801	00900	53801			
804	01221	74020	36404	00900	54708			
534	90000	F1494	43465	9/0//	66713	89/00		
414	90000	F4494	43165	9/0//	68712	89/00		
334	00000	37040	42860	00900	62808			
318	01209	17040	41660	00900	61609			
302	01911	61020	40951	00900	55711			
204	02010	59040	41051	00900	54711			
222	00000	48020	41860	00900	62710			
354	02802	06044	43260	00900	61508			
396	02706	32050	42655	00900	57712			
360	01803	04444	42763	00900	65607			
261	00000	14044	41559	00900	63616			
262	02507	49050	40455	00900	61714			
162	40301	24031	42356	46000	57512	84701		
131	02315	66020	42801	00900	54200			
135	21608	56041	39653	25500	55707	82625		
141	00000	05424	40160	00900	61810			
171	02415	40042	37554	00900	56717			
091	13502	66030	37761	10930	64609	81360		
075	12107	83030	35352	15600	57709	81630		
049	82337	83032	32203	855//	51706	87625		
010	82324	66022	31905	864//	04724	88715		
005	82425	80022	29304	855//	01726	86615	88628	
026	82017	80032	34404	856//	00718	88640		
022	42016	74011	35303	45600	52713	84630		
100	22006	74030	37450	25500	53709	82620		
917	00000	62020	39760	00900	62714			
980	02117	80020	37752	00900	55607			
976	31608	80030	36251	35600	53706	83640		
965	01105	74020	38651	00900	53812			
969	01504	66020	39552	00900	55711			
962	21116	58101	37300	25500	52716	82625		
952	71415	66022	37104	764//	00709	87719		
953	00911	69020	34704	00900	51710			

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97597	66	ff	FFff
772	00627	65	+	+
776	00677	68	+	+
871	00586	62	+	+
862	00636	65	+	+
894	00533	54	+	+
590	00606	65	+	+
497	00583	61	+	+
578	00656	68	+	FFff
559	97667	70	FF	FF
485	00617	65	+	+
462	00647	66	+	+
746	00627	63	+	+
627	00667	72	ff	ffFF
628	00627	66	+	+
502	00556	59	+	+
715	00596	61	+	+
827	00535	56	+	+
707	00565	63	+	+
817	00546	55	+	+
809	00013	51	+	+
804	00021	//	+	+
534	00667	70	ff	FF
414	97687	70	ff	FF
334	00607	65	+	+
318	00616	63	+	+
302	00585	62	+	+
204	00566	60	+	+
222	00613	64	+	+
354	00637	67	ff	ffFF
396	00565	//	+	+
360	00639	66	ff	ff
261	00616	61	ff	ff
262	00563	58	+	+
162	00647	66	+	+
131	00513	//	/	/
135	00583	64	/	/
141	00613	63	ff	ff
171	00575	59	+	+
091	00626	63	+	+
075	00573	60	+	+
049	00513	51	+	+
010	00051	02	/	/
005	97035	01	+	Id_o
026	00011	51	+	+
022	00015	52	+	+
100	00513	55	+	+
917	00617	65	+	+
980	00535	55	/	/
976	97543	59	/	/
965	97538	56	/	/
969	97553	61	/	/
962	97535	56	/	/
952	00035	01	/	/
953	00023	00	/	/

CONVE TAB °C t

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

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40619	32900	81331	70612	06906	6742/	00738	/////	/////	00004	11347	1////
B	40565	51000	82530	09858	01863	824//	00247	88810	/////	08165	17554	1////
C	40528	35500	83222	37456	07006	674//	00332	86710	83725	05205	17944	11839
D	40440	41000	83230	59618	16310	5742/	00232	85715	88540	05510	12949	1////
I	40592	18700	81922	97638	22609	8042/	00506	88510	/////	05007	11947	1////
J	40523	19600	41423	98031	22610	45501	00807	84625	/////	05207	11446	10945
K	40452	16200	71135	62022	17512	785//	71202	81826	86650	05208	11148	11645
M	43660	02000	82330	60616	15105	673//	/////	86707	/////	05304	12335	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40621	33106	81442	56686	94106	6742/	00760	/////	/////	05005	16452	1////
B	40565	51006	62537	63858	06863	62400	00329	86810	/////	08167	17552	1////
C	40528	35506	83228	63258	15101	856//	00239	88635	/////	05402	17941	1////
D	40440	41006	73428	63028	20310	745//	00324	87625	/////	05504	13149	1////
I	40593	18506	22034	97256	19509	224//	41709	82818	/////	05108	11948	1////
J	40523	19606	71625	98018	20410	785//	00715	83822	87628	05107	11546	10946
K	40450	16206	81032	60032	16311	855//	31704	88628	/////	05407	11149	11644
M	43659	01906	82625	60216	07805	6732/	51638	86707	/////	05303	12636	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36953 — Date of Issue Thursday 24 January 1963

OBSERVATIONS at 12h. 23 January 1963 (Code FM 11.A)

RSION LE °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
104	Kew	775	61603	09444	42654	655//	57810	86620		
102	London Airport	772	72602	05054	42857	755//	59810	87628		
100	Gatwick	776	70000	19041	42756	755//	58808	87628		
99	Thorney Island	871	80104	61021	41851	856//	55708	88630		
97	Hurn	862	00604	37050	40851	00900	56716			
95	Guernsey	894	51020	76011	39750	55400	57710	85618		
93	Wattisham	590	73509	56041	43054	756//	57802	87640		
91	Gorleston	497	13206	48050	42553	10970	57606	81360		
90	Mildenhall	578	00000	09424	43059	00900	61807			
88	Cardington	559	00000	07424	43560	00900	62708			
86	West Raynham	485	12406	48030	42754	00902	57808	81075		
84	Wittering	462	12505	37040	42654	00901	58809	81075		
82	Boscombe Down	746	30910	40051	41954	35600	56711	83630		
81	Ross-on-Wye	627	00000	04424	42862	00900	63805			
79	Bristol	628	10502	11050	42557	15600	59711	81630		
77	Aberporth	502	51813	82022	40351	00906	56707	85272		
75	Rhoose (Cardiff)	715	10810	23052	41954	15600	56706	81630		
73	Plymouth	827	71111	56702	39801	755//	53807	87620		
72	Chivenor	707	11110	58020	40402	15501	54807	81625		
70	St. Mawgan	817	11219	62020	38301	15540	53809	81620		
68	Culdrose	809	51219	66021	38402	55500	53001	85620		
66	Scilly	804	61118	74021	37304	64400	51105	86616		
64	Elmdon	534	11502	07044	42658	00901	59808	81068		
63	Shawbury	414	60902	07427	42961	00906	63807	86075		
61	Manchester	334	41807	28040	41652	00906	60809	84075		
59	Squires Gate	318	61510	10044	41153	00901	57807	86075		
57	Valley	302	71909	80031	40502	00902	55810	87075		
55	Ronaldsway	204	72110	66021	40203	65501	52807	86625	83075	
54	Carlisle	222	61604	11101	41052	10931	58712	81365	86072	
52	Watnall	354	22506	02044	42556	00901	57810	82080		
50	Spurn Head	396	52708	48031	41351	00908	56704	85275		
48	Finningley	360	41909	12044	41353	00901	57812	84075		
46	Dishforth	261	71102	07044	40353	00902	56814	87075		
45	Tynemouth	262	42518	32051	38751	00901	56713	84075		
43	Eskdalemuir	162	72407	18011	40953	762//	54811	87705		
41	Mull of Galloway	131	62318	74011	39304	31508	51703	83825	86275	
39	Prestwick	135	62108	28041	38301	25542	52510	82625	86070	
37	Renfrew	141	70000	05424	38551	45531	53712	84622	85070	
36	Leuchars	171	72410	48041	36801	00901	52808	87080		
34	Dyce	091	33303	40041	36357	10932	60707	81365	83070	
32	Wick	075	32416	80011	31402	10932	52714	81362	83075	
30	Cape Wrath	049	72330	81022	30304	785//	01400	87620		
28	Sule Skerry	010	72624	66012	30506	5747/	06709	85715	87460	
27	Lerwick	005	72627	61216	26906	654/2	04715	83615	84628	87075
25	Stornoway	026	62120	74012	33304	35630	00808	83635	83362	
23	Benbecula	022	72016	69031	34704	3853/	50604	81825	85359	
21	Tiree	100	72012	69031	36603	754//	51707	81618	84625	87630
19	Aldergrove	917	71909	48042	39552	00901	55807	87075		
18	Malin Head	980	62117	61021	37400	20932	53605	82359	86067	
16	Belmullet	976	61409	78021	36202	00906	51705	86270		
14	Birr	965	61510	66021	38103	15602	51806	81635	86072	
12	Collinstown	969	23303	56051	39501	00902	54710	82068		
10	Rineanna	962	71108	64012	37003	00906	00710	87275		
9	Roches Point	952	71413	66022	37505	655/1	01803	86624	87070	
7	Valentia	953	21212	74010	35107	11502	51705	81824		

OBSERVATIONS at 18h. 23 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
775	50000	03064	39853	555//	55606	85625		
772	30000	08044	40054	35600	56807	83630		
776	40000	13041	39954	25501	56706	82620	83070	
871	20604	17051	39453	25600	56709	82635		
862	10304	56011	38753	00901	56709	81070		
894	20916	70031	36800	25400	54805	82618		
590	33303	58011	39956	00902	59708	83075		
497	12806	56050	40153	00901	57709	81078		
578	42303	17054	40057	00902	58708	84075		
559	20000	02444	40462	00902	63709	82075		
485	52409	26031	39959	00901	61708	85075		
462	62502	40041	40157	00902	59709	86078		
746	30913	37051	39855	00901	57704	83070		
627	00000	04444	40361	00900	63604			
628	30504	17041	39656	10932	59702	81360	83075	
502	41713	58051	38253	00908	55505	84275		
715	60807	19051	39254	656//	56603	86630		
827	30807	40017	37300	35500	50706	83620		
707	71006	58021	38351	756//	54703	82635	87640	
817	70808	59021	36600	755//	53704	87620		
809	41013	64012	35902	35400	52707	82712	83616	
804	61116	69031	34703	62400	51805	86816		
534	61703	17042	39856	10941	59609	81365	86075	
414	60000	15114	39461	00901	62708	86075		
334	61707	13042	38454	00902	56714	86075		
318	71306	07044	38556	10942	59508	81365	87075	
302	51809	74031	38100	00902	55612	85075		
204	72209	62022	37702	755//	52605	87624		
222	80000	19052	38051	856//	55707	88635		
354	72607	04044	39456	00902	58710	87080		
396	42708	24051	38453	00908	57706	84270		
360	51807	19041	38555	00904	59605	85075		
261	70206	37044	38353	00902	57708	87075		
262	72712	37052	37300	00901	53001	87075		
162	81802	32052	38553	863//	54805	88708		
131	52507	63032	37802	56400	51704	85715		
135	71809	50042	36400	764//	52607	87717		
141	60000	17044	36451	656//	52608	86630		
171	72609	40042	34651	20932	53809	82362	87075	
091	41103	58051	33252	10932	57709	81359	83070	
075	22712	82011	30201	25700	51507	82650		
049	81818	81032	29306	885//	52201	88625		
010	82524	74032	29006	5742/	05703	05715	88550	
005	82516	74216	25206	854//	04608	81708	83615	88634
026	72011	66032	31605	757//	01806	87650		
022	71815	74021	32504	756//	50707	87630		
100	51811	62051	34603	555//	50706	85620		
917	61905	56041	37053	30941	55804	83365	84075	
980	31710	59101	35400	30930	53703	81362		
976	41305	80031	33951	20934	52505	82558	84070	
965	61309	74021	35901	00902	51505	86072		
969	51203	59041	36851	00901	54608	85075		
962	51308	74012	34802	35501	51504	83622	85075	
952	71412	80022	35204	745//	51706	87629		
953	61008	80022	32904	22502	52500	82825	86070	

OBSERVATIONS during DAY

iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97516	000 ff		ffFF
772	00537	000 ff		ff
776	00517	000 +		ff
871	00016	003 +		+
862	00016	/// +		+
894	00013	076 +		+
590	00536	/// +		+
497	00003	061 +		+
578	00536	042 ff		+
559	97567	037 FFff		ff
485	00537	068 +		+
462	00527	069 +		+
746	00517	045 +		+
627	00587	029 FFff		ff
628	00537	037 +		+
502	00005	076 +		+
715	00526	044 +		+
827	97025	000 $is_or_os_o$		+
707	00025	072 +		+
817	00016	045 +		+
809	00033	041 +		+
804	00051	058 +		+
534	00527	060 FFff		+
414	97577	049 FFff		ff
334	00517	062 +		+
318	00006	038 if		ffif
302	00035	067 +		+
204	00035	009 +		+
222	00033	021 +		+
354	00537	011 FFff		ff
396	00515	056 +		+
360	00017	057 +		+
261	00026	036 ff		+
262	00013	037 +		+
162	00527	000 +		if
131	00041	/// /		/
135	00033	004 +		+
141	00033	016 ff		+
171	00025	035 +		+
091	00016	037 +		+
075	00033	005 +		+
049	00063	/// +		+
010	00071	/// /		/
005	01061	000 ir_o		ir_o
026	00051	000 +		+
022	97055	013 +		ir_o
100	00043	000 +		+
917	00017	017 +		+
980	0001/	038 /		/
976	9702/	018 /		/
965	9704/	057 /		/
969	0003/	055 /		/
962	0005/	052 /		/
952	0006/	017 /		/
953	0008/	059 /		/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33012	82232	56868	03801	884//	00240	88913	/////	06052	17251	/////
B	40565	51012	72533	14858	11465	72444	00114	87710	/////	08467	17552	1////
C	40528	35512	72921	65022	19903	755//	00229	87634	/////	05954	13149	1////
D	40440	41012	83430	63808	26808	825//	00237	88830	/////	05601	13127	1////
I	40591	18512	72025	97028	20210	55479	41002	85618	86360	00107	12048	1////
J	40523	19712	81627	96618	20710	5542/	00302	82712	84618	05108	11647	16251
K	40449	16312	61034	65022	17011	35532	00003	83630	85076	05406	11058	10435
M	43659	02112	72831	65252	09005	79400	61316	86810	/////	05401	12937	12543

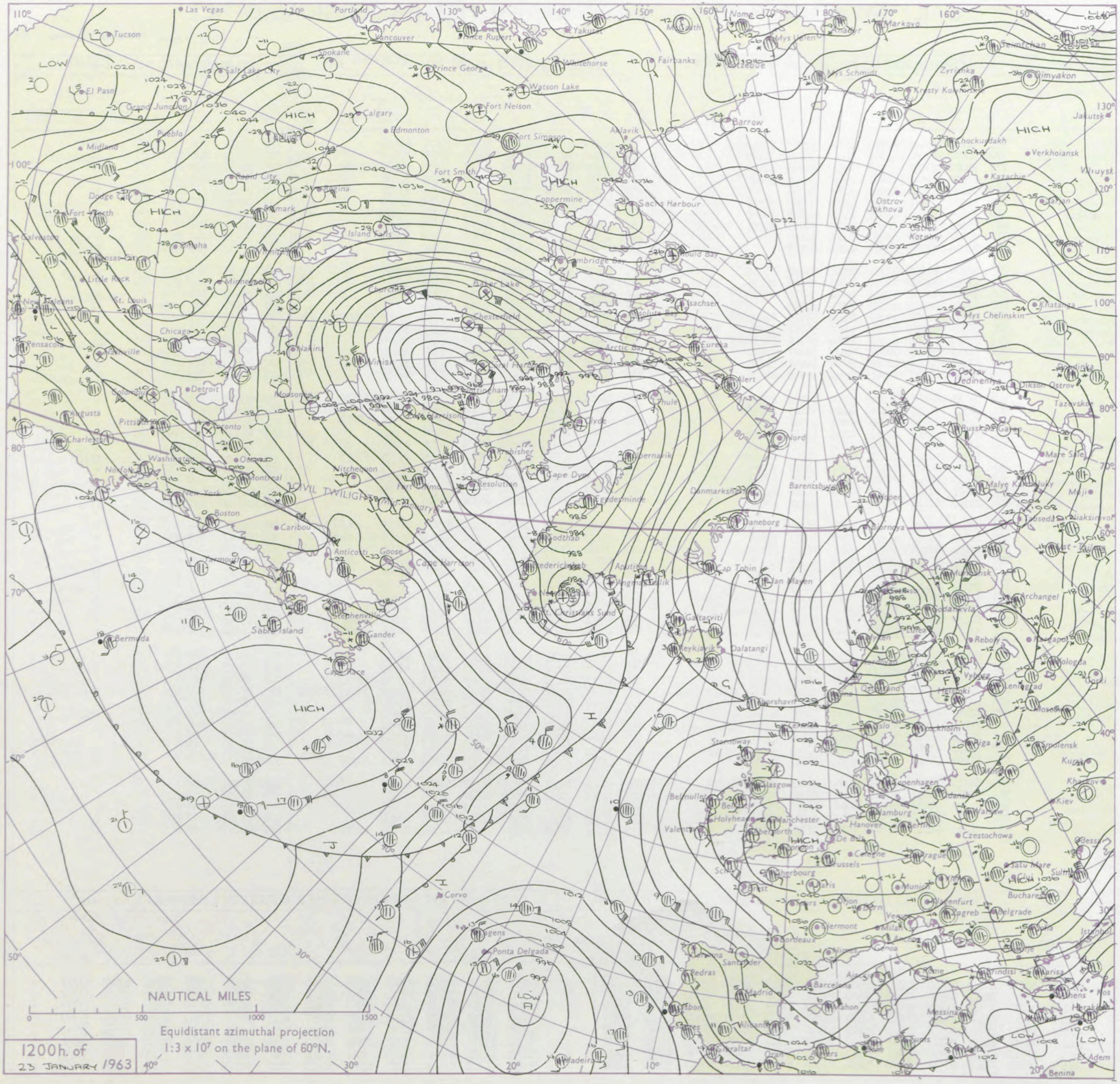
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40621	32818	62232	70268	06750	59460	00210	/////	/////	06356	17250	1////
B	40565	51018	72537	18858	15864	72400	00220	87820	/////	08167	17452	1////
C	40528	35518	62715	69022	23502	65600	00319	86637	/////	06055	12959	1////
D	40440	41018	83532	63808	29507	825//	00320	88830	/////	05803	13439	1////
I	40588	18518	71918	98012	17709	25638	41711	02645	83362	00007	11946	1////
J	40524	19618	71821	97012	19611	785//	00310	83820	87650	00007	11846	16150
K	40451	16018	61033	62012	16010	45602	11703	84642	84076	05504	11058	10334
M	43659	01918	83424	65020	14802	884//	31231	82810	86620	05954	13235	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Las Vegas
Portland
Tucson
Vancouver
Prince Rupert
Yakutat
Nome
Spokane
Whitehorse
Fairbanks
Salt Lake City
Prince George
Watson Lake
El Paso
Fort Nelson
Grand Junction
Calgary
Edmonton
Prueblo
Fort Simpson
Midland
Rapid City
Fort Smith
Regina
Dodge City
Coppermine
Fort Worth
Galveston
Island Falls
Winnipeg
Little Rock
Chesterfield
Baker Lake
Chicago
Nashville
Detroit
Pittsburgh
Toronto
Washington
Norfolk
Montreal
New York
Boston
Caribou
Anticosti
Goose
Cape Harrison
Stephenville
Sable Island
Gander
Bermuda
Fort Churchill
Minisk
Nitchequon
Fort Chimo
Resolution
Cape Dyer
Fort Reliance
Coppermine
Sachs Harbour
Cambridge Bay
Mould Bay
Isachsen
Eureka
Arctic Bay
Alert
Thule
Clyde
Frobisher
Godthab
Egedesminde
Jakobshavn
Nord
Danmarkshavn
Barentsburg
Cape Tobin
Jan Mayen
Reykjavik
Dalatangi
Galtarviti
Ponta Delgada
Corvo
Lajes
Madeira
Gibraltar
Barrow
Point Hope
Kotzebue
Mys Schmidt
Anadyr
Markovo
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Olimyakon
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Shchuchye
Kazachye
Ostrov Ukhova
Ostrov Kotelny
Vilyuysk
Khatanga
Mys Chelinskin
Ostrov Vrangelya
Dikson Ostrov
Tazovskoe
Russkaya Gavan
Mare Sale
Malye Karmakuly
Moji
Yakutsk
Archangel
Reboly
Petsapol
Vologda
Vyborg
Leningrad
Helsinki
Oslo
Stockholm
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Czestochowa
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Bucharest
Belgrade
Zagreb
Munich
Hamburg
Hanover
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Brussels
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Milan
Genoa
Bordeaux
Nimes
Barcelona
Madrid
Santander
Redras
Lisbon
Alicante
Gibraltar
Oran
Algiers
Tunis
Malta
Messina
Brindisi
Athens
Kos
Iraklion
Istanbul
Benina
El Adem
Glasgow
Belmullet
Holyhead
Manchester
Valentia
Aberporth
London
Scilly
Stornoway
Copenhagen
Gdansk
Warsaw
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Augsburg
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Innsbruck
Klagenfurt
Zagreb
Belgrade
Sofia
Bucharest
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Odessa
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Archangel
Murmansk
Petsapol
Reboly
Vyborg
Leningrad
Helsinki
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Stockholm
Stornoway
Glasgow
Belmullet
Holyhead
Manchester
Valentia
Aberporth
London
Scilly

CHARTS OF WEATHER IN WEST EUROPE

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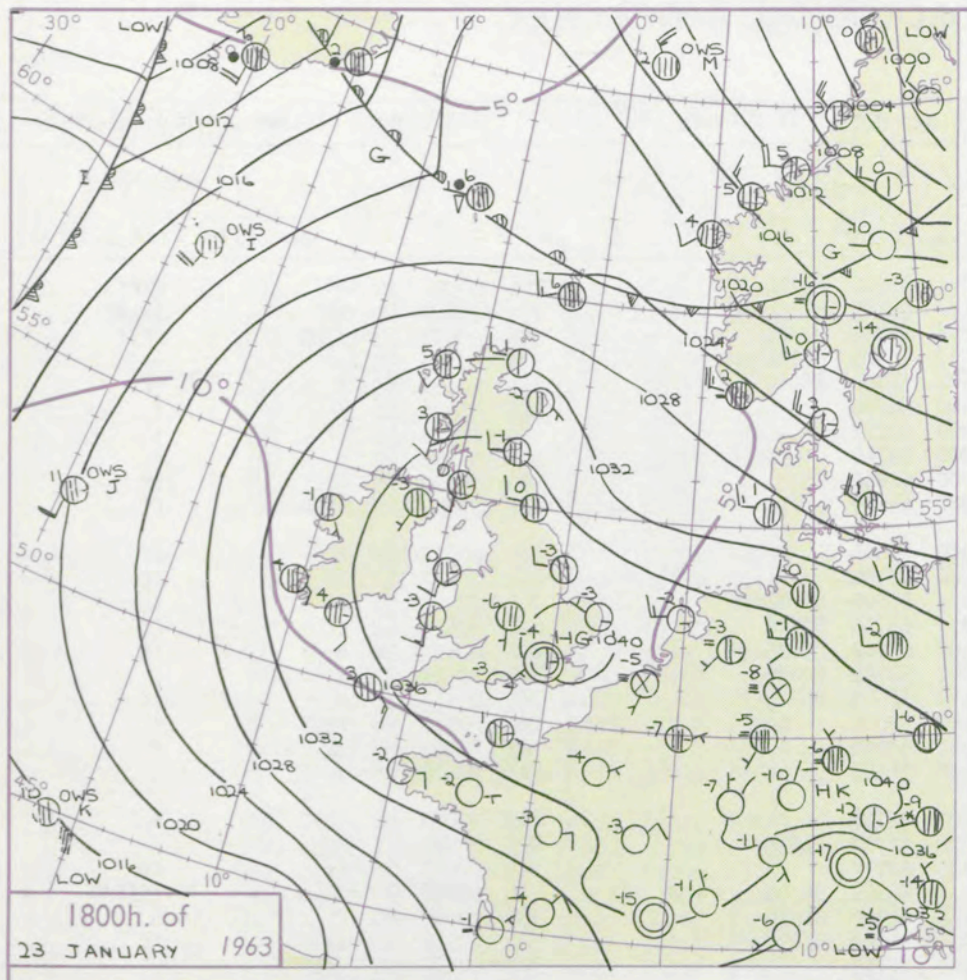

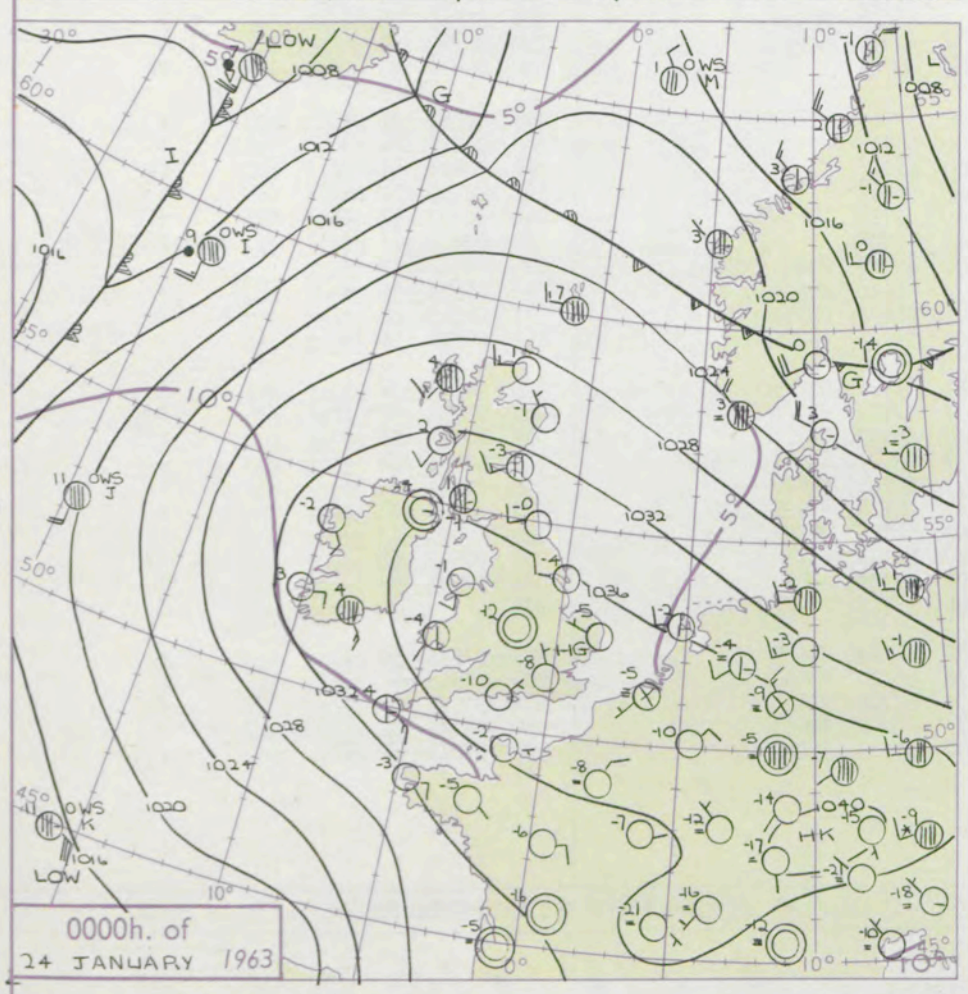

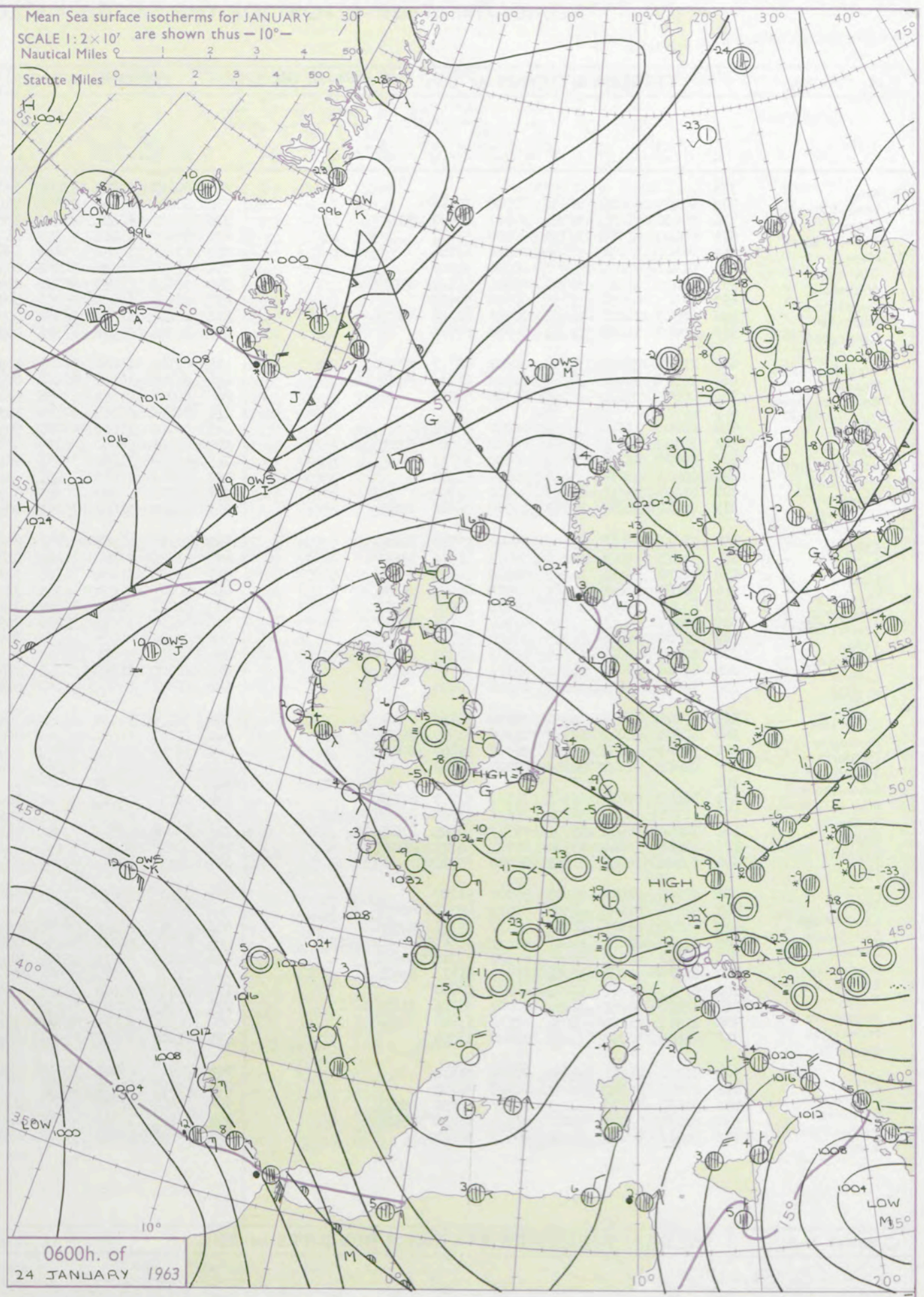

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 24 January 1963

The anticyclone over southern England tends to continue to weaken and to be transferred to the Continent. A depression which has formed off north Iceland will move across the Norwegian Sea and its associated trough of low pressure will move southeast to approach Scotland during tonight. An anticyclone will move east across the north Atlantic behind the trough and in advance of a deep depression moving from Canada into the Davis Strait.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Temperatures will rise to above freezing point in places along the coast of the English Channel and Irish Sea but rest of the rest of England and Wales will continue very cold with much frost and mist or fog. It will continue very cold with light frost and some day frost in Northern Ireland and south Scotland. The rest of Scotland will be less cold, and north Scotland may have rain, sleet or snow later.

OUTLOOK for following 24 hours

Continuing very cold with frost and fog in the south. Changeable and less cold in the north.

Code FM 11.A **OBSERVATIONS at 00h.** 24 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			57					
London Airport	772	03403	03044	38558	00900	59506			
Gatwick	776	90000	F1494	38562	9/0//	63807	89/00		
Thorney Island	871	00402	40050	37756	00900	57711			
Hurn	862	00407	14050	37260	00900	61706			
Guernsey	894	01112	58050	35551	00900	54809			
Wattisham	590	13003	48020	38358	00901	60709	81075		
Gorleston	497	02805	48050	37755	00900	57713			
Mildenhall	578	22503	14101	38361	00901	61708	82075		
Cardington	559	00000	11284	39065	00900	67704			
West Raynham	485	22409	23041	37758	00901	60712	82075		
Wittering	462	42607	30041	38260	00902	61710	84078		
Boscombe Down	746	00805	07444	38056	00900	58713			
Ross-on-Wye	627								
Bristol	628	00000	11040	38261	00900	63811			
Aberporth	502	22102	58050	36854	00902	57808	82075		
Rhoose (Cardiff)	715	00708	28051	37557	00900	58812			
Plymouth	827	00000	48010	35450	00900	51712			
Chivenor	707	01007	56011	36553	00900	54707			
St. Mawgan	817	20810	58011	34952	25500	54712	82625		
Culdrose	809	21014	78011	33802	25500	52712	82620		
Scilly	804	31013	74021	32704	35400	51712	83616		
Elmdon	534	00000	11284	38562	00900	64707			
Shawbury	414	50000	16041	38763	00902	64609	85075		
Manchester	334	61202	15041	37856	00902	58605	86075		
Squires Gate	318	61607	09044	37257	00902	59708	86072		
Valley	302	01709	66021	36951	00900	53708			
Ronaldsway	204	62109	74022	36502	656//	52607	82623	85631	
Carlisle	222	80000	48051	36952	856//	55703	88635		
Watnall	354	02808	11044	38156	00900	58606			
Spurn Head	396	02708	16051	36554	00900	56712			
Finningley	360	62003	14042	37158	00908	60609	86275		
Dishforth	261	51701	14052	36357	00902	59709	85075		
Tynemouth	262	02611	61020	34850	00900	53609			
Eskdalemuir	162								
Mull of Galloway	131	72410	60022	36503	765//	51709	87720		
Prestwick	135	71706	58042	35301	754//	51703	84618	86627	
Renfrew	141	70000	16042	35751	755//	52605	87625		
Leuchars	171	42416	56041	33553	00901	54708	84075		
Dyce	091	03105	74020	31951	00900	55711			
Wick	075	02614	74021	28801	50900	51707			
Cape Wrath	049	62013	81022	28304	685//	02705	86820		
Sule Skerry	010	42524	66011	28807	465//	05701	81720		
Lerwick	005	82716	66021	24607	855//	05501	83620	88635	
Stornoway	026	82113	66032	30404	855//	02711	88628		
Benbecula	022	81716	69026	31004	855//	01713	88621		
Tiree	100	01911	66011	33402	00900	50808			
Aldergrove	917	10000	56041	36154	00902	56705	81070		
Malin Head	980	21912	61100	34451	10932	53807	81360		
Belmullet	976	01408	74020	33452	00900	53802			
Birr	965	01304	74021	35051	00900	53714			
Collinstown	969	02603	20040	36253	00900	56704			
Rineanna	962	61110	62030	34151	655//	53807	86623		
Roches Point	952	81414	74022	34004	855//	53810	88628		
Valentia	953	00810	80021	32303	00900	52807			

OBSERVATIONS at 06h. 24 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	90000	01454	37454	9/0//	56706	89/00		
772	80000	11044	37358	861//	59506	88702		
776	90000	F8494	37257	9/0//	58706	89/01		
871	80607	15101	36753	862//	54503	88704		
862	63602	11051	35855	656//	56704	86640		
894	01209	58050	34252	00900	54504			
590	02607	23050	36760	00900	62711			
497	02708	32050	35757	00900	59710			
578	02407	11284	36361	00900	61610			
559	02205	09424	37366	00900	67607			
485	02407	11040	36661	00900	63604			
462	02705	10100	36662	00900	63704			
746	90908	F7474	37056	9/0//	58603	89/01		
627	80000	08444	37163	863//	65710	88706		
628	50000	11040	37059	55500	60602	85625		
502	21708	58050	35154	00902	57509	82075		
715	60708	20051	35856	664//	58505	86713		
827	01003	48040	33551	00900	53604			
707	01004	56020	34553	00900	55602			
817	00909	58020	33353	00900	54503			
809	01112	66020	31901	00900	52707			
804	11212	79020	31104	11400	51707	81816		
534	00000	07484	36765	00900	67710			
414	90000	F6494	36965	9/0//	66606	89/00		
334	61105	40041	35759	00902	61710	86075		
318	11405	11044	35560	00901	61608	81072		
302	01102	66020	35056	00900	57712			
204	60000	69031	34653	655//	54609	86628		
222	60000	28052	34952	656//	56711	86635		
354	02802	09044	36059	00900	60713			
396	02076	12050	34454	00900	56711			
360	01804	24041	35262	00900	63712			
261	01302	08044	35060	00900	62706			
262	02707	61020	34051	00900	55810			
162	00000	58020	35456	00900	57710			
131	02710	66011	34801	00900	52708			
135	72007	60042	33301	755//	52713	82620	87627	
141	70000	66022	33751	755//	51610	87625		
171	42413	60040	32152	00901	54606	84075		
091	22511	80030	30751	00901	54606	82070		
075	22511	69030	27801	00901	51709	82075		
049	82024	66026	26604	865//	02709	88720		
010	82318	66022	26907	864//	05707	88715		
005	62719	66022	24106	654//	05707	83612	85617	
026	82119	66022	28305	855//	02716	88626		
022	71812	74012	29005	755//	01714	83626	87647	
100	11813	66020	31803	15500	51711	81625		
917	01903	58040	34658	00900	60708			
980	01912	62010	32751	00900	53709			
976	01607	74020	31952	00900	53706			
965	20703	66020	33652	25600	53709	82635		
969	62204	62031	34652	655//	56708	86625		
962	71010	61031	32651	755//	52708	87625		
952	81105	74022	32304	856//	52805	88630		
953	10808	82030	31502	11500	53703	81828		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	00586	62	FF	FFff
772	97617	60	if	id_0if
776	00637	63	ifFF	FFff
871	00586	61	+	+
862	00616	63	+	if
894	00524	55	+	+
590	00626	65	+	+
497	00573	62	+	+
578	00626	65	if	ff
559	97687	69	ifFF	ff
485	00637	65	+	ff
462	00637	68	+	ff
746	97587	60	ff	ffFF
627	00677	72	ff	ff
628	00637	64	+	ff
502	00565	60	+	+
715	00576	59	+	if
827	00525	56	+	+
707	00545	58	+	+
817	00536	55	+	+
809	00003	52	+	+
804	00021	//	+	+
534	00667	69	ff	ff
414	97687	70	if	ifffFF
334	00607	64	+	+
318	00616	64	ffif	ff
302	00575	59	+	+
204	00545	56	+	+
222	00543	57	+	+
354	00617	65	ff	ff
396	00555	//	+	+
360	00637	66	+	+
261	00606	61	ff	ff
262	00543	57	+	+
162	00577	61	if	+
131	00003	//	/	/
135	00513	53	+	+
141	00513	53	+	+
171	00545	55	+	+
091	00536	58	+	+
075	00513	52	+	+
049	97031	02	ir_0	ir_0
010	00051	05	/	/
005	00061	04	+	+
026	00041	02	+	+
022	97045	01	ir_0	+
100	00013	53	+	+
917	00617	64	+	+
980	97535	55	/	/
976			/	/
965	97645	58	/	/
969	97543	62	/	/
962	97525	53	/	/
952	00035	02	/	/
953	97011	52	/	/

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HH_w$	$Id_wd_wP_HH_w$
A	50620	33000	42228	70268	06751	49400	00508	/////	/////	06354	12259	1////
B	50565	51000	82534	28858	19762	824//	00117	88810	/////	07664	17451	1////
C	50528	35500	22929	65158	28502	22500	00229	82820	/////	06155	12959	1////
D	50440	41000	83630	63028	33107	884//	00215	84815	88635	05802	13449	1////
I	50589	18400	81826	97616	14209	874//	41727	88710	/////	05008	11847	1////
J	50524	19500	81820	97022	21311	856//	00108	88645	/////	00006	11843	11158
K	50453	15800	71028	65032	16611	756//	11203	87642	/////	05305	11058	10344
M	53659	01900	63310	65012	17401	68400	71310	84810	86525	06056	13234	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_HH_w$	$Id_wd_wP_HH_w$
A	50620	33006	72438	70268	04152	794//	00804	87916	/////	06656	17450	1////
B	50565	51006	82317	14856	18957	824//	00502	88810	/////	06759	12459	1////
C	50528	35506	82918	59858	33600	885//	00219	83820	88635	06355	13049	1////
D	50440	41006	80220	63022	34307	856//	00108	88635	/////	05702	13549	1////
I	50587	18406	82228	98022	11509	855//	51311	82712	88620	05006	12445	11838
J	50526	19506	71821	97022	21210	756//	00603	87645	/////	00005	11744	11157
K	50449	16306	51025	65022	15412	55600	51905	85643	/////	05107	11056	10344
M	53660	01906	82213	65022	15102	855//	00821	88620	/////	05853	12221	13234

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36954

Date of Issue Friday 25 January 1963

OBSERVATIONS at 12h. 24 January 1963

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	82401	12047	36854	872//	55801	88703		
London Airport	772	82804	06567	37255	862//	56000	88703		
Gatwick	776	82401	19107	36954	862//	54804	83703	88705	
Thorney Island	871	81106	48052	37052	862//	53803	86705	88707	
Hurn	862	80605	48054	36252	863//	53803	85707	88710	
Guernsey	894	41409	60020	34202	00902	56804	84070		
Wattisham	590	12505	19050	36654	00901	55804	81075		
Gorleston	497	12808	56050	36553	10930	55001	81362		
Mildenhall	578	92607	01494	37058	9/0//	59001	89/01		
Cardington	559	90000	F6454	37457	9/0//	58801	89/00		
West Raynham	485	12412	17044	36355	00901	57803	81075		
Wittering	462	92710	02494	37156	9/0//	57000	89/01		
Boscombe Down	746	91406	03494	37255	9/0//	56802	89/02		
Ross-on-Wye	627	80000	04444	36758	862//	59808	88705		
Bristol	628	80000	11054	37456	862//	57002	88703		
Aberporth	502	51709	56051	35753	45580	55000	81712	84620	
Rhoose (Cardiff)	715	80710	06484	36155	861//	56804	88702		
Plymouth	827	60808	30041	34302	15502	00803	81620	86070	
Chivenor	707	71207	37031	35151	763//	52501	87706		
St. Mawgan	817	31116	59020	32902	34500	53803	83625		
Culdrose	809	21215	64010	32904	25600	53000	82645		
Scilly	804	11215	66010	32206	15700	00302	81650		
Elmdon	534	82105	06487	36255	862//	56802	88703		
Shawbury	414	00000	02487	36460	00900	62809			
Manchester	334	21902	26050	35954	00901	58806	82075		
Squires Gate	318	11606	08044	35453	00901	57705	81075		
Valley	302	51102	61040	35251	55600	54805	85635		
Ronaldsway	204	51910	74031	34702	51502	54703	85825		
Carlisle	222	70000	10042	34951	756//	54806	87630		
Watnall	354	92605	01494	36859	970//	60001	89/00		
Spurn Head	396	02702	24050	35252	00901	55602	81070		
Finningley	360	21703	09044	35754	00902	59804	82072		
Dishforth	261	31602	06044	34954	00902	59803	83075		
Tynemouth	262	32701	19050	34201	00901	55803	83075		
Eskdalemuir	162	72307	62032	34750	784/1	53804	81818	87630	
Mull of Galloway	131	72405	81022	34501	756//	53706	87630		
Prestwick	135	72007	56042	33501	755//	52806	82715	87625	
Renfrew	141	72305	20042	33701	55502	51808	85624	87070	
Leuchars	171	72607	62041	32101	00902	52603	87070		
Dyce	091	72703	66021	30502	10932	54806	81362	87070	
Wick	075	72211	69021	27203	25638	00707	82630	86360	87075
Cape Wrath	049	82030	66022	25104	855//	01715	88620		
Sule Skerry	010	82324	61032	26306	874//	05702	88715		
Lerwick	005	82515	62022	24606	854//	04803	85614	88630	
Stornoway	026	81916	70602	27605	6552/	03706	81713	86620	88459
Benbecula	022	82022	69205	28305	855//	01705	81713	85620	88635
Tiree	100	61915	74031	31104	4553/	00808	84627	84359	
Aldergrove	917	12405	40104	34152	00901	55808	81070		
Malin Head	980	11912	82020	32300	10930	53606	81360		
Belmullet	976	11411	80011	31802	10930	51706	81361		
Birr	965	71306	74021	33601	756//	51709	87636		
Collinstown	969	81403	62022	34501	855//	53808	88623		
Rineanna	962	81106	64102	33101	854//	51805	81715	88630	
Roches Point	952	71210	74012	32605	756//	51704	87630		
Valentia	953	70907	80022	31705	756//	52802	87635		

OBSERVATIONS at 18h. 24 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	82102	10447	36654	871//	55103	88702		
London Airport	772	91201	15767	36755	9/0//	56205	89/05		
Gatwick	776	81001	09417	36655	862//	55103	88705		
Thorney Island	871	80806	20052	36553	863//	54204	85706	88708	
Hurn	862	80610	26052	35853	863//	54205	88707		
Guernsey	894	21009	63010	33302	00902	54702	82070		
Wattisham	590	92408	F4494	36457	9/0//	58302	89/00		
Gorleston	497	22602	08464	36053	00901	56105	82075		
Mildenhall	578	92405	F7494	36459	9/0//	60102	89/00		
Cardington	559	92103	01494	37257	9/0//	58211	89/02		
West Raynham	485	92112	F7494	35958	9/0//	59400	89/00		
Wittering	462	92607	02494	36156	9/0//	57003	89/01		
Boscombe Down	746	91005	03497	36656	9/0//	57204	89///		
Ross-on-Wye	627	92401	04454	36056	9/0//	57101	89///		
Bristol	628	91005	03494	35856	9/0//	57400	89/00		
Aberporth	502	11705	40051	35255	16400	56304	81715		
Rhoose (Cardiff)	715	80808	05484	35654	860//	55103	84701	88702	
Plymouth	827	10907	32041	33601	10930	50304	81358		
Chivenor	707	10907	37051	34451	16400	52205	81710		
St. Mawgan	817	10808	61010	33051	00902	53206	81070		
Culdrose	809	20915	62050	31902	25600	53301	82630		
Scilly	804	11112	74020	31204	11402	51207	81818		
Elmdon	534	92102	03497	36057	9/0//	57204	89/01		
Shawbury	414	90000	F9494	36060	9/0//	61307	89/00		
Manchester	334	92002	01470	35559	9/0//	61306	89/01		
Squires Gate	318	61406	06044	34758	00901	60305	86075		
Valley	302	71506	69012	34600	755//	52203	81620	87635	
Ronaldsway	204	82511	69031	33802	885//	54202	81825	88634	
Carlisle	222	82108	20042	34101	855//	52103	88626		
Watnall	354	92507	01497	36057	9/0//	57004	89/01		
Spurn Head	396	31905	16050	34753	00908	55206	83275		
Finningley	360	01906	05044	34958	00900	61103			
Dishforth	261	20000	11054	34355	00901	57003	82075		
Tynemouth	262	42702	16040	33200	00901	54400	84075		
Eskdalemuir	162	82605	50022	34151	856//	55000	88630		
Mull of Galloway	131	82407	81022	34002	856//	51400	88630		
Prestwick	135	61706	58042	32351	655//	53602	81618	86623	
Renfrew	141	20000	24041	32650	25600	53303	82630		
Leuchars	171	32515	50041	30851	30931	54001	83360		
Dyce	091	72302	62022	29401	2573/	55703	82656	87359	
Wick	075	72218	80022	25503	756//	00804	82630	87650	
Cape Wrath	049	82030	66022	22604	865//	02706	88720		
Sule Skerry	010	82324	61022	23906	874//	05708	88715		
Lerwick	005	82422	59616	22905	854//	04705	85613	88620	
Stornoway	026	82025	66026	25706	7542/	03606	87618	88460	
Benbecula	022	72022	69026	26605	754//	03706	81714	84618	87635
Tiree	100	61914	66012	30003	5553/	01602	82716	84625	
Aldergrove	917	01809	62011	33154	00900	56400			
Malin Head	980	02013	80020	31151	00900	54701			
Belmullet	976	31409	80011	31350	25630	52105	82633	83362	
Birr	965	81604	66022	33501	854//	51105	82714	88638	
Collinstown	969	80000	24102	33701	856//	52103	88630		
Rineanna	962	71306	40102	33002	756//	00105	87630		
Roches Point	952	71506	74022	32804	755//	51308	87629		
Valentia	953	81304	75022	31905	856//	52809	88635		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97536	000	$ffis_o$	ff
London Airport	772	92557	000	id_ois_rssff	s_os_off
Gatwick	776	95537	000	$is_oifs_os_o$	$s_os_oifis_o$
Thorney Island	871	00516	000	+	+
Hurn	862	00516	///	+	+
Guernsey	894	00033	078	+	+
Wattisham	590	00536	///	+	FF
Gorleston	497	00513	055	+	ff
Mildenhall	578	00576	000	FF	FF
Cardington	559	97567	000	FF1F	FF1F
West Raynham	485	97547	037	FF	FF
Wittering	462	00557	000	ff	ffFF
Boscombe Down	746	97537	000	$FFffis_o$	FFff
Ross-on-Wye	627	00557	000	ff	ff
Bristol	628	00567	000	ff	ff
Aberporth	502	00525	022	+	+
Rhoose (Cardiff)	715	00546	000	ff	ff
Plymouth	827	00045	054	+	+
Chivenor	707	00015	022	+	+
St. Mawgan	817	00036	056	+	+
Culdrose	809	00040	067	+	+
Scilly	804	00060	075	+	+
Elmdon	534	97547	000	$ffis_o$	$ffis_o$
Shawbury	414	97557	043	FFff	ffFF
Manchester	334	00537	071	+	FF
Squires Gate	318	00516	044	ff1f	1fff
Valley	302	00025	022	+	+
Ronaldsway	204	00035	054	+	+
Carlisle	222	00013	000	+	+
Watnall	354	97567	000	ffFF	$FFis_o$
Spurn Head	396	00015	061	+	ff
Finningley	360	00527	040	ff	ff
Dishforth	261	00506	025	ff	ff
Tynemouth	262	00013	009	+	+
Eskdalemuir	162	00017	047	+	+
Mull of Galloway	131	00023	///	/	/
Prestwick	135	00033	004	+	+
Renfrew	141	00023	001	+	+
Leuchars	171	00025	040	+	+
Dyce	091	00036	017	+	+
Wick	075	00053	000	+	+
Cape Wrath	049	00051	///	+	+
Sule Skerry	010	00071	///	/	/
Lerwick	005	92062	000	+	$ir_or_or_oid_c$
Stornoway	026	91061	000	$ir_or_or_c$	+
Benbecula	022	97075	000	id_oir_o	+
Tiree	100	00053	031	+	+
Aldergrove	917	00537	044	1f	+
Malin Head	980	9702/	070	/	/
Belmullet	976	9703/	058	/	/
Birr	965	9702/	001	/	/
Collinstown	969	9702/	000	/	/
Rineanna	962	9702/	000	/	/
Roches Point	952	0005/	002	/	/
Valentia	953	0006/	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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33012	82442	30868	06553	894//	00215	/////	/////	06856	17453	1////
B	50565	51012	81422	37718	10252	5732/	00761	85807	88458	05953	12155	1////
C	50529	35812	22012	69018	37502	82100	00022	82820	/////	06157	12947	1////
D	50440	41012	80518	65022	34610	855//	00203	88630	/////	05503	13546	1////
I	50587	18512	72826	98026	17606	784//	61227	83815	87610	05850	12847	14916
J	50526	19512	71912	97022	24511	18678	00117	81835	86364	00007	11933	11157
K	50449	16112	81122	60218	18811	6847/	11217	86817	83635	05210	11155	11443
M	53661	02012	82022	65608	10805	5832/	51729	84808	85618	05202	12023	13234

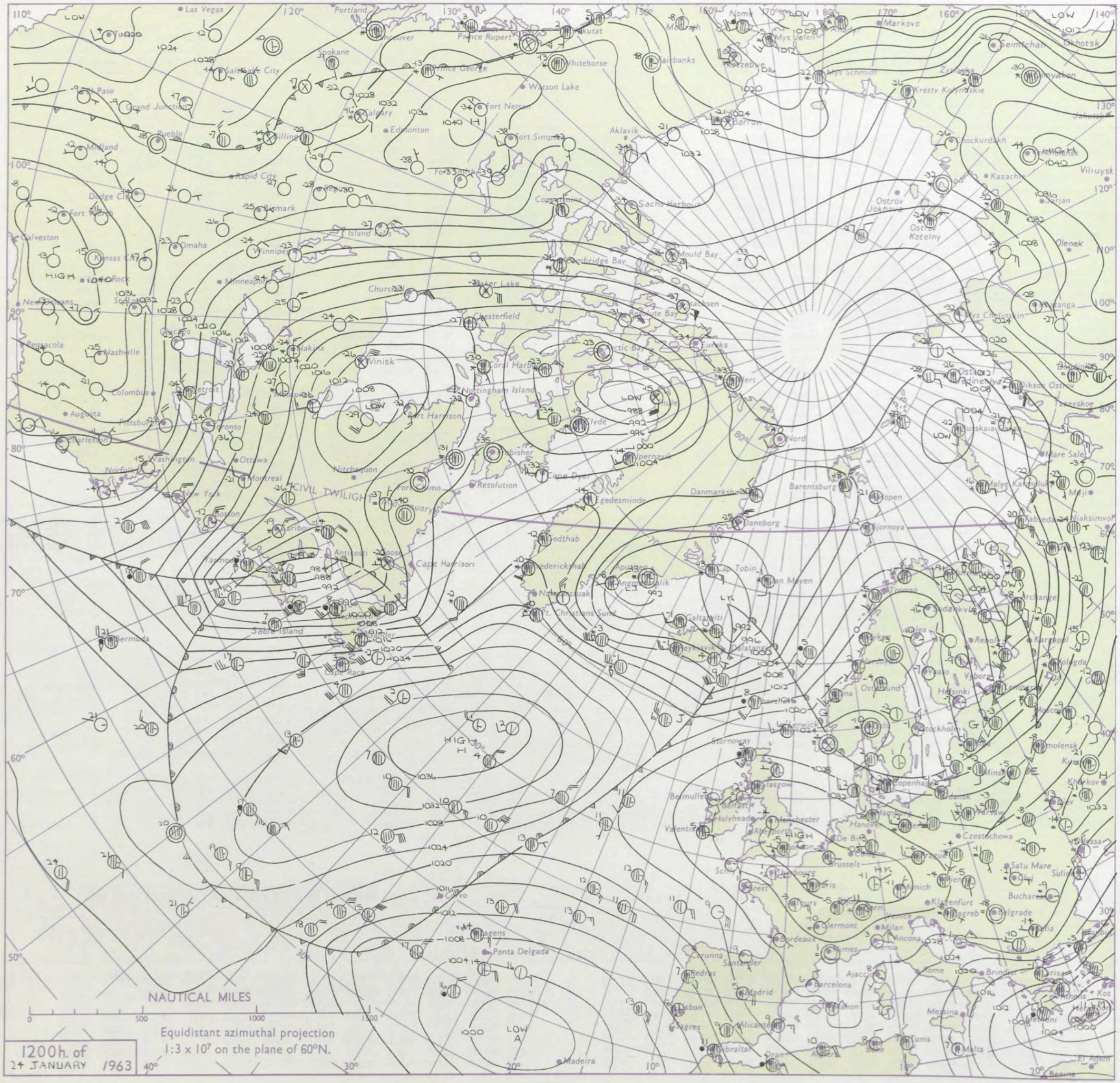
OCEAN WEATHER STATION REPORTS at 18h.

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	32818	72645	50858	10753	794//	00241	/////	/////	06856	17664	1////
B	50565	51018	81848	09587	95303	6722/	00664	86805	88510	05102	16841	1////
C	50528	35518	72010	69021	37603	21508	00603	82820	872//	05954	12957	1////
D	50440	41018	50915	69012	31511	555//	00620	85630	/////	05504	14915	1////
I	50587	18718	72735	98158	22304	784//	61224	84645	83818	06154	17841	1////
J	50527	19518	80128	96616	26707	5732/	00324	85708	88520	05506	13646	11656
K	50449	15718	71120	70256	20612	784//	31222	83814	87650	05110	11054	11653
M	53660	01918	82128	60026	04107	854//	51736	88610	/////	00105	12134	13232

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

Drizzle

Rain

Rain

Rain

Snow

Rain

Rain shower

Snow

Hail

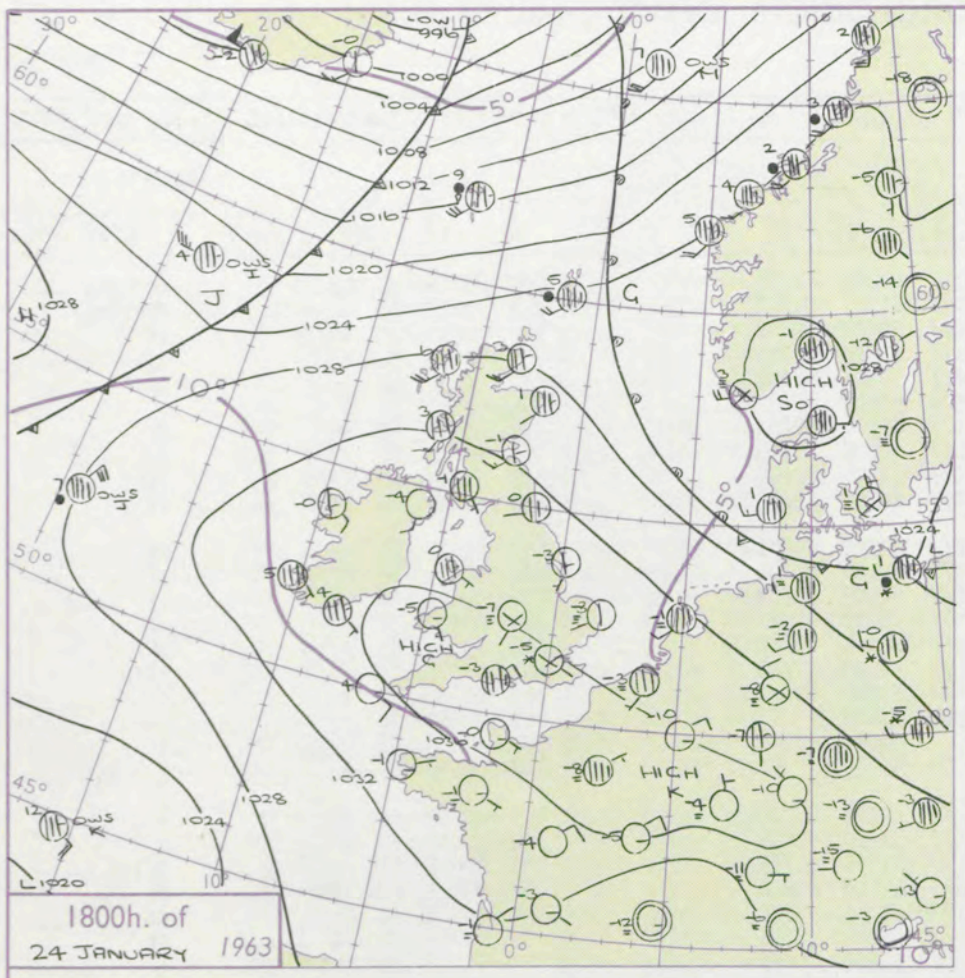
Thunder

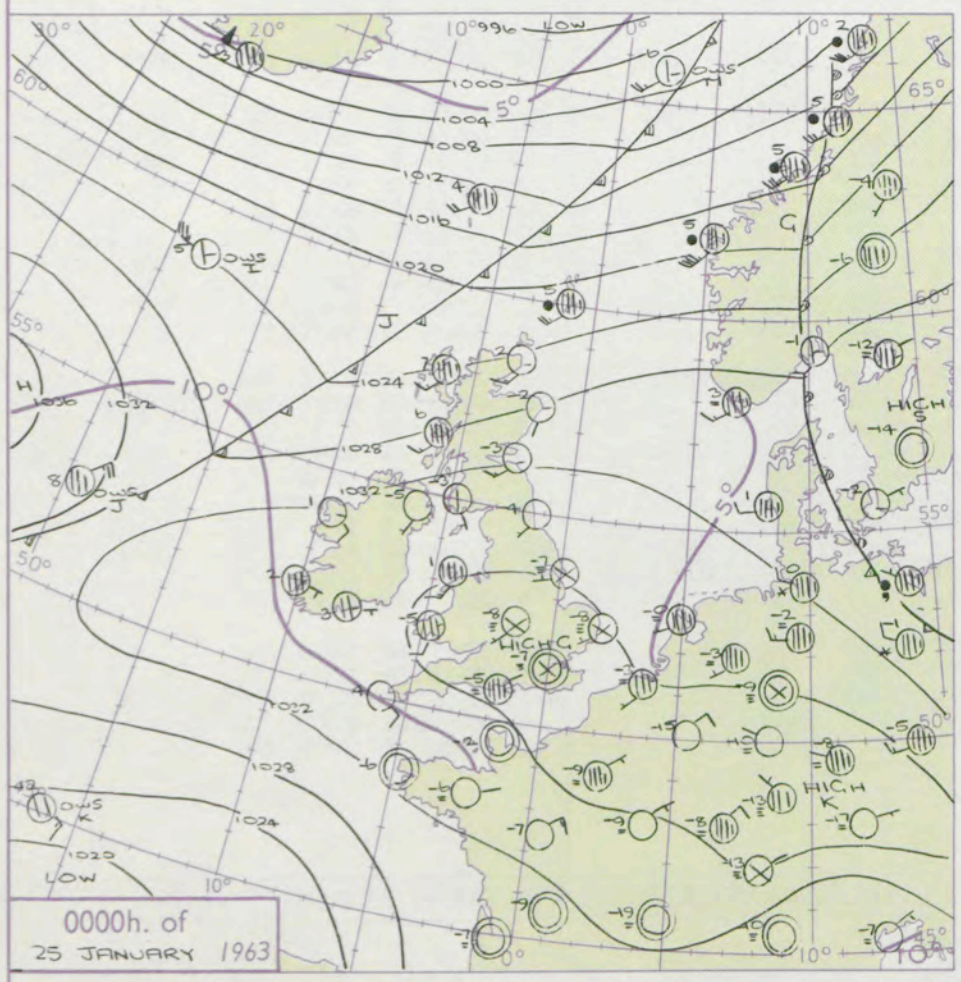
WIND

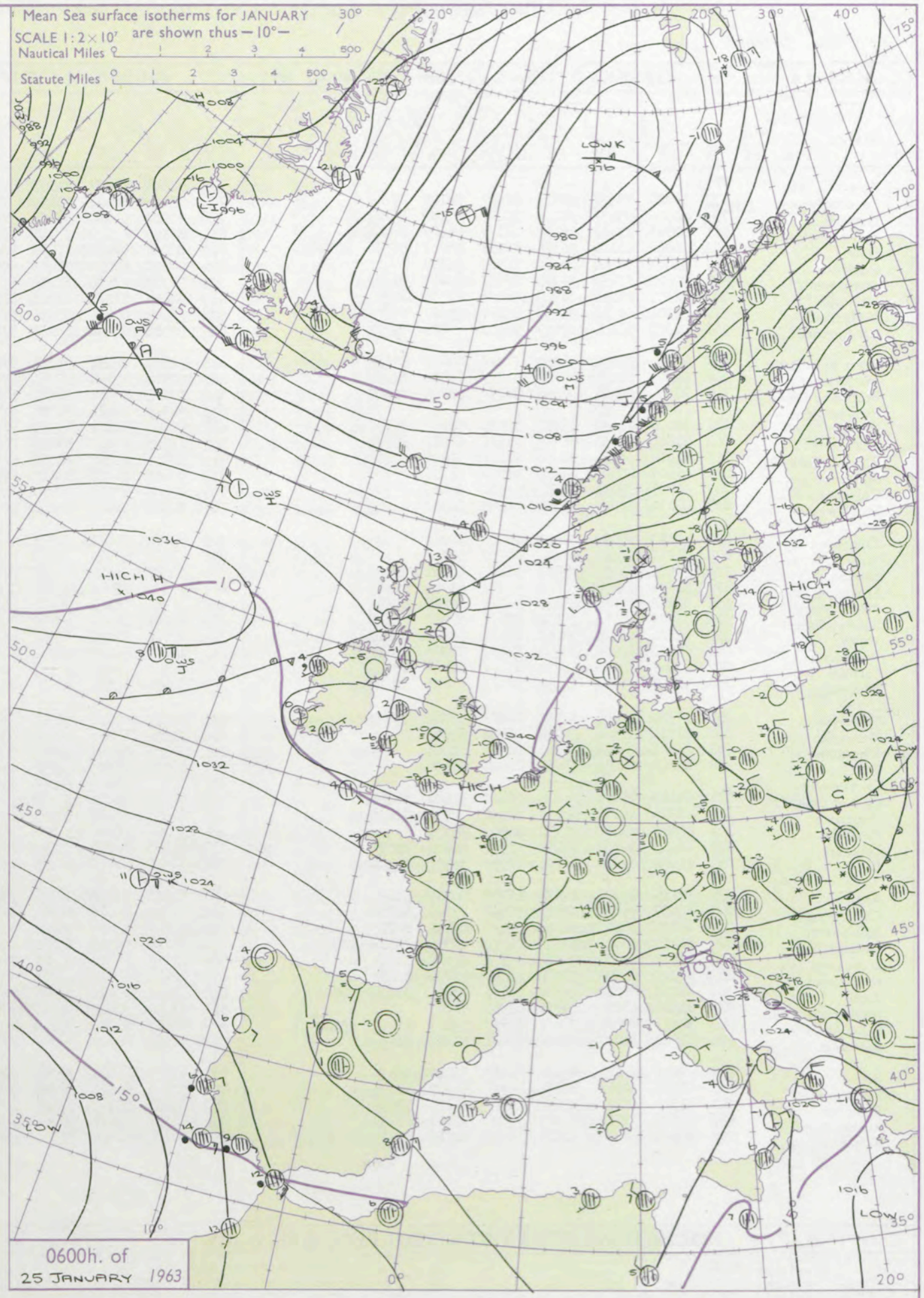
Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Friday 25 January** 1963

The low over the St. Lawrence yesterday deepened rapidly and is moving up the Davis Strait. Cyclogenesis is likely near southeast Greenland. The anticyclone over the Atlantic has moved fairly quickly northeast, and will continue to Scotland, with further development making it the dominant high centre, but a high cell will remain over southern England. The cold front now over the central lowlands of Scotland will continue southeast, weakening and slowing down as it crosses northern England but pushing well south across Scandinavia into Poland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most central and southern districts will remain frosty, with fog patches becoming dense in places at night. Northern districts will be brighter with a few wintry showers at first and night frost except in western and northern coastal areas.

OUTLOOK for following 24 hours.

Mostly dry with night frost almost everywhere. In the south temperatures may just exceed freezing by day in most parts but no material thaw is expected.

Code FM 11.A

OBSERVATIONS at 00h. 25 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$
Kew	775			57					
London Airport	772	90000	F9477	37057	9/0//	58702	89/01		
Gatwick	776	90903	03497	36756	9/0//	57702	89/01		
Thorney Island	871	80703	17102	36655	861//	56602	88702		
Hurn	862	80602	28102	36155	872//	56802	86704	88708	
Guernsey	894	01011	58020	34400	00900	54103			
Wattisham	590	92402	F3494	36359	9/0//	60902	89/00		
Gorleston	497	92505	04494	36158	9/0//	59301	89/02		
Mildenhall	578	92304	01494	36458	9/0//	59000	89/01		
Cardington	559	92303	03434	37059	9/0//	60801	89/02		
West Raynham	485	92210	F9494	36059	9/0//	60802	89/00		
Wittering	462	92607	02494	36459	9/0//	60400	89/00		
Boscombe Down	746	90204	F9494	36958	9/0//	59801	89/00		
Ross-on-Wye									
Bristol	628	90000	02494	36857	9/0//	58003	89/00		
Aberporth	502	71810	24052	36555	761//	56211	87702		
Rhoose (Cardiff)	715	91404	03494	36656	9/0//	57004	89/00		
Plymouth	827	01007	40020	34750	00900	51106			
Chivenor	707	00909	37051	35553	00900	54104			
St. Mawgan	817	01114	56020	33751	00900	52307			
Culdrose	809	01010	69020	33401	00900	52209			
Scilly	804	01212	74010	32704	00900	52208			
Elmdon	534	92405	01497	36458	9/0//	59001	89/00		
Shawbury	414	91802	01494	36760	9/0//	61006	89/01		
Manchester	334	91902	F7494	36359	9/0//	60208	89/01		
Squires Gate	318	81509	08444	35156	856//	57202	88635		
Valley	302	81914	62022	35001	855//	51205	88627		
Ronaldsway	204	82512	69022	34003	856//	53302	88637		
Carlisle	222	82207	58042	34001	856//	51500	88635		
Watnall	354	92607	F9494	36058	9/0//	59801	89/00		
Spurn Head	396	92704	02494	34757	9/0//	57702	89///		
Finningley	360	01704	05424	35462	00900	63002			
Dishforth	261	01001	07044	34860	00900	62001			
Tynemouth	262	02305	24050	33454	00900	55400			
Eskdalemuir									
Mull of Galloway	131	82415	75022	34002	864//	54401	88718		
Prestwick	135	21705	58012	32153	25500	54400	82628		
Renfrew	141	00000	06461	32355	00900	56400			
Leuchars	171	12413	60040	30453	00901	56801	81075		
Dyce	091	11902	66011	28652	10930	55705	81360		
Wick	075	12115	82021	24502	15700	50703	81650		
Cape Wrath	049	82037	66022	20505	865//	03704	88720		
Sule Skerry	010	82137	58022	21206	874//	06715	88710		
Lerwick	005	82225	58616	20205	863//	04714	85709	88712	
Stornoway	026	82117	66032	24107	855//	04808	88625		
Benbecula	022	82220	66022	25707	854//	05706	83618	88625	
Tiree	100	82117	66022	29406	854//	03602	83616	88643	
Aldergrove	917	01905	48020	33655	00900	56207			
Malin Head	980	32011	69020	31701	25630	53103	82645	83360	
Belmullet	976	11508	74020	32601	15600	51208	81630		
Birr	965	81603	66022	34901	856//	51210	88635		
Collinstown	969	82206	32042	34801	855//	52307	88626		
Rineanna	962	81303	40102	34701	856//	51211	88635		
Roches Point	952	50703	74011	34303	55500	52111	85629		
Valentia	953	70904	72012	33902	756//	52212	87635		

OBSERVATIONS at 06h. 25 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$
Kew	775	82301	05027	37357	873//	58204	88708		
London Airport	772	93003	02494	38159	9/0//	61304	89/01		
Gatwick	776	90000	04494	37658	9/0//	59204	89/02		
Thorney Island	871	80104	13102	37756	861//	57203	88703		
Hurn	862	83606	17054	37458	860//	59206	88701		
Guernsey	894	00709	50050	35451	00900	53208			
Wattisham	590	92303	F7494	37459	9/0//	60206	89/01		
Gorleston	497	82605	11284	37660	862//	62205	88704		
Mildenhall	578	92905	04494	37660	9/0//	61204	89/02		
Cardington	559	92504	04494	38161	9/0//	62303	89/02		
West Raynham	485	92605	02494	37361	9/0//	62309	89/01		
Wittering	462	92906	05494	37761	9/0//	62204	89/01		
Boscombe Down	746	90104	03494	38562	9/0//	64109	89/01		
Ross-on-Wye	627	92302	02454	38358	9/0//	59212	89///		
Bristol	628	90000	03494	37759	9/0//	60204	89/00		
Aberporth	502	71703	08462	37856	761//	57209	87702		
Rhoose (Cardiff)	715	90303	05494	38256	9/0//	57306	89/00		
Plymouth	827	00908	48020	36253	00900	53209			
Chivenor	707	70405	32051	37753	763//	54313	87707		
St. Mawgan	817	00912	56020	36153	00900	55212			
Culdrose	809	50814	58031	34901	563//	50209	85706		
Scilly	804	41007	65020	33904	45500	51210	84623		
Elmdon	534	92602	04494	37760	9/0//	61308	89/01		
Shawbury	414	70000	19044	37962	756//	64107	87638		
Manchester	334	81904	14104	36757	855//	58205	88628		
Squires Gate	318	81707	30044	35454	856//	55202	88640		
Valley	302	82608	62022	36302	855//	52205	88629		
Ronaldsway	204	12610	69021	34902	15600	52204	81635		
Carlisle	222	00000	32052	34754	00900	56206			
Watnall	354	82604	05494	37559	863//	60308	88708		
Spurn Head	396	92605	04494	35955	9/0//	56101	89///		
Finningley	360	01504	19044	35958	0090	59400			
Dishforth	261	01406	02044	35260	00900	61500			
Tynemouth	262	02515	61020	32952	0090	56703			
Eskdalemuir	162	0000	58022	35057	00900	58002			
Mull of Galloway	131	12710	81020	34802	15600	51202	81630		
Prestwick	135	41605	60031	32651	45700	52002	84650		
Renfrew	141	30000	58044	32300	35600	51703	83635		
Leuchars	171	22506	66020	30252	00901	54502	82075		
Dyce	091	32409	74030	28101	25730	53300	82656		
Wick	075	62811	82011	24703	35608	02310	83045	86270	
Cape Wrath	049	32537	83016	22505	35500	03204	83645		
Sule Skerry	010	32818	74016	23105	33500	03219	83920		
Lerwick	005	82617	58216	18604	854//	02105	82708	88616	
Stornoway	026	22811	74268	28303	22400	01321	82817		
Benbecula	022	32818	82028	29805	32500	51219	83825		
Tiree	100	33013	80016	31105	25601	02220	82630		
Aldergrove	917	01910	37040	35055	00900	56204			
Malin Head	980	82517	56586	33104	863//	02310	84709	88716	
Belmullet	976	82305	69505	35004	875//	02212	88721		
Birr	965	01703	66021	37052	00900	54212			
Collinstown	969	02610	66021	36251	00900	54206			
Rineanna	962	01207	48100	37051	00900	52213			
Roches Point	952	70307	74011	36702	755//	00310	87627		
Valentia	953	30304	72020	36300	35600	54311	83635		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97606	59	is_0ff	$ffFFis_0$
London Airport	772	97617	60	is_0FFff	$FFffis_0$
Gatwick	776	97597	59	is_0ff	ff
Thorney Island	871	00596	59	+	if
Hurn	862	00616	61	+	if
Guernsey	894	00523	54	+	+
Wattisham	590	97616	61	FF	FF
Gorleston	497	00603	62	ff	ff
Mildenhall	578	00617	60	FFff	ffFF
Cardington	559	97627	61	ff1F	ff
West Raynham	485	91617	62	FF	FF
Wittering	462	00627	65	FFff	ff
Boscombe Down	746	97627	63	FFff	ff
Ross-on-Wye	627	00597	59	ff	ff
Bristol	628	00597	59	F/	FF
Aberporth	502	00575	59	+	ifff
Rhoose (Cardiff)	715	00566	56	ff	ff
Plymouth	827	00565	60	+	+
Chivenor	707	00555	58	+	+
St. Mawgan	817	00556	57	+	+
Culdrose	809	00500	53	+	+
Scilly	804	00021	//	+	+
Elmdon	534	97617	63	FF	$FFis_0$
Shawbury	414	97647	64	ffFF	ff
Manchester	334	00597	59	FF	ff
Squires Gate	318	00586	60	ff	ff
Valley	302	00015	53	+	+
Ronaldsway	204	00015	54	+	+
Carlisle	222	00563	59	+	+
Watnall	354	00617	60	FF	FRff
Spurn Head	396	00575	//	FF	ff
Finningley	360	00637	65	ff	ff
Dishforth	261	00616	62	ff	ff
Tynemouth	262	00553	57	+	+
Eskdalemuir	162	00597	62	+	+
Mull of Galloway	131	00023	//	/	/
Prestwick	135	97543	59	+	ir_0
Renfrew	141	97573	61	ff	ir_0
Leuchars	171	00555	57	+	+
Dyce	091	00546	56	+	+
Wick	075	00013	51	+	+
Cape Wrath	049	02041	00	ir_0	ir_0pr_0
Sule Skerry	010	01042	02	/	/
Lerwick	005	04015	51	$ir_0rrr_0r_0$	$rrph_0r_0pr_0s_0$
Stornoway	026	02031	00	irr_0r_0	$pr_0pr_0s_0$
Benbecula	022	01041	02	$ir_0rrr_0r_0$	pr_0
Tiree	100	02043	01	ir_0	$iRir_0$
Aldergrove	917	97577	62	+	ir_0s_0
Malin Head	980	97525	55	/	/
Belmullet	976	97514	54	/	/
Birr	965	97545	60	/	/
Collinstown	969	97513	54	/	/
Rineanna	962	97555	58	/	/
Roches Point	952	00021	00	/	/
Valentia	953	00520	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	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60619	32300	72634	60158	16650	794//	00225	/////	/////	06257	12664	1////
B	60565	51000	81660	05032	84904	873//	00756	88808	/////	00103	16857	1////
C	60527	35600	61816	69022	36604	31501	00707	83825	/////	05752	14916	1////
D	60440	41000	81422	65022	29711	855//	00822	88630	/////	05406	14915	1////
I	60588	18900	32835	98268	24205	29403	71209	82915	/////	05951	17842	17540
J	60527	19500	60323	98016	32108	55438	00322	85618	/////	05503	10347	1////
K	60451	16100	41014	65011	23212	35730	71107	83656	/////	05109	11053	11653
M	63660	02000	32326	65016	01106	35550	00608	83620	/////	05102	11346	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	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	32906	82438	60618	12905	674//	61531	/////	/////	05104	12448	1////
B	60565	51006	61850	14216	68803	67300	00552	/////	/////	00002	16759	1////
C	60528	35506	81835	65022	30906	00907	00730	88211	/////	05202	11847	1////
D	60440	41006	81624	65022	26613	855//	00717	88630	/////	05106	11445	1////
I	60590	19006	32830	98258	28007	39400	61219	83915	/////	05503	17845	1////
J	60526	19506	80521	98022	35708	855//	00311	88625	/////	05403	10545	1////
K	60449	15806	30818	65011	24011	38540	21104	81826	83650	05208	10953	11653
M	63659	01906	82428	65022	00004	855//	51714	88620	/////	05552	12447	1////

CONVE TAB °C t

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36955

Date of Issue Saturday 26 January 1963

OBSERVATIONS at 12h. 25 January 1963

Code FM 11.A

RSION LE °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
104	Kew	775	12302	14057	39556	00903	60003	81070		
102	London Airport	772	52805	10287	40058	00901	60004	85072		
100	Gatwick	776	22701	11284	39558	26200	60203	82703		
99	Thorney Island	871	62601	23054	40055	16301	58106	81707	86070	
97	Hurn	862	40304	39051	40053	15601	54110	81630	83070	
95	Guernsey	894	50614	40051	38401	56200	53211	82705	85709	
93	Wattisham	590	42305	09484	38357	35701	58000	83656	83072	
91	Gorleston	497	62702	10424	37557	60930	59806	86360		
90	Mildenhall	578	82305	06484	38859	855//	61103	84705	88625	
88	Cardington	559	82204	10104	39559	855//	60004	88625		
86	West Raynham	485	12307	14104	37957	15600	58003	81635		
84	Wittering	462	52809	19047	38155	00901	56102	85078		
82	Boscombe Down	746	53305	15284	40358	16001	60110	81701	85076	
81	Ross-on-Wye	627	92802	01454	40258	9/0//	59204	89///		
79	Bristol	628	80000	01424	40756	871//	56112	88702		
77	Aberporth	502	02104	61014	40351	00900	53111			
75	Rhoose (Cardiff)	715	90000	F6494	41757	9/0//	57214	89///		
73	Plymouth	827	33303	13040	39353	00901	54004	83070		
72	Chivenor	707	30000	48057	40351	16301	54110	81706	83080	
70	St. Mawgan	817	40207	61030	39150	00901	53006	84078		
68	Culdrose	809	30506	60051	39002	00905	53013	81270	83075	
66	Scilly	804	70713	56032	38703	754//	00217	87612		
64	Elmdon	534	21803	09047	39255	00901	57104	82070		
63	Shawbury	414	20000	16041	39554	00901	55208	82072		
61	Manchester	334	22103	17284	39053	20930	55214	82365		
59	Squires Gate	318	71102	08044	38301	757//	53212	87656		
57	Valley	302	72010	58031	39603	4573/	01215	81715	84656	87360
55	Ronaldsway	204	83009	61201	38504	856//	01117	81713	86715	88630
54	Carlisle	222	70000	14052	38100	75571	52116	87628		
52	Watnall	354	32607	14044	38455	00909	56103	83170		
50	Spurn Head	396	42308	12044	36551	00908	54205	84275		
48	Finningley	360	43107	16041	37402	00901	53206	84075		
46	Dishforth	261	70000	09044	37353	757//	55111	87656		
45	Tynemouth	262	12917	58021	35103	10940	51116	81358		
43	Eskdalemuir	162	60203	65012	38001	45601	52232	04630	84072	
41	Mull of Galloway	131	63412	70021	38105	364//	04235	83715	85630	
39	Prestwick	135	12907	70016	37207	11501	03225	81822		
37	Renfrew	141	22806	56046	36707	11601	01226	81830		
36	Leuchars	171	32308	62031	34004	00901	01223	83070		
34	Dyce	091	52712	74031	33004	00902	53117	85070		
32	Wick	075	62826	66028	27905	3243/	01004	83818	86360	
30	Cape Wrath	049	82737	66036	28406	865//	04227	88720		
28	Sule Skerry	010	83224	66031	26607	8352/	03219	85920	88460	
27	Lerwick	005	62731	74038	20804	624//	52305	86815		
25	Stornoway	026	82714	66258	32706	1257/	02121	81825	88462	
23	Benbecula	022	82720	69038	35606	5851/	01224	83825	85635	88465
21	Tiree	100	62815	80011	36907	25631	01119	82630	84359	85072
19	Aldergrove	917	51806	56017	39701	55600	51222	85640		
18	Malin Head	980	73008	83036	39007	756//	02121	87632		
16	Belmullet	976	50107	74016	41006	556//	04224	85640		
14	Birr	965	82101	77031	41301	856//	52218	88635		
12	Collinstown	969	82712	58707	40101	855//	53219	85623	88635	
10	Rineanna	962	61004	50101	41202	657//	53217	86650		
9	Roches Point	952	10104	56051	40503	15601	51117	81635		
7	Valentia	953	20000	72030	40706	20931	51120	82360		
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OBSERVATIONS at 18h. 25 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	72303	14052	40554	3575/	58004	83656	85362	
London Airport	772	42202	09051	40657	45700	59306	84656		
Gatwick	776	00000	07464	40859	00900	60308			
Thorney Island	871	23102	11051	41255	00901	57213	82070		
Hurn	862	32601	17050	41657	20941	58312	82362		
Guernsey	894	50511	48051	40401	46402	53216	84711		
Wattisham	590	12703	09464	38957	15600	58004	81630		
Gorleston	497	12910	14051	37954	10970	55105	81358		
Mildenhall	578	02506	11104	38956	00900	57307			
Cardington	559	72406	14101	40056	756//	57208	87637		
West Raynham	485	00000	13101	39057	00900	58210			
Wittering	462	63011	09484	39554	00901	55312	86075		
Boscombe Down	746	53005	11052	41757	00901	58210	85076		
Ross-on-Wye	627	02601	17100	41457	00900	58113			
Bristol	628	90000	F9494	42056	9/0//	57210	89/00		
Aberporth	502	52704	56051	42350	10976	51316	81362	85275	
Rhoose (Cardiff)	715	00000	F6484	42257	00900	58112			
Plymouth	827	10208	40040	42051	00901	54210	81075		
Chivenor	707	10000	40020	42052	00901	53214	81080		
St. Mawgan	817	10710	62010	42352	00901	56221	81075		
Culdrose	809	10507	50051	41052	00901	55214	81070		
Scilly	804	40814	58032	40303	32401	52209	83815		
Elmdon	534	62704	05044	40353	656//	55213	86635		
Shawbury	414	72809	32041	40901	757//	52212	84713	85650	
Manchester	334	80000	14041	40400	854//	52010	88612		
Squires Gate	318	20000	06046	40451	00902	51216	82072		
Valley	302	31503	03466	41400	00932	50212	81365	83075	
Ronaldsway	204	30000	58045	41102	00902	00216	83070		
Carlisle	222	42101	40051	39902	15605	00212	81640	84070	
Watnall	354	13008	11044	39600	15800	52214	81657		
Spurn Head	396	22810	16040	37750	25600	51208	82630		
Finningley	360	33011	13041	39002	00901	51215	83075		
Dishforth	361	31402	20044	39051	10931	54215	81364	83075	
Tynemouth	262	22814	32050	37203	00908	51207	82275		
Eskdalemuir	162	82501	62031	40401	656/5	51116	86630	85068	
Mull of Galloway	131	32912	75011	41204	21540	02219			
Prestwick	135	72506	62041	39105	1557/	03214	81620	87360	
Renfrew	141	52610	37041	38505	45601	01210	84632	83070	
Leuchars	171	62314	62011	35303	16432	51105	81715	86070	
Dyce	091	62617	66012	33605	15608	51202	81635	86270	
Wick	075	62725	66022	28704	40932	01301	84360	86070	
Cape Wrath	049	02737	66022	27907	885//	03207	88620		
Sule Skerry	010	82737	54028	27208	874//	06203	88715		
Lerwick	005	82932	56808	18604	6942/	03511	86914	88459	
Stornoway	026	32617	74258	34106	18540	03208	81822		
Benbecula	022	82827	74038	37507	885//	02314	82824	88635	
Tiree	100	22918	80011	39007	14501	01212	81625		
Aldergrove	917	62504	56011	42300	00902	52219	86070		
Malin Head	980	72610	61102	41704	00908	03218	87275		
Belmullet	976	43301	80012	43601	15632	51217	81640	83361	
Birr	965	10000	56101	43900	15600	51219	81636		
Collinstown	969	22609	66017	42700	15602	52217	81640		
Rineanna	962	33102	58106	43751	25608	52214	82635	83070	
Roches Point	953	13605	62011	42702	00901	52212	81070		
Valentia	953	31002	69011	43204	35600	52315	83638		

OBSERVATIONS during DAY

Station	iii	RRT T E x x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00536	037	FFff	iffiif
London Airport	772	00557	000	shff	+
Gatwick	776	00537	038	+	if
Thorney Island	871	00516	063	+	+
Hurn	862	00536	///	+	+
Guernsey	894	00013	049	+	+
Wattisham	590	97546	///	FF	if
Gorleston	497	00543	007	+	+
Mildenhall	578	00556	018	FFff	+
Cardington	559	00557	027	ff	+
West Raynham	485	97557	035	FFff	+
Wittering	462	00527	027	ffis$_0$	if
Boscombe Down	746	97557	050	FFff	ff
Ross-on-Wye	627	00557	035	ff	f
Bristol	628	97557	000	FF	FF
Aberporth	502	00035	046	+	+
Rhoose (Cardiff)	715	00556	000	ffFF	FF
Plymouth	827	00025	055	+	+
Chivenor	707	97035	052	is$_0$	+
St. Mawgan	817	00026	077	+	+
Culdrose	809	00033	063	+	+
Scilly	804	00051	036	+	+
Elmdon	534	00007	040	ff	ff
Shawbury	414	00027	041	+	+
Manchester	334	00017	012	ff	ff
Squires Gate	318	97035	025	iiir$_0$	irFF
Valley	302	97055	019	ir-	ff
Ronaldsway	204	97065	035	id$_0$	+
Carlisle	222	00053	032	-	+
Watnall	354	00027	040	if	+
Spurn Head	396	00005	040	+	+
Finningley	360	00047	028	+	+
Dishforth	261	00046	029	ff	+
Tynemouth	262	00033	052	+	+
Eskdalemuir	162	00047	035	+	+
Mull of Galloway	131	00081	///	/	/
Prestwick	135	97073	042	pr$_0$	+
Renfrew	141	00083	040	+	+
Leuchars	181	00065	041	+	+
Dyce	091	00055	029	+	+
Wick	075	97053	009	pr$_0$	ir$_0$
Cape Wrath	049	93081	///	pr$_0$	ir$_0$
Sule Skerry	010	01081	///	/	/
Lerwick	005	04071	001	pr$_0$s$_0$ph$_0$	pr$_0$pr
Stornoway	026	95071	000	pr$_0$	pr$_0$
Benbecula	022	97071	000	+	pr$_0$
Tiree	100	00071	020	+	+
Aldergrove	917	00036	026	+	+
Malin Head	980	9608/	030	/	/
Belmullet	976	0108/	010	/	/
Birr	965	9704/	015	/	/
Collinstown	969	9703/	025	/	/
Rineanna	962	9704/	033	/	/
Roches Point	952	0005/	050	/	/
Valentia	953	0008/	061	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

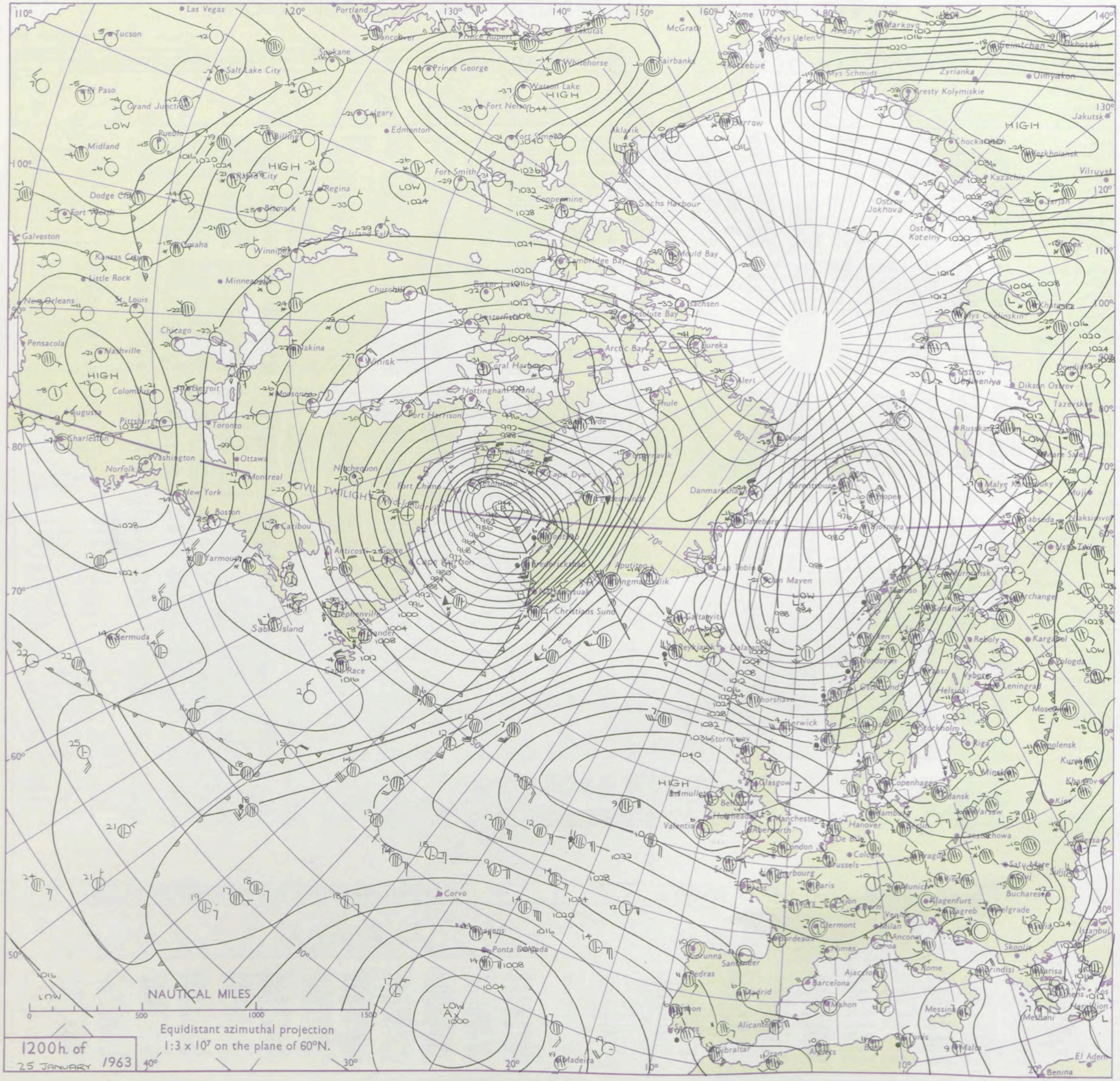
O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_a app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	32912	72135	65026	14706	764//	00400	/////	/////	05004	12159	1////
B	60565	51012	72048	09858	86855	72300	002112	87808	/////	06457	1696/	1////
C	60528	35512	81833	65022	30007	855//	00202	88630	/////	00004	16951	1////
D	60440	41012	71818	69022	24713	756//	00806	87635	/////	05307	14914	1////
I	60590	19312	82632	98028	32607	885//	61221	83820	88635	05402	17741	1////
J	60524	19422	70718	98012	39509	756//	00118	87630	/////	05404	10634	10446
K	60448	15912	30920	80011	26212	38500	71106	83823	/////	05206	10844	11652
M	63659	01912	42426	70018	94903	39471	51839	82915	/////	05655	12437	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_a app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60621	32718	81940	40636	12806	7742/	00611	87711	/////	00005	16962	1////
B	60565	51018	72345	14858	99758	72400	00254	87810	'////	07061	16969	1////
C	60528	35518	81830	65022	28608	856//	00610	88635	/////	00104	16951	1////
D	60440	41018	81415	69022	21213	856//	00715	88635	/////	05207	11146	1////
I	60591	19518	82628	98022	35608	885//	61326	83822	88650	05502	17642	1////
J	60522	19518	51220	98012	39410	585//	00007	82822	84650	05206	11234	10546
K	60451	16218	70830	70028	26211	785//	72110	83823	87650	05206	10846	11252
M	63659	01918	83038	65278	97250	894//	31328	86910	/////	06155	12949	1////

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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and snow shower
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shower
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3–7
8–12
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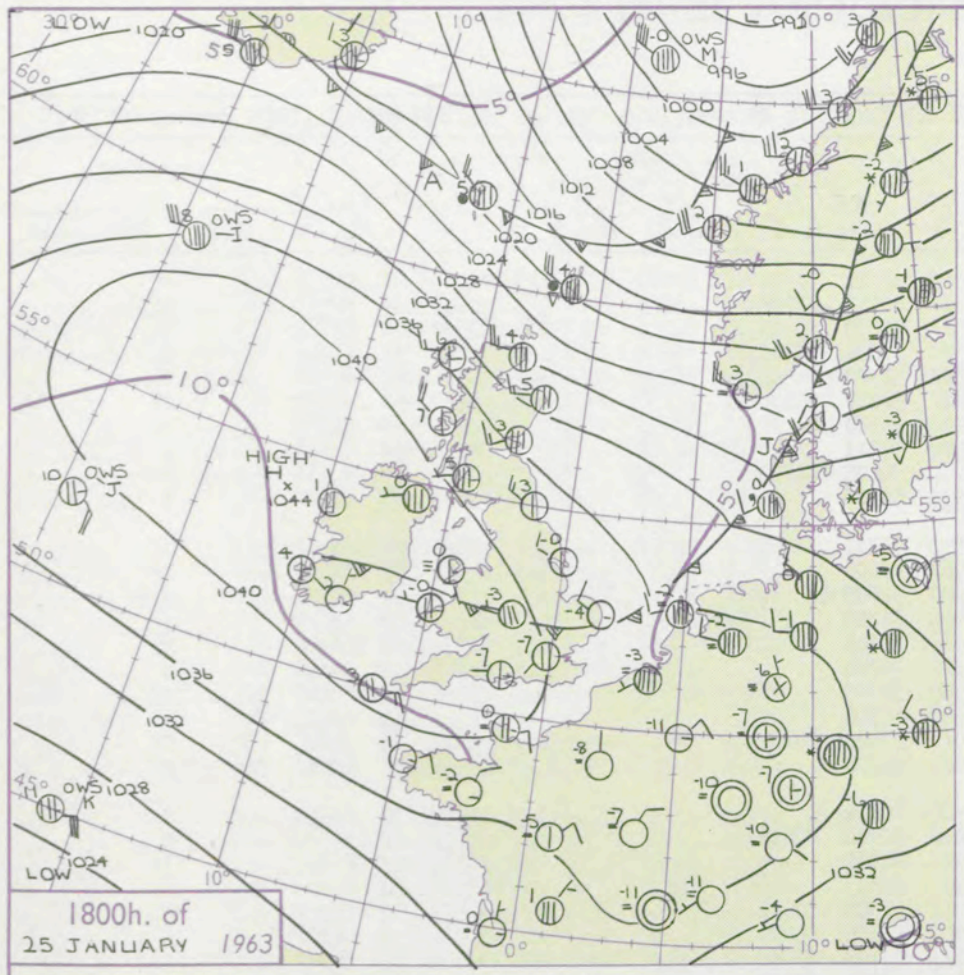
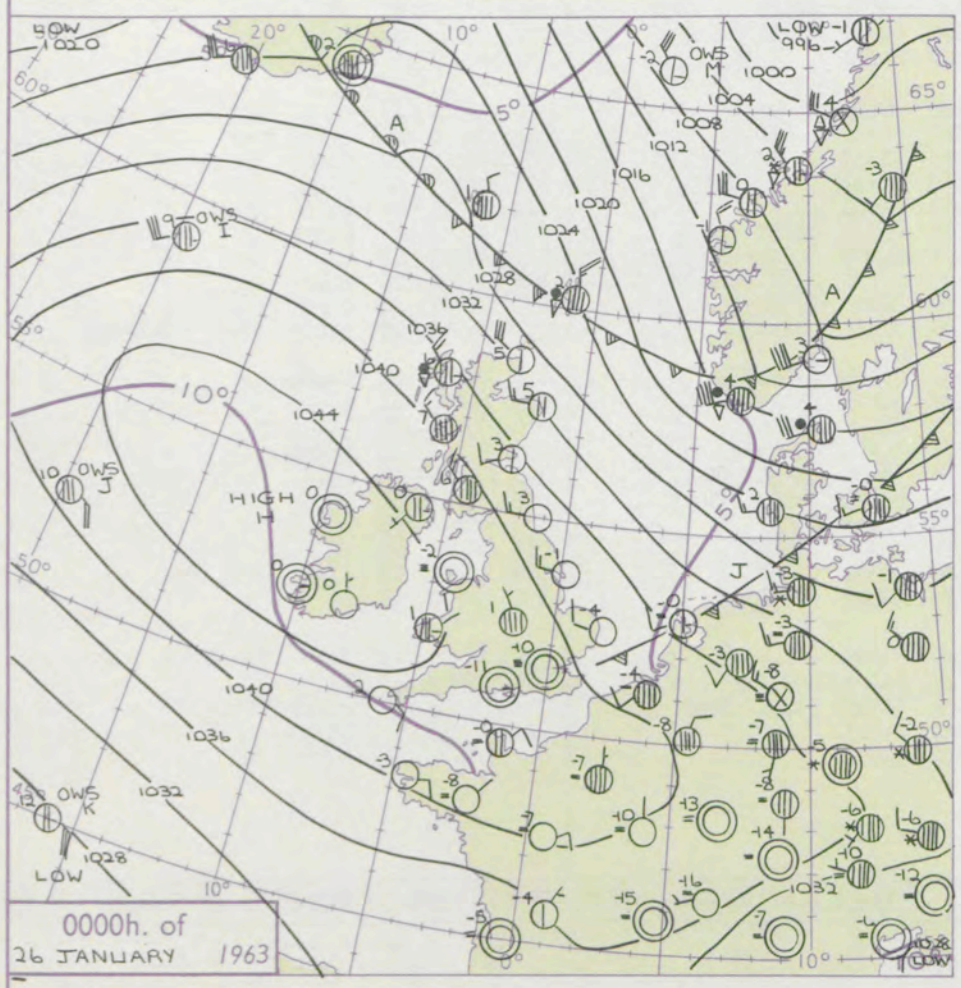
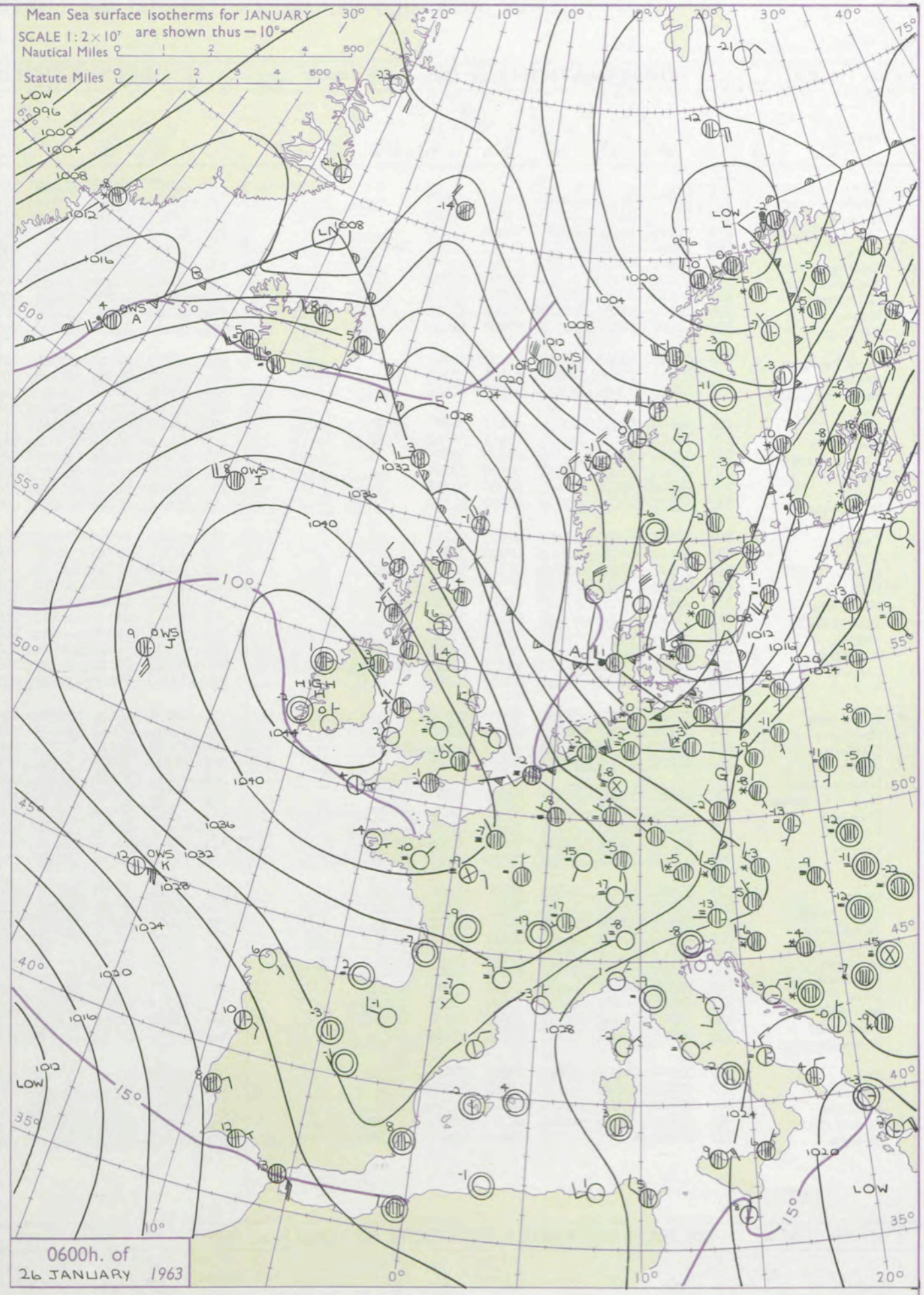
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Saturday 26 January** 1963

The Atlantic anticyclone moved east to Ireland and has now become slow moving. The high pressure cell over southern England weakened, and with the other high becoming the dominant centre, a northwesterly flow has penetrated south to all parts of the British Isles, the gradient being strengthened by the formation of a depression over south Sweden. This low will move southeast into the Continent, and the high over Ireland will continue to dominate British Isles weather for the next 24 hours.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The thaw will continue in the north, and a slow thaw will extend to all parts of the British Isles during this afternoon except locally in central southern England. Slight showers will continue in north Scotland, but all other areas will be dry, with some sunshine. Fog patches in the south will clear slowly. Slight frost will recur in many parts of England and Wales tonight.

OUTLOOK for following 24 hours

Thaw continuing in the north, and slow thaw being resumed during the day in the south.

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

Code FM 11.A

OBSERVATIONS at 00h. 26 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			55					
London Airport	772	00000	05444	42060	00900	61207			
Gatwick	776	00000	15040	41763	00900	64107			
Thorney Island	871	02803	14050	4356	00900	57109			
Hurn	862	10000	23050	42761	00901	62211	81070		
Guernsey	894	00408	40051	42201	00900	53307			
Wattisham	590	03105	11104	40354	00900	55102			
Gorleston	497	02811	13050	39854	00900	55105			
Mildenhall	578	02406	09050	40357	00900	58105			
Cardington	559	02407	14100	41659	00900	61207			
West Raynham	485	02605	11100	39954	00900	55201			
Wittering	462	03011	11040	40956	00900	57004			
Boscombe Down	746	03206	13054	43058	00900	60206			
Ross-on-Wye									
Bristol	628	90000	F7494	43756	9/0//	56207	89/00		
Aberporth	502	70402	58031	44201	764//	00212	87712		
Rhoose (Cardiff)	715	03505	01404	43059	00900	60309			
Plymouth	827	03603	13040	43553	00900	55111			
Chivenor	707	00902	19100	43656	00900	57206			
St. Mawgan	817	00407	59020	43751	00900	54109			
Culdrose	809	00509	60050	43553	00900	56211			
Scilly	804	01112	66020	42202	00900	55202			
Elmdon	534	83307	17042	41801	863//	52107	88709		
Shawbury	414	02607	56041	42554	00900	55105			
Manchester	334	92105	F4454	43000	9/0//	00214	89/01		
Squires Gate	318	03211	48044	42002	00900	01208			
Valley	302	00000	03444	43652	00900	53105			
Ronaldsway	204	02913	61020	42605	00900	01106			
Carlisle	222	82107	58012	40603	50977	01001	81361	85466	88270
Watnall	354	03005	10040	41451	00900	52003			
Spurn Head	396	02813	16040	38751	00900	53502			
Finningley	360	02911	10040	40601	00900	52701			
Dishforth	261	32908	56040	39502	00901	54804	83075		
Tynemouth	262	02714	61020	37803	00900	50804			
Eskdalemuir									
Mull of Galloway	131	22915	75021	42505	25600	0221	82630		
Prestwick	135	82914	66021	40406	856//	03400	81640	88647	
Renfrew	141	32912	66011	39706	35600	03204	83630		
Leuchars	171	22412	66011	35503	15601	00801	81645		
Dyce	091	42717	74021	33105	25602	01704	82630	83070	
Wick	075	22928	69216	29505	25600	04306	82630		
Cape Wrath	049	82737	66026	30907	885//	05218	88620		
Sule Skerry	010	52937	58026	29608	561//	06213	85715		
Lerwick	005	83524	62808	24502	884//	51240	83815	88637	
Stornoway	026	73013	61006	36706	784//	04212	85010	87628	
Benbecula	022	83018	62258	38906	885//	04003	83830	84630	88643
Tiree	100	83015	80011	40307	856//	04106	88637		
Aldergrove	917	52106	66031	44000	55600	52205	85638		
Malin Head	980	82913	74022	43307	856//	02206	88638		
Belmullet	976	00000	74021	45900	00900	51105			
Birr	965	00000	06464	46853	00900	54212			
Collinstown	969	02709	61100	44951	00900	53109			
Rineanna	962	03406	03460	45954	00900	55302			
Roches Point	952	03507	69020	44800	00900	51208			
Valentia	953	10000	69010	45000	15600	52208	81638		

OBSERVATIONS at 06h. 26 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	82303	15104	39852	854//	52 11	88613		
London Airport	772	83006	11284	40150	862//	51711	88703		
Gatwick	776	93008	06494	40452	9/0//	53508	89/02		
Thorney Island	871	83309	20051	41251	863//	52504	88706		
Hurn	862	80109	28101	41251	863//	51708	88706		
Guernsey	894	80209	06462	41601	860//	52807	87700		
Wattisham	590	03005	07444	38455	00900	56510			
Gorleston	497	02808	19050	36453	00900	55711			
Mildenhall	578	42607	08460	38654	46200	54605	84704		
Cardington	559	02608	19104	39800	00900	50710			
West Raynham	485	02709	17100	37554	00900	55711			
Wittering	462	02812	12284	39153	00900	53606			
Boscombe Down	746	03507	06464	41753	00900	54603			
Ross-on-Wye	627	00000	17100	42662	00900	63708			
Bristol	628	90000	F7494	42256	9/0//	58605	89/00		
Aberporth	502	03209	40051	43002	00900	00704			
Rhoose (Cardiff)	715	03205	07484	42656	00900	56605			
Plymouth	827	03006	24040	42953	00900	54704			
Chivenor	707	90000	F1494	43553	9/0//	54400	89/00		
St. Mawgan	817	00406	28100	43251	00900	51706			
Culdrose	809	00409	57050	43052	00900	53604			
Scilly	804	20707	61010	42904	25400	02704	82612		
Elmdon	534	01601	10111	40753	00900	54822			
Shawbury	414	02708	56040	40954	00900	55608			
Manchester	334	80903	48284	40550	855//	51500	88625		
Squires Gate	318	13015	60020	40103	00902	01705	81070		
Valley	302	72707	19284	42804	756//	03703	87635		
Ronaldsway	204	22916	74011	41405	25600	01806	82645		
Carlisle	222	22712	69011	39304	25600	01804	82630		
Watnall	354	03008	61020	39502	00900	00702			
Spurn Head	396	02815	16040	36551	00900	51709			
Finningley	360	03115	23040	38303	00900	50704			
Dishforth	261	03109	80020	37704	00900	51808			
Tynemouth	262	02717	66020	36204	00900	01606			
Eskdalemuir	162	03215	66020	39503	00900	01500			
Mull of Galloway	131	83315	75021	41204	865//	02707	88720		
Prestwick	135	83106	66022	39806	855//	04302	82626	88650	
Renfrew	141	63109	74258	39106	68500	03500	82825	85640	
Leuchars	171	32815	80011	36206	35700	01003	83650		
Dyce	091	82913	66216	34904	856//	02212	88630		
Wick	075	73216	74038	33805	756//	04221	87630		
Cape Wrath	049	62724	66028	35706	685//	04228	86620		
Sule Skerry	010	83209	48616	33607	863//	07217	88706		
Lerwick	005	63209	74021	31701	656//	54125	86640		
Stornoway	026	63008	69258	38606	685//	04209	83022	85635	
Benbecula	022	83112	62258	40306	885++	04309	83022	88633	
Tiree	100	83014	74026	41007	856//	05203	88637		
Aldergrove	917	82307	62022	42803	856//	00702	88640		
Malin Head	980	83110	74022	42907	856//	05301	88640		
Belmullet	976	70000	74031	45701	756//	00502	87630		
Birr	965	00000	05424	46053	00900	53605			
Collinstown	969	82610	62101	44351	855//	53602	88628		
Rineanna	962	70000	04284	46256	770//	56603	85701	87703	
Roches Point	952	03507	69020	45000	00900	51503			
Valentia	953	00000	69020	44952	00900	53602			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00556	63	if	+
London Airport	772	00607	59	ff	$ff if_o$
Gatwick	776	00637	67	iF	ff
Thorney Island	871	00566	59	+	+
Hurn	862	00626	64	+	+
Guernsey	894	00513	53	+	ff
Wattisham	590	00576	59	is	is
Gorleston	497	00553	59	+	+
Mildenhall	578	00576	61	+	ff
Cardington	559	97607	64	f	f
West Raynham	485	00567	58	+	+
Wittering	462	00567	59	+	ff
Boscombe Down	746	00587	60	ff	ifff
Ross-on-Wye	627	00637	67	if	if
Bristol	628	00577	57	FF	FF
Aberporth	502	00535	56	+	+
Rhoose (Cardiff)	715	00596	61	FFff	ff
Plymouth	827	00545	60	+	+
Chivenor	707	97575	61	+	FF
St. Mawgan	817	00556	58	+	FF
Culdrose	809	00543	59	+	+
Scilly	804	00021	//	+	+
Elmdon	534	00567	59	+	if
Shawbury	414	00577	60	+	+
Manchester	334	00517	52	ff	ff
Squires Gate	318	00565	57	FF1F1f	+
Valley	302	00545	58	ff	ff
Ronaldsway	204	00035	51	+	+
Carlisle	222	00003	51	+	+
Watnall	354	00527	56	+	+
Spurn Head	396	00525	//	+	+
Finningley	360	00517	55	+	+
Dishforth	261	00546	57	+	+
Tynemouth	262	00023	50	+	+
Eskdalemuir	162	00027	50	+	+
Mull of Galloway	131	00031	//	/	/
Prestwick	135	00041	51	+	+
Renfrew	141	97051	01	pr_o	pr_o
Leuchars	171	00035	01	+	+
Dyce	091	94045	02	+	ir_opr_o
Wick	075	01041	01	ir_opr_o	pr_o
Cape Wrath	049	95051	01	+	+
Sule Skerry	010	03061	05	/	/
Lerwick	005	92003	52	or_opr_o	+
Stornoway	026	95051	1	pr_o	pr_o
Benbecula	022	92051	04	pr_o	pr_o
Tiree	100	97061	04	+	ir_o
Aldergrove	917	00006	55	+	+
Malin Head	980	00061	02	f	/
Belmullet	976	97523	57	/	/
Birr	965	97555	59	/	/
Collinstown	969	97533	55	/	/
Rineanna	962	97573	58	/	/
Roches Point	952	97511	54	/	/
Valentia	953	97533	56	/	/

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	70621	32900	82036	50586	15507	6742/	00223	/////	/////	00106	17062	1////
B	70565	51000	72339	18858	07659	72400	00234	87810	/////	07263	17069	1////
C	70528	35500	81621	65022	26309	855//	15808	88625	/////	00305	11649	1////
D	70440	41000	81824	69022	18714	855//	00715	88625	/////	05207	11756	1////
I	70590	19600	72430	98031	38409	785//	61009	81820	86650	05103	17640	1////
J	70522	19800	61121	98036	41110	65600	00003	86630	/////	05304	11134	1////
K	70451	16000	51030	70018	28012	58500	31400	81830	85650	05106	10946	11252
M	73659	02100	33128	65028	06652	39400	71314	81910	/////	06355	18142	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	70620	33006	82020	60518	19204	874//	00107	88713	/////	05403	12057	1////
B	70565	51006	72330	37858	12462	874//	00129	/////	/////	07865	17155	1////
C	70528	35506	21623	65021	21709	25500	00730	82625	/////	00406	11548	1////
D	70440	41006	81823	69258	14115	825//	00714	88825	/////	00009	11846	1////
I	70588	19406	82522	98022	39608	856//	32002	88645	/////	05203	12447	1////
J	70521	19806	71323	98021	38609	756//	00710	87635	/////	05402	11336	10847
K	70449	15906	40934	7 011	26712	45700	31806	84650	/////	05107	10946	11353
M	73659	02106	83040	60268	13850	894//	71223	85910	/////	06355	18044	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36956

Date of Issue Sunday 27 January 1963

Code FM 11.A — OBSERVATIONS at 12h. 26 January 1963

RSION LE °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
104	Kew	775	73309	56021	38904	755//	51702	87625		
102	London Airport	772	73408	48034	39303	756//	50802	87640		
100	Gatwick	776	63105	48054	39302	35801	00502	83657	83075	
99	Thorney Island	871	23107	40051	40202	00901	54705	82075		
97	Hurn	862	22906	40051	40501	00901	52709	81170		
95	Guernsey	894	23511	60014	41004	26202	01815	82705		
93	Wattisham	590	83318	44054	37502	856//	00801	88635		
91	Gorleston	497	83315	48051	36104	6557/	01004	86623	87360	
90	Mildenhall	578	83208	40024	37602	856//	01803	86635	88650	
88	Cardington	559	73008	30101	39303	7093/	01001	87358		
86	West Raynham	485	63116	37011	37002	65600	51000	86645		
84	Wittering	462	63214	35041	39003	55701	00103	85640		
82	Boscombe Down	746	33309	40054	41001	00901	51602	83075		
81	Ross-on-Wye	627	00000	08444	41553	00900	54710			
79	Bristol	628	10000	09424	41351	00901	52714	81075		
77	Aberporth	502	70307	40401	43105	757//	03702	81701	87656	
75	Rhoose (Cardiff)	715	13011	48104	41901	00901	01707	81075		
73	Plymouth	827	43206	28040	42701	00901	52809	84075		
72	Chivenor	707	90000	01454	43201	9/0//	52804	89/01		
70	St. Mawgan	817	70209	12284	43401	762//	01809	82702	86703	
68	Culdrose	809	10311	56050	42705	15501	01807	81620		
66	Scilly	804	20509	61021	43406	21400	04708	82815		
64	Elmdon	534	53312	28044	40604	55700	01106	85656		
63	Shawbury	414	13513	59011	41504	15702	01102	81656		
61	Manchester	334	43107	24041	41104	20971	01000	82365	84075	
59	Squires Gate	318	53311	40041	41404	10941	03206	81360	85072	
57	Valley	302	73313	64022	42806	756//	04801	87640		
55	Ronaldsway	204	73214	64031	42507	18402	03005	81813	87075	
54	Carlisle	222	52104	61021	41206	18538	03107	81325	85075	
52	Watnall	354	33313	40031	39805	15701	01107	81656	83075	
50	Spurn Head	396	73212	32051	37202	5561/	52108	85630	87460	
48	Finningley	360	73215	20041	39405	756//	01109	87645		
46	Dishforth	261	63310	48041	39306	40932	01013	84362	85072	
45	Tynemouth	262	83014	57021	38906	855//	01216	88627		
43	Eskdalemuir	162	73005	66011	41305	00901	02107	87070		
41	Mull of Galloway	131	73614	74012	43307	5567/	05221	85630	86360	
39	Prestwick	135	72705	60042	41607	28571	05106	81825	86364	
37	Renfrew	141	72907	50041	41407	35676	04208	83645	85462	87270
36	Leuchars	171	73113	80022	39307	55702	02110	85650	85070	
34	Dyce	091	72912	62258	38705	786//	02115	82830	87645	
32	Wick	075	73013	74258	37206	784//	05209	82818	83630	86645
30	Cape Wrath	049	72713	81026	38706	785//	05208	87620		
28	Sule Skerry	010	63209	74016	37607	4547/	06214	84615	86360	
27	Lerwick	005	73008	69031	34704	755//	02107	81710	87623	
25	Stornoway	026	82809	70258	41207	884//	05105	83818	88630	
23	Benbecula	022	73012	74022	42306	755/	04002	82627	87637	
21	Tiree	100	83213	66032	42207	856//	05000	81635	88640	
19	Aldergrove	917	83102	55052	44105	856//	02205	88640		
18	Malin Head	980	83110	74216	44008	856//	05005	88645		
16	Belmullet	976	70000	78022	46303	756//	01400	87632		
14	Birr	965	71802	74014	46201	756//	01804	87636		
12	Collinstown	969	72911	74022	44702	856//	51002	87633		
10	Rineanna	962	70000	03424	46353	761//	54808	84702	87712	
9	Roches Point	952	53508	58051	45003	00901	00809	85072		
7	Valentia	953	10803	62050	45104	00901	01806	81070		

OBSERVATIONS at 18h. 26 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
775	33506	23041	39904	00902	01213	83070		
772	73306	40022	40003	10936	01214	81362	87270	
776	63404	48051	39404	55601	01211	85635	85075	
871	33608	19051	40303	15801	01318	81657	83075	
862	62507	19051	40501	15702	51307	81656	86075	
894	10208	40050	40304	10941	01310	81362		
590	73410	48038	38302	3567/	00216	83630	86358	
497	73411	58052	37303	4557/	50220	84625	87360	
578	83506	37026	39202	854//	01218	84617	88623	
559	23206	28041	40004	00902	51210	82075		
485	73410	56021	38502	756//	01210	87630		
462	63410	32042	39903	25702	00213	82650	86072	
746	53605	37051	40901	00901	00211	85075		
627	20201	48020	41803	15601	01110	81630		
628	40000	32050	41501	35601	51213	83635		
502	30000	62021	42602	00902	01306	83075		
715	43306	61051	42002	00901	01212	84078		
827	03310	12040	42102	00902	01210	81070		
707	10000	02464	42100	00901	00306	81075		
817	20203	50050	42103	00901	02302	82075		
809	30211	56050	41203	25509	01302	82620		
804	10513	61010	41906	15600	04610	81640		
534	73408	08041	41203	55641	01214	85635	85068	
414	53409	35101	42503	00902	02314	85075		
334	31906	09444	41601	10931	01212	81365	83075	
318	73602	10042	42003	00902	02215	87072		
302	61101	58021	43104	00902	02312	86070		
204	73612	62022	42505	00902	03107	87075		
222	70000	61022	42503	6563/	01213	86640	87360	
354	63509	32011	40704	656//	01210	84630	86656	
396	63211	57012	39202	65500	01213	86625		
360	73410	23042	40604	756//	01111	87644		
261	73603	58052	41104	755//	01216	85625	87645	
262	83216	48022	41005	855//	01216	88625		
162	40103	66012	43004	35601	01110	83630	84070	
131	70215	74021	40705	5567/	02710	85630	86360	
135	51603	60042	42502	35602	01210	83640	84075	
141	12606	08041	42804	15600	03212	81645		
171	33010	80011	41405	35701	01212	83650		
091	13110	74018	41103	15600	01215	81635		
075	42808	69021	39803	25630	03216	82630	83358	
049	72709	83028	41106	755//	04210	87620		
010	83209	58808	39507	864//	07215	88710		
005	72910	58258	37106	784//	04216	83812	86622	
026	83103	66025	42805	856//	04211	88636		
022	83308	69022	43407	856//	02207	88647		
100	83207	62032	43506	856//	05310	88635		
917	70000	48052	44303	755//	02307	81625	87635	
980	83305	64025	44407	855//	05207	83628	88645	
976	70000	75021	45303	756//	02204	87635		
965	80000	66032	45502	856//	01208	88636		
969	73008	61102	44303	756//	01210	87635		
962	70000	12284	45552	756//	52203	87640		
952	20209	66011	44204	00901	00305	82072		
953	00807	75050	44304	00900	51302			

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	57056	029	+	+
772	00056	023	ff	+
776	97057	043	+	r_or_o
871	00056	063	+	+
862	00046	///	+	+
894	00060	057	+	+
590	92535	///	+	pr_o
497	00055	003	+	+
578	97036	011	+	ir_o
559	00056	013	+	+
485	00047	014	+	+
462	00056	028	+	+
746	00037	070	+	+
627	00057	060	ff	+
628	00037	003	FFff	ff
502	00055	039	ff	+
715	00046	059	+	+
827	00055	053	+	+
707	00051	028	FF	FF
817	00046	041	ff	+
809	00073	070	+	+
804	00071	062	+	+
534	00047	042	+	+
414	00057	063	+	+
334	00056	037	+	ff
318	00065	050	+	ffifiFFF
302	00073	035	+	ffFF
204	00075	041	+	+
222	00091	038	+	+
354	00067	039	+	+
396	00045	010	+	+
360	00067	016	+	+
261	92065	021	+	$iri r_o$
262	00061	000	+	+
162	00086	048	+	+
131	00081	///	/	/
135	00081	016	+	+
141	00091	012	+	+
171	00075	002	+	+
091	93055	002	pr_o	+
075	96072	005	pr_opr	ir_o
049	02072	///	ir_opr_o	ir_opr_o
010	03081	///	/	/
005	92061	000	pr_o	pr_oid_o
026	01071	000	pr_o	id_o
022	00071	000	+	+
100	00081	000	+	+
917	00056	000	+	+
980	9708	000	/	/
976	9706	017	/	/
965	9703	003	/	/
969	9705	000	/	/
962	9751	000	/	/
952	9707	075	/	/
953	9708	071	/	/

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	70620	33112	81832	35585	17406	874//	00511	88713	/////	00105	11868	1////
B	70565	51012	72318	63268	13864	724//	00305	87810	/////	08271	17250	1////
C	70528	35512	21421	69021	17009	20730	00729	82356	/////	00306	11547	1////
D	70440	41012	81822	75612	12413	3742/	00400	83810	88530	05211	11846	1////
I	70588	19512	72120	98032	40508	756//	00500	87640	/////	05203	12245	12448
J	70521	20012	81426	98032	37409	856//	00805	83718	88836	05503	11446	11148
K	70450	15912	71036	62022	26412	785//	21801	84824	86650	05109	10948	11356
M	73660	01712	82927	60268	19900	5554/	71119	85620	/////	05054	13049	1////

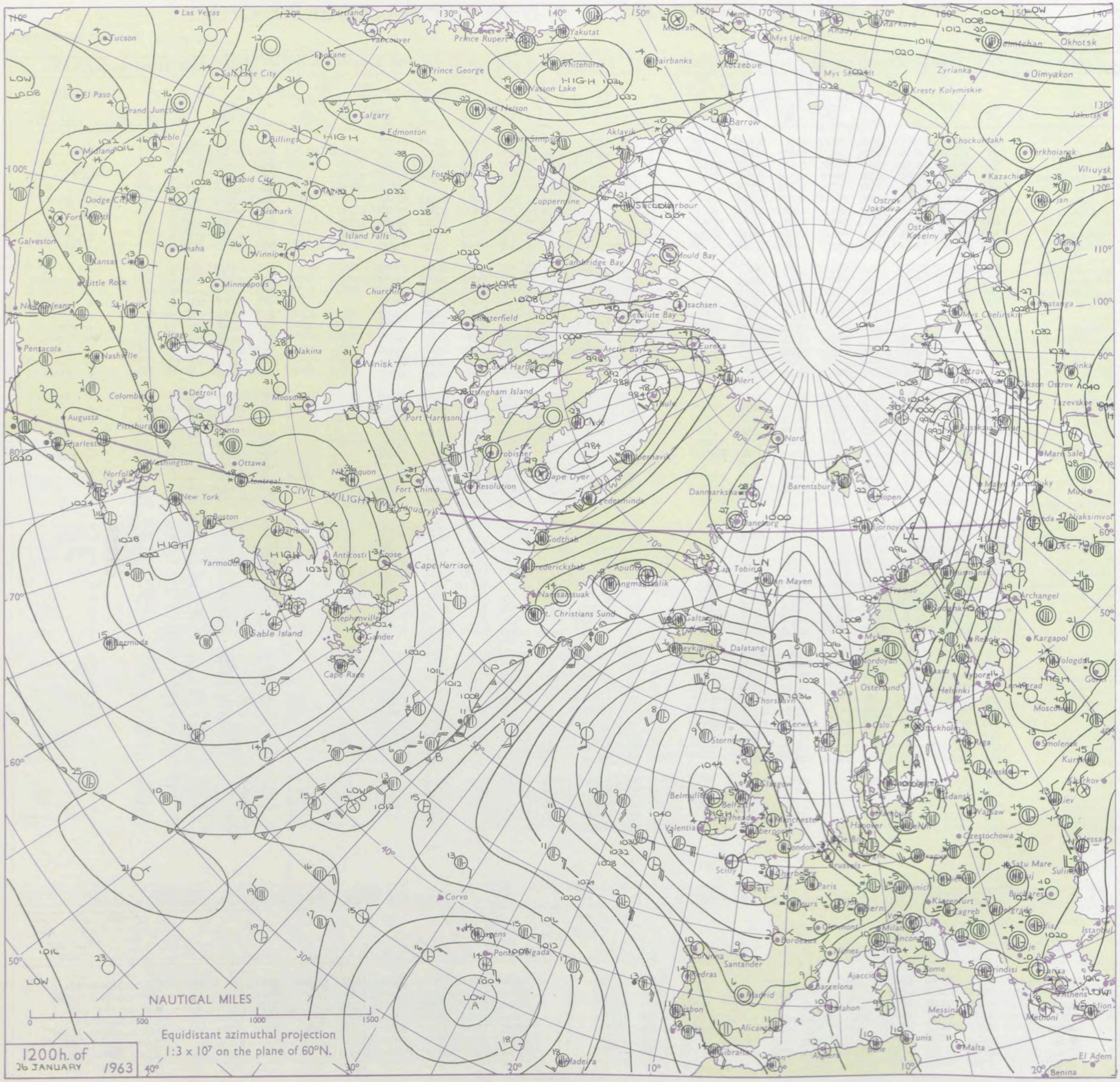
OCEAN WEATHER STATION REPORTS at 18h.

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	33018	61633	60016	11707	46342	00729	/////	/////	00205	11669	1////
B	70565	51018	72320	56858	13662	724//	00207	87810	/////	07966	12547	11854
C	70528	35518	61620	65021	13209	20832	00715	82357	860//	00407	11536	1////
D	70440	41018	83238	58614	09914	5742/	00500	85810	88520	05510	12417	1////
I	70589	19418	71920	98032	37709	756//	00801	81625	87635	00005	12046	12446
J	70523	19918	71327	97032	35010	756//	00501	87630	/////	05406	11946	11157
K	70448	16318	81033	58216	24912	5852/	61301	84824	84650	05110	10948	11456
M	73660	02018	82724	65026	19606	854//	21213	88615	/////	05003	12746	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Las Vegas
Portland
Tucson
Vancouver
Prince Rupert
Yakutat
Spokane
Salt Lake City
Prince George
Whitehorse
Fairbanks
Watson Lake
HIGH 1036
El Paso
Grand Junction
Fort Nelson
Calgary
Edmonton
Pueblo
Billings
Fort Simpson
Aklavik
Barrow
Midland
Rapid City
Fort Smith
Dodge City
Bismarck
Coppermine
Island Falls
Galveston
Fort Worth
Omaha
Winnipeg
Kansas City
Minneapolis
Little Rock
Churchill
Baker Lake
Cambridge Bay
Mould Bay
Resolute Bay
Isachsen
Eureka
Alert
Arctic Bay
Nashville
Chicago
Pentacola
Nakina
Moosonee
Detroit
Colombus
Augusta
Pittsburgh
Toronto
Ottawa
Washington
Norfolk
Montreal
New York
Boston
Yarmouth
Anticosti
Goose
Cape Harrison
Fort Chimo
Resolution
Cape Dyer
Frobisher
Port Harrison
Nottingham Island
Coral Harbour
Baker Lake
Mould Bay
Thule
Alert
Nord
Barentsburg
Danmarkshavn
Longyearbyen
Hopen
Bermuda
Sable Island
Stephenville
Gander
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Aputiuk
Narssarssuak
Angmagssalik
Kap Tobin
Jan Mayen
Bjornoya
Murmansk
Archangel
Reykjavik
Dalatangi
Thorshavn
Lerwick
Stornoway
Belmullet
Belfast
Glasgow
Valentia
Scilly
Corvo
Ponta Delgada
Madeira
Lisbon
Gibraltar
Malta
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Kuibyshev
Kargapol
Vologda
Leningrad
Helsinki
Oslo
Stockholm
Riga
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Anadyr
Markovo
Kotzebue
Zyrianka
Oimyakon
Okhotsk
Kresty Kolymiskie
Chokurdakh
Verkhoiansk
Jakutsk
Viliuysk
Kazachie
Ostrov Kotelny
Ostrov Jokhova
Mys Chelirskin
Ostrov Dezhneva
Tazevskoe
Russkaia Gavan
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Jan
Okson Ostrov
Nordvik
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CHARTS OF WEATHER IN WEST EUROPE

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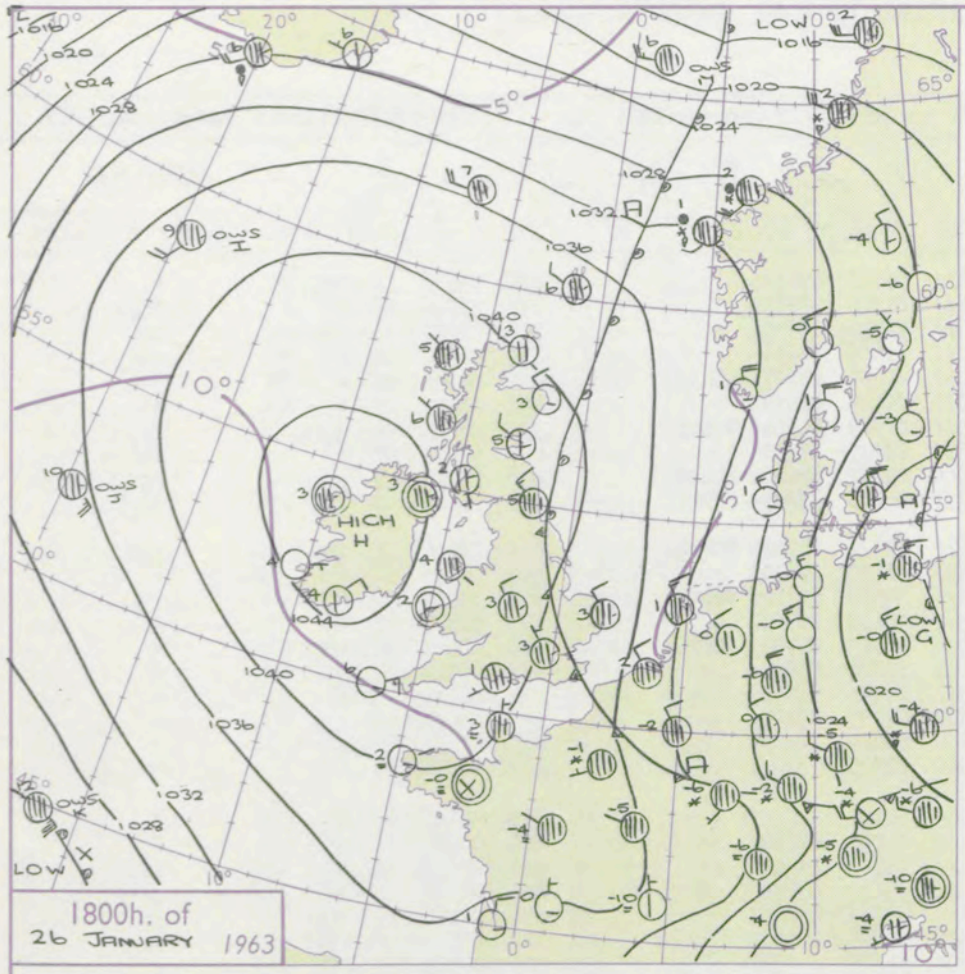

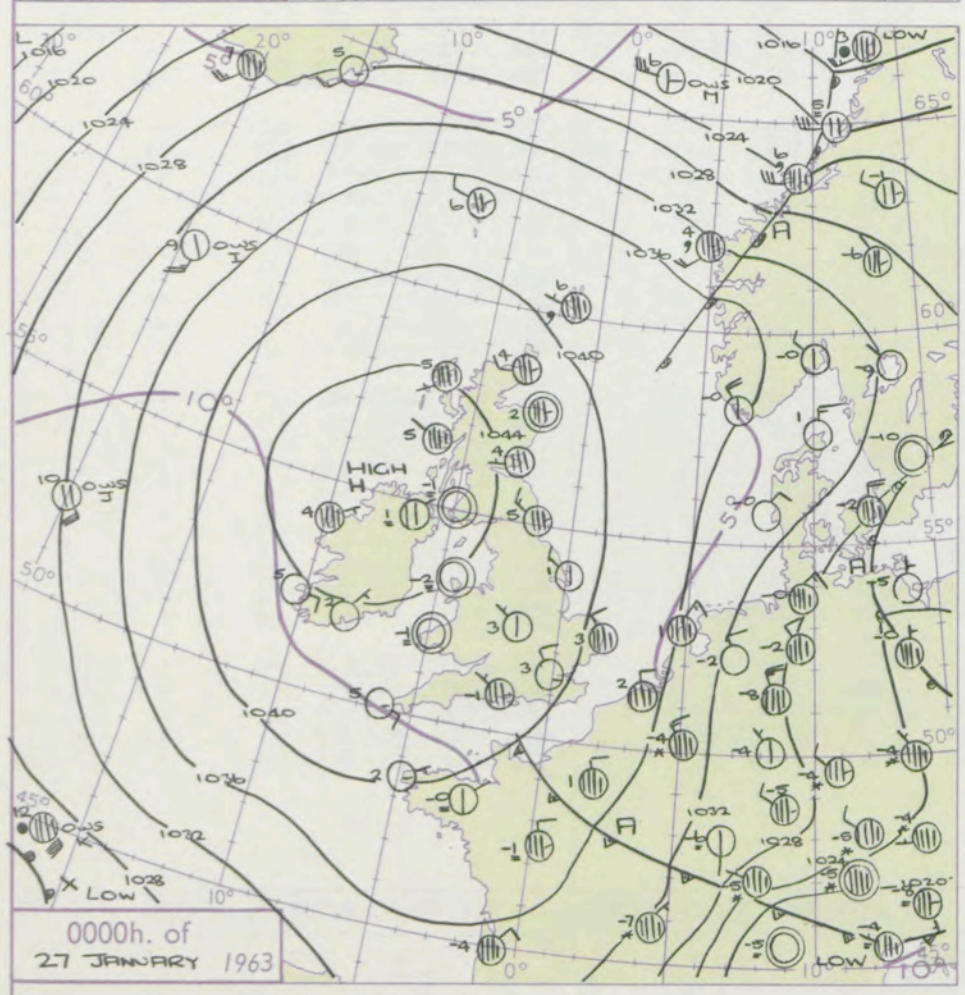

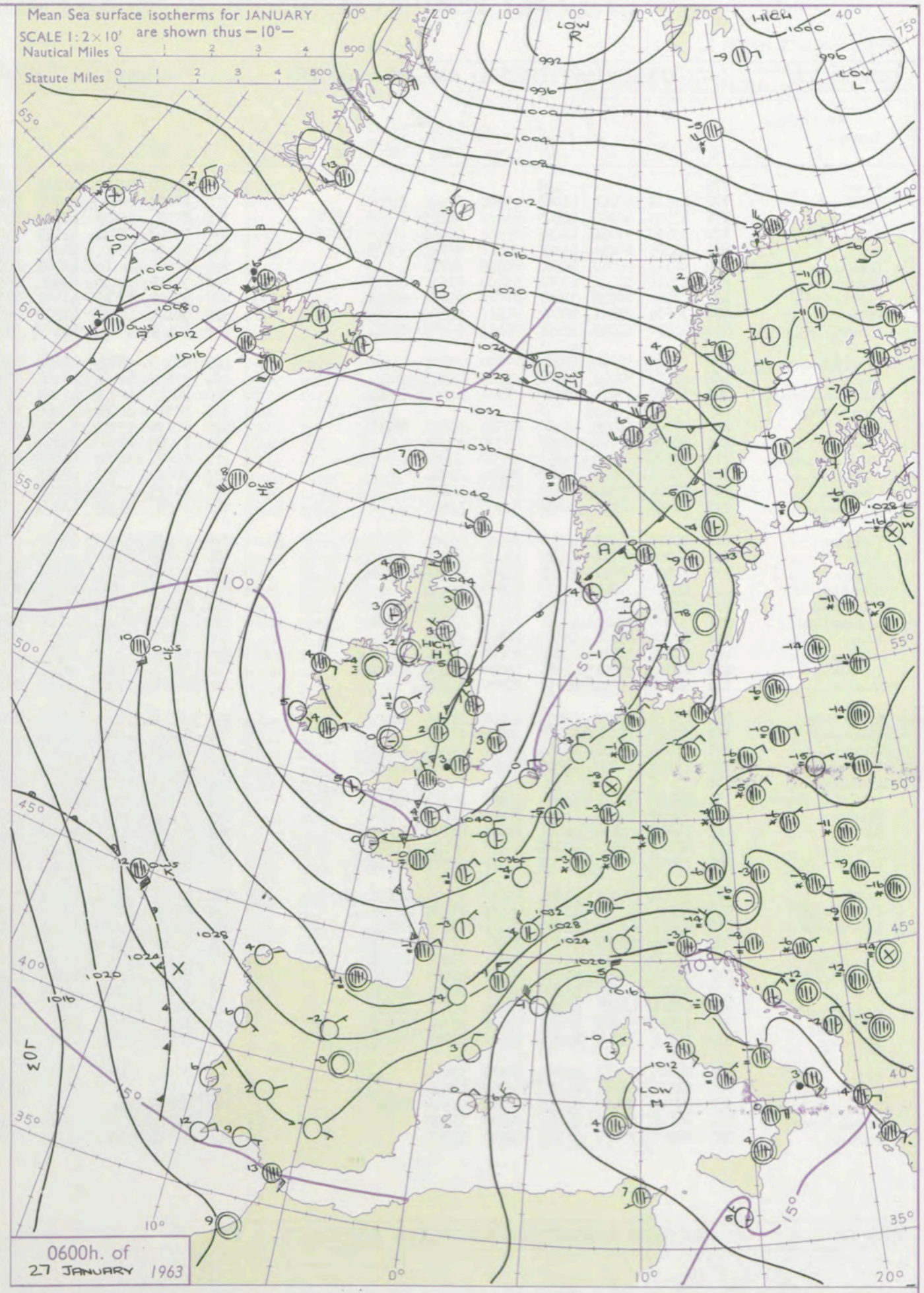

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Sunday 27 January** 1963

After remaining almost stationary over Ireland, the large anticyclone is now moving slowly east with strong ridging to both Scandinavia and to Central Europe. Relatively weak low pressure features are moving round the high from Central Atlantic to Iceland and thence to north of Scandinavia. The west Atlantic upper trough is likely to relax as a new anticyclone moves eas from Newfoundland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Mainly dry, sunny periods in Northern Ireland, Southern Scotland and some other northwest areas but also local patches of freezing fog in some northern industrial areas. Light showers near coasts of eastern England. Daytime thaw continuing in almost all areas but frost will recur at night to many places.

OUTLOOK for following 24 hours

Mainly dry with sunny periods. Daytime thaw continuing tomorrow. Frost in places at night.

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

Code FM II.A

OBSERVATIONS at 00h. 27 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			03					
London Airport	772	13510	40011	41003	15600	01501	81640		
Gatwick	776	83505	40056	40503	854//	01303	86612	88635	
Thorney Island	871	33610	37051	41003	15601	01003	81640	83075	
Hurn	862	73205	28051	41351	756//	52801	87635		
Guernsey	894	00311	40050	40904	00900	01702			
Wattisham	590	53414	56011	40001	55600	01305	85630		
Gorleston	497	83512	60022	39103	855//	01204	88625		
Mildenhall	578	73605	23101	40502	762//	01204	87705		
Cardington	559	73410	32041	41403	756//	02204	87634		
West Raynham	485	13513	56011	40202	15600	01204	81640		
Wittering	462	13412	32041	41502	00901	01304	81072		
Boscombe Down	746	33605	37051	42150	00901	51208	83075		
Ross-on-Wye	627								
Bristol	628	10104	13050	42101	00902	51803	81075		
Aberporth	502	00000	32100	43751	00900	51203			
Rhoose (Cardiff)	715	03506	58050	42851	00900	52801			
Plymouth	827	00206	58020	42003	00900	01705			
Chivenor	707	00000	F3484	42954	00900	54400			
St. Mawgan	817	00908	62020	42401	00900	51502			
Culdrose	809	00610	66020	42101	00900	51602			
Scilly	804	11008	61020	41705	15600	03601	81640		
Elmdon	534	23306	48011	42203	25500	01106	82620		
Shawbury	414	03211	19040	43302	00900	01004			
Manchester	334	03602	F9414	43250	00900	51106			
Squires Gate	318	70000	08424	43551	756//	51207	87630		
Valley	302	00000	F9484	44252	00900	52103			
Ronaldsway	204	03606	59010	43901	00900	50105			
Carlisle	222	20000	48051	44301	15630	01110	81640		
Watnall	354	00108	40041	42503	00900	01306			
Spurn Head	396	23210	48030	40801	25500	51205	82620		
Finningley	360	03415	48041	42403	00900	01205			
Dishforth	261	63607	56056	43204	656//	01208	86630		
Tynemouth	262	73215	61022	43205	755//	01112	87626		
Eskdalemuir	162								
Mull of Galloway	131	20210	74021	45004	25600	02203	82630		
Prestwick	135	00000	44110	44151	00900	51006			
Renfrew	141	10000	14104	44801	15600	01206	81645		
Leuchars	171	62705	74021	43404	656//	02003	86640		
Dyce	091	70000	80031	43702	756//	01211	87630		
Wick	075	72709	66026	41804	6563/	03209	86630	87358	
Cape Wrath	049	82705	83022	42707	865//	03208	88725		
Sule Skerry	010	83205	66028	41607	864//	06210	88715		
Lerwick	005	82806	59508	39506	855//	05212	88625		
Stornoway	026	82506	70022	44005	856//	03204	88635		
Benbecula	022	82206	69022	44604	856//	04204	88645		
Tiree	100	83001	62022	44705	856//	04103	88635		
Aldergrove	917	40601	48101	45001	45600	01002	84640		
Malin Head	980	82304	74025	45005	856//	05000	88635		
Belmullet	976	80703	74022	44704	856//	01708	88637		
Birr	965	00000	32102	44800	00900	51606			
Collinstown	969	03304	58101	44602	00900	50602			
Rineanna	962	30000	32102	44551	35600	51506	83630		
Roches Point	952	00105	66020	43602	00900	51503			
Valentia	953	00910	75020	43105	00900	51808			

OBSERVATIONS at 06h. 27 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	70106	57022	41803	756//	01106	87638		
London Airport	772	70107	48606	42203	756//	01206	87635		
Gatwick	776	80306	59032	41902	856//	50110	88643		
Thorney Island	871	70108	56051	42103	756//	01306	87638		
Hurn	862	83405	23051	42201	856//	00207	83707	88630	
Guernsey	894	80614	40051	41204	855//	00205	88629		
Wattisham	590	70110	59016	41601	755//	00309	84704	87625	
Gorleston	497	73611	60016	41503	755//	01215	87625		
Mildenhall	578	50104	56216	41901	55500	01307	82620	84628	
Cardington	559	80406	40216	43102	872//	01208	86705	88713	
West Raynham	485	80309	48605	42501	854//	01313	86709	88618	
Wittering	462	73609	48041	43102	755//	01310	87629		
Boscombe Down	746	60205	40216	42902	655//	01308	83710	86625	
Ross-on-Wye	627	82302	24021	44051	863//	52400	88708		
Bristol	628	80306	23054	42053	854//	54805	86706	88618	
Aberporth	502	10000	48030	44200	00901	51006	81075		
Rhoose (Cardiff)	715	60806	58051	43401	655//	00105	86626		
Plymouth	827	50604	59031	42603	55500	01303	85629		
Chivenor	707	01102	40024	43455	00900	56104			
St. Mawgan	817	00506	58020	43000	00900	51303			
Culdrose	809	00509	62020	42300	00900	51102			
Scilly	804	31210	61030	42105	35500	04206	83620		
Elmdon	534	73604	56021	43302	755//	01205	87622		
Shawbury	414	80000	03484	44953	855//	54307	88623		
Manchester	334	60000	11044	44101	655//	53305	86620		
Squires Gate	318	50506	56044	44402	55600	01205	85635		
Valley	302	00405	14404	44851	00900	51205			
Ronaldsway	204	00306	62020	44651	00900	52205			
Carlisle	222	80000	11101	45301	855//	00205	83625	88635	
Watnall	354	80404	37041	44103	863//	01207	88708		
Spurn Head	396	73304	32021	43101	764//	01211	87710		
Finningley	360	83208	40041	43301	863//	00202	88709		
Dishforth	261	80000	48051	44202	854//	01308	88618		
Tynemouth	262	73411	66022	44205	756//	01204	87635		
Eskdalemuir	162	80601	58021	46402	855//	01104	88625		
Mull of Galloway	131	03605	80020	45201	00900	00329			
Prestwick	135	00000	58020	44752	00900	53403			
Renfrew	141	00000	11284	45753	00900	53206			
Leuchars	171	73005	74012	44603	756//	01204	87640		
Dyce	091	83001	80022	44903	856//	01205	88630		
Wick	075	82706	66026	43403	856//	03305	88630		
Cape Wrath	049	82705	82022	43507	855//	03203	88625		
Sule Skerry	010	82502	66022	42508	864//	07204	88715		
Lerwick	005	82908	74025	41606	855//	03211	88625		
Stornoway	026	82505	69022	44504	856//	04203	88630		
Benbecula	022	81607	69022	44206	856//	03604	88637		
Tiree	100	30000	62031	44503	35600	03301	83633		
Aldergrove	917	00000	03424	45054	00900	54201			
Malin Head	980	82103	69022	44504	856//	04701	88635		
Belmullet	976	80908	74022	43704	854//	02707	81719	88635	
Birr	965	00000	01444	45154	00900	54206	52524		
Collinstown	969	72601	32101	44403	762//	02305	87705		
Rineanna	962	80805	24104	44152	864//	52400	88715		
Roches Point	952	70712	66031	43104	764//	03301	85717	87630	
Valentia	953	01011	69020	41705	00900	00606			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97036	51	ir_o	+
London Airport	772	91026	51	+	ir_o
Gatwick	776	97027	50	id_o	id_o
Thorney Island	871	00506	54	+	+
Hurn	862	00526	55	+	+
Guernsey	894	00031	01	+	+
Wattisham	590	97015	51	d_or_o	ir_o
Gorleston	497	97025	01	+	ir_o
Mildenhall	578	91006	55	r_or_o	$r_or_oir_oid_o$
Cardington	559	97016	50	id_o	id_oir_o
West Raynham	485	97016	51	id_o	$d_od_oir_o$
Wittering	462	00016	51	+	+
Boscombe Down	746	97517	56	+	ir_o
Ross-on-Wye	627	00567	61	+	+
Bristol	628	00547	56	ifff	+
Aberporth	502	00525	56	+	+
Rhoose (Cardiff)	715	00526	55	+	+
Plymouth	827	00005	56	+	+
Chivenor	707	97553	58	FF	+
St. Mawgan	817	00526	54	+	+
Culdrose	809	00503	53	+	+
Scilly	804	00041	//	+	+
Elmdon	534	97017	51	+	id_o
Shawbury	414	00547	54	FF	FFff
Manchester	334	00516	52	ffFF	ff
Squires Gate	318	00535	56	FFff	ff
Valley	302	00543	57	FF	+
Ronaldsway	204	00525	55	+	+
Carlisle	222	00511	53	+	+
Watnall	354	97027	52	+	id_o
Spurn Head	396	00005	//	+	+
Finningley	360	97017	53	+	id_o
Dishforth	261	00025	50	+	+
Tynemouth	262	00041	01	+	+
Eskdalemuir	162	00016	52	+	+
Mull of Galloway	131	00001	//	/	/
Prestwick	135	00553	59	+	+
Renfrew	141	00543	57	ff	FF
Leuchars	171	00025	01	+	+
Dyce	091	00015	51	+	+
Wick	075	97031	02	ir_o	ir_o
Cape Wrath	049	00071	01	+	+
Sule Skerry	010	00071	07	/	/
Lerwick	005	97061	04	id_o	id_o
Stornoway	026	00041	02	+	+
Benbecula	022	00051	03	+	+
Tiree	100	00021	55	+	+
Aldergrove	917	00556	57	+	FF
Malin Head	980	97021	51	/	/
Belmullet	976	00021	50	/	/
Birr	965	97555	57	/	/
Collinstown	969	97013	54	/	/
Rineanna	962	97563	56	/	/
Roches Point	952	97021	52	/	/
Valentia	953	97023	51	/	/

CONVE TAB °C to

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

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	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	10621	33000	81734	60605	07707	6742/	00620	/////	/////	00306	11769	1////
B	10565	51000	82516	63858	16160	824//	00312	88810	/////	07563	12545	1////
C	10528	35500	83220	61612	13506	875//	00310	88725	/////	05404	12726	1////
D	10440	41000	63635	69022	17410	65500	00225	88620	/////	05604	13549	1////
I	10590	19300	21824	98021	33909	25600	00619	82635	/////	00005	11846	12246
J	10523	20000	41428	97011	31710	45600	00523	84630	/////	05304	11447	11159
K	10449	16000	81238	60606	24812	5842/	21705	83810	85616	05210	11048	11554
M	13659	02000	32834	60026	23106	38400	61311	81810	/////	00002	12848	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10621	32906	82126	60616	06504	874//	00314	/////	/////	05303	12158	1////
B	10565	51006	62521	56858	18560	62400	00312	86810	/////	07563	12540	1////
C	10528	35506	83221	59616	15005	8042/	00209	88515	/////	05502	13246	1////
D	10440	41006	83429	63612	21608	855//	00225	88620	/////	05802	13548	1////
I	10592	19306	81928	98256	31708	885//	00711	84820	88630	05105	11948	1////
J	10523	20106	81528	98021	28010	856//	00815	88630	/////	05106	11547	11159
K	10450	15806	81228	60026	24612	854//	21203	88616	/////	05111	11148	11554
M	13660	01906	42422	65021	26206	45500	61109	84625	/////	00004	12546	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36957 — Date of Issue Monday 28 January 1963

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

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	80210	32052	43604	884//	50004	86815	88628	
102	London Airport	772	80108	56026	44003	855//	00202	85625	88656	
100	Gatwick	776	70307	59025	43203	754//	51204	83615	87635	
99	Thorney Island	871	70509	59022	43603	756//	01101	87635		
97	Hurn	862	80206	48032	43403	856//	01003	82718	88630	
95	Guernsey	894	70715	78022	41304	785//	52805	82820	87630	
93	Wattisham	590	70208	60036	43703	756//	50109	87632		
91	Gorleston	497	70108	60031	43603	755//	01212	87625		
90	Mildenhall	578	50303	58021	43803	55600	01002	84630		
88	Cardington	559	70107	50025	44503	756//	00002	87630		
86	West Raynham	485	10207	66016	44104	15500	01009	81625		
84	Wittering	462	40208	50041	44803	45501	01000	84625		
82	Boscombe Down	746	70409	62026	44303	755//	01206	82708	87627	
81	Ross-on-Wye	627	70000	48022	44704	785//	02101	82825	85630	
79	Bristol	628	80311	23052	44702	855//	01009	88625		
77	Aberporth	502	70703	58021	45402	756//	00002	87635		
75	Rhoose (Cardiff)	715	70608	28052	44703	755//	01003	87625		
73	Plymouth	827	40612	56051	43405	48500	00000	81820	84640	
72	Chivenor	707	70906	57031	44105	756//	02301	87638		
70	St. Mawgan	817	30406	59010	43704	28501	01000	81822		
68	Culdrose	809	30613	62051	42805	22610	01101	82830		
66	Scilly	804	70911	59021	42506	784//	01400	81818	87622	
64	Elmdon	534	80102	11044	45202	872//	01002	88704		
63	Shawbury	414	80000	11404	46101	855//	01001	83704	88620	
61	Manchester	334	80000	04044	46203	863//	02004	88707		
59	Squires Gate	318	70903	12284	46203	756//	02002	87632		
57	Valley	302	61103	61021	45706	15502	03804	81628	86075	
55	Ronaldsway	204	70904	66021	46507	35532	03105	81622	83645	86075
54	Carlisle	222	80000	23052	47502	856//	01205	84630	88635	
52	Watnall	354	80000	08445	45603	862//	02002	88704		
50	Spurn Head	396	83305	08444	44802	854//	02400	88615		
48	Finningley	360	83209	08505	45803	864//	02004	88710		
46	Dishforth	261	83507	40602	46104	854//	02104	88618		
45	Tynemouth	262	73406	16052	46306	756//	02801	87630		
43	Eskdalemuir	162	80000	74032	48003	855//	01105	88625		
41	Mull of Galloway	131	61004	81031	46705	00908	03214	86270		
39	Prestwick	135	70000	64042	46305	00902	02003	87070		
37	Renfrew	141	70000	03424	47351	00902	51201	87075		
36	Leuchars	171	83022	58042	46504	856//	02204	88640		
34	Dyce	091	80000	48042	46603	856//	01005	88630		
32	Wick	075	82504	80032	44605	6567/	04602	86640	88359	
30	Cape Wrath	049	82702	81022	44606	855//	03202	88625		
28	Sule Skerry	010	82505	74022	43907	855//	07203	88620		
27	Lerwick	005	82704	74022	43206	854//	04001	81615	88625	
25	Stornoway	026	82403	80022	45406	856//	04102	88637		
23	Benbecula	022	81707	80022	45206	856//	03002	81707	88640	
21	Tiree	100	71408	80031	45606	756//	05004	87630		
19	Aldergrove	917	90000	F9434	46951	9/0//	51106	89/02		
18	Malin Head	980	61813	80022	45407	00902	03201	86070		
16	Belmullet	976	51106	75011	43804	26432	03702	82716	83360	85070
14	Birr	965	60303	58104	45802	15602	02001	81636	86073	
12	Collinstown	969	70804	32284	45904	00902	03004	87075		
10	Rineanna	962	31211	32101	44403	00902	02302	83070		
9	Roches Point	952	71209	61031	44008	684/1	04103	85818	86634	
7	Valentia	953	41111	78011	42408	32501	02002	83826	84070	

OBSERVATIONS at 18h. 27 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	80104	40052	44503	855//	50211	84715	88625	
772	80106	35042	44703	855//	00212	81620	88623	
776	10102	50051	44401	15500	52210	81625		
871	00203	56051	44400	00900	52113			
862	73605	64032	44002	755//	51307	87624		
894	40615	76011	42603	45500	54207	81628		
590	80105	56022	44401	855//	01208	88624		
497	83506	58052	44503	855//	02207	88626		
578	83602	59021	44703	855//	01209	88628		
559	80202	32031	45502	855//	01212	86621	88632	
485	73403	03424	45102	755//	01208	87627		
462	73508	07461	45202	756//	01206	87630		
746	70708	64022	44802	754//	51206	87618		
627	80902	17102	45803	863//	01314	88706		
628	80508	28052	45203	855//	51307	88630		
502	70700	58032	46003	756//	01210	87630		
715	80711	28052	45103	855//	50208	88620		
827	80706	56021	44103	855//	51008	88627		
707	70906	58022	44604	756//	50108	87630		
817	70905	59021	44302	754//	50206	87618		
809	80915	62031	43203	855//	51207	88623		
804	80915	61032	42905	855//	00305	88622		
534	90105	04454	45602	9/0//	02210	89/02		
414	80000	07425	46502	854//	02313	86705	88615	
334	80000	06044	46703	855//	02312	85705	88620	
318	80406	06044	46403	855//	01211	82620	88630	
302	80903	48042	46503	856//	02210	84720	88645	
204	80000	56042	46803	856//	02106	88635		
222	80000	48052	47303	856//	02108	88630		
354	80000	05424	46302	861//	02212	88708		
396	63406	32104	45102	65500	01210	86625		
360	73607	08465	46203	754//	02310	87616		
261	83407	17056	46802	855//	01313	82620	88626	
262	83410	19505	46904	864//	02305	88710		
162	80000	70032	48402	855//	01102	88620		
131	80502	70032	47704	864//	02212	88715		
135	70000	28042	46603	756//	02202	86637	87645	
141	90000	02434	47101	9/0//	01102	89/03		
171	82507	56042	46303	856//	01501	88634		
091	82305	66022	46603	856//	01203	88630		
075	72605	86022	44604	756//	02201	86630	87650	
049	82002	83022	44406	855//	03203	88625		
010	82509	66022	43907	855//	05400	88620		
005	83103	59502	43706	855//	05207	83705	88622	
026	82007	74022	45105	856//	04102	88635		
022	61708	80012	44703	35632	02302	83640	84359	85072
100	61613	62032	45106	25502	05500	81710	86075	
917	71408	23284	46601	756//	50104	87640		
980	32404	69021	45502	00902	01311	83070		
976	41403	78011	44303	16432	01211	81718	84070	
965	80000	66032	46103	856//	02210	88636		
969	80000	27102	46404	864//	04307	81715	88640	
962	71009	56102	44903	755//	02106	83625	87640	
952	71215	74022	44506	756//	00307	87635	87640	
953	61213	75012	42806	58508	00309	83826	85635	86270

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	00046	001	+	+
772	97045	000	+	ir_o
776	00036	009	+	+
871	00045	017	+	+
862	00046	111	+	+
894	00041	003	+	+
590	97045	111	+	id_o
497	00055	012	+	+
578	00055	045	+	if
559	00036	006	+	if
485	97046	055	+	FFd_od_o
462	97046	023	+	if_id_o
746	00037	002	+	+
627	00047	003	+	f
628	00047	000	+	+
502	00045	000	+	+
715	00045	000	+	+
827	00055	032	+	+
707	00061	018	+	+
817	00055	034	+	+
809	00061	033	+	+
804	00071	004	+	+
534	00036	000	ff	FF
414	97027	000	ff	$ff_1d_3d_od_o$
334	00046	000	ff	ff
318	00055	000	ffff	ff_1f
302	00093	052	+	+
204	00075	030	+	+
222	97051	004	+	pr_o
354	92036	000	d_od_off	$d_od_of_of_o$
396	97035	001	ff	ff
360	94056	009	dfff	ff_id_o
261	91045	000	ir_o	id_o
262	97061	001	id_o	id_o
162	00037	000	+	+
131	00061	///	/	/
135	00071	041	+	+
141	00023	000	FFff	FFff
171	00051	000	+	+
091	00055	000	+	+
075	00071	000	+	+
049	00071	///	+	+
010	00071	///	/	/
005	92071	000	+	$ir_o id_o$
026	00071	000	+	+
022	00071	00	+	+
100	00071	001	+	+
917	00026	000	FF	FF1f1F
980	9707/	048	/	/
976	9706/	068	/	/
965	9707/	052	/	/
969	9707/	042	/	/
962	9706/	041	/	/
952	0008/	024	/	/
953	9710/	035	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	32912	62722	75028	13703	12578	00240	/////	/////	05753	12747	1////
B	10565	51012	72514	63858	21559	72500	00220	87820	/////	07370	12645	1////
C	10528	35512	83424	61616	18602	47421	00137	84810	88520	06001	13446	1////
D	10440	41012	73430	69026	25607	755//	00222	88620	/////	05900	13548	1////
I	10593	19412	71828	97022	31309	65779	00500	86656	87358	00005	11848	1////
J	10524	20112	71430	97012	29111	766//	00310	87630	/////	00106	16454	1////
K	10450	16212	81233	60022	21912	58471	21705	83816	85643	05110	11157	11544
M	13658	01812	32624	60031	28306	11401	00113	81815	/////	00204	12635	13144

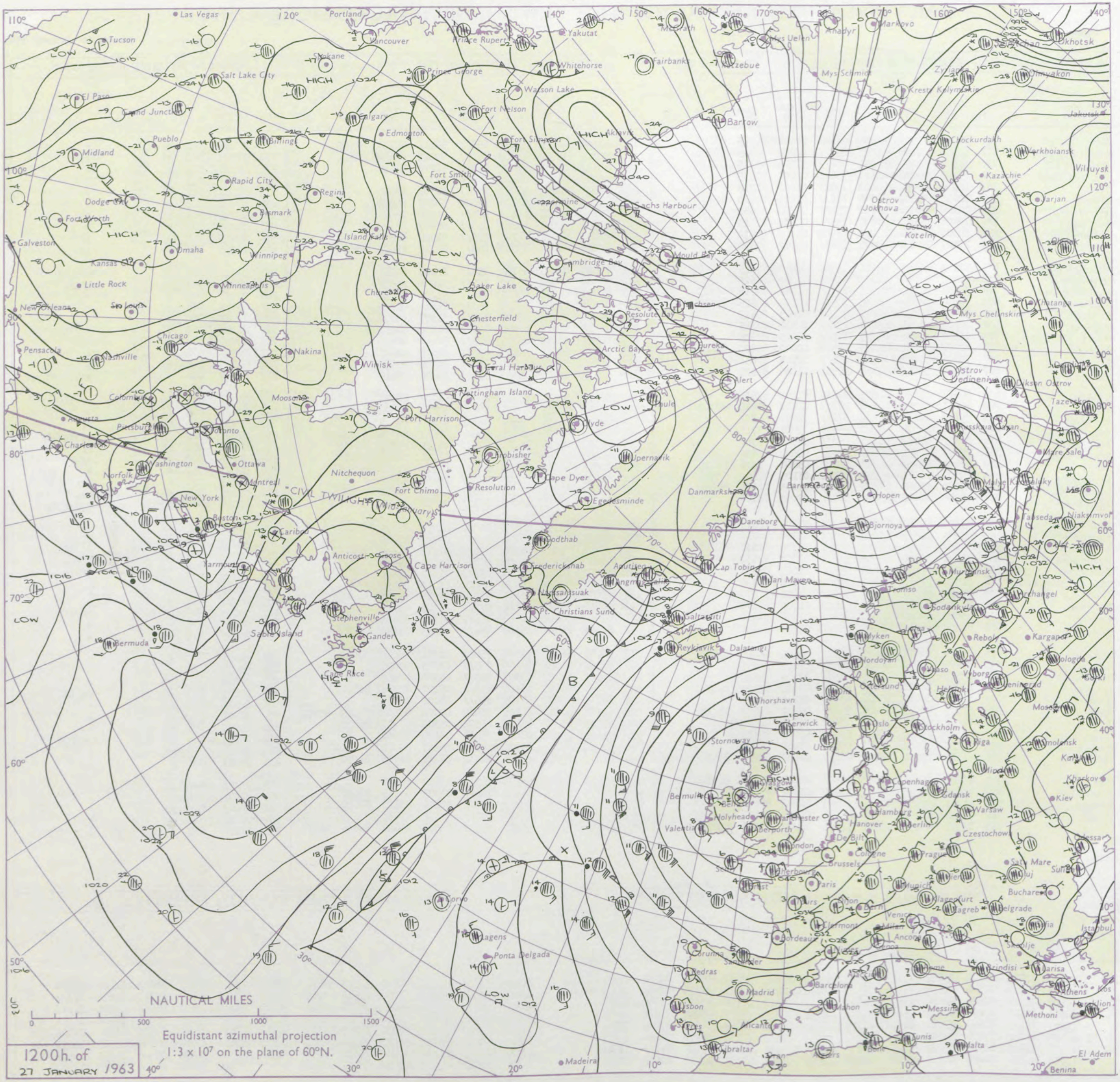
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33018	82516	80022	17501	3257/	00215	/////	/////	05956	12533	11956
B	10565	51018	72715	63858	25659	72400	00317	87810	/////	07363	12635	1////
C	10528	35518	63224	69028	23003	65530	00325	86630	/////	05653	13146	1////
D	10440	41018	83428	65888	25907	8241/	00308	88815	/////	05801	13548	1////
I	10592	19418	81927	98032	28909	2247/	41716	82818	83640	00106	11948	12346
J	10525	20018	71528	98012	28111	6563/	00115	85630	87362	00105	11549	16151
K	10450	16118	71132	65032	25712	5853/	21211	82820	84646	05208	11557	11543
M	13659	02018	82520	65031	30207	884//	00000	83810	88620	00006	12645	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Las Vegas
Portland
Vancouver
Tucson
Salt Lake City
Spokane
Prince Rupert
Yakutat
Whitehorse
Fairbanks
Nome
Anadyr
Markovo
Okhotsk
Prince George
Watson Lake
Fort Nelson
Barrow
Mys Schmidta
Oimyakon
El Paso
Pueblo
Billings
Calgary
Edmonton
Fort Smith
Midland
Rapid City
Regina
Bismark
Dodge City
Fort Worth
Galveston
Omaha
Winnipeg
Island Lake
Kansas City
Little Rock
Minneapolis
St. Louis
New Orleans
Pensacola
Chicago
Nashville
Detroit
Nakina
Winisk
Moosonee
Fort Harrison
Nottingham Island
Resolution
Cape Dyer
Egedesminde
Upernavik
Hall Beach
Fort Chimo
Nitchequon
Sept-Iles
Ottawa
Montreal
Toronto
Washington
Norfolk
New York
Boston
Caribou
Anticosti
Goose
Cape Harrison
Godthab
Frederickshab
Angmagssalik
Ivigtut
Pt. Christians Sund
Stephenville
Gander
Sable Island
Bermuda
Cape Race
Lagens
Ponta Delgada
Madeira
Cambridge Bay
Baker Lake
Chesterfield
Resolute Bay
Eureka
Arctic Bay
Alert
Sachs Harbour
Mould Bay
Aklavik
Fort Simpson
Kotelny
Ostrov Jokhova
Ostrov Vrangelya
Kresty
Kolymskoje
Zyrjanka
Verkhoiansk
Kazachie
Yakutsk
Vilyuysk
Tiksi
Ostrov Dikson
Mys Chelyuskin
Ostrov Sredenyaya
Dikson Ostrov
Tazovskoje
Khatanga
Nordvik
Bjornoya
Hopen
Barentsburg
Danmarkshavn
Daneborg
Cap Tobin
Jan Mayen
Tromso
Murmansk
Archangel
Petsamo
Vardo
Vorkuta
Mare Sale
Malye Karmakuly
Dikson
Tobolsk
Tarko Sale
Yeniseisk
Turukhansk
Igarka
Krasnoyarsk
Tura
Bodo
Reykjavik
Dalatangi
Stornoway
Valentia
Holyhead
Belmullet
Shannon
Aberporth
Manchester
London
Thorshavn
Lerwick
Oslo
Stockholm
Helsinki
Leningrad
Petrozavodsk
Vologda
Kargopol
Reboly
Vyborg
Mosjoen
Narvik
Kiruna
Gallivare
Lulea
Haparanda
Kemi
Oulu
Kajaani
Kuopio
Joensuu
Jyvaskyla
Tampere
Turku
Mariehamn
Riga
Tallinn
Kaunas
Gdansk
Warsaw
Kiev
Kharkov
Kishinev
Odessa
Sevastopol
Simferopol
Rostov
Volgograd
Saratov
Kuibyshev
Orenburg
Ufa
Perm
Sverdlovsk
Tyumen
Omsk
Novosibirsk
Barnaul
Semipalatinsk
Karaganda
Tselinograd
Petropavlovsk
Kustanai
Aktyubinsk
Guryev
Astrakhan
Makhachkala
Grozny
Krasnodar
Novorossiysk
Sochi
Batumi
Tbilisi
Yerevan
Baku
Krasnovodsk
Ashkhabad
Tashkent
Frunze
Alma Ata
Dzhambul
Chimkent
Fergana
Dushanbe
Termez
Kabul
Kandahar
Quetta
Jacobabad
Jodhpur
Ahmedabad
Bombay
Jaipur
Delhi
Amritsar
Lahore
Multan
Jiwani
Karachi
Hyderabad
Jodhpur
Bikaner
Jaisalmer
Jammu
Srinagar
Leh
Gilgit
Peshawar
Jalalabad
Kabul
Kandahar
Quetta
Zahedan
Bandar Abbas
Lar
Shiraz
Esfahan
Kerman
Yazd
Tehran
Mashhad
Tabriz
Rasht
Ankara
Erzurum
Trabzon
Samsun
Sivas
Adana
Konya
Izmir
Istanbul
Athens
Rhodes
Iraklion
Kos
Methoni
Messina
Malta
Tunis
Algiers
Oran
Gibraltar
Alicante
Madrid
Lisbon
Barcelona
Palma
Bilbao
Corunna
Santander
Bordeaux
Clermont
Paris
Brussels
Cherbourg
Amsterdam
Hamburg
Hanover
Berlin
Copenhagen
Munich
Prague
Czestochowa
Vienna
Klagenfurt
Zagreb
Belgrade
Sarajevo
Split
Sarajevo
Bucharest
Sofia
Skopje
Salonika
Brindisi
Ancona
Venice
Milan
Turin
Nice
Marseilles
Toulouse
Biarritz
Lyon
Geneva
Zurich
Innsbruck
Salzburg
Linz
Graz
Ljubljana
Rijeka
Split
Dubrovnik
Durazzo
Valona
Corfu
Benina
El Adem
Tripoli
Sfax
Gabes
Tobruk
Derna
Benghazi
Sollum
Mersa Matruh
Alexandria
Cairo
Port Said
Suez
Asyut
Aswan
Wadi Halfa
Khartoum
Port Sudan
Asmara
Massawa
Addis Ababa
Dire Dawa
Jijiga
Hargeisa
Berbera
Mogadishu
Kismayu
Mombasa
Nairobi
Kisumu
Entebbe
Kampala
Juba
Malakal
Fashoda
Wau
Bangui
Fort Lamy
Abeche
Faya Largeau
Kufra
Sebha
Ghadames
Nalut
Misurata
Tripoli
Gabes
Sfax
Tunis
Bizerte
Algiers
Oran
Tlemcen
Colomb Bechar
Adrar
In Salah
Ghardaia
Laghouat
Biskra
Touggourt
El Oued
Tebessa
Constantine
Bone
Annaba
Setif
Bejaia
Algiers
Tiaret
Saida
Oran
Tlemcen
Colomb Bechar
Beni Abbes
Timimoun
Reggane
In Salah
Tamanrasset
Agadez
Zinder
Nguigmi
Fort Lamy
Bangui
Fort Archambault
Fort Crampel
Fort Rousset
Bambari
Bria
Birao
Kabo
Fort Sibut
Bossangoa
Berberati
Carnot
Bouar
Bossembele
Bangassou
Obo
Zemio
Yambio
Rumbek
Juba
Malakal
Fashoda
Wau
Kaga Bandoro
Moundou

CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

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

THER
Weather

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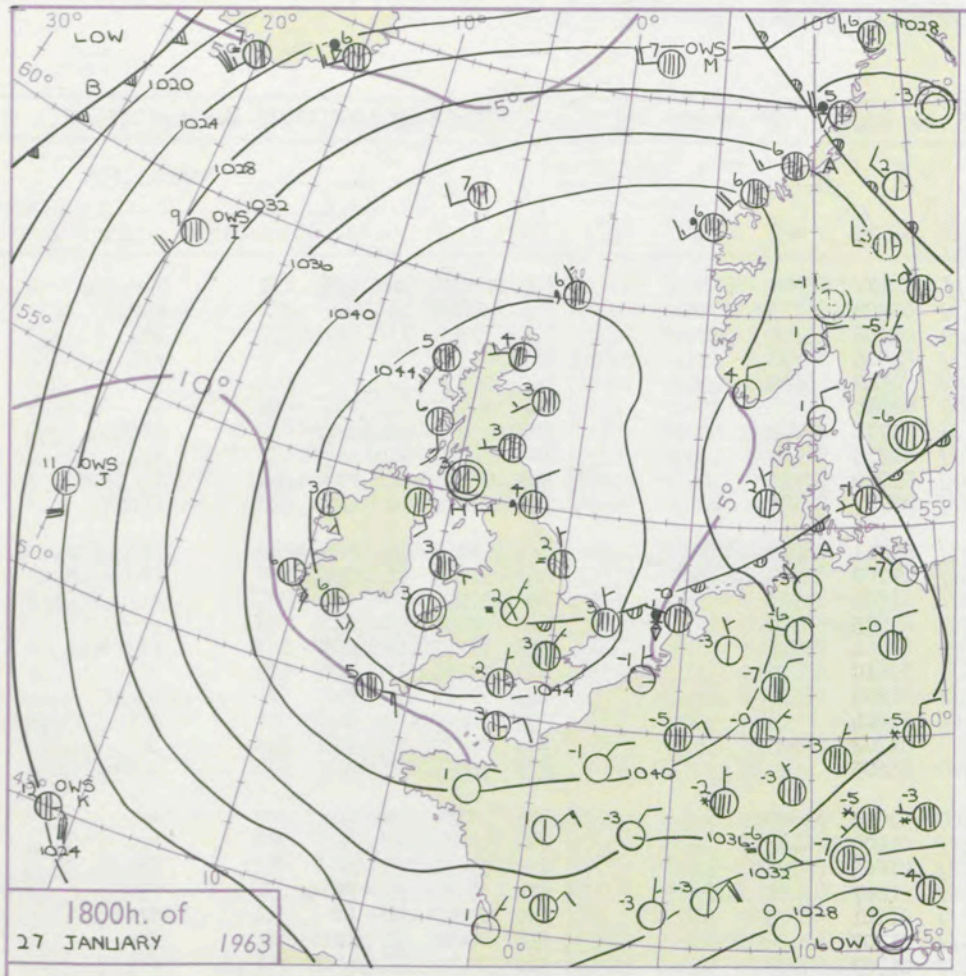
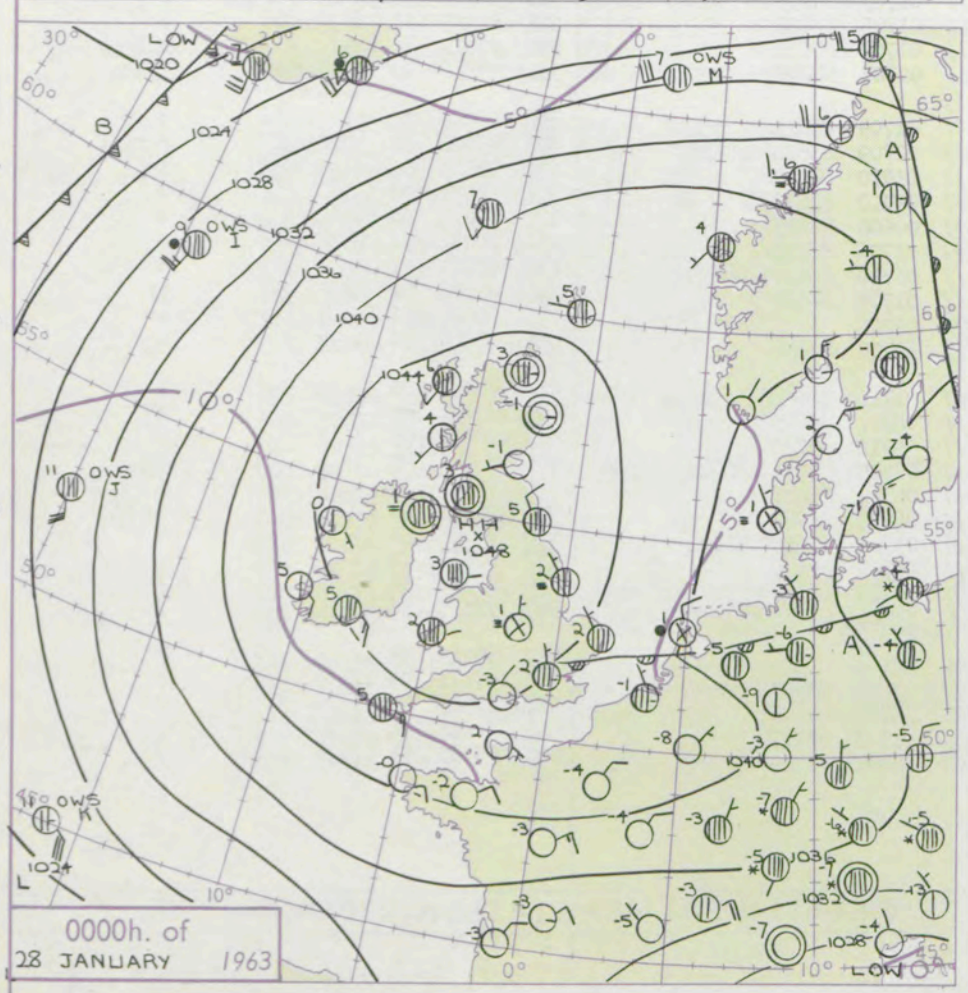
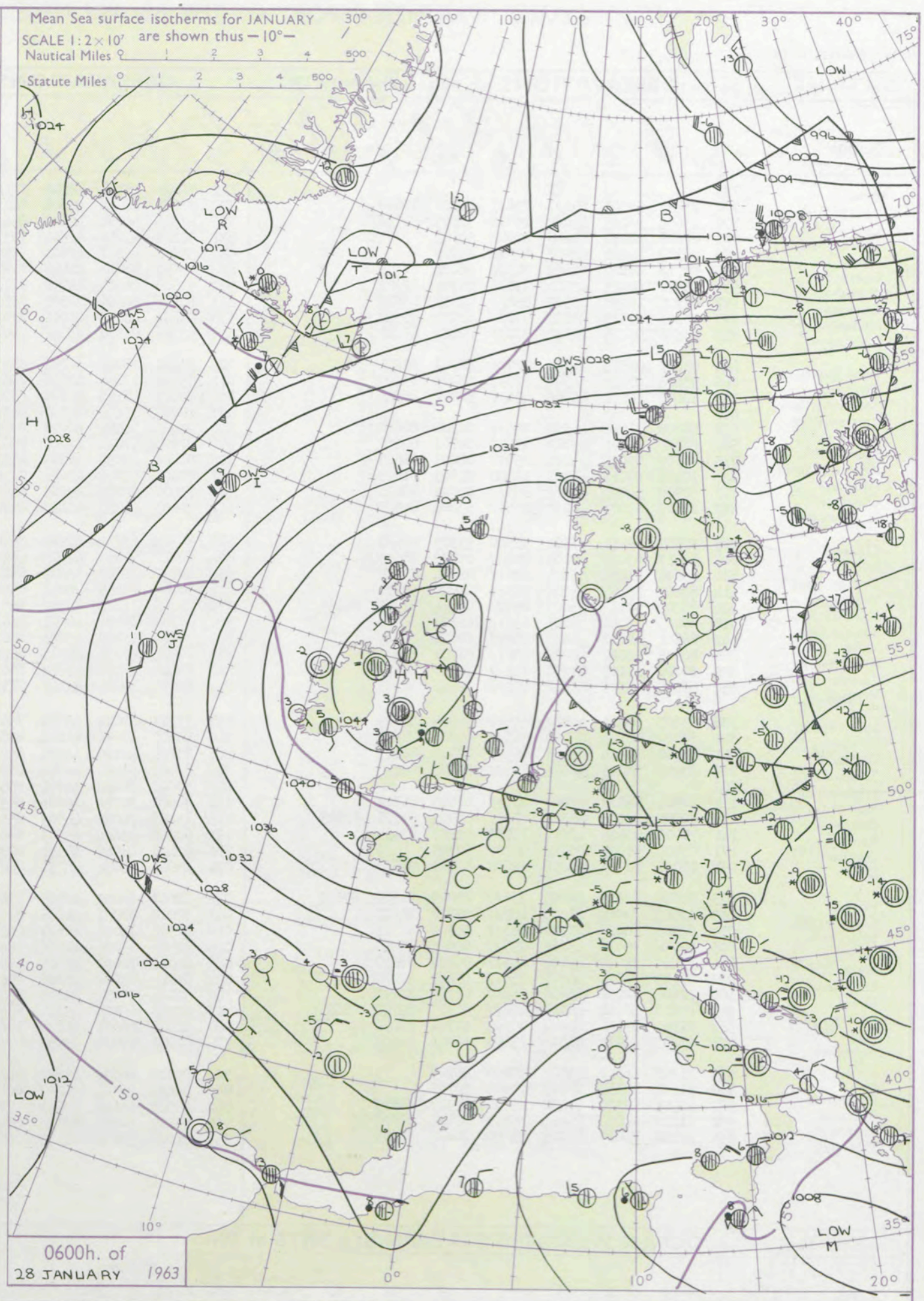
and snow
w
shower
and snow
ower
w shower
shower
nderstorm

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







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 28 January 1963

The anticyclone is still centred over south Scotland with a good ridge eastwards across the North Sea to the Baltic. The high is likely to recede a little south later. Weak troughs in the southern North Sea are approaching southeast districts. Another anticyclone in the west Atlantic is moving northeast behind a relaxing upper trough while a cut off depression is expected to stay near the Azores.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Much of the southeastern half of England will be cloudy with occasional light rain or drizzle at times and a little sleet or show on the hills. It will become brighter tomorrow. Other places will be mainly cloudy with a little sunshine in places. The slow thaw will continue by day everywhere but a few areas will have night frost.

OUTLOOK for following 24 hours.

Mostly dry with daytime thaw continuing but frost in places at night.

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

Code FM 11.A

OBSERVATIONS at 00h. 28 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			C3					
London Airport	772	73403	28046	44402	756//	01804	87630		
Gatwick	776	13604	56245	44001	15600	52805	81630		
Thorney Island	871	00208	59050	44200	00900	52802			
Hurn	862	00102	69020	43953	00900	54707			
Guernsey	894	00712	80020	42802	00900	53001			
Wattisham	590	93410	02475	43501	9/0//	01709	89/C2		
Gorleston	497	83205	16258	43302	854//	02710	88618		
Mildenhall	578	93603	02515	43801	9/0//	01709	89/02		
Cardington	559	93506	05474	44902	9/0//	02604	89/01		
West Raynham	485	93407	02515	44301	9/0//	01707	89/01		
Wittering	462	93606	03455	44902	9/0//	02705	89/00		
Boscombe Down	746	80607	61022	44602	854//	50001	88616		
Ross-on-Wye	627								
Bristol	628	80000	18052	45302	855//	01400	88622		
Aberporth	502	80701	58031	45702	856//	01702	88630		
Rhoose (Cardiff)	715	81105	23052	45201	855//	01001	88625		
Plymouth	827	10408	59012	44101	15500	51803	81623		
Chivenor	707	80908	62022	44803	855//	00802	88621		
St. Mawgan	817	20807	61021	44151	25500	53804	82625		
Culdrose	809	30812	66011	43502	35500	53305	83625		
Scilly	804	80913	63022	43105	854//	00202	88619		
Elmdon	534	93604	01434	45401	9/0//	01804	89/00		
Shawbury	414	80602	05465	46201	855//	01001	88626		
Manchester	334	80202	07044	46003	855//	01604	81705	88625	
Squires Gate	318	80405	17044	46203	855//	02602	88625		
Valley	302	80801	48042	46603	856//	02601	88645		
Ronaldsway	204	80605	56042	46202	856//	01707	88630		
Carlisle	222	80000	11105	47202	855//	01000	88628		
Watnall	354	80105	05505	45802	872//	02603	88703		
Spurn Head	396	63205	08444	44802	65500	02704	86625		
Finningley	360	83407	06505	45702	855//	01705	88622		
Dishforth	261	63308	17205	46103	655//	02703	86627		
Tynemouth	262	83209	58025	46405	855//	51803	88620		
Eskdalemuir	162								
Mull of Galloway	131	80904	74022	48205	865//	03205	88720		
Prestwick	135	80000	62022	46303	855//	01802	83622	88625	
Renfrew	141	70000	03424	47001	756//	00803	87640		
Leuchars	171	02505	58041	45951	00900	52705			
Dyce	091	10000	66021	46251	15600	52808	81630		
Wick	075	70000	82012	44003	756//	01809	84630	87650	
Cape Wrath	049	42005	83012	44105	455//	04718	84625		
Sule Skerry	010	82305	66022	43707	864//	06703	88715		
Lerwick	005	72706	69036	43405	757//	04805	87650		
Stornoway	026	82010	74022	45006	856//	04804	88630		
Benbecula	022	72113	74021	44606	755//	03602	87621		
Tiree	100	22106	62031	45604	26400	03105	82717		
Aldergrove	917	80000	28104	46401	855//	00707	82702	88626	
Malin Head	980	31905	69011	46000	00902	51701	83070		
Belmullet	976	21203	80011	44500	25600	52701	82635		
Birr	965	01202	66020	45501	00900	01705			
Collinstown	969	01101	07464	45602	C0900	50707			
Rineanna	962	20908	56102	44402	25500	51703	82625		
Roches Point	952	81113	74022	44105	855//	01804	88622		
Valentia	953	21110	75020	42705	25600	00400	82635		

OBSERVATIONS at 06h. 28 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80104	28216	42502	873//	01604	87706	88710	
London Airport	772	83607	26045	42601	862//	01708	86703	88705	
Gatwick	776	83505	40101	42502	855//	01706	85704	88622	
Thorney Island	871	70108	61051	42801	763//	51505	87706		
Hurn	862	53606	64011	42801	555//	50502	85622		
Guernsey	894	C0610	80020	41602	00900	52601			
Wattisham	590	93408	04134	41701	9/0//	01711	89/C2		
Gorleston	497	83508	60216	41303	855//	02715	88620		
Mildenhall	578	93604	03435	42201	9/0//	01710	89/01		
Cardington	559	83306	04596	43302	860//	01707	88701		
West Raynham	485	83610	58026	42202	855//	01711	84624	88638	
Wittering	462	83509	17286	43001	856//	01709	83702	88632	
Boscombe Down	746	80105	48104	43601	862//	01602	88703		
Ross-on-Wye	627	80000	13102	44101	863//	01605	88706		
Bristol	628	90406	04454	44001	9/0//	01604	89/01		
Aberporth	502	81003	57022	44303	856//	50610	88630		
Rhoose (Cardiff)	715	81006	23052	43802	855//	01806	88626		
Plymouth	827	00406	61020	43002	00900	51604			
Chivenor	707	70000	62022	43503	755//	01707	87623		
St. Mawgan	817	00603	61020	43453	00900	55605			
Culdrose	809	30713	62051	42202	35500	52610	83625		
Scilly	804	60812	59012	42005	654//	01400	86619		
Elmdon	534	80107	11586	43802	862//	01605	88703		
Shawbury	414	80000	05445	44601	855//	01607	85621	88632	
Manchester	334	80202	11284	44302	855//	01701	88625		
Squires Gate	318	80304	30101	44801	856//	01707	81630	88641	
Valley	302	80000	48042	45003	856//	01707	88635		
Ronaldsway	204	80404	66022	45303	855//	01705	88625		
Carlisle	222	80000	11205	45702	856//	01707	88630		
Watnall	354	83608	19285	44202	873//	02707	88706		
Spurn Head	396	73307	48024	43301	755//	01709	87625		
Finningley	360	83407	17286	44102	855//	02709	83624	88638	
Dishforth	261	83107	40106	44501	855//	01810	88628		
Tynemouth	262	82909	61022	44804	856//	00710	88630		
Eskdalemuir	162	80000	56022	46701	855//	00606	88625		
Mull of Galloway	131	80602	70022	46104	865//	03706	88720		
Prestwick	135	83203	74022	44903	855//	01710	83622	88628	
Renfrew	141	80000	03424	45501	856//	01705	88631		
Leuchars	171	02408	48040	44551	00900	52706			
Dyce	091	83601	56031	44751	856//	52709	88630		
Wick	075	72607	82022	42503	756//	01711	87645		
Cape Wrath	049	82002	81031	41805	865//	04717	88725		
Sule Skerry	010	82309	74022	41807	865//	05712	88720		
Lerwick	005	82505	69026	41505	855//	04705	83709	84622	88640
Stornoway	026	82006	74022	43005	856//	04709	88635		
Benbecula	022	81911	69022	43205	856//	04605	88647		
Tiree	100	82104	59051	44405	854//	03708	82618	88626	
Aldergrove	917	80000	40102	45301	855//	00708	88626		
Malin Head	980	81804	66021	44802	6563/	00705	86360		
Belmullet	976	C0000	80020	43652	C0900	53604			
Birr	965	00000	60020	44851	00900	52500			
Collinstown	969	80404	27104	44703	860//	02605	83701	88624	
Rineanna	962	00508	59100	43554	00900	56602			
Roches Point	952	81310	62022	43405	864//	01503	88717		
Valentia	953	01005	75010	41903	00900	00601			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97025	0C	d_or_o	$d_or_oir_o$
London Airport	772	91015	01	id_o	r_or_o
Gatwick	776	97546	56	id_o	ir_o
Thorney Island	871	00525	56	+	+
Hurn	862	00546	57	+	+
Guernsey	894	00013	51	+	+
Wattisham	590	93005	00	id_off	$ffir_o$
Gorleston	497	94025	52	pr_oif	ir_o
Mildenhall	578	91015	00	$ffd_od_oid_o$	id_offir_o
Cardington	559	01016	01	ff	ffdr
West Raynham	485	01015	50	FFd_od_o	$ffr_or_opr_o$
Wittering	462	92016	51	d_od_offFF	$ffd_or_opr_o$
Boscombe Down	746	97017	50	+	$ifid_oid_os_o$
Ross-on-Wye	627	00017	50	if	+
Bristol	628	97017	01	iFFF	$ffFFid_o$
Aberporth	502	00025	52	+	+
Rhoose (Cardiff)	715	97015	00	+	id_oif
Plymouth	827	00015	55	+	+
Chivenor	707	00510	56	+	+
St. Mawgan	817	00555	57	+	+
Culdrose	809	00510	54	+	+
Scilly	804	0003/	//	+	+
Elmdon	534	95016	51	FF	ffd_od_o
Shawbury	414	97007	50	$ffid_o$	ff
Manchester	334	97025	00	ff	$ffid_o$
Squires Gate	318	00005	53	fFif	if
Valley	302	00023	01	+	if
Ronaldsway	204	00025	00	+	+
Carlisle	222	97011	51	id_o	d_od_off
Watnall	354	97016	00	d_od_off	$ffid_o$
Spurn Head	396	97005	//	ff	+
Finningley	360	95026	01	$idffd_od_o$	r_or_off
Dishforth	261	91015	00	$id_od_od_off$	ir_o
Tynemouth	262	00031	02	+	+
Eskdalemuir	162	00016	50	+	+
Mull of Galloway	131	00031	//	/	/
Prestwick	135	00021	51	+	+
Renfrew	141	00503	52	ff	ff
Leuchars	171	00533	56	+	+
Dyce	091	00535	56	+	+
Wick	075	00021	00	+	+
Cape Wrath	049	00041	01	+	+
Sule Skerry	010	00050	05	/	/
Lerwick	005	95041	02	ir_o	ir_o
Stornoway	026	00041	03	+	+
Benbecula	022	00031	01	+	+
Tiree	100	00021	51	+	+
Aldergrove	917	00515	00	+	+
Malin Head	980	97511	54	•/	/
Belmullet	976	97533	56	/	/
Birr	965	97545	59	/	/
Collinstown	969	97011	53	/	/
Rineanna	962	97543	56	/	/
Roches Point	952	00051	04	/	/
Valentia	953	00033	51	/	/

CONVE TAB °C to

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

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20621	32800	22522	80012	20001	28500	00310	/////	/////	05954	12553	1////
B	20565	51000	82513	63958	30859	824//	00125	88825	/////	07266	12635	1////
C	20528	35600	53218	69022	27603	55500	00120	85630	/////	05854	13246	1////
D	20440	41000	83436	69028	28707	854//	00207	88615	/////	05700	13448	1////
I	20590	19500	81925	87616	28209	6742/	41707	86710	88530	00107	11948	1////
J	20525	20000	81528	97022	29011	856//	00319	88630	/////	00206	16553	1////
K	20450	16000	51130	65012	26311	55600	21203	85636	/////	05306	11058	11543
M	23659	02000	82529	65022	31107	884//	51304	86810	/////	00305	12646	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	32906	72721	80021	24301	785//	00223	/////	/////	06157	12746	1////
B	20565	51006	61608	65028	31958	62400	00502	86815	/////	07162	12632	1////
C	20528	35506	53220	69022	31602	55500	00220	85630	/////	06054	13246	1////
D	20440	41006	83623	69802	28109	65407	00105	86615	/////	05702	13647	1////
I	20588	19606	82028	97616	26409	863//	41710	88709	/////	00107	11948	1////
J	20526	19906	81618	98022	29411	856//	00104	88630	/////	00205	11646	16552
K	20450	15706	71135	65032	25411	755//	21701	87632	/////	05305	11058	11543
M	23660	02306	82626	65022	28306	855//	00707	88620	/////	05004	12646	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36958

Date of Issue Tuesday 29 January 1963

OBSERVATIONS at 12h. 28 January 1963

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	83608	28056	40704	855//	01710	86712	88625	
London Airport	772	83508	40016	41203	857//	01710	83709	88650	
Gatwick	776	63405	18266	40003	685//	02814	81710	84820	85625
Thorney Island	871	73611	37102	40803	755//	01814	87626		
Hurn	862	73609	40216	41303	762//	01710	81704	85706	85620
Guernsey	894	70309	70011	40704	754//	01709	82708	85616	87625
Wattisham	590	83411	58216	40002	855//	02712	82620	88630	
Gorleston	497	83513	60026	39504	855//	01706	88628		
Mildenhall	578	73503	32106	40403	784//	02710	82815	87630	
Cardington	559	73510	40805	41603	784//	02709	85815	87630	
West Raynham	485	73610	66258	40403	785//	02713	81705	85820	86640
Wittering	462	73408	32218	42003	784//	02710	84815	87635	
Boscombe Down	746	73608	28057	41602	755//	01713	83709	87620	
Ross-on-Wye	627	82801	17102	42203	863//	02814	88708		
Bristol	628	80108	09425	41902	862//	01814	88704		
Aberporth	502	80000	58022	43503	856//	00708	88630		
Rhoose (Cardiff)	715	80403	11286	42902	864//	02707	88710		
Plymouth	827	20805	66010	41905	20501	01711	81820		
Chivenor	707	80000	56021	42904	854//	01806	81615	88635	
St. Mawgan	817	30606	69020	42503	15501	52707	81620	83075	
Culdrose	809	50810	66031	41504	584//	01805	82815	84630	
Scilly	804	61208	79022	42107	65501	01400	86629		
Elmdon	534	73605	19606	42202	756//	01712	84708	87630	
Shawbury	414	83505	09424	43002	855//	01708	88625		
Manchester	334	80000	05044	42903	856//	01811	88630		
Squires Gate	318	80205	12284	43404	856//	01810	83635	88640	
Valley	302	80000	28044	43804	855//	02604	88623		
Ronaldsway	204	80000	62022	44103	855//	01805	88627		
Carlisle	222	82505	48015	44003	856//	02712	88645		
Watnall	354	83507	19052	42303	855//	01812	88622		
Spurn Head	396	83405	48022	41402	854//	01710	88615		
Finningley	360	83506	30042	42403	856//	01712	88635		
Dishforth	261	83102	57052	42803	855//	01811	81625	88630	
Tynemouth	262	73410	48052	43204	756//	00710	87630		
Eskdalemuir	162	80000	66022	44702	855//	01711	88628		
Mull of Galloway	131	81802	70022	46504	865//	03206	88720		
Prestwick	135	80000	44042	43803	855//	01809	87620	88628	
Renfrew	141	82904	11284	44103	856//	02711	88630		
Leuchars	171	82505	66031	43103	857//	01706	88650		
Dyce	091	80000	66022	43502	856//	00705	88630		
Wick	075	82805	82032	40904	856//	02714	82630	88640	
Cape Wrath	049	82005	81022	41006	865//	05707	88725		
Sule Skerry	010	82309	74022	40307	885//	06707	86820	88625	
Lerwick	005	82512	66036	39806	856//	05713	81707	88638	
Stornoway	026	82206	66502	41906	855//	03806	83624	88630	
Benbecula	022	72016	74022	41806	755//	02815	81625	87645	
Tiree	100	81907	74022	43105	884//	02711	81818	88625	
Aldergrove	917	80000	17102	44301	855//	01806	85625	88640	
Malin Head	980	61706	62022	43904	35631	01707	83640	85362	86070
Belmullet	976	21602	62101	43203	00902	01705	82070		
Birr	965	81502	62031	44102	856//	01807	88634		
Collinstown	969	80000	48102	43903	855//	02704	86621	88640	
Rineanna	962	81007	48102	43502	855//	01717	88623		
Roches Point	952	81310	62022	43105	864//	02803	88718		
Valentia	953	61206	69021	42106	15608	00705	81635	86270	

OBSERVATIONS at 18h. 28 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	83507	60056	38803	856//	01804	88640		
London Airport	772	83307	30216	39103	857//	01704	82712	88650	
Gatwick	776	83605	28056	38503	855//	01708	86712	88625	
Thorney Island	871	83510	40606	39503	874//	01502	88715		
Hurn	862	83406	32216	39602	855//	01601	85707	88620	
Guernsey	894	70312	63216	39404	754//	01602	81708	85612	87625
Wattisham	590	83412	58036	37802	856//	01709	86705	88630	
Gorleston	497	83514	60032	37603	855//	02602	88625		
Mildenhall	578	83403	28808	38502	884//	01708	84818	88629	
Cardington	559	83207	32058	39503	856//	50709	82710	88637	
West Raynham	485	83409	28608	38602	856//	01710	85702	88635	
Wittering	462	83410	21042	39702	854//	00709	83618	88640	
Boscombe Down	746	83605	19052	40402	855//	01705	83708	88625	
Ross-on-Wye	627	83602	24022	40902	863//	01803	88708		
Bristol	628	80306	12044	40702	855//	01805	82710	88625	
Aberporth	502	80000	40042	42303	855//	01502	88625		
Rhoose (Cardiff)	715	80203	40042	41103	855//	51703	84625	88630	
Plymouth	827	83608	17041	41003	855//	01603	88628		
Chivenor	707	80206	20052	41403	854//	01603	86615	88620	
St. Mawgan	817	80605	58021	41302	855//	00705	82715	88621	
Culdrose	809	80203	60052	40703	855//	50705	88620		
Scilly	804	50604	74012	40504	55500	00604	85628		
Elmdon	534	83407	17046	40603	854//	51710	84615	88630	
Shawbury	414	83210	17214	41901	856//	00802	88638		
Manchester	334	83206	15044	41002	855//	51707	84625	88635	
Squires Gate	318	83504	08606	42103	855//	01603	81625	88630	
Valley	302	80000	37042	42604	855//	00601	88623		
Ronaldsway	204	83305	59042	42703	856//	01604	88630		
Carlisle	222	80000	58052	42502	856//	00606	88630		
Watnall	354	83503	05044	40602	854//	50707	88620		
Spurn Head	396	83210	32022	39402	855//	01708	88620		
Finningley	360	83409	18042	40703	855//	00707	88628		
Dishforth	261	83407	35052	41102	855//	00706	82622	88627	
Tynemouth	262	83208	24052	41204	856//	00608	88630		
Eskdalemuir	162	80000	58032	43202	855//	00604	83710	88620	
Mull of Galloway	131	80902	60022	43504	864/	01701	88715		
Prestwick	135	80000	28042	42302	855//	01602	81716	84620	88630
Renfrew	141	80000	05424	42303	855//	01708	83625	88630	
Leuchars	171	82407	48042	41102	856//	00706	88637		
Dyce	091	80000	40042	41401	856//	00704	81630	88635	
Wick	075	82305	74085	39404	856//	02705	85630	88650	
Cape Wrath	049	82309	81152	38705	865//	04710	88720		
Sule Skerry	010	82413	74022	38207	865//	05708	88720		
Lerwick	005	72510	79012	37705	755//	04609	83625	87656	
Stornoway	026	82308	74025	40005	856//	03706	88640		
Benbecula	022	82113	66022	40506	855//	03701	84628	88640	
Tiree	100	72105	80012	41405	755//	02707	84620	87629	
Aldergrove	917	80000	15102	43201	855//	00602	84620	88625	
Malin Head	980	41905	66011	42500	15601	51603	81645	84070	
Belmullet	976	21504	61101	42402	25600	01400	82630		
Birr	965	80000	62022	43002	854//	01500	83717	88630	
Collinstown	969	83105	40102	42703	854//	01000	88618		
Rineanna	962	81106	48102	42803	855//	01303	88622		
Roches Point	952	80000	66022	42105	864//	02000	85714	88626	
Valentia	953	41105	74012	41802	25608	51202	82635	84270	

OBSERVATIONS during DAY

Station	iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	93045	000	ir_o	ir_o
London Airport	772	91035	000	r_or_o	ir_o
Gatwick	776	95036	000	$r_or_opr_os_oid_o$	ir_o
Thorney Island	871	91045	001	+	ir_o
Hurn	862	97036	///	id_oir_o	ir_o
Guernsey	894	97051	007	+	ir_o
Wattisham	590	91035	///	ir_o	$ir_or_or_o$
Gorleston	497	94045	000	+	ir_o
Mildenhall	578	95035	002	$iFir_o$	pr_o
Cardington	559	97045	000	pr_o	ir_oid_o
West Raynham	485	97035	005	pr_oir_o	ir_o
Wittering	462	91035	000	ir_o	+
Boscombe Down	746	97027	000	if	ir_o
Ross-on-Wye	627	00037	000	+	+
Bristol	628	00037	000	FFff	+
Aberporth	502	00035	000	+	+
Rhoose (Cardiff)	715	97045	000	$ffir_o$	+
Plymouth	827	00055	045	+	+
Chivenor	707	00050	016	+	+
St. Mawgan	817	00055	047	+	+
Culdrose	809	00051	018	+	+
Scilly	804	00071	022	+	+
Elmdon	534	94036	000	$ffir_o$	+
Shawbury	414	97027	000	ff	ir_o
Manchester	334	00045	000	ff	+
Squires Gate	318	97045	000	$ifir_off$	$ffir_oif$
Valley	302	00053	000	if	+
Ronaldsway	204	00045	000	+	+
Carlisle	222	00031	000	+	+
Watnall	354	00036	000	ff	ff
Spurn Head	396	00035	000	+	+
Finningley	360	00035	000	+	+
Dishforth	261	00031	000	+	+
Tynemouth	262	00041	001	+	+
Eskdalemuir	162	00036	000	+	+
Mull of Galloway	131	00041	///	/	/
Prestwick	135	00041	000	+	+
Renfrew	141	00033	000	ff	ff
Leuchars	171	00033	001	+	+
Dyce	091	00045	000	+	+
Wick	075	97051	000	+	id_o
Cape Wrath	049	91071	///	+	ir_o
Sule Skerry	010	97071	///	/	/
Lerwick	005	01062	001	+	ir_orr
Stornoway	026	97061	000	id_o	+
Benbecula	022	00071	005	+	+
Tiree	100	00051	000	+	+
Aldergrove	917	00025	000	+	+
Malin Head	980	9706/	044	/	/
Belmullet	976	9705/	033	/	/
Birr	965	9704/	000	/	/
Collinstown	969	0004/	000	/	/
Rineanna	962	9704/	000	/	/
Roches Point	952	0006/	000	/	/
Valentia	953	0007/	040	/	/

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	20620	33012	52622	75161	27601	59500	00216	/////	/////	06157	12646	1////
B	20565	51012	81427	65028	25953	854//	00736	88615	/////	06255	11635	1////
C	20528	35512	73618	69022	34003	756//	00108	87640	/////	05855	13637	1////
D	20440	41012	60227	69028	27410	62400	00710	86815	/////	05601	10257	1////
I	30587	19412	82130	96206	26409	863//	41305	88706	/////	00109	11946	12346
J	20526	20012	71720	98018	32111	756//	00115	87648	/////	00106	11744	16550
K	20452	16312	71134	65022	26611	757//	212022	87635	/////	05206	11059	11643
M	23660	02112	82328	60022	26907	884//	51718	86810	88615	00005	12446	1////

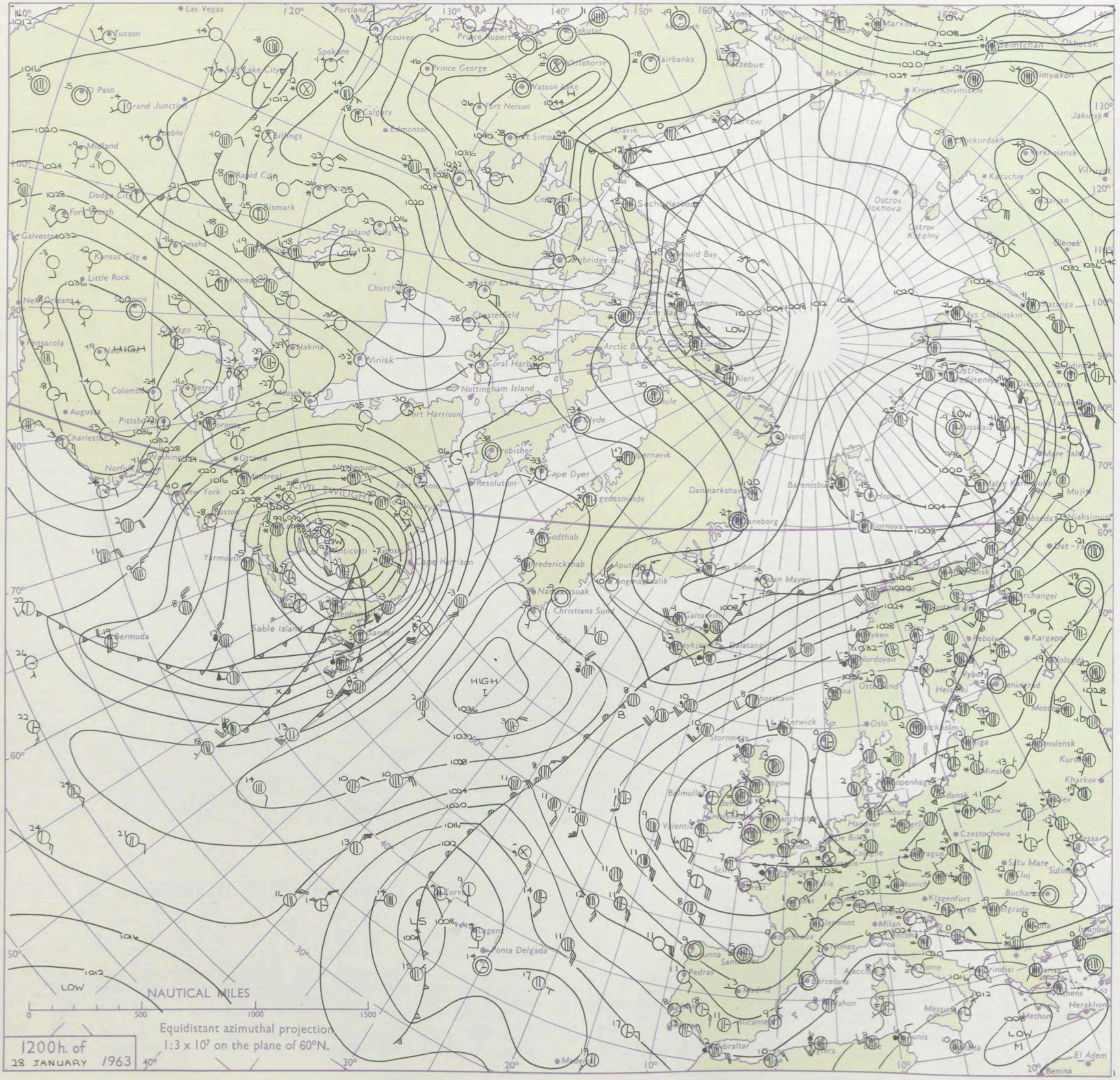
OCEAN WEATHER STATION REPORTS at 18h.

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	20620	32818	72624	70858	29401	795//	00209	/////	/////	06056	12646	1////
B	20565	51018	91451	02737	11400	910//	00773	89105	/////	05651	16445	1////
C	20528	35518	60221	69022	31904	54500	00817	86640	/////	05452	10335	1////
D	20440	41018	60520	69258	23811	62400	00625	86315	/////	05404	10457	1////
I	20586	19218	82022	95636	26209	872//	41204	85704	88706	05109	12048	12346
J	20526	19818	81613	98022	32810	885//	00307	82825	88635	00107	11644	16550
K	20452	16118	41132	65011	27511	45600	21313	84636	/////	05206	11058	10643
M	23659	02018	82328	60612	23506	7732/	51720	87709	/////	00005	12345	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



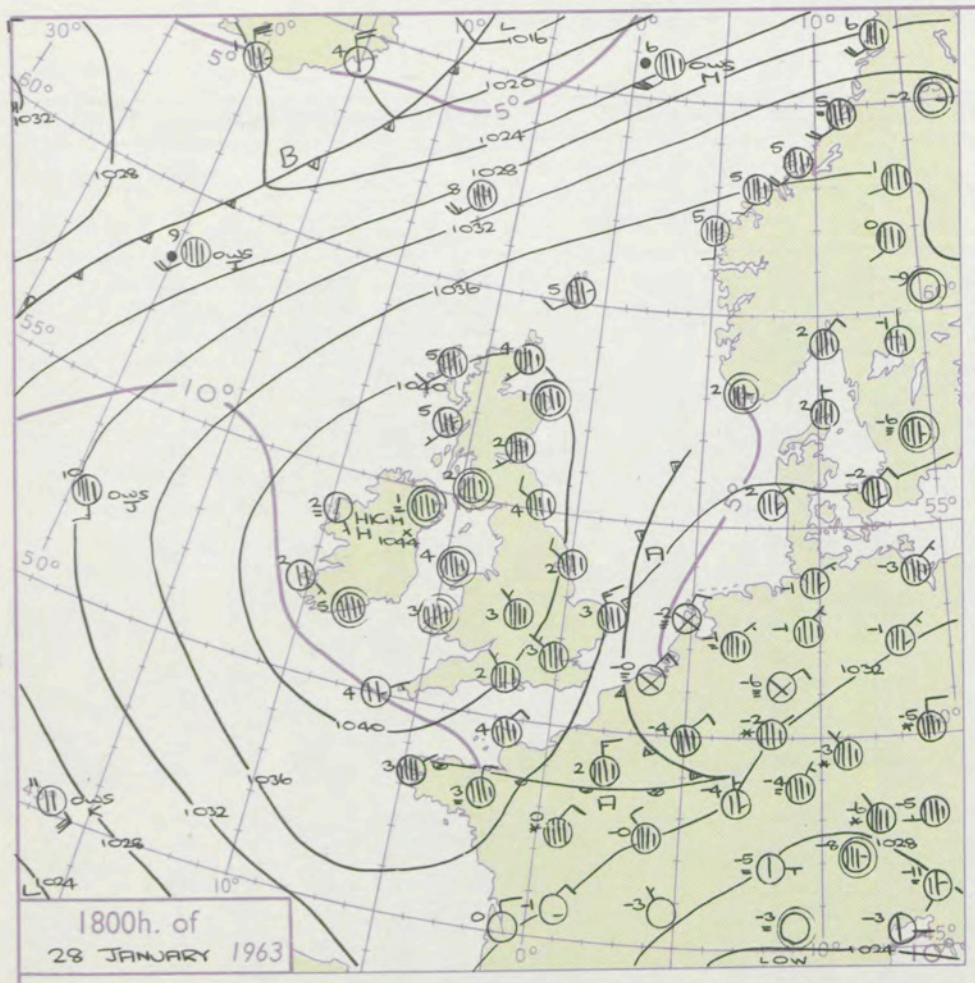
CHARTS OF WEATHER IN WEST EUROPE

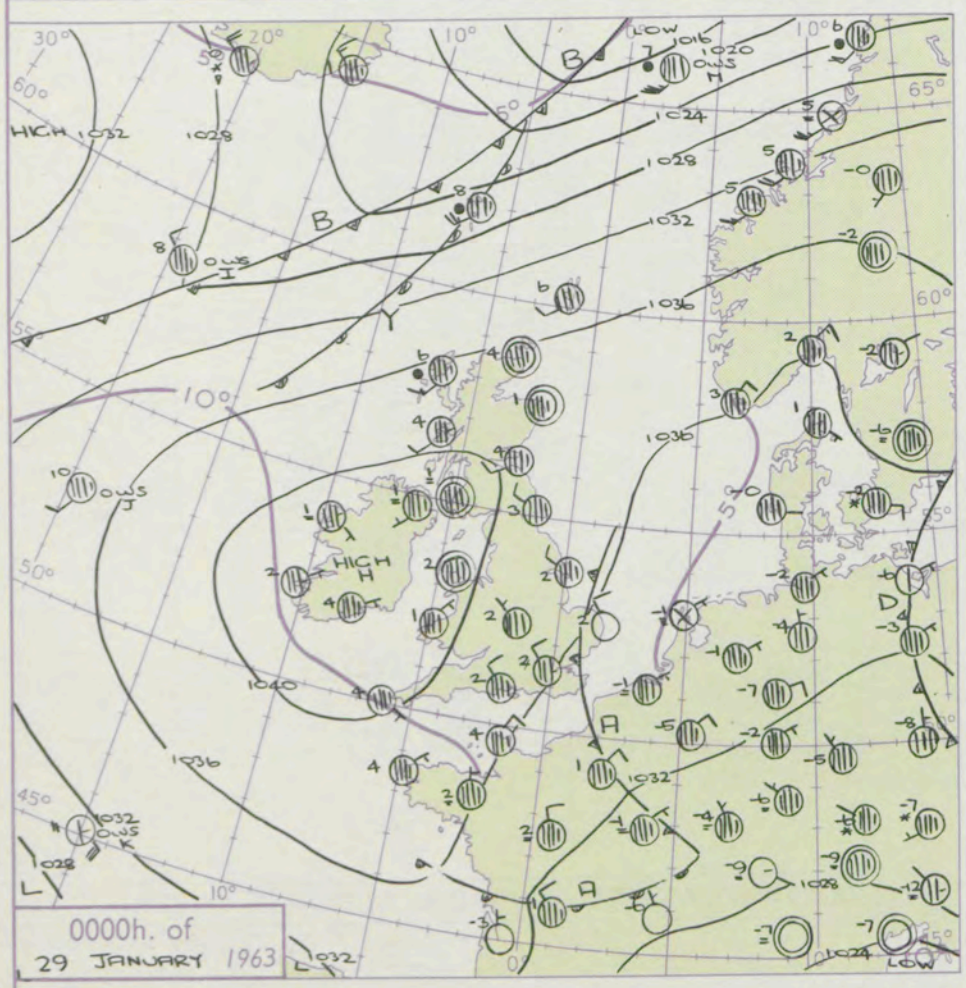
nation
mbols

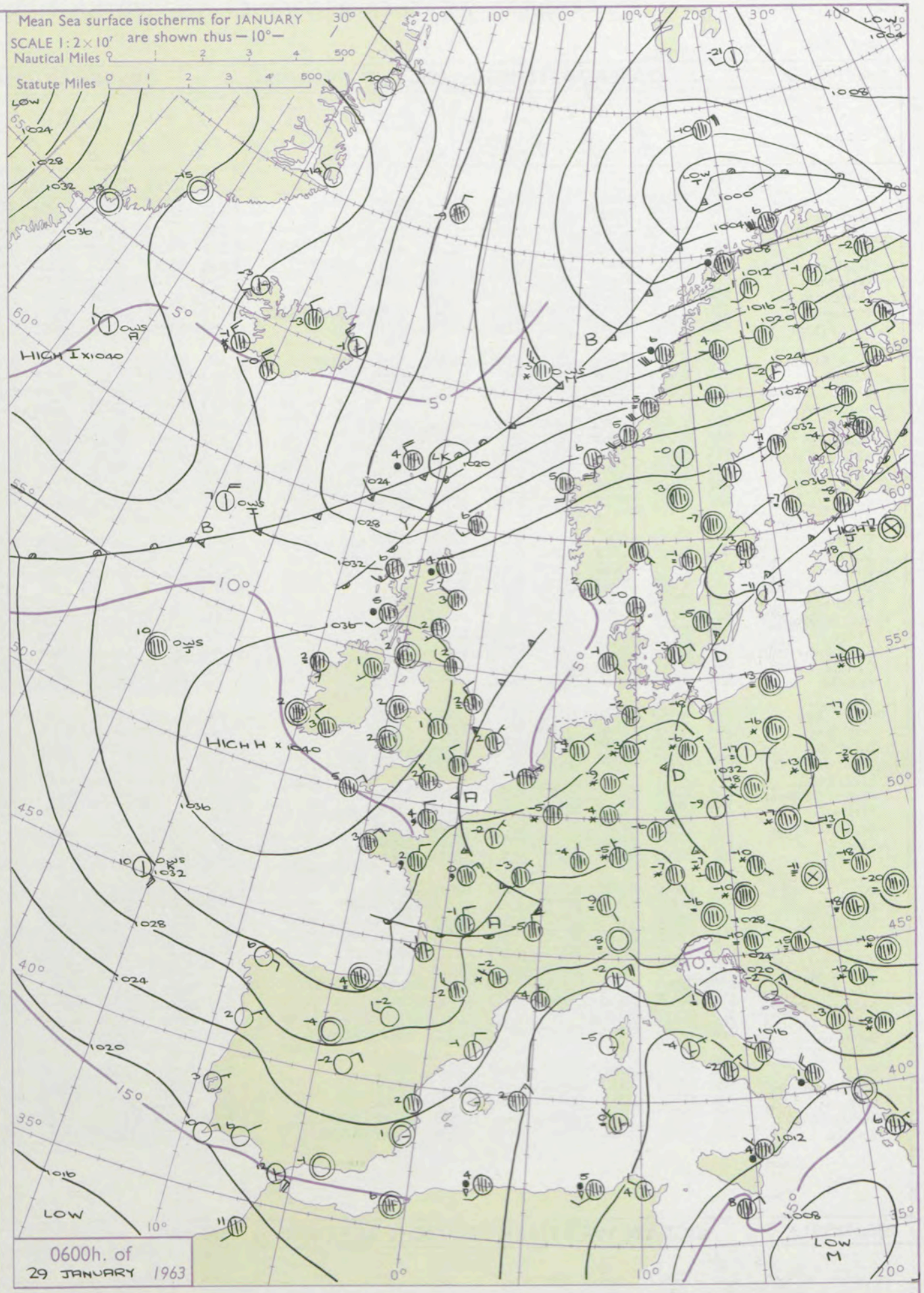
OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
y obscured

ATHER
Weather
t
izzle
n and drizzle
n
n and snow
ow
n shower
n and snow shower
ow shower
il shower
understorm

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







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Tuesday 28 January** 1963

An anticyclone covering the British Isles has been declining and moving southwest while weak troughs of low pressure have been passing southwestwards over southern districts. A more marked trough has advanced south eastwards towards northern Scotland and will move slowly southwards over the British Isles as a developing anticyclone advances at a decreasing speed towards Iceland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will be generally cloudy at first and a belt of rain turning ro sleet or snow will move southwards across Scotland into Wales and central England followed by brighter weather and scattered snow showers. Southern districts will have occasional rain sleet or snow and there will be fog in places. Except at first in the north, it will be cold or very cold.

OUTLOOK for following 24 hours

Cold with snow at times especially in the north and east.

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

Code FM 11.A

OBSERVATIONS at 00h. 29 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			03					
London Airport	772	73310	40206	37002	755//	50812	81620	87640	
Gatwick	776	83406	28227	36402	854//	01711	88610		
Thorney Island	871	83509	37052	37303	856//	50712	88638		
Hurn	862	83408	37042	37402	856//	51713	88636		
Guernsey	894	80213	60026	37004	854//	01813	84615	88626	
Wattisham	590	83309	12216	36101	860//	01710	86701	88703	
Gorleston	497	03508	60016	35302	00900	02708			
Mildenhall	578	83605	23258	36202	856//	01812	82703	86709	88638
Cardington	559	83306	23602	37702	855//	01809	85620	88637	
West Raynham	485	80110	40586	36502	871//	02708	82702	88703	
Wittering	462	83408	28506	37902	855//	00707	88627		
Boscombe Down	746	83607	37052	38201	856//	51717	88632		
Ross-on-Wye	627								
Bristol	628	83404	19042	39002	855//	00712	88628		
Aberporth	502	80204	40042	40601	855//	01807	88626		
Rhoose (Cardiff)	715	83607	61022	39702	856//	51710	88635		
Plymouth	827	83507	56042	39603	856//	00709	88630		
Chivenor	707	83605	40022	40003	856//	00710	88636		
St. Mawgan	817	80503	56022	40402	856//	51708	88630		
Culdrose	809	80207	64022	40402	855//	52704	88622		
Scilly	804	81007	82022	40104	855//	51806	88625		
Elmdon	534	83407	28042	38502	856//	51709	88631		
Shawbury	414	83407	32042	39501	855//	00815	88629		
Manchester	334	83004	22044	39502	856//	51810	88633		
Squires Gate	318	80000	56046	39802	856//	01711	88630		
Valley	302	80000	48042	40702	855//	00711	88625		
Ronaldsway	204	80000	59026	40602	855//	01810	88626		
Carlisle	222	80000	48052	40101	856//	00814	88640		
Watnall	354	83403	14044	38402	855//	00713	88620		
Spurn Head	396	83210	57022	37102	855//	01713	88625		
Finningley	360	83310	24042	38402	856//	00712	88638		
Dishforth	261	83307	48052	38902	856//	00814	88630		
Tynemouth	262	83210	61022	39003	856//	51713	88630		
Eskdalemuir	162								
Mull of Galloway	131	83408	74022	41203	865//	01714	88720		
Prestwick	135	80000	32102	40101	855//	00710	82625	88630	
Renfrew	141	82805	22044	40202	856//	01716	88631		
Leuchars	171	82609	62022	38604	856//	51714	88640		
Dyce	091	80000	58042	38901	856//	50713	88635		
Wick	075	80000	74022	36704	856//	03717	88635		
Cape Wrath	049	82905	82028	36705	865//	04709	88725		
Sule Skerry	010	82413	66025	36006	864//	06711	88715		
Lerwick	005	82410	62026	34706	856//	05717	86705	88635	
Stornoway	026	81917	66606	37306	854//	03717	88615		
Benbecula	022	81811	66606	38006	855//	04613	88621		
Tiree	100	72009	74011	39104	755//	03718	81620	87630	
Aldergrove	917	82005	12104	41101	855//	51712	88622		
Malin Head	980	82111	62101	40302	864//	00815	88719		
Belmullet	976	71506	62101	40801	2563/	00812	82635	87359	
Birr	965	80000	56102	41701	855//	01711	88623		
Collinstown	969	82904	40102	41102	854//	50710	88619		
Rineanna	962	81103	32102	41801	854//	00706	88618		
Roches Point	952	80607	66022	41104	864//	00809	82713	88724	
Valentia	953	70505	69031	41902	55602	01801	85635	87070	

OBSERVATIONS at 06h. 29 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
	775	83605	48026	33902	855//	01713	88620		
	772	83409	24216	34301	856//	01717	84707	88635	
	776	83301	28505	34001	872//	01715	85703	88704	
	871	83509	17216	34502	863//	01611	88708		
	862	83407	40042	35002	856//	50711	88643		
	894	80113	60022	34504	856//	51616	83713	88635	
	590	83608	56024	33701	864//	01609	88712		
	497	70103	62021	34402	755//	01706	87625		
	578	80102	08466	33801	864//	01711	88710		
	559	83310	37216	34902	854//	01613	86709	88615	
	485	93605	01476	34001	9/0//	01714	89/01		
	462	83408	23216	35201	864//	00614	88710		
	746	83511	32052	35401	856//	51716	88638		
	627	83505	57022	36402	864//	00715	88710		
	628	83408	19042	36202	855//	52714	88628		
	502	80000	56245	37602	855//	01716	88626		
	715	83507	66020	37002	855//	51712	88627		
	827	80106	56022	37303	856//	51713	88630		
	707	80205	40022	37403	855//	00714	88625		
	817	80307	48022	37602	855//	51718	88624		
	809	80108	64022	37402	856//	52715	88630		
	804	80309	59022	37705	855//	51815	88628		
	534	83306	23042	35701	855//	50715	88628		
	414	83405	37042	36801	855//	50715	88628		
	334	80000	32042	36502	856//	51716	88630		
	318	83407	60022	36702	856//	01716	88630		
	302	80000	48042	37702	854//	01715	83619	88622	
	204	83108	56042	37503	856//	00715	88631		
	222	80000	56052	37401	856//	50716	88640		
	354	83407	16042	35702	856//	50612	88630		
	396	83312	32108	34202	874//	01717	88710		
	360	83110	30042	35702	855//	00616	82628	88638	
	261	83508	58052	35702	856//	51716	88638		
	262	82910	61022	36302	856//	51714	88630		
	162	83402	62022	37901	855//	51719	88620		
	131	83305	74022	38603	865//	01714	88720		
	135	80000	58022	36302	855//	01725	83621	88635	
	141	82705	58042	36502	856//	01722	88647		
	171	82407	70022	35202	856//	50719	88643		
	091	83102	62022	34003	856//	54723	88635		
	075	81806	74602	32604	856//	03725	88630		
	049	82318	66028	30505	865//	04738	88720		
	010	82024	58802	30907	864//	05732	88710		
	005	82416	59026	29806	863//	05728	88706		
	026	82014	70216	32706	856//	05723	88631		
	022	82116	62606	33807	855//	06723	83712	88620	
	100	82012	58616	35505	854//	05721	86708	88618	
	917	82304	40052	38101	854//	51719	88618		
	980	82010	62102	37202	855//	00622	83722	88640	
	976	81706	62102	38202	856//	01712	88632		
	965	80000	58102	39200	855//	00715	88626		
	969	82703	48102	38401	855//	51717	88620		
	962	02401	15424	39053	00900	53717			
	952	83208	66022	38903	865//	00814	88720		
	953	80000	74022	39302	856//	00717	88635		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
	775	96025	01	ir_or_o	$ir_or_or_o$
	772	92015	01	ir_oid_o	ir_oif
	776	94016	00	$d_or_od_os_oid_o$	id_o
	871	92025	51	+	d_or_o
	862	97016	00	+	ir_o
	894	00031	02	+	+
	590	93005	51	r_or_off	+
	497	91015	54	ir_o	ff
	578	01015	51	$pr_od_or_od_od_o$	d_od_offFF
	559	01015	01	ir_o	$r_or_oir_o$
	485	01015	01	$ir_od_or_oif$	$ffFFid_o$
	462	01015	51	$id_or_oid_o$	$ir_orsiRirs$
	746	97017	50	+	is_o
	627	00017	01	+	+
	628	00017	01	+	+
	502	97015	00	+	id_o
	715	00015	00	+	+
	827	00025	00	+	+
	707	00020	01	+	+
	817	97015	00	+	id_o
	809	00010	01	+	+
	804	00031	//	+	+
	534	00016	51	+	+
	414	97017	50	+	id_o
	334	00015	00	if	+
	318	00025	00	+	+
	302	91011	01	+	d_od_o
	204	97025	01	ir_o	+
	222	00011	51	+	+
	354	00016	01	+	+
	396	01012	//	pr_o	pr
	360	00025	50	+	+
	261	00011	00	+	+
	262	00021	01	+	+
	162	00016	50	+	+
	131	00031	//	/	/
	135	00011	51	+	+
	141	00023	00	ff	+
	171	00013	01	+	+
	091	00015	50	+	+
	075	97031	01	+	ir_o
	049	94041	51	ir_o	ir_o
	010	91051	05	/	/
	005	91061	05	id_oir_o	+
	026	92051	05	id_oir_o	ir_o
	022	95051	05	$ir_oirr_or_o$	$r_or_oir_o$
	100	94021	00	$d_or_oid_o$	$d_or_or_or_o$
	917	00515	53	+	+
	980	97001	53	/	/
	976	97001	55	/	/
	965	00005	54	/	/
	969	00011	50	/	/
	962	97553	56	/	/
	952	00011	54	/	/
	953	97000	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33000	32816	80158	34601	39500	00224	/////	/////	06158	12846	1////
B	30565	51000	81458	37608	06502	8042/	00619	88510	/////	05202	16557	1////
C	30528	35500	80723	69022	30806	856//	00815	88640	/////	05200	10536	1////
D	30440	41000	30710	69011	20810	32400	00722	83815	/////	05503	10544	1////
I	30585	19200	83212	97216	28008	873//	00316	85706	88708	05207	13245	14917
J	30527	19900	81909	98022	34710	856//	00007	88635	/////	00107	11912	11548
K	30451	15000	31130	65011	30111	35500	21008	83630	/////	05406	11058	10643
M	33660	02200	82235	60616	17307	6742/	51642	86710	/////	00005	12247	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	22710	80020	39301	39500	00219	/////	/////	06056	12733	1////
B	30565	51006	81447	56616	06003	8042/	00803	88510	/////	00002	16557	1////
C	30528	35506	80727	63602	24907	855//	00737	88630	/////	00106	10546	1////
D	30440	41006	21115	69258	15111	22400	00725	82815	/////	05406	10543	1////
I	30584	19206	23618	98025	34407	28400	00230	81818	/////	05502	10145	14916
J	30528	19906	80000	98022	35110	856//	00304	88635	/////	00107	10010	11545
K	30451	15706	21226	65010	31110	25500	21105	81630	/////	05406	11056	10643
M	33660	02206	83223	60706	16703	5742/	61104	85710	/////	05700	13233	12245

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36959 — Date of Issue Wednesday 30 January 1963

Code FM 11.A — OBSERVATIONS at 12h. 29 January 1963

RSION LE °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
104	Kew	775	83505	12284	31802	863//	01817	88707		
102	London Airport	772	83407	07425	32302	862//	02816	88703		
100	Gatwick	776	83505	20105	31802	862//	00817	81704	88708	
99	Thorney Island	871	80108	19052	31703	856//	01721	83708	88630	
97	Hurn	862	83508	32237	32302	854//	00716	84710	88615	
95	Guernsey	894	80113	60056	32603	854//	01714	83709	87612	
93	Wattisham	590	83304	04444	31501	860//	01715	88701		
91	Gorleston	497	83201	03464	31402	863//	01718	88709		
90	Mildenhall	578	93203	01454	31301	9/0//	01818	89/01		
88	Cardington	559	83205	32206	32502	873//	01816	88708		
86	West Raynham	485	93005	01455	31301	9/0//	01815	89/01		
84	Wittering	462	83409	23507	32301	855//	00815	87710	88620	
82	Boscombe Down	746	83506	32057	33302	856//	00714	85710	88630	
81	Ross-on-Wye	627	83002	57022	33303	864//	00718	88715		
79	Bristol	628	83405	48042	33403	856//	50717	88630		
77	Aberporth	502	83602	32515	34602	871//	01720	86702	88705	
75	Rhoose (Cardiff)	715	83309	56045	33802	855//	00718	88625		
73	Plymouth	827	73610	37042	34503	756//	01716	82715	87630	
72	Chivenor	707	80505	59515	34903	855//	01815	82620	84625	88630
70	St. Mawgan	817	80403	61505	35203	855//	51817	82715	85625	88635
68	Culdrose	809	80406	58052	35103	855//	51713	88623		
66	Scilly	804	80710	56606	35304	854//	02713	88618		
64	Elmdon	534	83407	16042	32802	856//	51716	81715	88640	
63	Shawbury	414	83210	40205	33702	854//	51820	82618	88623	
61	Manchester	334	70000	09044	33602	754//	51818	83615	87635	
59	Squires Gate	318	83105	19586	33702	5552/	02717	81718	85625	88540
57	Valley	302	83204	56045	34703	854//	00720	85619	88625	
55	Ronaldsway	204	82909	58042	34203	855//	51721	88628		
54	Carlisle	222	80000	48616	33702	855//	01822	87625	88635	
52	Watnall	354	83105	19042	32703	856//	51715	88640		
50	Spurn Head	396	73506	16808	31902	755//	01716	87620		
48	Finningley	360	83010	09042	32703	856//	00714	88645		
46	Dishforth	261	73209	50052	32403	756//	00820	85630	87640	
45	Tynemouth	262	82708	16052	32603	856//	51718	88632		
43	Eskdalemuir	162	70000	58012	33702	774//	51823	87710		
41	Mull of Galloway	131	82710	63022	34303	864//	01722	88718		
39	Prestwick	135	80000	22042	33004	7542/	02718	81616	83622	87640
37	Renfrew	141	82505	28042	32704	7551/	02723	81620	87635	88460
36	Leuchars	171	82408	60042	31103	856//	00724	84640	88650	
34	Dyce	091	81802	48042	30503	856//	50726	88640		
32	Wick	075	82411	69606	26605	856//	03736	84630	88656	
30	Cape Wrath	049	82018	16636	24206	873//	06732	88708		
28	Sule Skerry	010	82330	58638	25306	874//	06733	88710		
27	Lerwick	005	82323	58606	23406	854//	05738	87706	88615	
25	Stornoway	026	83317	48636	27907	854//	06522	86706	88618	
23	Benbecula	022	82113	56606	28407	854//	07831	82705	86617	88635
21	Tiree	100	82214	56606	30807	856//	06830	83710	88630	
19	Aldergrove	917	82004	28052	34601	855//	51723	83625	88635	
18	Malin Head	980	82011	59606	32704	865//	03728	85720	88642	
16	Belmullet	976	72610	74012	34608	5647/	06723	83717	85640	87459
14	Birr	965	80000	59102	36202	855//	01723	88628		
12	Collinstown	969	82807	48102	34802	855//	50826	82620	88637	
10	Rineanna	962	81901	32102	36901	856//	52714	88635		
9	Roches Point	952	13104	66011	37004	00901	00711	81070		
7	Valentia	953	80000	69022	37404	856//	02811	88637		

OBSERVATIONS at 18h. 29 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	83505	13516	28502	872//	01615	88704		
London Airport	772	83205	13685	29001	854//	01614	83704	86706	88615
Gatwick	776	83002	03445	28801	861//	00716	88702		
Thorney Island	871	82902	17606	29202	863//	01717	84707	88709	
Hurn	862	83009	37216	29402	855//	50512	82625	88636	
Guernsey	894	80207	40205	30003	854//	01211	83708	86612	
Wattisham	590	93202	F9435	28001	9/0//	01615	89/01		
Gorleston	497	80000	12606	27902	863//	01716	88708		
Mildenhall	578	83501	07505	27801	861//	01614	88702		
Cardington	559	82802	14107	28801	856//	00716	88634		
West Raynham	485	83609	11606	27501	871//	01713	88702		
Wittering	462	83406	17046	28401	855//	51719	85625	88640	
Boscombe Down	746	83303	28227	29901	855//	51716	82710	88624	
Ross-on-Wye	627	83101	48022	29502	864//	00715	88710		
Bristol	628	80000	32042	30102	855//	50716	86622	88630	
Aberporth	502	83604	23205	30402	854//	01717	82705	88618	
Rhoose (Cardiff)	715	83206	40042	30201	855//	00716	83620	88625	
Plymouth	827	83310	33025	31203	856//	00710	88622		
Chivenor	707	83303	48506	31202	854//	01715	84708	88615	
St. Mawgan	817	83606	48515	31902	855//	01714	86714	88620	
Culdrose	809	83207	37205	31502	855//	00715	82715	83622	88630
Scilly	804	80802	32606	32504	854//	03711	85705	88610	
Elmdon	534	83206	13027	29201	856//	51713	85718	88630	
Shawbury	414	82605	17516	29301	856//	01823	83712	88637	
Manchester	334	82702	05515	29201	862//	01720	88703		
Squires Gate	318	82808	24046	28702	855//	01725	81712	88620	
Valley	302	80000	48042	30001	856//	00720	85630	87650	88657
Ronaldsway	204	82611	59602	28603	5562/	01730	85635	88460	
Carlisle	222	82102	28052	28602	855//	01726	84718	88625	
Watnall	354	80000	14042	28502	854//	50721	86617	88625	
Spurn Head	396	83506	16058	28201	855//	50719	88620		
Finningley	360	80000	11044	28502	856//	50720	88638		
Dishforth	261	82601	40052	27902	856//	50721	88636		
Tynemouth	262	82809	16052	28002	855//	50723	88624		
Eskdalemuir	162	81801	48687	28201	874//	01626	88711		
Mull of Galloway	131	82415	66606	29303	865//	01731	88720		
Prestwick	135	81706	40616	26502	855//	01730	86712	88620	
Renfrew	141	82308	29616	26103	854//	02732	84711	88619	
Leuchars	171	82508	22636	25402	5552/	01726	83711	85620	88530
Dyce	091	82604	40636	25703	855//	02718	85716	88620	
Wick	075	32906	82016	24801	35600	00501	83645		
Cape Wrath	049	73418	81818	26203	735//	02204	87920		
Sule Skerry	010	43524	66018	24904	3347/	03204	83915	84360	
Lerwick	005	73521	63836	22102	784//	01314	86810		
Stornoway	026	33613	80268	27502	39500	01505	83920		
Benbecula	022	23418	74156	28304	23500	01607	82920		
Tiree	100	63528	66016	27405	2567/	52002	82630	85359	
Aldergrove	917	82010	09616	27501	861//	01739	81703	83705	88708
Malin Head	980	80125	74606	28305	4567/	04511	84635	88459	
Belmullet	976	83217	59605	29707	864//	07726	86715	88640	
Birr	965	82105	56606	31103	874//	03721	85712	88623	
Collinstown	969	82513	32586	29702	862//	01727	84703	86709	88634
Rineanna	962	82508	32615	31903	874//	03724	81711	84715	88626
Roches Point	952	83108	58051	32304	856//	01820	88643		
Valentia	953	80603	69216	33206	854//	05715	81717	88637	

OBSERVATIONS during DAY

Station	iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	96025	000	ffd_0r_0	$d_0r_0d_0d_0ir_0s_0$
London Airport	772	95025	000	ffd_0d_0id	$d_0d_0d_0r_0r_0s_0$
Gatwick	776	95026	000	ff	FFr_0s_0rsff
Thorney Island	871	97035	000	+	$ir_0r_0r_0$
Hurn	862	92036	///	r_0s_0	ir_0
Guernsey	894	94041	000	ir_0	$r_0r_0id_0$
Wattisham	590	97035	///	$ffid_0$	$FFir_0s_0is_0$
Gorleston	497	96032	000	ir_0ff	ir_0ff
Mildenhall	578	01015	000	$FFFfd_0d_0$	$ffid_0r_0r_0s_0s_0$
Cardington	559	02025	000	$id_0r_0s_0is$	ir_0
West Raynham	485	91025	000	FFff	$ffir_0r_0r_0$
Wittering	462	97025	000	id_0dr	+
Boscombe Down	746	97026	000	$s_0s_0id_0$	is_0
Ross-on-Wye	627	00037	000	+	+
Bristol	628	00047	000	+	+
Aberporth	502	94025	000	$id_0d_0d_0$	id_0
Rhoose (Cardiff)	715	97035	000	id_0	+
Plymouth	827	97031	003	id_0	+
Chivenor	707	93041	000	$d_0d_0ir_0$	$ir_0d_0d_0$
St. Mawgan	817	01035	000	id_0	id_0
Culdrose	809	97031	000	id_0	ir_0
Scilly	804	92051	000	ir_0	ir_0
Elmdon	534	97036	000	+	$id_0d_0d_0$
Shawbury	414	97027	000	id_0ir_0	$ir_0d_0d_0ff$
Manchester	334	92025	000	ff	$ffid_0r_0d_0$
Squires Gate	318	97035	000	d_0r_0	$d_0r_0r_0s_0$
Valley	302	97031	000	d_0d_0	r_0r_0
Ronaldsway	204	01045	003	+	$ir_0r_0r_0$
Carlisle	222	01031	000	$id_0r_0r_0$	$ir_0r_0r_0$
Watnall	354	00036	000		ff
Spurn Head	396	92021	000	pr_0	pr_0if
Finningley	360	00045	000	if	+
Dishforth	261	00041	000	+	+
Tynemouth	262	00031	000	+	+
Eskdalemuir	162	03027	000	+	ir_0s_0ss
Mull of Galloway	131	94042	///	/	/
Prestwick	135	05051	000	+	r_0r_0rr
Renfrew	141	05042	000	ir_0	r_0r_0rr
Leuchars	171	07042	000	+	rrRR
Dyce	091	05045	000	+	ir_0rr
Wick	075	04061	000	$ir_0rrr_0r_0$	$r_0r_0pr_0s_0$
Cape Wrath	049	05061	///	rr	pr
Sule Skerry	010	04071	///	/	/
Lerwick	005	07062	000	ir_0rr	$irpr_0s_0$
Stornoway	026	04071	011	r_0r_0rr	pr_0s_0pr
Benbecula	022	04081	003	$ir_0iRr_0r_0$	pr_0
Tiree	100	05071	000	$id_0irr_0r_0$	$rrRRir_0pr_0$
Aldergrove	917	03035	000	ir_0	$r_0r_0ffir_0$
Malin Head	980	0307/	000	/	/
Belmullet	976	0208/	000	/	/
Birr	965	9704/	000	/	/
Collinstown	969	0103/	000	/	/
Rineanna	962	9205/	000	/	/
Roches Point	952	9705/	033	/	/
Valentia	953	9307/	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	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33012	32304	80020	42002	25610	00209	/////	/////	05858	12334	1////
B	30565	51012	81446	83026	06506	854//	00002	88610	/////	00302	16357	1////
C	30528	35512	80928	59616	24409	6732/	00202	86808	88515	00308	15940	1////
D	30440	41012	81615	69021	12012	82400	00610	88815	/////	05307	11542	1////
I	30587	19012	73524	98031	38806	785//	81219	81825	87642	05751	13645	149/6
J	30527	19912	71505	98016	36911	756//	00311	87645	/////	00107	149/0	11546
K	30451	15912	80922	70021	33311	855//	00102	88630	/////	05407	11055	11543
M	33659	01812	83323	65017	18102	4142/	00303	84815	88456	05755	13343	12243

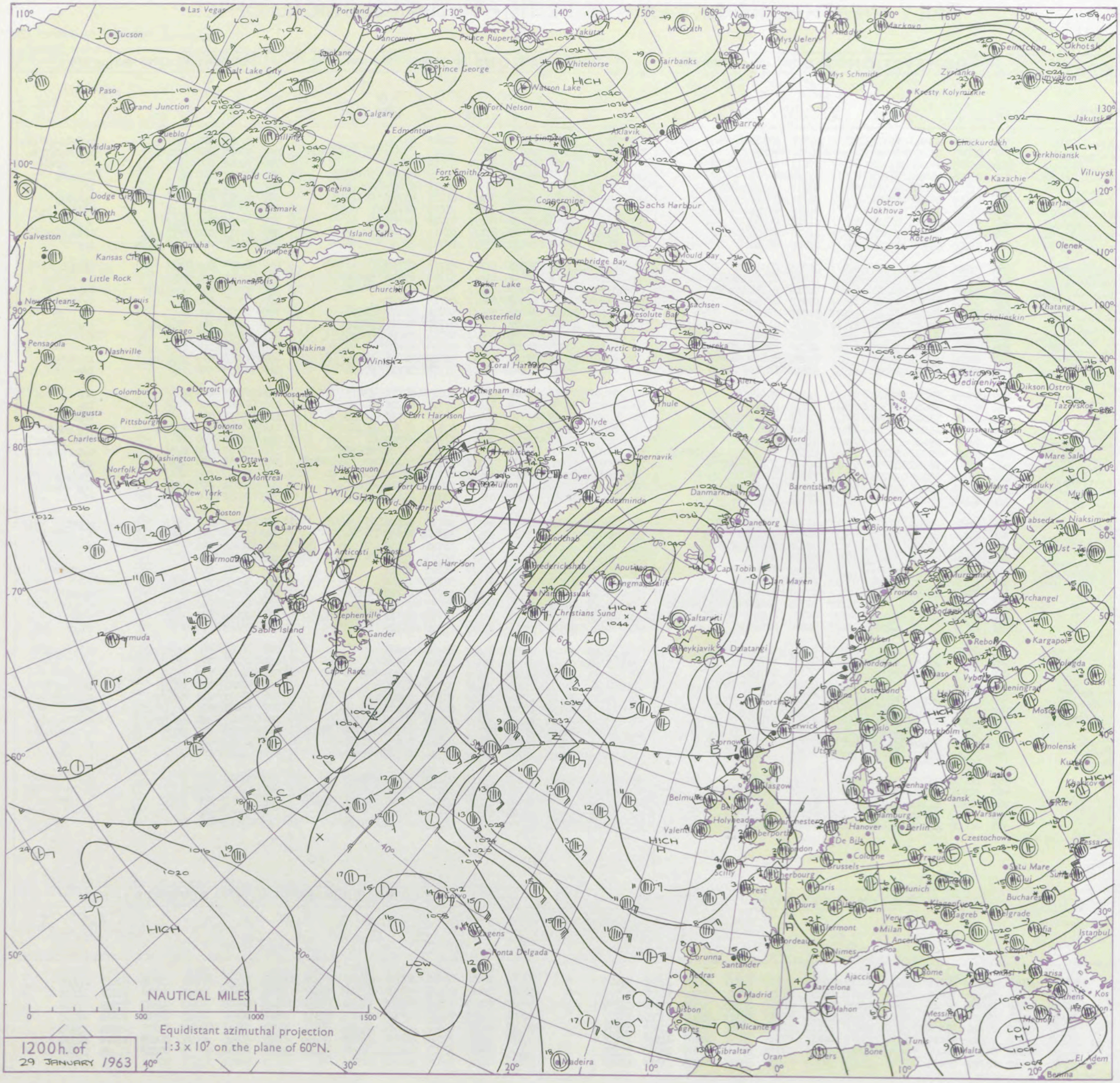
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33018	71410	80022	43903	75600	00215	/////	/////	05600	149/3	1////
B	30565	51018	81138	59022	02304	854//	00725	88610	/////	00203	16357	1////
C	30528	35518	80923	65216	21709	855//	00715	88629	/////	00307	10949	1////
D	30440	41018	81816	69808	07214	825//	00614	88830	/////	05311	11644	1////
I	30590	19018	73614	98026	41106	756//	00213	87645	/////	05751	13634	1////
J	30528	19918	70903	98031	36710	7563/	00213	87645	/////	00008	109/0	149/4
K	30448	15918	71017	70022	32410	755//	51302	87630	/////	05406	11055	11543
M	33658	01918	83635	60262	20502	894//	00312	88910	/////	05851	13544	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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OUD
Cloud Amount (oktas)
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8
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shower
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IND
Wind speed (knots)
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1–2
3–7
8–12
13–17
additional
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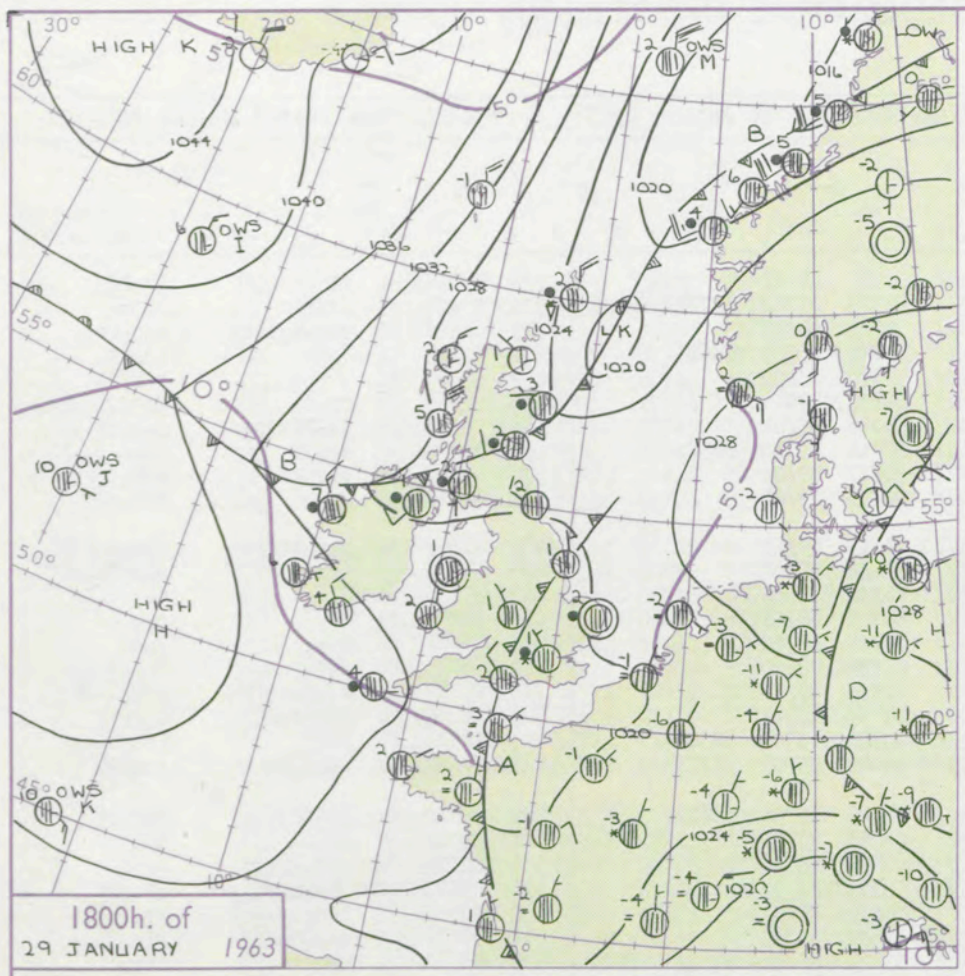
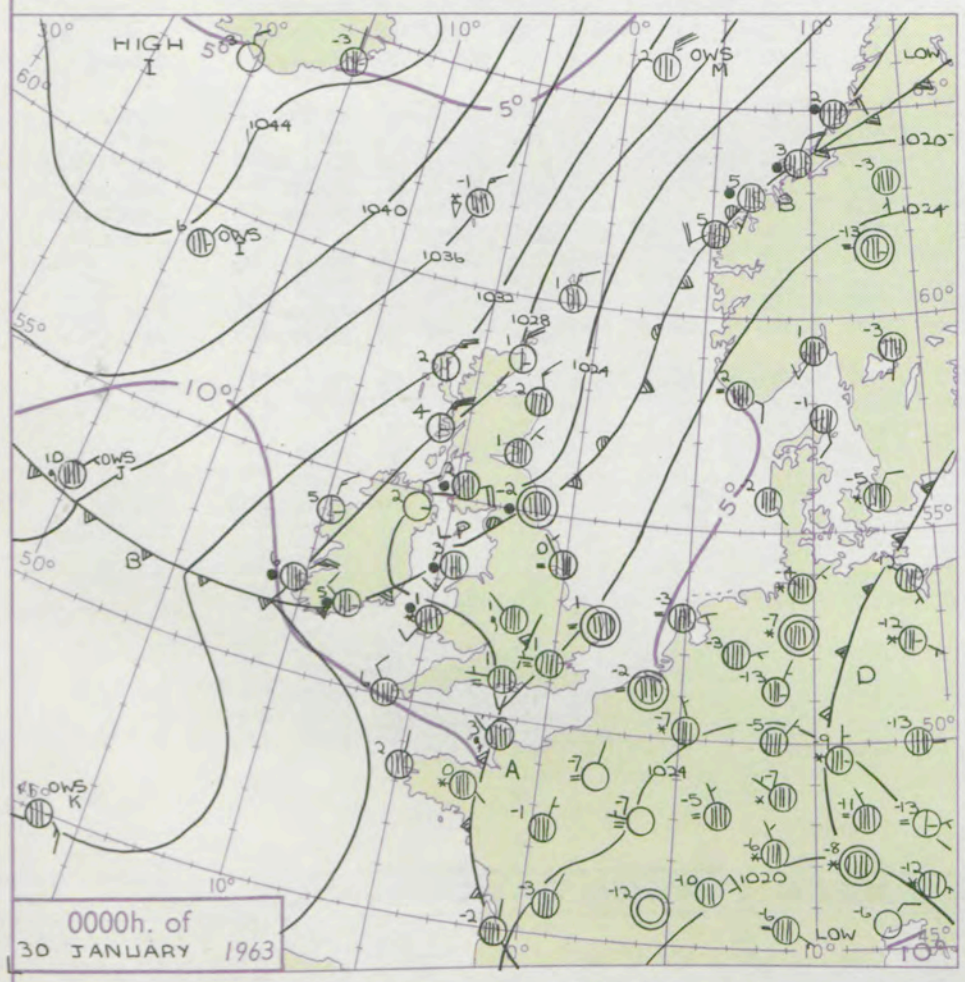
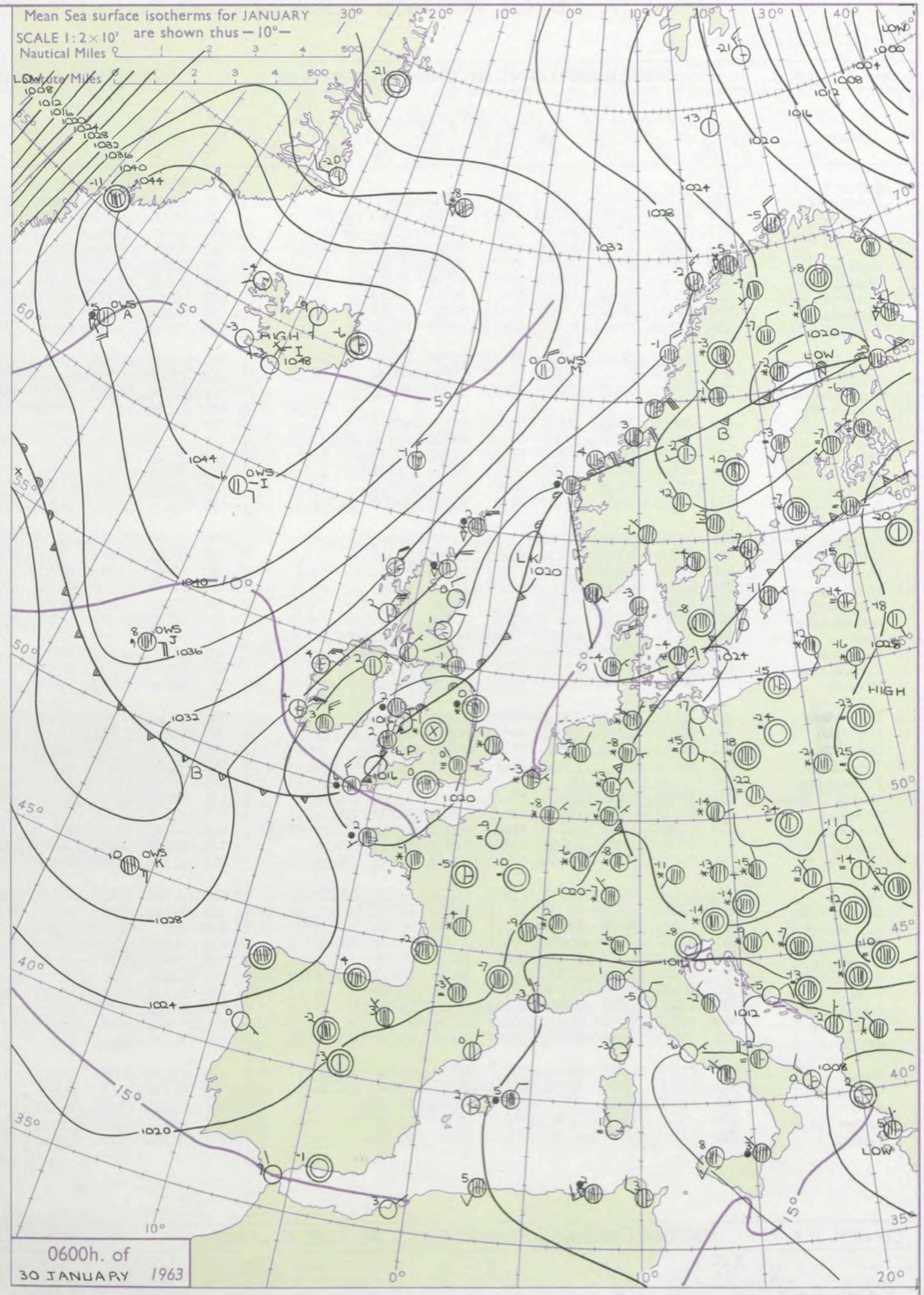
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 30 January 1963

As a trough of low pressure moved southeast over the British Isles a depression developed over western districts. An anticyclone near Iceland has been moving slowly east. The depression is expected to move from the mouth of the English Channel to the Bay of Biscay and a north-easterly airstream will extend to all parts of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

There will be widespread snow at first over England and Wales but later rather brighter weather with showers mostly of snow already over Northern Ireland and Scotland will spread to most parts of the British Isles. It will be cold or very cold with night frosts in many places.

OUTLOOK for following 24 hours.

Cold with bright periods, chiefly in the west, and further snow at times mostly in eastern districts.

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

Code FM 11.A

OBSERVATIONS at 00h. 30 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775			01					
London Airport	772	82705	10107	23701	856//	00727	88645		
Gatwick	776	83002	17287	23701	872//	00729	86703	88706	
Thorney Island	871	83004	17607	24101	854//	00730	85615	88650	
Hurn	862	82704	48102	23901	854//	00729	83704	88612	
Guernsey	894	83508	58056	25503	857//	00726	88650		
Wattisham	590	90000	01707	23150	9/0//	50724	89/00		
Gorleston	497	80000	19106	24201	864//	00711	88718		
Mildenhall	578	80000	06447	23000	874//	00718	88711		
Cardington	559	80000	17102	23501	856//	50728	88648		
West Raynham	485	82705	08706	22900	873//	00723	88706		
Wittering	462	83006	11102	23500	857//	51724	88650		
Boscombe Down	746	83101	40052	24800	856//	51728	88636		
Ross-on-Wye									
Bristol	628	82605	32042	24401	856//	50734	88635		
Aberporth	502	82108	28696	23301	855//	01740	83710	88620	
Rhoose (Cardiff)	715	82905	19102	24301	864//	01732	88710		
Plymouth	827	80000	37205	25602	855//	01832	88620		
Chivenor	707	90000	F7435	24801	9/0//	01834	89/00		
St. Mawgan	817	83005	40515	25403	873//	03737	83707	88709	
Culdrose	809	82705	40606	25903	854//	02735	86705	88615	
Scilly	804	83208	63026	27206	854//	04728	88618		
Elmdon	534	83002	14507	23101	854//	00733	88619		
Shawbury	414	62104	19105	22900	657//	50735	86650		
Manchester	334	82005	07725	22600	872//	00830	88704		
Squires Gate	318	82405	14737	22300	872//	00732	88705		
Valley	302	81913	48636	21303	854//	02747	83707	85710	88618
Ronaldsway	204	73313	74216	20504	3552/	02740	81714	83620	87458
Carlisle	222	80000	11737	23400	872//	00620	88705		
Watnall	354	80000	19042	23001	855//	50729	88620		
Spurn Head	396	83204	12104	23200	864//	50726	88710		
Finningley	360	80000	12102	22901	863//	00728	85708	88713	
Dishforth	261	80805	20102	22601	856//	50725	85638		
Tynemouth	262	80000	24616	23402	864//	00717	88712		
Eskdalemuir	162								
Mull of Galloway	131	83620	82026	21503	856//	01726	83720	88630	
Prestwick	135	80618	48617	22802	854//	00503	82710	88625	
Renfrew	141	81006	59216	24403	854//	00203	82709	83615	88635
Leuchars	171	80205	62217	23801	855//	01607	83715	88622	
Dyce	091	83414	58268	25302	884//	50302	82815	88625	
Wick	075	33620	82018	27301	15630	51214	81630	83359	
Cape Wrath	049	83218	82038	29303	885//	52214	88825		
Sule Skerry	010	53224	74038	28403	535//	51211	85920		
Lerwick	005	63612	62228	24401	684//	50003	83815	86640	
Stornoway	026	40123	74278	32102	49400	54215	84918		
Benbecula	022	70122	74278	31303	785//	52216	84822	87633	
Tiree	100	30134	80258	28304	33400	01115	83918		
Aldergrove	917	13410	66026	23802	15700	50721	81650		
Malin Head	980	00231	80258	26905	00900	01504			
Belmullet	976	33617	74256	29505	33500	01808	83920		
Birr	965	73208	62216	26403	764//	01710	85710	87632	
Collinstown	969	63109	66016	23803	656//	01717	82635	86650	
Rineanna	962	63510	66215	27503	656//	02609	86640		
Roches Point	952	72810	59606	24905	765//	04742	87721		
Valentia	953	80323	69605	27906	864//	04627	88715		

OBSERVATIONS at 06h. 30 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
775	80000	16707	19101	873//	50721	88707		
772	83002	08464	19400	856//	50722	81705	85707	88640
776	80000	07717	19450	872//	51722	88703		
871	83003	11106	19300	855//	51726	85706	88625	
862	80000	37042	18400	862//	50734	88703		
894	82505	50586	19802	854//	00732	87611		
590	90000	01717	19550	9/0//	51718	89/01		
497	81204	60717	20501	2742/	00714	82710	88523	
578	90000	07717	19500	9/0//	50717	89/03		
559	90000	04717	19550	9/0//	50719	89/04		
485	90905	03717	20000	9/0//	00613	89/01		
462	90403	07707	20100	9/0//	51614	89/04		
746	80906	40102	19450	856//	51732	88636		
627	80504	24717	17800	863//	50725	88706		
628	81106	11717	18900	871//	50728	88702		
502	83605	62027	15902	856//	01738	88630		
715	91206	02737	17550	9/0//	50735	89/00		
827	80707	17616	16801	874//	01753	88711		
707	80909	23697	16501	3732/	00741	83707	88509	
817	83412	56616	16703	872//	02749	85705	88711	
809	82508	30616	17404	854//	04746	85706	88618	
804	83214	58636	17606	863//	06853	88709		
534	90000	01717	18751	9/0//	51724	89/00		
414	80804	12717	18700	871//	50617	88702		
334	91503	04717	18900	9/0//	00618	89/01		
318	80607	16717	19901	874//	01502	88715		
302	80805	61626	17402	855//	01512	86707	87714	88621
204	80330	62687	20401	2642/	01115	82710	88550	
222	80212	58217	22702	856//	50500	82712	84719	88630
354	90000	01737	19500	9/0//	00615	89/01		
396	80000	08687	20000	864//	50714	88710		
360	80406	05717	20200	873//	50609	85706	88708	
261	83406	14717	21001	855//	50607	83712	88620	
262	83206	16717	21501	8052/	51609	88520		
162	50215	40387	23551	00901	52601	85070		
131	80534	80626	22502	865//	00213	88720		
135	40206	56026	24701	45540	52306	81625	84650	
141	10307	80016	25601	15600	55301	81645		
171	10110	80011	24601	15700	53302	81650		
091	13211	62028	25700	18500	54400	81820		
075	70220	62808	27501	784//	01302	85815	87625	
049	73624	71867	28903	865//	54505	88720		
010	43624	74028	29304	43500	00208	84920		
005	80225	48848	25402	834//	02203	87910		
026	33621	74278	32201	39400	50603	83918		
022	40222	74028	32001	48400	51501	82818	83630	
100	20131	74258	29602	29400	50400	82918		
917	40216	66011	24802	45600	54303	84630		
980	50230	80028	28403	535//	52104	85923		
976	30227	78018	29004	33400	51807	83919		
965	73520	66258	23702	735//	00712	82920	87630	
969	80132	06687	20602	862//	50808	82704	86705	88709
962	03420	66020	25201	00900	51712			
952	83423	74276	21903	874//	00623	87719		
953	30324	74216	25704	36400	51712	83718		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97015	51	+	is_0ff
772	97505	51	$ifir_0$	$ffis_0$
776	94506	51	$ffr_0s_0s_0s_0$	s_0s_0ff
871	97515	51	ir_0	is_0if
862	97506	51	+	$r_0s_0is_0$
894	02011	00	ir_0	$id_0d_0r_0r_0r_0$
590	03507	52	$is_0FFs_0s_0ff$	s_0s_0ff
497	93005	52	ir_0	$is_0s_0s_0$
578	01507	50	r_0s_0ff	s_0s_0fFFF
559	92516	51	ff	ffs_0s_0
485	01507	51	$d_0r_0ffs_0s_0$	sss_0s_0ffFF
462	97515	53	$ffis_0$	$s_0s_0ffssFF$
746	97516	51	+	is_0
627	01507	51	+	s_0s_0
628	01007	50	is_0	s_0s_0
502	04015	00	$irrsr_0s_0$	$r_0s_0r_0s_0$
715	05517	51	$ir_0s_0s_0ff$	sss_0s_0ff
827	04012	51	id_0ir_0	r_0r_0rr
707	06015	00	FFrr	$rrdrr_0s_0$
817	08021	01	$id_0r_0r_0ff$	rrd_0r_0
809	05012	01	id_0ir_0	r_0r_0rr
804	05042	//	ir_0	ir_0
534	02517	52	$d_0d_0s_0s_0if$	s_0s_0
414	03507	51	$ifs_0s_0r_0s_0$	s_0s_0ff
334	02507	51	$ffr_0s_0s_0s_0$	$ffsss_0s_0$
318	06007	50	$r_0s_0rsffss$	$ffsss_0s_0$
302	08015	51	rr	irrs
204	04015	00	$r_0r_0rris_0$	$is_0r_0s_0$
222	06007	50	$r_0r_0s_0s_0ss$	$r_0s_0ir_0id_0$
354	92507	50	ifd_0d_0	d_0d_0ssFF
396	01506	//	ifr_0s_0	r_0s_0
360	01006	51	ddff	$ssffs_0s_0$
261	01007	51	$is_0s_0s_0$	$s_0s_0ffis_0$
262	04007	51	rrssff	sss_0s_0
162	05519	//	SSs_0s_0	$s_0s_0ksis_0$
131	05011	//	/	/
135	02503	56	$rrr_0r_0r_0s_0$	+
141	02013	52	rrr_0r_0	+
171	01003	52	$rrr_0s_0r_0r_0$	+
091	01006	52	$pr_0pr_0s_0$	ps_0
075	03001	51	ps	$pr_0s_0pr_0$
049	92515	55	pr_0	ps_0
010	01011	00	/	/
005	03002	51	pr_0s_0	$prsir_0rsrs$
026	93505	51	ph_0ps_0	ps_0ph_0
022	91503	52	$ph_0r_0ps_0ps$	ps_0
100	92011	51	$prpr_0$	$ph_0r_0pr_0$
917	96015	51	$pr_0s_0pr_0$	+
980	95031	02	/	/
976	01021	01	/	/
965	01015	52	/	/
969	04011	51	/	/
962	02003	51	/	/
952	92021	01	/	/
953	09031	02	/	/

CONVE TAB °C to

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

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33000	81216	76022	42504	855//	00715	/////	/////	05452	11234	1////
B	40565	51000	82712	37857	05101	824//	00217	88810	/////	05500	11359	1////
C	40528	35500	81124	61516	22408	854//	00705	88620	/////	00208	10947	1////
D	40440	41000	81815	69028	06915	825//	00705	88820	/////	05209	11943	1////
I	40590	18900	70112	98026	43306	756//	00311	87635	/////	05751	13635	1////
J	40528	20000	80307	97505	37210	855//	00500	87625	88645	05008	14910	14914
K	40448	16400	71015	65031	32511	755//	31704	87632	/////	05306	11054	11543
M	43660	01900	63634	65268	30202	69400	81149	85910	/////	05954	13648	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	40620	33006	61320	70808	40805	69500	00712	/////	/////	05202	11345	1////
B	40565	51006	82920	28718	07552	80421	00322	88510	/////	06254	11157	12922
C	40528	35506	21125	67025	21909	20930	00005	82360	/////	00307	11047	1////
D	40440	41006	83232	63258	09010	825//	00219	88820	/////	06008	13245	1////
I	40590	19006	40809	98011	44106	35508	00210	81620	83640	05751	10445	1/////
J	40528	20106	80618	96505	37008	864//	00804	88715	/////	05307	10613	11645
K	40448	16306	80903	65022	30510	856//	31711	88639	/////	05504	11053	11543
M	43661	01806	43620	70028	35800	49400	41121	82915	/////	06256	13648	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36960

Date of Issue Thursday 31 January 1963

Code FM 11.A — OBSERVATIONS at 12h. 30 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80908	19227	19202	873//	51304	86707	88710	
London Airport	772	80908	08687	19501	862//	00305	81704	88705	
Gatwick	776	81107	26707	19300	872//	51305	88705		
Thorney Island	871	80708	09717	18601	863//	00802	88707		
Hurn	862	70706	11237	17602	755//	50001	84710	87620	
Guernsey	894	81615	66606	16602	855//	01711	84708	88625	
Wattisham	590	81108	19717	21351	871//	51106	87702	88704	
Gorleston	497	71413	40567	22851	6557/	52111	86624	87360	
Mildenhall	578	81005	83057	21001	862//	00110	87704	88708	
Cardington	559	80610	17707	20601	854//	00308	86708	88615	
West Raynham	485	80816	20717	22251	857//	51217	85703	84706	88650
Wittering	462	80907	23227	21401	855//	00111	86705	88620	
Boscombe Down	746	80806	09467	18800	862//	51801	88705		
Ross-on-Wye	627	80803	13237	19101	862//	00212	88705		
Bristol	628	80609	23107	19301	855//	00105	84710	88620	
Aberporth	502	80812	66687	18502	2547/	50120	82610	88458	
Rhoose (Cardiff)	715	80914	17227	17801	872//	00211	86704	88706	
Plymouth	827	80812	48617	13403	5732/	03608	85709	88518	
Chivenor	707	70917	59207	15503	755//	00304	81704	83710	87625
St. Mawgan	817	80807	57606	12802	854//	01720	83704	85707	88615
Culdrose	809	80310	58606	12903	824//	02722	84708	87520	
Scilly	804	63509	74028	13304	684//	03727	84815	86620	
Elmdon	534	80507	08717	20101	873//	50108	88706		
Shawbury	414	80608	28287	20901	854//	50213	86704	88618	
Manchester	334	80512	32687	21601	855//	50115	84710	88620	
Squires Gate	318	80211	19287	22102	755//	01108	87625		
Valley	302	70512	61606	21602	6552/	01218	84708	86625	
Ronaldsway	204	80425	69607	22802	1747/	01209	81710	88459	
Carlisle	222	70407	61205	24802	785//	01211	82713	83625	87630
Watnall	354	80912	17287	21801	872//	00216	88704		
Spurn Head	396	80918	16837	22800	885//	50221	86710	88820	
Finningley	360	30811	48017	22902	35600	00220	81708	83645	
Dishforth	261	70603	61017	23702	2633/	01220	82708	87362	
Tynemouth	262	80911	57158	24902	835//	01319	88923		
Eskdalemuir	162	80411	24737	25900	8052/	50315	88520		
Mull of Galloway	131	80520	81026	24803	8 4//	51208	83615	88630	
Prestwick	135	30404	56040	26402	28501	52210	81825		
Renfrew	141	20413	56041	27204	18530	52208	81822		
Leuchars	171	40208	80011	26802	28530	50213	81712	83360	
Dyce	091	23306	62028	27903	12530	01214	81820		
Wick	075	70227	56808	29403	724//	02212	87812		
Cape Wrath	049	73624	82022	32203	735//	01213	87925		
Sule Skerry	010	80230	66028	32105	865//	01215	88720		
Lerwick	005	70529	59808	28604	733//	03328	86907		
Stornoway	026	60425	70278	34505	684//	51211	81712	83817	85630
Benbecula	022	40220	82031	33703	28530	51109	81823	83360	
Tiree	100	60129	80038	30405	48442	50207	81818	83635	
Aldergrove	917	20517	86011	26103	18501	53102	81822		
Malin Head	980	60330	82258	28904	685//	51005	84824	86645	
Belmullet	976	70328	66808	29005	794//	51603	87919		
Birr	965	70114	83022	24302	765//	52204	85713	87632	
Collinstown	969	80325	66237	22902	864//	52209	83718	88622	
Rineanna	962	60225	74268	24702	435/2	54803	81920	84645	86070
Roches Point	952	83627	66858	19702	884//	51706	85818	88640	
Valentia	953	30329	80027	24604	33500	54808	83925		

OBSERVATIONS at 18h. 30 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	60917	66017	24151	672//	56330	86712		
772	80617	28047	24351	854//	55234	83614	88630	
776	70616	56057	23452	854//	55229	81706	85710	87618
871	80715	50707	22750	854//	53230	81709	88618	
862	80409	56016	21501	855//	51228	81705	85708	88620
894	81014	40056	18502	862//	00220	84704	87709	
590	40606	56027	25554	35501	57220	83628		
497	40812	62012	25651	45500	56220	84620		
578	20703	59017	26053	15601	55227	81630		
559	80710	48247	25552	855//	53234	88625		
485	70507	40038	26454	756//	54328	87635		
462	70913	59018	26351	784//	53229	83811	86625	
746	81015	26707	22800	864//	51229	84705	88712	
627	80610	48022	23701	863//	51235	88708		
628	30413	17041	23401	36400	52333	83710		
502	70716	23057	23401	757//	52230	86715	87650	
715	80817	19057	22101	855//	50332	85708	88620	
827	80716	23217	18802	854//	01236	86708	88618	
707	80613	28052	20902	4542/	50237	83708	84615	88458
817	80816	32587	18101	854//	00254	85704	88612	
809	80927	65216	15803	855//	02246	84708	88620	
804	81026	40638	12905	7542/	04322	84707	87614	88535
534	70610	40047	25151	755//	52230	84710	87625	
414	70613	48048	26300	784//	52232	85819	87631	
334	30612	48017	27250	32500	55234	83822		
318	10913	30041	27400	18500	52230	81822		
302	30711	32047	26102	15530	51228	81620	83360	
204	60413	40041	27902	684//	01230	81818	86635	
222	80405	59028	29302	856//	51224	85635	88645	
354	70816	59028	26952	785//	54330	84820	86630	
396	50708	59038	27050	55600	54224	85630		
360	70712	60031	28150	75600	52230	81710	87630	
261	40705	61011	28550	44400	52227	83812		
262	81007	66028	29903	855//	00224	88625		
162	80407	32717	30301	873//	00221	88708		
131	60918	74012	29403	685//	00223	83820	85630	
135	20702	58040	30002	25630	50224	82630		
141	20706	24041	30803	25600	50223	82630		
171	70302	74031	30003	755//	01217	83718	87625	
091	63401	40108	30602	663//	01319	82706	85712	
075	60720	80026	32405	684//	03239	83815	85640	
049	70230	66026	33505	765//	02204	87720		
010	80230	61028	34506	875//	04222	88720		
005	60419	66808	35403	634//	01233	83911	84632	
026	70230	80258	36306	785//	01210	83820	87632	
022	70222	74021	35604	785//	01215	82820	87635	
100	10216	83031	33104	18500	01115	81715		
917	60413	74021	29903	656//	00230	86630		
980	20524	82011	32005	28500	01225	81825		
976	40520	80018	30504	43500	00316	84920		
965	70314	74022	26902	754//	00220	83714	87635	
969	60615	66017	27103	664//	52319	83718	86625	
962	70519	74028	26303	755//	52320	86622	87635	
952	50216	69238	23103	55400	00228	82715	85634	
953	70417	80037	24703	765//	51312	87720		

OBSERVATIONS during DAY

iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	92025	000	ffsss$_o$s$_o$s$_o$	isis$_o$
772	97025	000	ffs$_o$s$_o$r$_o$s$_o$	r$_o$s$_o$s$_o$s$_o$
776	91006	000	s$_o$s$_o$d$_o$s$_o$	s$_o$s$_o$is$_o$
871	97025	000	s$_o$s$_o$ifis$_o$	is$_o$
862	91026	///	s$_o$s$_o$r$_o$s$_o$ir$_o$	is$_o$
894	02031	000	r$_o$r$_o$ir$_o$	ir$_o$
590	92506	///	s$_o$s$_o$ff	+
497	92015	000	ir$_o$s$_o$s$_o$s$_o$	is$_o$
578	97016	009	s$_o$s$_o$is$_o$	+
559	91015	000	s$_o$s$_o$ff	is$_o$ir$_o$
485	92007	001	s$_o$s$_o$ps$_o$	ps$_o$
462	97015	001	s$_o$s$_o$ffph$_o$	+
746	92017	000	is$_o$if	is$_o$
627	01027	000	isirs	+
628	92027	000	s$_o$s$_o$	+
502	97025	000	ir$_o$s$_o$rsff	+
715	02027	000	s$_o$s$_o$ffis$_o$	+
827	08031	000	rrr$_o$r$_o$r$_o$rs	r$_o$r$_o$ir$_o$
707	95031	000	r$_o$s$_o$id$_o$	r$_o$s$_o$
817	02022	000	r$_o$r$_o$r$_o$s$_o$	r$_o$r$_o$d$_o$r$_o$
809	05052	000	r$_o$r$_o$	rr
804	01061	023	pr	prrr
534	96016	006	s$_o$s$_o$ff	is$_o$
414	93027	000	s$_o$s$_o$ff	ps$_o$ph$_o$
334	93026	007	r$_o$s$_o$	+
318	91026	021	r$_o$r$_o$s$_o$s$_o$ff	+
302	94033	000	r$_o$s$_o$ir$_o$	ir$_o$
204	97035	019	s$_o$s$_o$	+
222	92021	004	id$_o$pr$_o$	+
354	01016	000	is$_o$iFs$_o$s$_o$ffphspsh	
396	01016	022	pr$_o$s$_o$	ps$_o$
360	01025	012	ssff	ps$_o$
261	94035	025	is$_o$4	+
262	02035	000	prs	+
162	14017	000	s$_o$s$_o$ss	s$_o$s$_o$ir$_o$
131	97031	///	/	/
135	00043	023	+	+
141	00063	058	+	if
171	97051	026	+	id$_o$
091	92045	042	ps$_o$pr$_o$	+
075	01052	000	pr$_o$ir$_o$r$_o$r$_o$	ir$_o$pr$_o$
049	93051	///	ir	ir
010	95061	///	/	/
005	05051	000	rrsspr$_o$	pr$_o$phr
026	97061	014	ph$_o$pr$_o$s$_o$	pr$_o$
022	00051	064	+	+
100	00051	035	+	+
917	00035	028	+	+
980	9705/	024	/	/
976	0205/	015	/	/
965	0002/	001	/	/
969	0203/	000	/	/
962	9703/	001	/	/
952	9703/	000	/	/
953	9704/	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33012	81420	70028	40306	865//	00400	/////	/////	00003	11456	1////
B	40565	51012	82514	63858	14053	824//	00236	88815	/////	06357	12825	1////
C	40528	35512	81123	59611	23309	874//	00317	86810	88720	00408	01158	1////
D	40440	41012	83435	63618	13608	3752/	00221	83820	88530	05807	13347	1////
I	40590	19012	61010	98258	45406	68509	00207	83825	85625	05502	10843	149/5
J	40528	20312	40518	98258	37407	32561	00105	83825	/////	05503	10533	10446
K	40448	16312	70112	70032	28311	756//	11718	87641	/////	05305	10233	13032
M	43659	01912	43225	72068	38400	49400	71201	83910	/////	06254	13232	13546

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	81318	66026	40706	864//	00304	/////	/////	00104	11356	1////
B	40565	51018	62013	63858	18455	62400	00227	86815	/////	06708	11065	12322
C	40528	35518	61124	63016	25209	56402	00314	85715	850//	00508	11147	1////
D	40440	41018	83429	63616	16407	875//	00117	88820	/////	05806	13339	1////
I	40590	19118	80515	98038	46706	856//	00207	88635	/////	05651	10722	149/5
J	40528	20318	70422	97808	35008	63461	00511	83918	83822	05403	10434	10445
K	40448	16318	73326	70252	23111	58471	00828	83816	85643	05307	13234	10253
M	43660	01718	73316	65268	38450	79400	31302	86915	/////	06156	13345	1////

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

NAUTICAL MILES

0 500 1000 1500

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

1200h. of 30 JANUARY 1963

Explan
of sy

CLO

Symbol

Sky

WEA

Symbol

Mist

Fog

Driz

Rain
dr

Rain

Rain

Snow

Rain
sh

Snow

Hail

Thu

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Symbol

For each
half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE

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Cloud
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(oktas)

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

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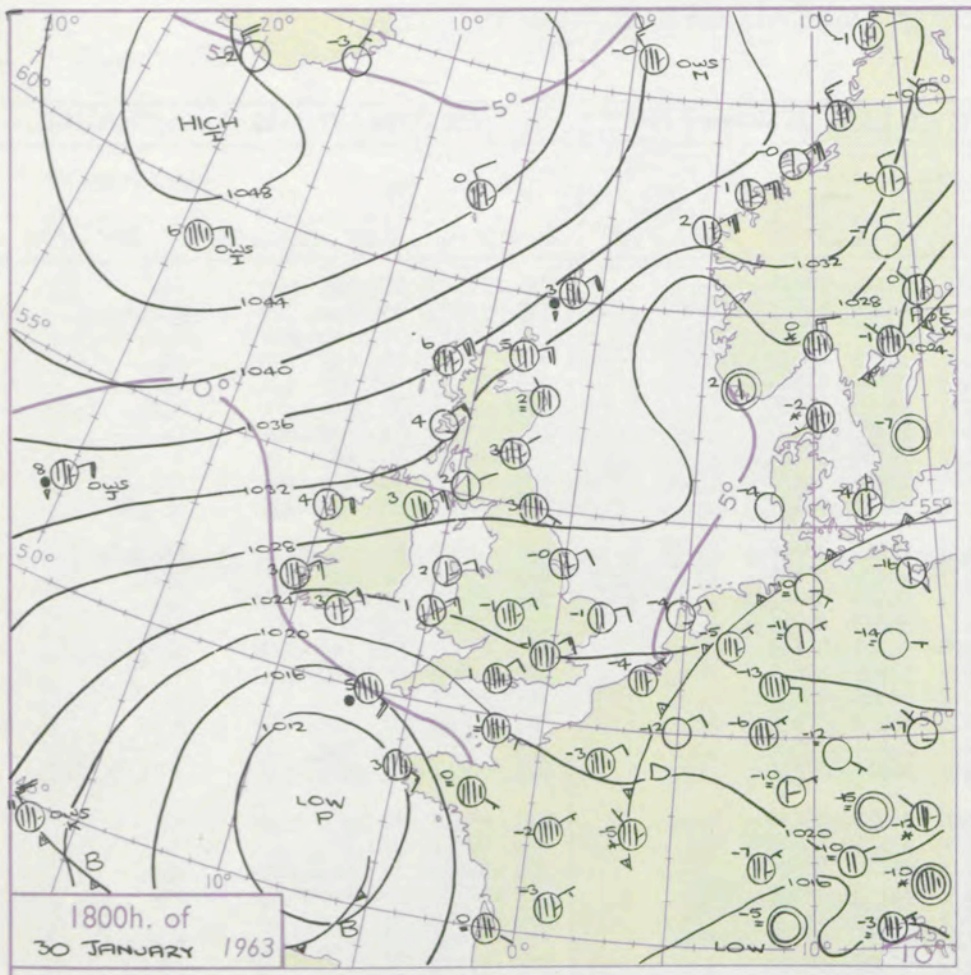
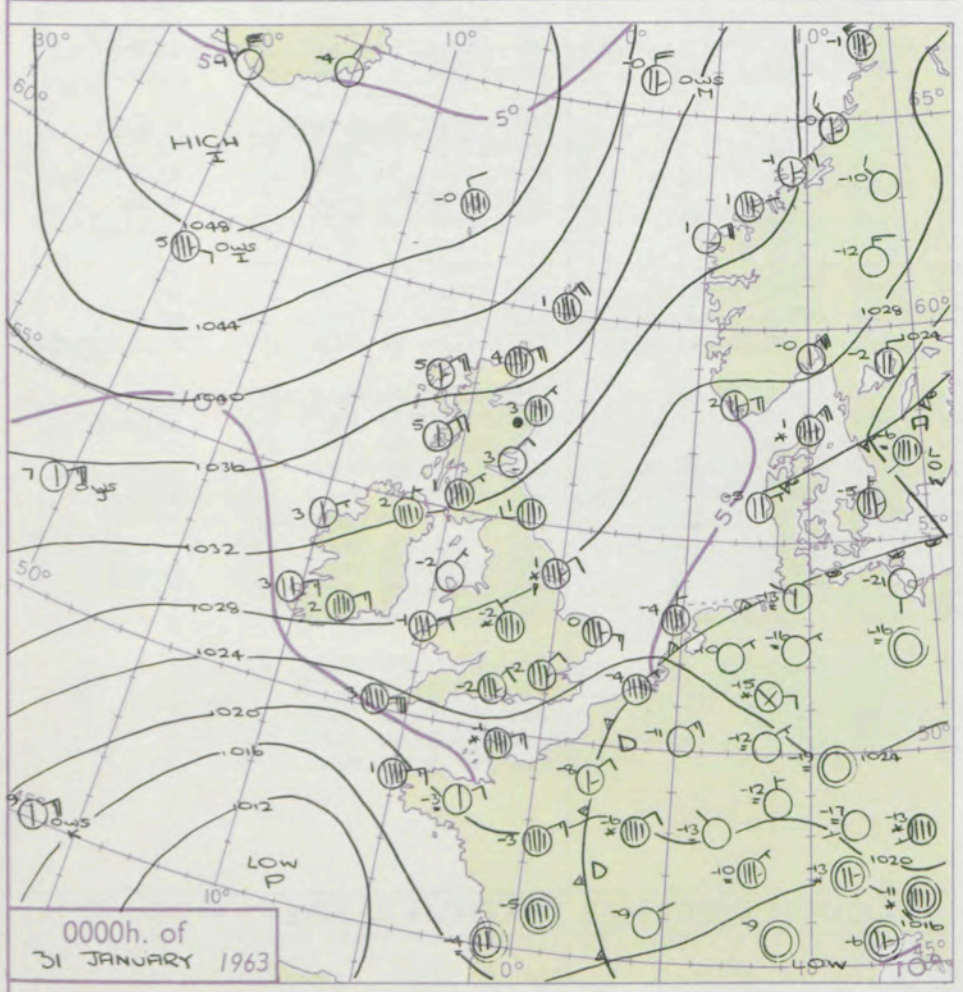
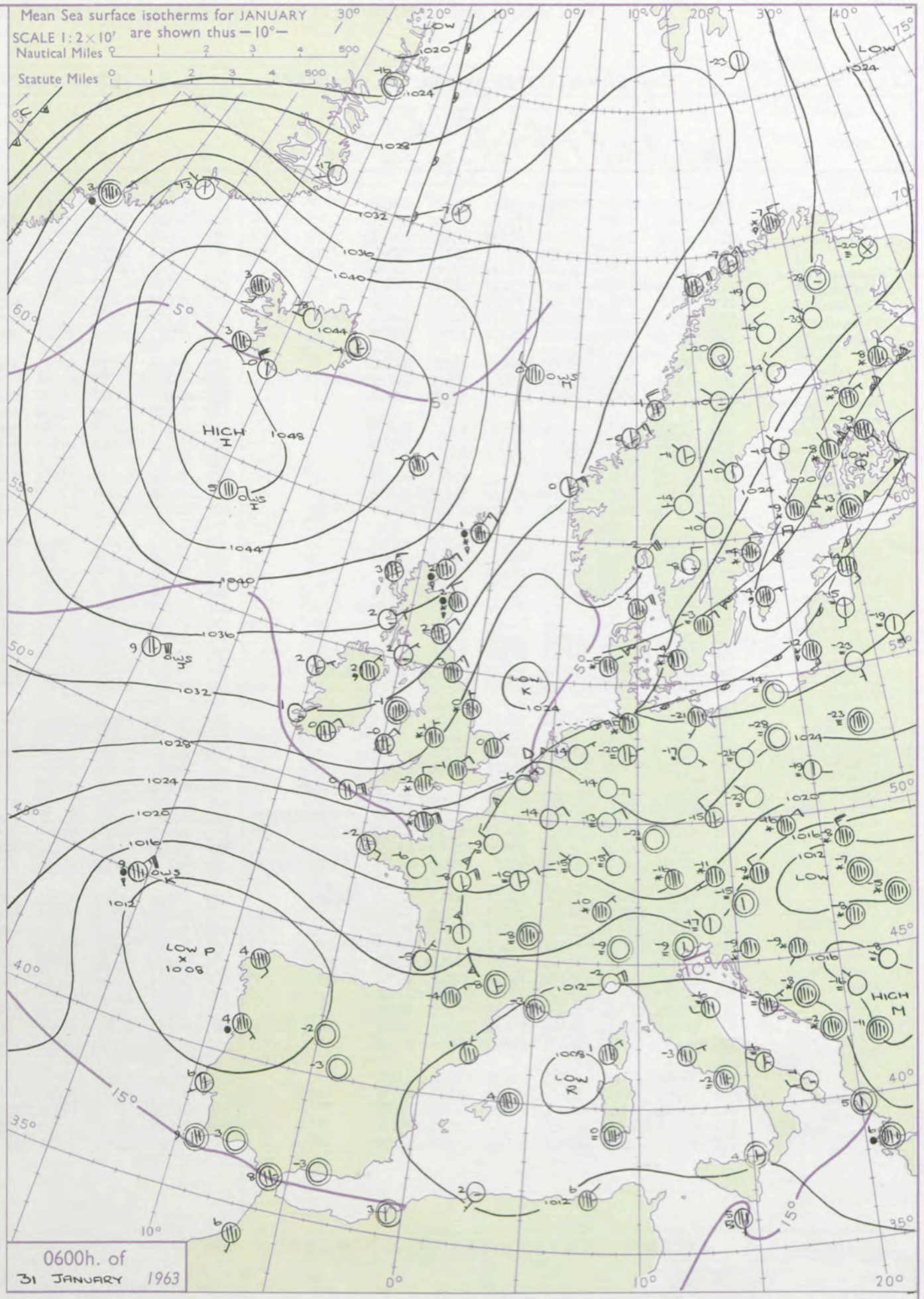
ND
Wind
speed
(knots)
Calm
1–2
3–7
8–12
13–17
additional
er add
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 31 January 1963

A depression over the western English Channel moved away southwestwards, while another small system over the North Sea moved slowly south. Pressure remained high near Iceland. The low over the North Sea is expected to move slowly south and later southwest as a weak trough. The anticyclone near Iceland will shift a little westwards as a new depression forms over the Norwegian Sea.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Snow at times over much of England and Wales, but more showery over Scotland and Northern Ireland with bright periods in the west at first. More general rain is possible in the north of Scotland later spreading slowly south with snow on hills. Very cold over England and Wales with moderate frost at night. Cold over most of Scotland and Northern Ireland with slight frost in places.

OUTLOOK for following 24 hours

Rain in the north spreading south and turning to snow.

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

Code FM 11.A

OBSERVATIONS at 00h. 31 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			52					
London Airport	772	70210	58011	25652	756//	55801	87640		
Gatwick	776	80208	58707	25052	855//	55400	88626		
Thorney Island	871	80309	59227	25452	856//	55104	88623		
Hurn	862	70211	69037	25152	755//	56105	87727		
Guernsey	894	80620	63036	22400	855//	53113	88626		
Wattisham	590	83406	28717	25253	854//	54807	88619		
Gorleston	497	70914	60037	24700	755//	52709	87624		
Mildenhall	578	80108	48717	26051	855//	52609	82625	88632	
Cardington	559	83306	40717	26452	854//	53807	88618		
West Raynham	485	80415	58278	26451	855//	53502	88620		
Wittering	462	60210	48777	27051	654//	53604	83619	86636	
Boscombe Down	746	10607	60017	26453	15600	57107	81635		
Ross-on-Wye	627								
Bristol	628	40307	58041	27354	45600	55111	84635		
Aberporth	502	70710	40011	28151	755//	55313	87625		
Rhoose (Cardiff)	715	00818	66011	27153	00900	56221			
Plymouth	827	80420	48032	24350	855//	54220	88623		
Chivenor	707	80812	59037	26150	855//	53124	88628		
St. Mawgan	817	70519	50036	24200	754//	51125	83613	87615	
Culdrose	809	70827	66012	22601	755//	52231	87625		
Scilly	804	80823	56026	22203	864//	01234	88713		
Elmdon	534	83506	48701	27552	856//	53201	80630		
Shawbury	414	73508	48031	28652	756//	55605	87643		
Manchester	334	73306	28041	29850	756//	53102	87632		
Squires Gate	318	03607	19041	30152	00900	55301			
Valley	302	00105	58040	29952	00900	55110			
Ronaldsway	204	40912	61012	31001	48500	52209	81820	84628	
Carlisle	222	70000	58032	31601	755//	50210	84717	84622	86631
Watnall	354	80508	56031	27651	855//	52504	88625		
Spurn Head	396	70708	63858	27801	784//	51400	84815	87625	
Finningley	360	03609	61018	28650	00900	51400			
Dishforth	261	03308	40051	29952	00900	53301			
Tynemouth	262	82708	37051	30401	864//	53400	88715		
Eskdalemuir	162								
Mull of Galloway	131	50110	82022	30803	55600	01400	85630		
Prestwick	135	80305	38046	31701	856//	00209	82630	86635	88650
Renfrew	141	62903	26016	32501	655//	00110	82625	85633	
Leuchars	171	10109	74015	31603	15600	01207	81630		
Dyce	091	80106	48601	33503	854//	02209	82704	85712	88618
Wick	075	80620	83218	35804	854//	51113	82615	88635	
Cape Wrath	049	80218	83026	36804	886//	02218	88830		
Sule Skerry	010	80218	66032	37205	864//	01206	88715		
Lerwick	005	80218	69268	36601	834//	50801	82910	88635	
Stornoway	026	30423	80018	38305	38500	02211	81822	83630	
Benbecula	022	70320	61838	36604	784//	02212	84817	87635	
Tiree	100	20318	82020	33605	28500	03205	82822		
Aldergrove	917	83605	69031	31902	856//	50308	88638		
Malin Head	980	80415	74031	32606	856//	03502	88641		
Belmullet	976	20607	74030	33303	25600	00206	82635		
Birr	965	30206	70021	30501	35600	00211	83636		
Collinstown	969	80909	66022	30702	864//	52213	88717		
Rineanna	962	10514	66011	30201	15600	51012	81635		
Roches Point	952	80515	69021	27702	855//	52222	88624		
Valentia	953	40715	72021	28703	45600	52125	84630		

OBSERVATIONS at 06h. 31 January 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	70712	60027	25451	755//	56201	87520		
London Airport	772	80411	56227	26051	754//	53002	81617	88630	
Gatwick	776	80410	61707	25452	856//	55202	81710	88632	
Thorney Island	871	70309	62227	25551	755//	54804	83621	87633	
Hurn	862	83610	66717	25152	874//	53706	88712		
Guernsey	894	80614	60717	24051	855//	53106	88626		
Wattisham	590	80106	60017	25853	855//	55806	88625		
Gorleston	497	80403	60022	26000	855//	51808	88624		
Mildenhall	578	40102	59707	26452	45600	53805	84630		
Cardington	559	80107	56707	26851	856//	53702	88637		
West Raynham	485	83504	48718	26351	854//	52810	88618		
Wittering	462	83606	56717	27251	855//	52806	88620		
Boscombe Down	746	30410	60227	26552	356//	54400	83635		
Ross-on-Wye	627	80105	57022	27450	864//	54803	88715		
Bristol	628	30308	62017	27352	35600	54707	83635		
Aberporth	502	70108	48011	29450	756//	51802	87645		
Rhoose (Cardiff)	715	80612	66011	27351	855//	53805	88623		
Plymouth	827	83610	61031	26652	856//	55007	88634		
Chivenor	707	80505	62021	27551	855//	54801	88626		
St. Mawgan	817	70315	64031	27253	756//	56010	87634		
Culdrose	809	30317	69011	25953	35600	56211	83630		
Scilly	804	40618	61021	25600	45500	53111	84620		
Elmdon	534	83607	48717	27651	855//	51202	88620		
Shawbury	414	83511	40041	29052	856//	54706	83640	88657	
Manchester	334	70000	56027	28951	756//	53806	81630	87657	
Squires Gate	318	73609	40041	29301	1563/	51814	81635	87358	
Valley	302	80000	56041	30651	856//	53806	88640		
Ronaldsway	204	43508	62268	30702	38530	00809	81820	83628	
Carlisle	222	80307	56606	31202	5557/	01806	82711	85625	88459
Watnall	354	80404	48717	27951	855//	53807	88620		
Spurn Head	396	83606	48717	26700	864//	51714	88715		
Finningley	360	83410	58031	27850	856//	53812	88644		
Dishforth	261	83605	37221	28251	874//	52713	88711		
Tynemouth	262	80215	58028	29203	855//	02809	88620		
Eskdalemuir	162	80208	57026	32101	856//	51400	82710	88638	
Mull of Galloway	131	30518	74016	31803	35600	01707	83630		
Prestwick	135	10205	62016	32802	15600	00103	81645		
Renfrew	141	30411	82015	33803	355//	51102	81630	83650	
Leuchars	171	70312	66038	32902	785//	50500	81822	83632	86656
Dyce	091	83509	37848	34202	884//	50704	81710	84818	88630
Wick	075	80211	80808	36102	885//	51802	84820	88640	
Cape Wrath	049	83624	16908	37702	865//	01400	88720		
Sule Skerry	010	83613	81028	37903	865//	99703	88720		
Lerwick	005	80113	74838	36301	834//	51808	82910	84623	88650
Stornoway	026	73615	74022	39103	785//	50101	81820	87632	
Benbecula	022	70213	74028	38203	785//	51004	82822	87645	
Tiree	100	10512	82030	36003	18500	00105	81820		
Aldergrove	917	80107	66501	32502	855//	00705	88620		
Malin Head	980	10312	82011	34305	15600	01004	81640		
Belmullet	976	30703	74028	33402	32500	01500	83820		
Birr	965	10304	70011	32351	15600	51002	81636		
Collinstown	969	83104	69037	31601	855//	51804	85620	88645	
Rineanna	962	10406	56100	32351	15500	52203	81623		
Roches Point	952	70212	74021	30500	756//	53208	87630		
Valentia	953	10702	74010	31401	15600	52107	81635		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONV TA °C
Kew	775	97525	53	is_o	is_o	40
London Airport	772	91525	53	s_os_o	$s_os_ois_o$	39
Gatwick	776	91536	56	$is_os_os_o$	s_os_o	38
Thorney Island	871	97525	55	is_o	is_o	37
Hurn	862	97536	55	+	s_os_o	36
Guernsey	894	91526	52	s_os_o	s_os_o	35
Wattisham	590	93547	61	$is_os_os_o$	is_o	34
Gorleston	497	95525	54	is_o	+	33
Mildenhall	578	97526	54	$s_os_ois_o$	$is_os_os_o$	32
Cardington	559	01546	55	$s_os_or_os_o$	s_os_ois	31
West Raynham	485	01527	58	ph_ops_o	$ps_os_os_o$	30
Wittering	462	91526	54	sh	s_os_o	29
Boscombe Down	746	97546	57	+	is_o	28
Ross-on-Wye	627	97537	55	+	is_o	27
Bristol	628	97547	55	is_o	$s_os_ois_os_os_o$	26
Aberporth	502	00525	56	+	+	25
Rhoose (Cardiff)	715	00537	55	+	+	24
Plymouth	827	00523	55	+	+	23
Chivenor	707	97533	56	r_os_o	+	22
St. Mawgan	817	00543	54	+	+	21
Culdrose	809	97533	54	+	+	20
Scilly	804	00511	//	+	+	19
Elmdon	534	95536	56	$is_os_os_o$	s_os_o	18
Shawbury	414	97537	55	+	ps_o	17
Manchester	334	97525	53	is_o	+	16
Squires Gate	318	91526	56	+	$r_or_os_os_o$	15
Valley	302	97533	56	+	ir_o	14
Ronaldsway	204	97515	53	+	$ps_opr_os_o$	13
Carlisle	222	95001	52	ir_o	ir_oph_o	12
Watnall	354	91536	53	ps_o	$ps_os_os_o$	11
Spurn Head	396	01507	//	$ps_os_os_o$	$s_os_or_os_o$	10
Finningley	360	97515	52	ps_o	ps_o	9
Dishforth	261	97525	54	+	is_oir_oish	8
Tynemouth	262	01012	50	+	pr_os_o	7
Eskdalemuir	162	03507	50	$r_or_oir_o$	$r_or_ois_ois$	6
Mull of Galloway	131	00011	//	/	/	5
Prestwick	135	97513	55	ir_o	ir_o	4
Renfrew	141	97003	51	fir_o	id_o	3
Leuchars	171	98011	50	pr_os_o	$pr_opr_os_o$	2
Dyce	091	01006	52	ir_o	$pr_os_oprspsps_o$	1
Wick	075	94001	50	$pr_or_or_o$	pr_oph_o	0
Cape Wrath	049	97011	55	ir_o	$ph_oir_os_o$	−1
Sule Skerry	010	91021	01	/	/	−2
Lerwick	005	91005	51	ps_o	$ph_ops_ois_o$	−3
Stornoway	026	97021	01	+	pr_os_o	−4
Benbecula	022	92021	00	$pr_opr_os_o$	+	−5
Tiree	100	00021	51	+	+	−6
Aldergrove	917	97005	53	+	$id_od_od_o$	−7
Malin Head	980	00041	02	/	/	−8
Belmullet	976	01001	54	/	/	−9
Birr	965	97525	56	/	/	−10
Collinstown	969	97013	51	/	/	−11
Rineanna	962	97553	56	/	/	−12
Roches Point	952	97513	54	/	/	−13
Valentia	953	00003	53	/	/	−14
						−15
						−16
						−17
						−18
						−19
						−20
						−21
						−22
						−23
						−24
						−25
						−26
						−27
						−28
						−29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33000	51520	76022	41206	58500	00002	/////	/////	00105	11556	1////
B	50565	51000	82517	63858	23556	824//	00219	88815	/////	06959	14912	1////
C	50528	35500	61120	69022	28209	25530	00112	82625	86360	00307	11045	1////
D	50440	41000	83227	69216	20008	885//	00210	86820	/////	05705	13349	1////
I	50589	19300	70809	98032	47505	756//	00303	87638	/////	05751	10871	14914
J	50527	20400	20625	98258	35807	29500	11310	82930	/////	05602	10659	1////
K	50450	16100	23024	70018	18609	28500	11618	81820	/////	05704	10244	13243
M	53659	01800	53621	65028	37050	59400	00608	83910	/////	06254	13544	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A												
B	50565	51006	42009	65028	27455	44500	00219	84620	/////	06761	14913	1////
C	50528	35506	81122	69022	29609	80871	00112	88358	/////	00506	11146	1////
D	50440	41006	83225	63808	22007	825//	00002	88820	/////	05905	13349	1////
I	50589	19306	60709	98012	48105	65600	00102	86635	/////	05700	10722	14913
J	50528	29906	50729	98258	35509	52500	21201	85825	/////	05303	10736	10548
K	50451	15906	60124	70808	13809	68500	11831	83820	85631	05703	10245	13253
M	53658	01906	83312	70262	35400	89411	00709	84915	/////	06155	13333	1////

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