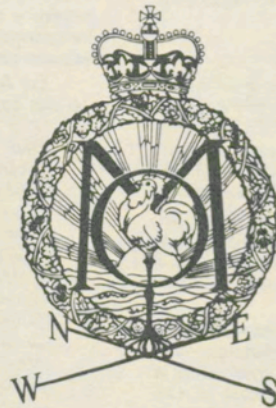


THE DAILY WEATHER REPORT

(INTRODUCTION)



1st October to 31st December, 1963

Stations published in the Daily Weather Report



METEOROLOGICAL OFFICE
Bracknell, Berkshire

I. 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.

4. EXPLANATION OF CODES AND SPECIFICATIONS

CODE FM IIA—Land Stations											
N dd ff		VV ww W		PPP TT		N _h CL h CM CH		T _d T _d a pp		8N _s C h _{sh}	
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). CL = Form of low cloud (Table 6). h = Height above ground of base of cloud (Table 9). CM = Form of Medium Cloud (Table 7). CH = Form of high cloud (Table 8).		T _d T _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} = Height of base of cloud (Table 12).	
CODE FM 2IA—Ships											
YQL ₁ L ₂ L ₃		L ₀ L ₁ L ₂ GG		D _s v _s a pp		O T _s T _s T _d T _d		I d _{wdw} P _w H _w		RR T _x T _x E RR T _n T _n E	
Y = Day of the week. Q = Octant of the Globe (0 = west, 3 = east). L ₁ L ₂ L ₃ = Latitude in degrees and tenths.		L ₀ L ₁ L ₂ = 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 _s T _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 _d T _d = Dew point temperature in whole degrees Celsius.		I = Indicator figure. d _{wdw} = 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 _{wdw} 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.		RR = Rainfall (Table 18) (Code 3577) (09h–21h). T _x T _x = Maximum temperature in whole degrees Celsius (09h–21h). T _n T _n = Minimum temperature in whole degrees Celsius (21h–09h). T _g T _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).	

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_{wdw}) corresponding to compass directions (Codes 0877 and 0885)

Direction	Exact	Code	Direction	Exact	Code
(Compass equivalent Points)	(in degrees)	(dd)	(Compass equivalent Points)	(in degrees)	(dd)
Calm	—	00	S'W.	191½	19
N'E.	11½	01	SSW.	202½	20
NNE.	22½	02	SW'S.	213½	21
NE'N.	33½	03	SW.	225	23
NE.	45	05	SW'W.	236½	24
NE'E.	56½	06	WSW.	247½	25
ENE.	67½	07	W'S.	258½	26
E'N.	78½	08	W.	270	27
E.	90	09	W'N.	281½	28
E'S.	101½	10	WNW.	292½	29
ESE.	112½	11	NW'W.	303½	30
SE'E.	123½	12	NW.	315	32
SE.	135	14	NW'N.	326½	33
SE'S.	146½	15	NNW.	337½	34
SSE.	157½	16	N'W.	348½	35
S'E.	168½	17	N.	360	36
S.	180	18			

Waves confused, direction indeterminate (waves equal to or less than 4½ metres) ... 49

Variable, direction indeterminate (waves greater than 4½ metres) ... 99

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

3. NOTES

- Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.
- Rainfall.**—Tr. : = There has been precipitation, but amount less than 0.05 mm.
- 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.
- 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.
- 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.

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

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

First Code Figure	0	1	2	Second Code Figure					7	8	9
				3	4	5	6				
				MILES							
5	3½	*	*	*	*	*	3½	†	5		
6	6½		7½	8½			10		11½		
7	12½		13½	15			16½		17½		
8	18½		25	31½			37½		43½	Over 43½	
				YARDS							
9†	<55	55	220	550	1,100	2,200	2½	6½	12½	31 or over	
				YARDS							
F	<11	11	22	33	44	55	66	77	88	99	

In the range 01–50 the figures give actual visibility in tenths of kilometres, or half furlongs. This table gives the meanings of higher code figures. The decade F.0–F.9 is used, in this publication only, to give visibilities of less than 110 yards. † Values not given may be obtained by interpolation. * Code figures not used. ‡ Decade 90–99 is used when visibility cannot be determined with sufficient accuracy to justify lower code figures.

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

0 = Cloud covering ½ or less of the sky throughout the appropriate period.	3 = Sandstorm, duststorm or blowing snow.
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.	4 = Fog, ice fog or thick haze.
2 = Cloud covering more than ½ of the sky throughout the appropriate period.	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.	30-39 Duststorms, Sandstorms, drifting or blowing snow.	30	Slight or moderate duststorm or sandstorm.	has decreased during preceding hour. no appreciable change during preceding hour. has increased during preceding hour.	70-79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes.	slight at time of observation. moderate at time of observation. heavy at time of observation.													
	01	Clouds generally dissolving or becoming less developed.			31				Severe duststorm or sandstorm.	no appreciable change during preceding hour. has increased during preceding hour.		71	Continuous fall of snow flakes.											
	02	State of sky on the whole unchanged.			32							Slight or moderate drifting snow.	generally low.	72	Intermittent fall of snow flakes.									
	03	Clouds generally forming or developing.			33									Heavy drifting snow.	generally high.	73	Continuous fall of snow flakes.							
	04	Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.			34											Slight or moderate blowing snow.	74	Intermittent fall of snow flakes.						
	05	Haze			35												Heavy blowing snow.	75	Continuous fall of snow flakes.					
	06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation			36													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.	76	Ice prisms (with or without fog).				
	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.			37														Fog or ice fog in patches.	77	Snow grains (with or without fog).			
	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.			38															Fog or ice fog, sky discernible.	78	Isolated starlike snow crystals (with or without fog).		
	09	Duststorm or sandstorm within sight of the station or at the station during the last hour.			39																Fog or ice fog, sky not discernible.	79	Ice pellets type (a).	
	10	Mist.		40	Fog or ice fog, sky not discernible.	80-90 Showery precipitation	80	Rain shower(s), slight.																
	11	Shallow fog or ice fog, in patches.		41			Fog or ice fog, sky discernible.	81	Rain shower(s), moderate or heavy.															
	12	Shallow fog or ice fog, more or less continuous.		42				Fog or ice fog, sky not discernible.	82	Rain shower(s), violent.														
	13	Lightning visible, no thunder heard.		43					Fog or ice fog, sky discernible.	83	Shower(s) of rain and snow, slight.													
	14	Precipitation within sight, not reaching the ground or the surface of the sea.		44						Fog or ice fog, sky not discernible.	84	Shower(s) of rain and snow, moderate or heavy.												
	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.		45							Fog or ice fog, sky discernible.	85	Snow shower(s), slight.											
	16	Precipitation within sight reaching the ground or the surface of the sea near to but not at the station.		46								Fog, depositing rime, sky discernible.	86	Snow shower(s), moderate or heavy.										
	17	Thunder heard but no precipitation at time of observation.		47									Fog, depositing rime, sky not discernible.	87	Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed.									
	18	Squalls.		48										Precipitation with current or recent thunderstorm	88	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.								
19	Funnel cloud(s)†	49	91-99 Precipitation with current or recent thunderstorm	89											Slight rain at time of observation.									
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).	50-59 Drizzle at time of observation.	50									Drizzle, not freezing, intermittent.	slight at time of observation. moderate at time of observation. heavy (dense) at time of observation.	91	Slight rain at time of observation.	thunderstorm during the preceding hour, but not at time of observation.					
	21	Rain (not freezing).				51	Drizzle, not freezing, continuous.								Moderate or heavy rain at time of observation.									
	22	Snow.				52	Drizzle, not freezing, intermittent.	Slight snow, rain and snow mixed, or hail at time of observation.																
	23	Rain and snow or ice pellets type (a).				53	Drizzle, not freezing, continuous.		Moderate or heavy snow, rain and snow mixed or hail at time of observation.															
	24	Freezing drizzle or freezing rain.				54	Drizzle, not freezing, intermittent.			Thunderstorm, slight or moderate, without hail but with rain and/or snow at time of observation.														
	25	Shower(s) of rain.				55	Drizzle, not freezing, continuous.				Thunderstorm, slight or moderate, with hail at time of observation.													
	26	Shower(s) of snow, or of rain and snow.				56	Drizzle, freezing, slight.					Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation.												
	27	Shower(s) of hail, or of hail and rain.				57	Drizzle, freezing, moderate or heavy (dense).						Thunderstorm combined with duststorm or sandstorm at time of observation.											
	28	Fog or ice fog.				58	Drizzle and rain, slight.							Thunderstorm, heavy, with hail at time of observation.										
	29	Thunderstorm (with or without precipitation).	59			Drizzle and rain, moderate or heavy.	99											Thunderstorm, heavy, with hail at time of observation.						
			60-69 Rain at time of observation.		60	Rain, not freezing, intermittent.										slight at time of observation. moderate at time of observation. heavy at time of observation.								
					61	Rain, not freezing, continuous.																		
					62	Rain, not freezing, intermittent.																		
					63	Rain, not freezing, continuous.																		
					64	Rain, not freezing, intermittent.																		
					65	Rain, not freezing, continuous.																		
					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.																				
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.																								

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† Tornado cloud or water spout.

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

Table 6.—Code for form of Low Cloud (CL) (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 (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 (CM) (Code 0515)

- 0 = No altostratus, 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 = Altostratus, 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 altostratus, 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 altostratus in bands or altostratus in one more or less continuous layer progressively invading the sky: these altostratus clouds generally are growing denser as a whole. The layer may be opaque or may consist of two or more sheets.
- 6 = Altostratus resulting from the spreading out of cumulus.
- 7 = Any one of the following cases:—
(a) Altostratus in two or more layers, usually opaque in places and not progressively invading the sky.
(b) Opaque layer of altostratus not progressively invading the sky.
(c) Altostratus together with altostratus or nimbostratus or both.
- 8 = Altostratus with sprouts in the form of small towers or battlements, or altostratus having the appearance of cumuliform tufts.
- 9 = Altostratus, generally at several levels, in a chaotic sky: dense cirrus is usually also present.
- / = Altostratus, 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 (CH) (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 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

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 CL reported, h refers to this cloud. If, however, there is no cloud of Form CL and there is cloud of Form CM h refers to this cloud.

When there is cloud at several levels below 8,000 ft., N₁ and h refer to the lowest layer covering more than 1/2 of the sky. If, however, there is no layer of more than 1/2 then N₁ and h refer to the lowest layer which is not exceeded by any other layer present. When the same form of cloud CL is present at more than one level, N₁ refers to the total amount of the cloud form reported for CL at all levels, while h refers to the height of cloud form CL 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.	atmospheric pressure now higher than 3 hrs. ago.
2 = Increasing (steadily or unsteadily).	
3 = Decreasing or steady, then increasing ; or increasing, then increasing more rapidly.	
4 = Steady, atmospheric pressure the same as 3 hrs. ago.	
5 = Decreasing, then increasing ; atmospheric pressure the same as or lower than 3 hrs. ago.	
6 = Decreasing, then steady ; or decreasing, then decreasing more slowly.	atmospheric pressure now lower than 3 hrs. ago.
7 = Decreasing (steadily or unsteadily).	
8 = Steady or increasing, then decreasing ; or decreasing, then decreasing more rapidly.	

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

0 = Cirrus (Ci).
1 = Cirrocumulus (Cc).
2 = Cirrostratus (Cs).
3 = Alto cumulus (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 ($h_s h_z$) (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.	6 ... Ice, snow or melting snow covering more than one-half of ground (but not completely).
1 ... " moist.	7 ... Ice, snow or melting snow covering ground completely.
2 ... " wet.	8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).
3 ... " frozen.	9 ... Loose dry snow, dust or sand covering ground completely.
4 ... Glaze on ground but no snow or melting snow.	
5 ... Ice, snow or melting snow covering less than one-half of ground.	

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 $d_w d_{w'}$
0 = < $\frac{1}{2}$	<1	0 = 5
1 = $\frac{1}{2}$	1 $\frac{1}{2}$	1 = 5 $\frac{1}{2}$
2 = 1	3	2 = 6
3 = 1 $\frac{1}{2}$	5	3 = 6 $\frac{1}{2}$
4 = 2	6 $\frac{1}{2}$	4 = 7
5 = 2 $\frac{1}{2}$	8	5 = 7 $\frac{1}{2}$
6 = 3	9 $\frac{1}{2}$	6 = 8
7 = 3 $\frac{1}{2}$	11	7 = 8 $\frac{1}{2}$
8 = 4	13	8 = 9
9 = 4 $\frac{1}{2}$	14	9 = 9 $\frac{1}{2}$
/ = 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 1 $\frac{1}{2}$ m. and 1 $\frac{3}{4}$ m. (4 ft. and 5 $\frac{1}{4}$ ft.).

(ii) Waves whose heights are greater than 9 $\frac{3}{4}$ 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.	l = lightning.
f = fog, visibility 220 yards. or more but less than 1,100 yards.	p = shower(s).
F = thick fog, visibility less than 220 yards.	r = rain.
h = hail.	s = snow.
ks = storm of drifting 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 $\frac{1}{8}$ covered. ⊖ Sky $\frac{2}{8}$ covered. ⊕ Sky $\frac{3}{8}$ covered. ⊗ Sky $\frac{4}{8}$ covered. ⊘ Sky $\frac{5}{8}$ covered. ⊙ Sky $\frac{6}{8}$ covered. ⊖ Sky $\frac{7}{8}$ Covered. ⊕ Sky $\frac{8}{8}$ 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.		Occluded Front
	Warm Front above the ground.		Warm Occlusion.
	Cold Front on the surface.		Cold Occlusion.
	Cold Front above the ground.		Stationary Occlusion.
	Stationary Front.		Lines of Frontogenesis.
	Axis of trough.		

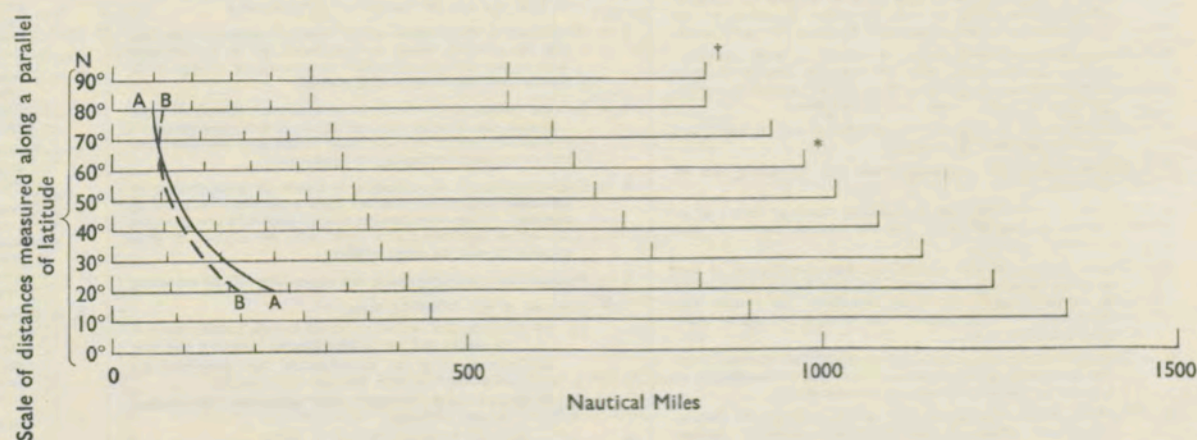
Short strokes across the frontal line indicate Frontolysis.

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.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 96

MONTHLY SUMMARY

For DECEMBER 1963

COLD AND VERY DRY

Cold winds from between southeast and east affected the British Isles until 13th with high pressure to the north and east of the country and low pressure to the southwest. On 14th, however, the main anticyclonic cell became centred to the northwest of Scotland and until 20th north to northeast winds covered the British Isles. On 21st and 22nd pressure rose very strongly over the Continent and with depressions moving north-northeast towards southeast Iceland southwest winds gradually extended their influence across the British Isles from the northwest bringing mild weather to all parts of the country by Christmas Day. From then until the end of the month a sequence of ridges and troughs crossed the British Isles from the southwest.

Most parts of the country were affected by cloud and rain on 1st but whilst this cloudiness persisted during the next few days rainfall was slight and very scattered. Temperatures reached to near or slightly above the seasonal average. Western counties of England had sunny intervals on 5th and it became a little less mild in southern England with frost in places at night.

On 7th it was sunny on southern coasts and in East Anglia but it continued cloudy with occasional rain in northern counties and slight snow showers fell in northern Scotland. Fog affected some parts of southern England on 8th and in the west of England, in places where this persisted all day, temperatures remained near freezing. Parts of Scotland and northern England were also foggy on 9th and 10th but it remained dry, although few places had any sunshine.

Drizzle and rain from the Atlantic moved across from the west on 11th to affect all of southern and central England and Wales and it became mild temporarily in southwest England. In central and eastern parts of England and in Scotland, light snow showers were general on 13th after widespread frost overnight in inland areas, but most places had some sunshine. Showers persisted on 14th in central and

eastern counties of England and in Scotland but rainfall was scattered and slight and this pattern of rather cold and mainly dry weather changed little during the next few days. It was sunny in much of southern England on 14th and 15th but these areas also were affected by cloud and wintry showers on 16th and 17th. Sunshine returned to southern England on 18th and to other parts of the country on 19th but temperatures remained low and few places on 19th had day maximum temperatures more than a degree or two above freezing.

Day and night frosts were widespread during the next few days and most places had long sunny intervals. By 23rd it was less cold in the extreme west but this rise in temperature was slow to affect eastern districts of England and Scotland when it was cloudy with fog in places.

By 25th milder weather moved across all districts from the west and maximum temperatures rose by as much as ten centigrade degrees. Some parts of northern England had sunshine on Boxing Day but in most other areas of England and in Wales the cloudy rainy weather continued for much of the day with fog forming after the rain had cleared. During the following three days much of England was affected by fog with temperatures around the seasonal average whilst Scotland remained mild with occasional showers and periods of more general rain or drizzle. Fog cleared and during the remainder of the month it became generally mild, with periods of rain heavy at times in northern England and Scotland but with only small amounts of rain in central and southern England.

Gorleston on the east coast of England reported a mean maximum temperature slightly above average but in all other parts of the United Kingdom it was a cold month. Minimum temperatures of -13.5°C (24 Fahrenheit degrees of frost) at Elmdon and -10°C at Dishforth created new low records. Sunshine was unremarkable in general although Manchester and Aldergrove were favoured in particular. Rainfall amounts were unusually small and several places reported lowest recorded December totals.

PLACE	TEMPERATURE										SUNSHINE								RAINFALL										Days with thunder	Days with snow or sleet	Days with fog (Vis. < 220 yds at 09 h.)		
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days with grass minimum below 0° C.	No. of air frosts	Days of no sunshine	Maximum duration Hrs.	Date	Total for month Hrs.	% of average	Highest and lowest totals on record for month					Days of no rainfall (0.1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.)	Date	Total for month mm.	% of average	Highest and lowest totals on record for month							
																First year of record	Highest	Year	Lowest	Year						First year of record	Highest	Year				Lowest	Year
Kew	05.4	-1.5	01.8	-1.4	09.2	29	-05.4	24	18	09	17	06.3	15	043	107	1880	072	1886	0.3	1890	20	07	25	017	033	1866	162	1914	06	1926	00	03	01
Thorney Island	05.4	-2.6	00.8	-1.7	10.1	02	-04.6	21	20	15	13	06.9	18	059							22	11	25	026	036								
Gorleston	07.5	+0.7	02.1	-1.0	09.8	02	-03.0	21	13	07	10	05.0	23	054	115	1908	079	1962	016	1959	16	04	18	026	047	1914	104	1960	12	1932	00	07	01
Cardington	04.9	-00.6			10.3	29	-09.5	24	20	17	13	06.3	20	057							23	05	25	010	023								
Boscombe Down	04.4	-2.4	-00.1	-2.0	10.1	29	-06.5	21	20	16	14	06.9	21	046	087	1932	091	1962	020	1956	18	07	25	021	027	1931	204	1934	11	1933	00	01	02
Ross-on-Wye	04.9	-2.2	-00.5	-3.4	10.6	29	-08.7	23	18	11	16	06.9	21	047	092	1914	078	1948	026	1956	22	06	11	025	036	1859	197	1929	11	1926	00	01	02
Rhoose (Cardiff)	05.2		01.1		10.4	29	-06.1	21	15	13	18	06.8	19	043							22	15	11	053	059								
Plymouth	06.8	-2.3	02.2	-2.9	12.7	02	-03.9	21	16	11	09	05.7	(c)	053	096	1921	082	1946	027	1927	21	13	24	056	049	1948	212	1959	19	1953	00	01	00
Elmdon	04.7	-1.8	-00.7	-3.0	09.5	29	-13.5*	24	18	17	15	04.9	12	044	113	1928	058	(a)	019	1956	20	03	01	012	020	1933	118	1948	08	1933	00	04	03
Valley	07.0	-1.5	02.1	-2.3	10.6	01	-04.4	20	17	10	08	06.4	20	077	193	1913	080	1960	015	1931	24	07	30	017*	019	1946	156	1959	39	1953	00	02	00
Manchester	05.3	-1.1	00.8	-1.1	09.9	30	-06.9	20	15	11	07	06.1	22	053	189	1945	061	1962	016	1947	23	03	(a)	011	016	1929	140	1929	08	1933	00	03	00
Watnall	04.5	-1.4	00.7	-1.2	08.5	30	-08.7	24	19	13	14	05.2	20	034	097	1934	062	1961	012	1956	20	11	24	019	032	1911	145	1915	08	1939	00	02	02
Dishforth	04.8	-1.4	00.3	-1.8	10.5	30	-10.0*	21	16	12	11	06.7	22	039	103	1945	061	1946	021	1956	15	09	24	023*	041	1947	088	1959	26	1962	00	03	00
Tynemouth	05.8	-1.0	03.1	-0.5	10.8	30	-04.6	25	13	08	14	05.4	20	032	094	1936	059	1962	015	1947	22	09	17	029	048	1864	155	1915	04	1905	00	06	01
Eskdalemuir	04.1	-0.7	-00.4	-1.1	08.9	02	-07.2	21	20	14	12	06.1	19	043	119	1910	063	1961	003	1912	21	21	29	055	035	1910	339	1932	37	1933	00	07	01
Renfrew	06.1	-0.3	01.1	-0.9	11.2	27	-06.6	20	17	14	19	05.6	(d)	027	096	1921	046	1938	009	1956	21	11	29	034	032	1920	230	1929	15	1933	00	04	01
Leuchars	05.7	-0.6	01.2	-0.7	10.9	30	-05.7	25	18	15	10	06.0	19	048	109	1921	066	1929	016	1934	21	04	24	013	024	1921	127	1959	08	1926	00	03	01
Dyce	05.0	-0.8	00.9	-0.5	10.8	30	-07.3	22	21	17	12	05.3	26	037	086	1925	067	1951	020	(b)	17	05	19	027*	033	1946	127	1958	40	1949	01	09	00
Stornoway	06.9	-0.3	02.2	-1.4	11.1	27	-04.9	20	16	09	12	05.3	13	027	113	1880	054	1935	006	1884	10	11	30	058*	056	1942	214	1949	72	1943	00	06	00
Aldergrove	05.9	-0.9	01.2	-1.6	10.6	27	-06.6	20	14	10	12	06.3	19	052	145	1927	070	1935	017	1954	24	06	01	015*	017	1926	145	1929	28	1926	00	03	00

* New Record

(a) 1929, 1957, 1961
(b) 1934, 1959

(c) 19, 20, 21
(d) 19, 20

(a) 30, 31
*New lowest record

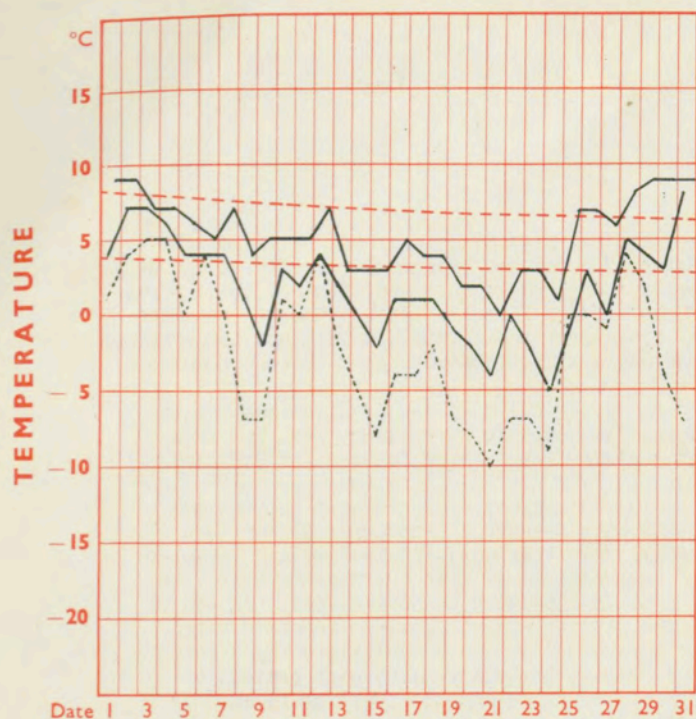
Corrections to Monthly Summary No. 95 November, 1963

Ross-on-Wye:- total rainfall 145
Dishforth:- maximum duration of sunshine 7.6
Gorleston:- No. of air frosts 01

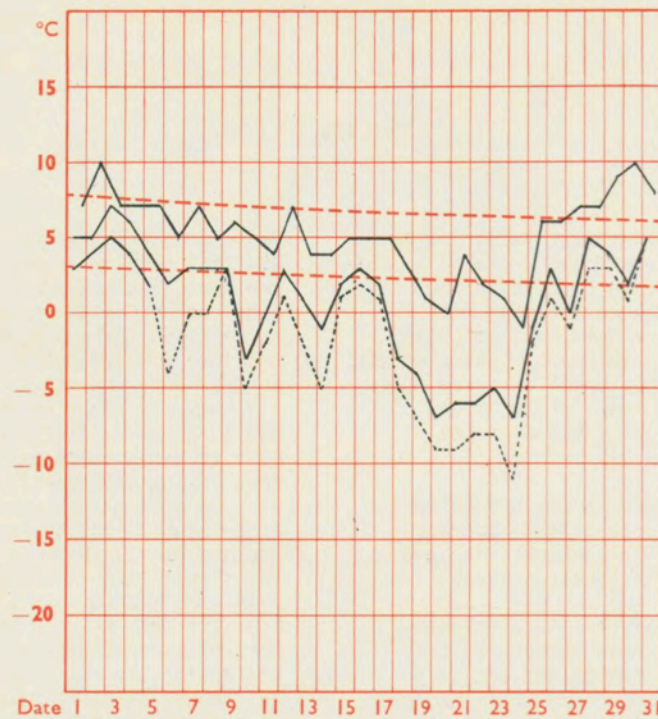
Watnall:- days of fog 02
Valley:- Maximum rainfall 16 on 07
Dyce:- Dates of highest maximum 02, 11

Stornoway:-
Aldergrove:- Dates of highest maximum 04, 05
Maximum rainfall 24

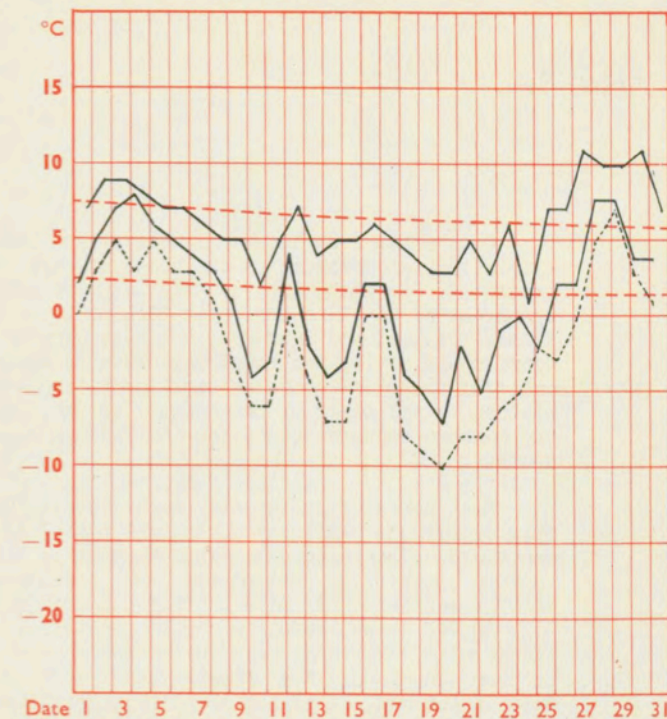
LONDON (Kew)



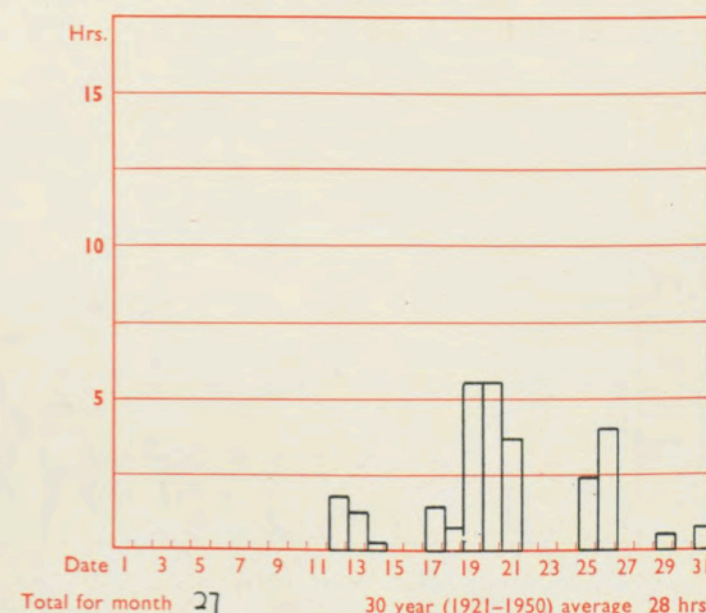
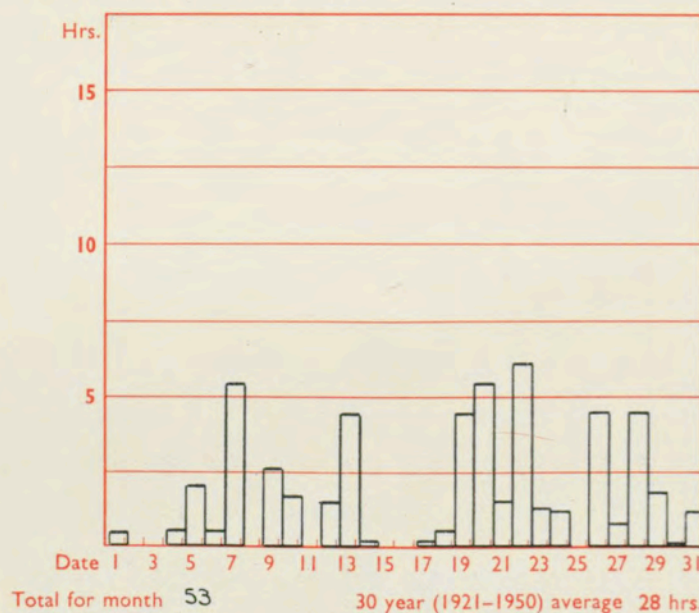
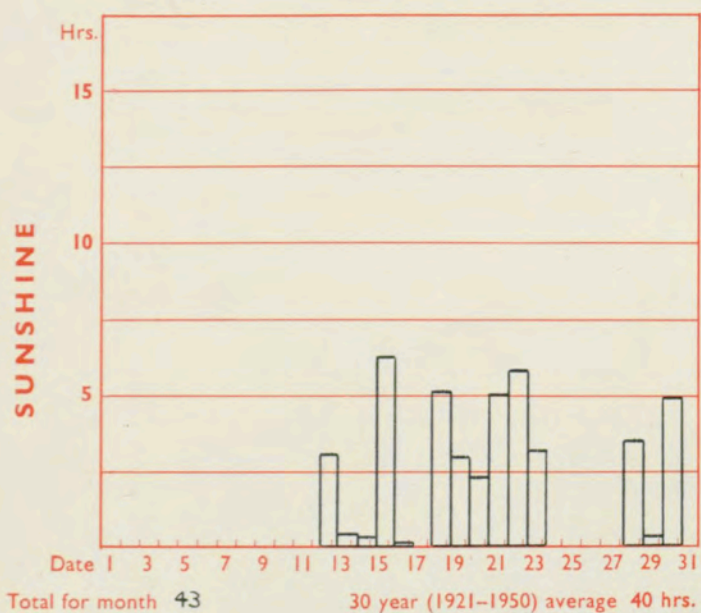
MANCHESTER (Airport)



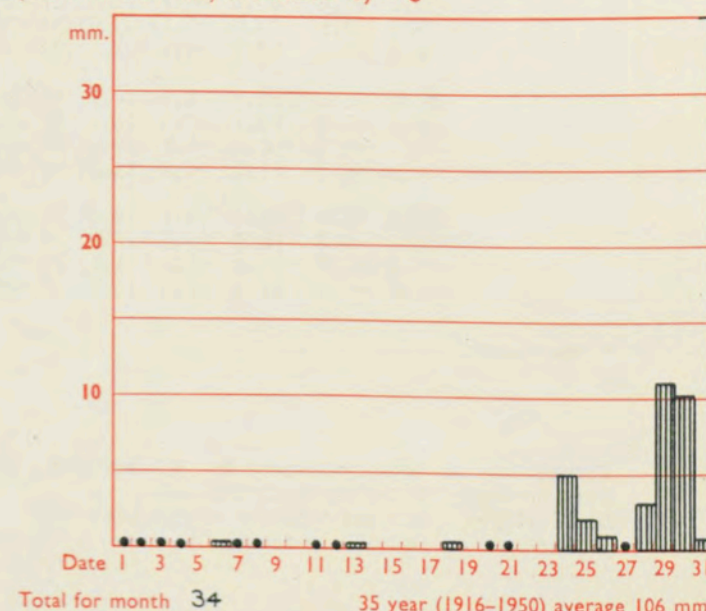
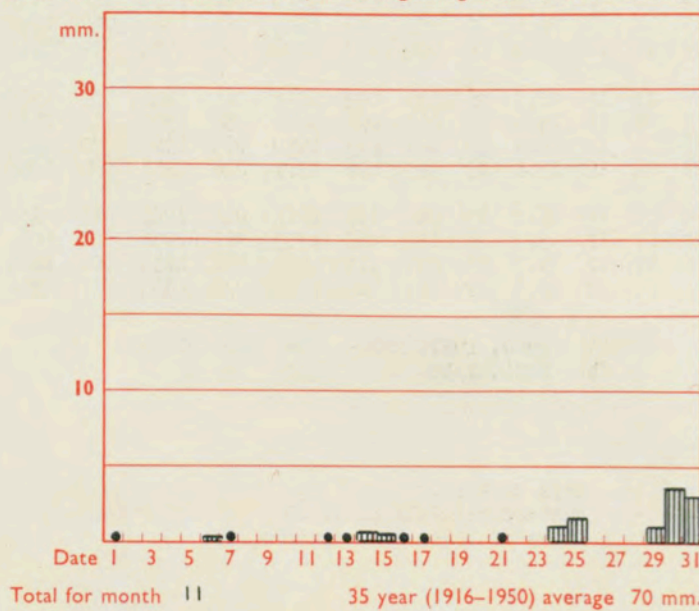
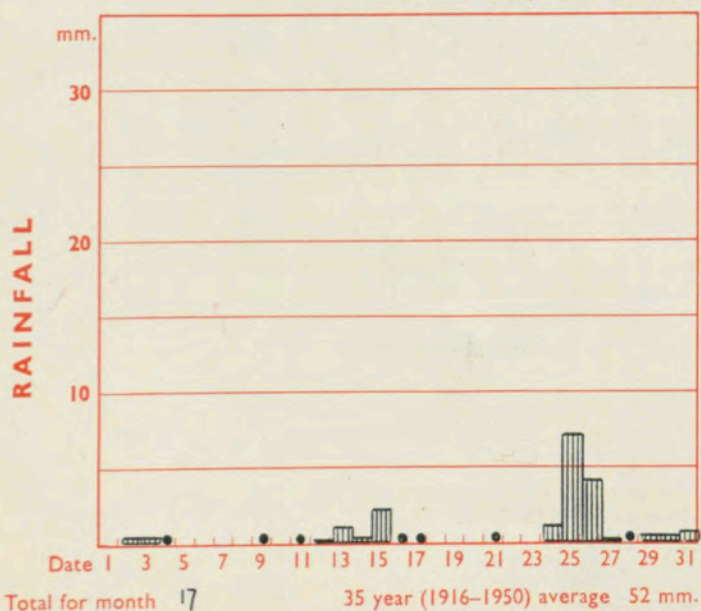
GLASGOW (Renfrew)



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.



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 "•"



DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

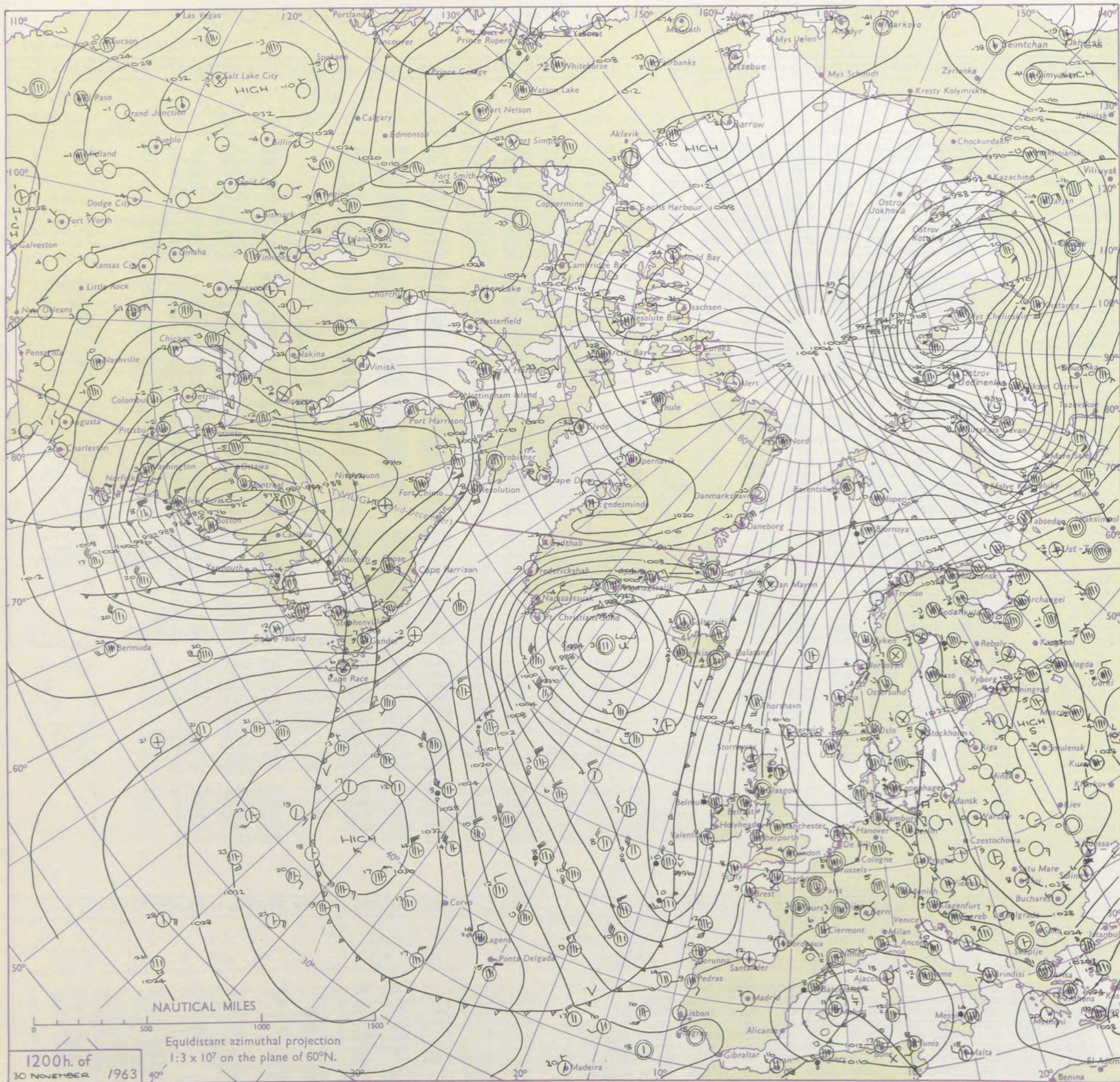
No. 37264

Date of Issue Sunday 1 December 1963

VERSION
BLE
° F

Code FM II.A		OBSERVATIONS at 12h. 30 November 1963										OBSERVATIONS at 18h. 30 November 1963										OBSERVATIONS during DAY				
Station		ill	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT	T _s E	SSs	WEATHER		
																								09h.—15h.	15h.—21h.	
Kew	775	80000	09444	14004	855//	03820	85707	88625			775	81206	09444	11006	6577/	04709	86656	88362		775	00061	000	ff		ff	
London Airport	772	80901	09042	14304	855//	03817	81704	86710	88625		772	81006	14044	11205	854//	04712	81615	88635		772	97061	000	ff		ff	
Gatwick	776	80602	11102	14304	857//	03816	82709	88650			776	81006	19102	11605	757//	04708	87650		776	00061	000	+		+		
Thorney Island	871	70808	48012	13507	5553/	05719	81625	85657	85365		871	81307	69032	10807	854//	05708	86618	88625		871	00091	007	+		+	
Hurn	862	70405	28601	12905	756//	04821	85712	86640			862	81312	59036	09309	854//	06715	84618	88640		862	02091	///	ir _o		r _o r _o ir _{ir}	
Guernsey	894	62208	70036	12109	5853/	04714	84820	83640			894	31611	81016	09607	32400	03611	83818		894	97101	030	ir _o		+		
Wattisham	590	80000	08515	14606	861//	06712	86702	88704			590	81702	14285	12105	854//	05607	88615		590	97061	///	id _o d _o ddff		ff		
Gorleston	497	81506	40606	15509	855//	07711	88620				497	81805	40106	12608	855//	08711	88620		497	01092	000	ir		ir		
Mildenhall	578	80000	11515	14107	872//	06715	86704	88705			578	81303	14105	11906	855//	06607	83706	88622		578	95071	000	d _o d _o ff		+	
Cardington	559	80802	19515	14206	863//	05818	88706				559	81003	17105	11205	863//	05711	88709		559	93061	000	id _o r _o d _o d _o		id _o		
West Raynham	485	81105	07506	14107	862//	07718	86703	88706			485	81803	07605	11606	861//	06706	88702		485	01071	000	ffrrd _o d _o		ffid _o d _o ir _o		
Wittering	462	80000	23506	14905	854//	05717	84707	88616			462	91202	06456	11705	910//	05713	89101		462	92061	000	ir _o id _o		id _o ff		
Boscombe Down	746	70805	37051	14705	757//	04811	81707	87656			746	81107	28216	10705	854//	05615	82618	88638		746	01061	028	+		ir _o rr	
Ross-on-Wye	627	81002	24052	13402	863//	01718	88708				627	80804	24052	08704	863//	03722	88708		627	93051	000	+		ir _o		
Bristol	628	80805	37052	13203	855//	01717	86705	88620			628	80908	48602	08605	855//	05716	84707	88626		628	01061	000	+		ir _o	
Aberporth	502	71612	48052	11305	757//	02726	87650				502	71413	56052	05805	757//	02730	87650		502	00051	003	+		+		
Rhoose (Cardiff)	715	80710	20052	12803	862//	02822	88704				715	81009	20106	07605	863//	05621	88707		715	97061	000	ir _o		ir _o		
Plymouth	827	83206	14616	10907	5742/	06824	85711	88550			827	71008	17806	07105	785//	05718	84828	86635		827	01081	005	r _o r _o		pr _o	
Chivenor	707	71303	40216	11605	755//	04823	85625	87635			707	61208	40012	07105	663//	04718	83706	86710		707	91061	000	d _o r _o		+	
St. Mawgan	817	61306	61021	11107	68500	04722	81825	86650			817	61412	69031	05805	48501	02727	82825	83650	85070	817	97081	042	+		pr _o	
Culdrose	809	52104	81031	11307	42436	03722	84818	83270			809	71812	78258	05208	755//	01729	83708	87620		809	97080	062	+		pr _o	
Scilly	804	61812	82031	10208	51406	02726	85816	84275			804	61622	83012	03109	58402	02739	83816		804	95101	041	+		pr		
Elmdon	534	81205	23505	13905	862//	05718	86704	88707			534	81106	17105	10505	862//	04714	85705	88708		534	97051	000	id _o		+	
Shawbury	414	81002	10102	13305	863//	04720	88708				414	81102	12102	09504	863//	04719	88708		414	00061	000	+		+		
Manchester	334	60806	56041	13407	65600	02720	86645				334	81102	28046	09806	854//	03817	85613	88640		334	97071	003	+		r _o r _o	
Squires Gate	318	71207	22052	13506	757//	04722	87656				318	81109	19042	09205	856//	04720	88638		318	00070	000	+		+		
Valley	302	10902	58042	11507	15600	04722	81640				302	30909	58040	07604	35700	02718	83650		302	00081	042	+		+		
Ronaldsway	204	71421	59042	12407	42438	04815	82818	83825	86270		204	71322	56042	07907	785//	04718	83820	86640		204	00081	015	+		+	
Carlisle	222	70706	37051	15204	7563/	01813	87638				222	80707	48052	11205	855//	03720	83625	88637		222	00051	002	+		+	
Watnall	354	80805	12602	14205	855//	05821	88628				354	81005	02506	10805	872//	05715	83703	88705		354	97051	000	ir _o id _o		id _o ff	
Spurn Head	396	80903	08626	14208	855//	08715	88620				396	81510	24606	11408	5642/	08711	85710	88557		396	04082	000	ir _o ir _{ir}		ir _o	
Finningley	360	80000	04586	14505	855//	05719	82710	88625			360	80902	06516	11406	872//	05610	83703	88705		360	91061	000	ffir _o d _o r _o		d _o r _o ffFF	
Dishforth	261	80000	14284	14905	854//	04819	81710	86618	88625		261	83205	07506	11005	872//	05615	84704	88707		261	93051	000	ffid _o d _o d _o DRDR		id _o ffid _o FF	
Tynemouth	262	81406	16284	15806	856//	05714	88630				262	81015	61028	11608	856//	07714	88630		262	01081	000	ff		pr		
Eskdalemuir	162	71502	62035	14604	756//	01816	87632				162	81207	59052	11504	854//	02713	84706	88618		162	00051	008	+		if	
Mull of Galloway	131	81815	60022	12207	863//	03722	88708				131	81621	60032	07807	864//	03720	88718		131	00081	///	/		/		
Prestwick	135	71210	56042	13104	6553/	02718	83628	86645			135	51008	58041	09603	25730	01709	82650	83360		135	00061	013	+		+	
Renfrew	141	70000	04425	13951	756//	05711	85706	87630			141	30907	10284	10801	35700	01714	83650		141	97041	000	FFid _o		ff		
Leuchars	171	70000	11406	14902	1573/	02714	81656	87359																		

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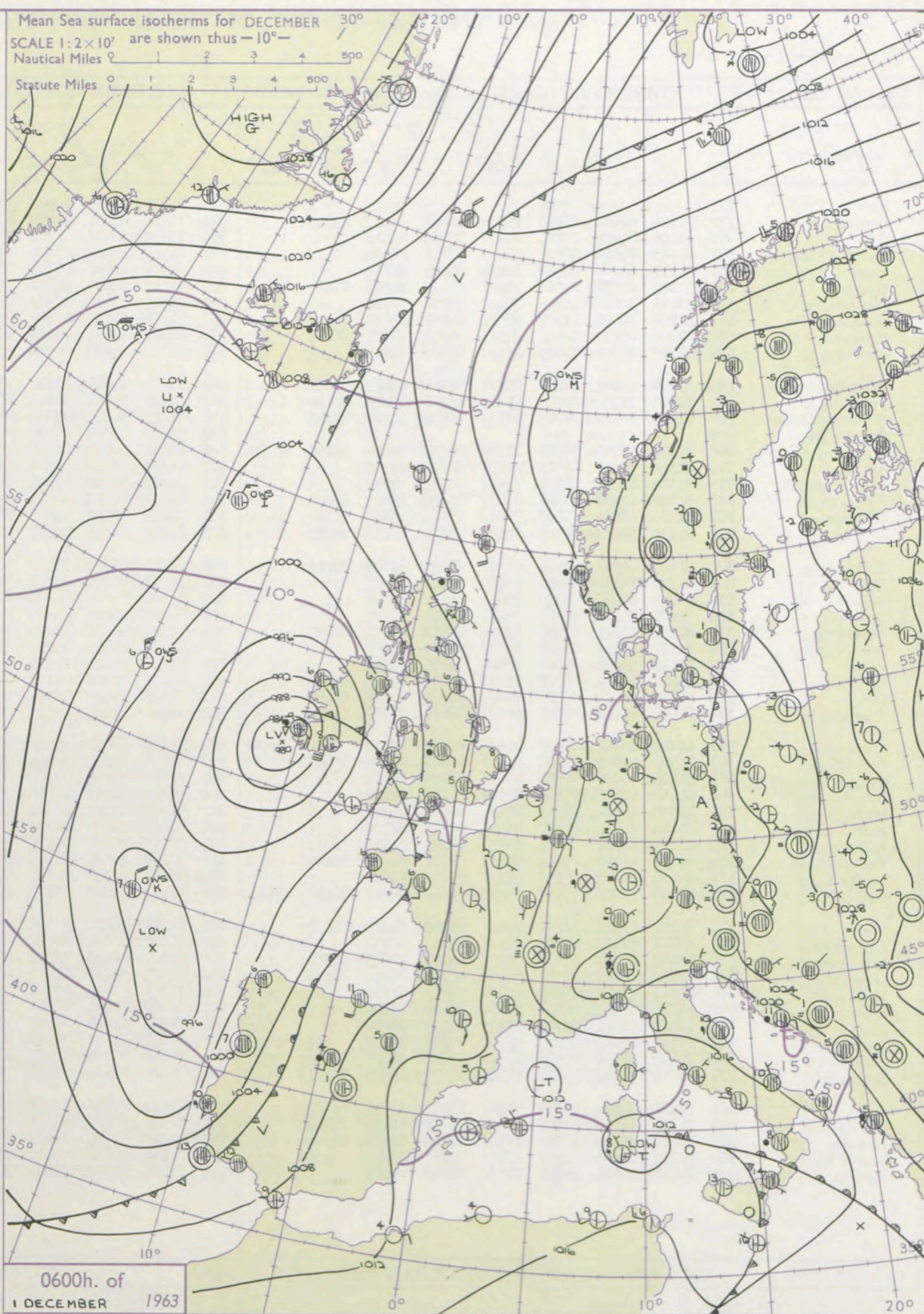
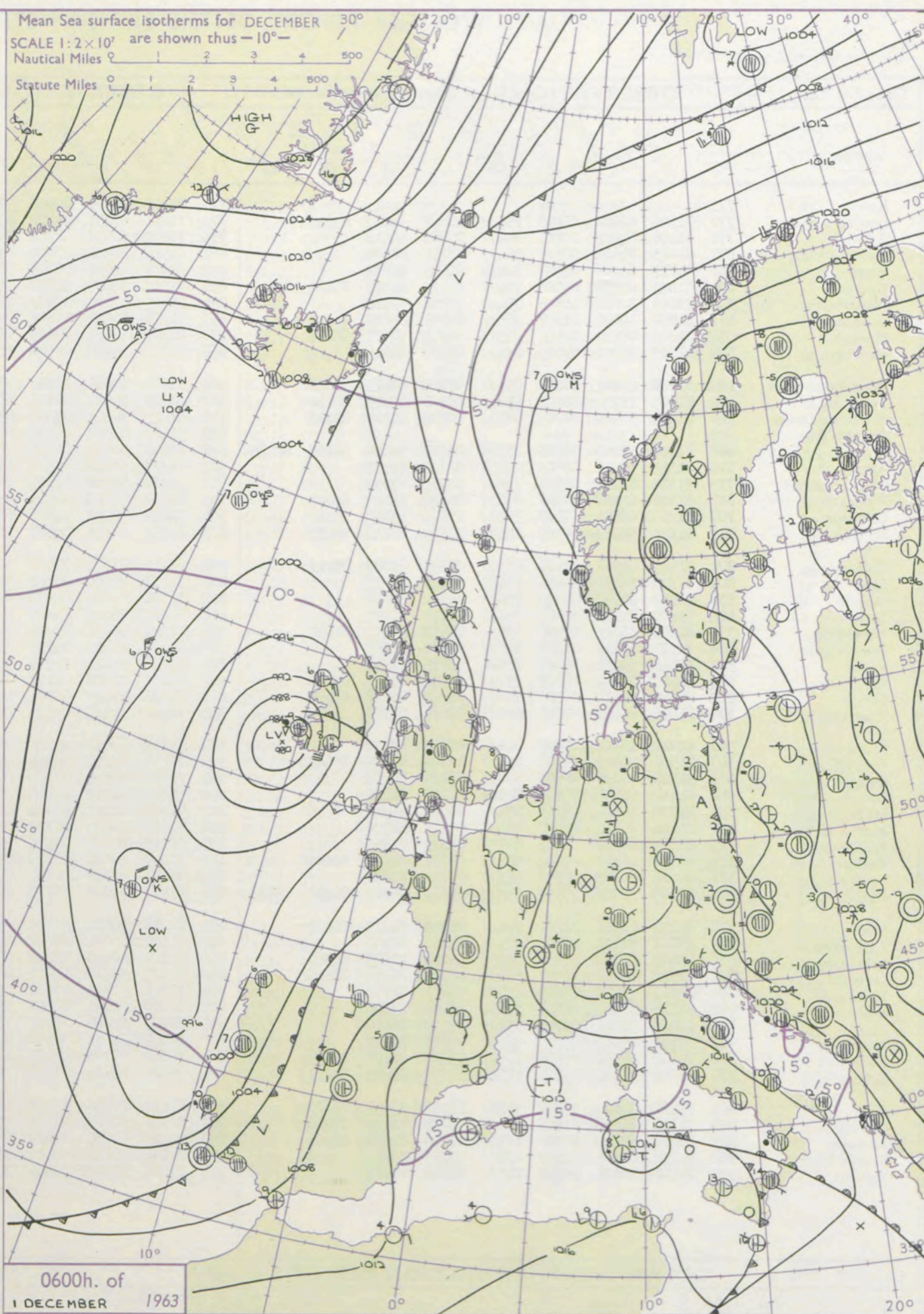
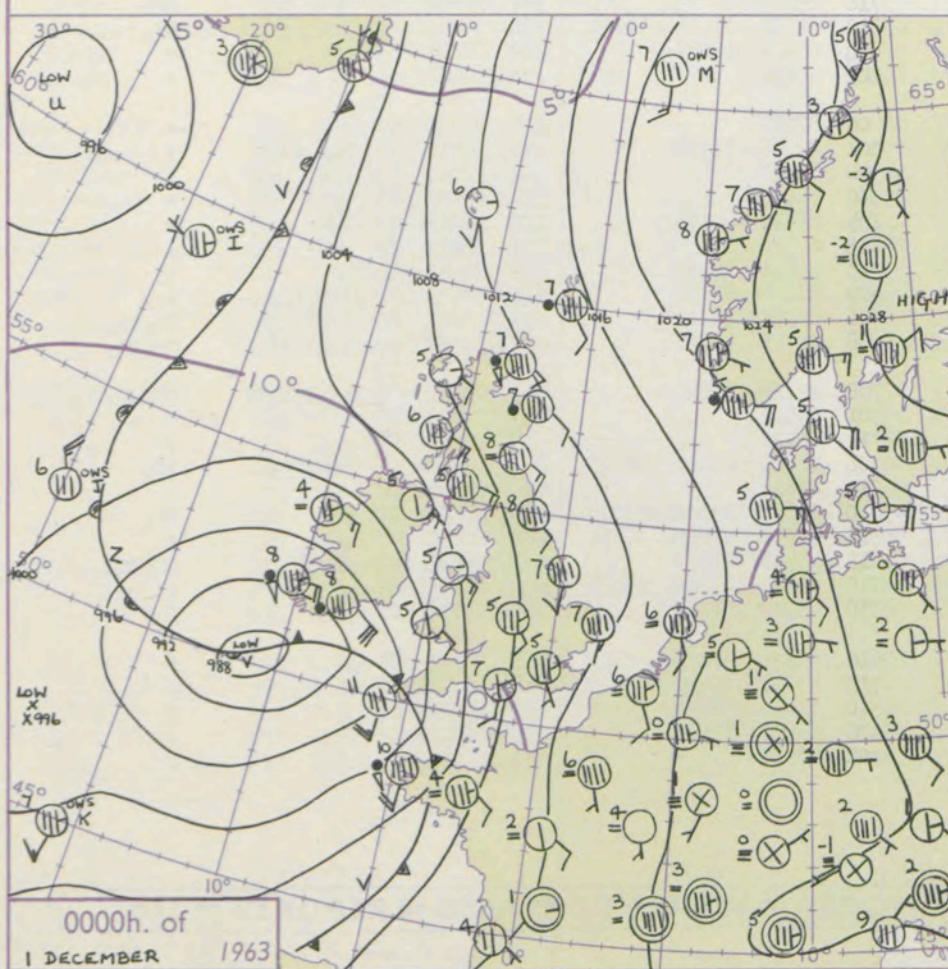
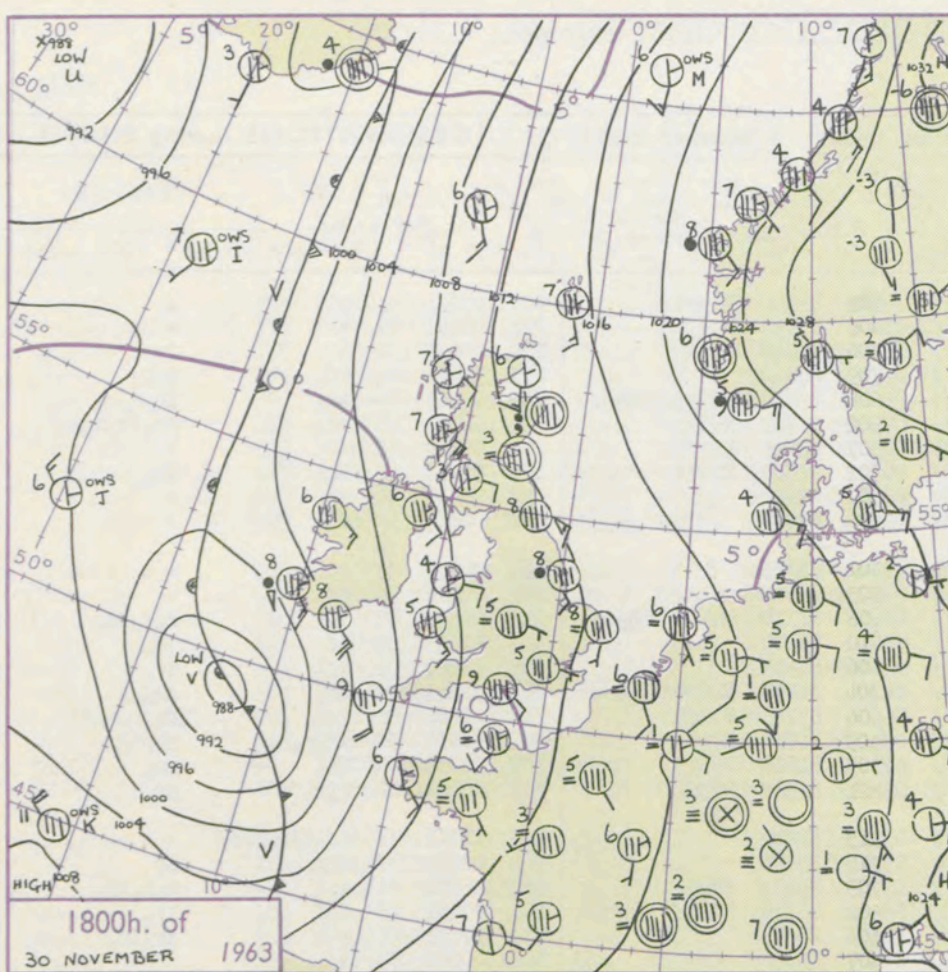
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 1 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The strong northwest jet in the central Atlantic will cause marked cyclogenesis west of Portugal with the formation of a slow moving cut-off. The upper pattern favours the development and extension southwards of the Greenland high while pressure will remain high over west Russia and Finland.

Western and central districts will have variable cloud and some rain or showers but also bright intervals and near normal temperatures. Eastern areas, except for northeast Scotland, will be dry but mostly cloudy though a few cloud breaks are likely with temperatures rather below normal. Northeast Scotland will have rain at times.

OUTLOOK for following 48 hours.

Occasional rain and near normal temperatures in the southwest. Elsewhere mostly dry and rather cold.

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

Code FM 11.A										OBSERVATIONS at 00h.										1 December 1963										OBSERVATIONS at 06h.										1 December 1963										OBSERVATIONS during NIGHT										CONV TA °C
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _s M _{CH}	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _s M _{CH}	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER		iii	RRT _n T _n E	T _g T _g	21h.—03h.	03h.—09h.																																
Kew	775			06						775	71309	62021	08405	55731	05602	85650	87358			775	97041	01	+	+		775	97041	01	+	+	40																													
London Airport	772	71506	48042	09405	75511	03607	86622	87640		772	71211	59031	08105	75611	03806	83640	87657			772	00041	01	+	+		772	00041	01	+	+	39																													
Gatwick	776	81406	61022	10105	85411	03606	88618			776	71210	62031	08705	75411	03804	83618	86650			776	00031	52	+	jp		776	00031	52	+	jp	38																													
Thorney Island	871	81613	74602	08608	85411	05711	88619			871	81516	74216	07408	85611	05709	88640			871	97071	04	ir _o	ir _o		871	97071	04	ir _o	ir _o	37																														
Hurn	862	31812	66016	08307	30940	04605	83362			862	81718	62016	06109	88411	05608	83818	86623	88640		862	95061	05	ir _o	ir _o r _o r _o		862	95061	05	ir _o	ir _o r _o r _o	36																													
Guernsey	894	71423	69258	06506	78411	04717	82708	85812	87640	894	71620	74808	04808	78411	07502	83709	86812			894	92061	05	pr _o	pr _o ir _o r _o r _o		894	92061	05	pr _o	pr _o ir _o r _o r _o	35																													
Wattisham	590	71608	32022	10506	75411	04706	87616			590	41605	30102	10903	25401	02307	82616	83075			590	00021	51	+	+		590	00021	51	+	+	34																													
Gorleston	497	81902	16216	11507	85511	06703	88620			497	71915	60036	11608	78511	06502	84820	87628			497	02062	03	ir _o	ir _o		497	02062	03	ir _o	ir _o	33																													
Mildenhall	578	81306	28052	10006	85511	04708	82707	88624		578	21307	58021	09604	25700	02302	82650			578	00031	00	+	+		578	00031	00	+	+	32																														
Cardington	559	81607	19052	09605	85411	04507	88614			559	71310	58032	08604	65531	02504	86620			559	00021	50	+	+		559	00021	50	+	+	31																														
West Raynham	485	81508	20106	10405	85511	05704	82620	88625		485	31509	32011	10103	25401	03301	82615			485	00021	51	+	+		485	00021	51	+	+	30																														
Wittering	462	81308	11104	10005	85611	04606	82709	88640		462	51206	56012	09103	55600	01503	85640			462	00021	00	ff	+		462	00021	00	ff	+	29																														
Boscombe Down	746	71407	50106	09205	68531	05506	84820	85645		746	81415	56616	07006	85411	05606	81710	84617	88624		746	02031	01	+	r _o r _o id _o		746	02031	01	+	r _o r _o id _o	28																													
Ross-on-Wye	627									627	81407	63022	04306	86411	03610	88710			627	91051	02	id	id _o		627	91051	02	id	id _o	27																														
Bristol	628	71108	58106	06305	25736	05712	82656	83365	87275	628	81417	62012	04206	85611	05606	88635			628	91051	01	id _o	ir _o		628	91051	01	id _o	ir _o	26																														
Aberporth	502	21312	58011	02605	20931	02722	82365			502	71317	58606	99507	65671	04304	84710	84630	86362		502	04041	01	ir _o	ir _o RR		502	04041	01	ir _o	ir _o RR	25																													
Rhoose (Cardiff)	715	71312	61211	04906	75611	04715	87635			715	71318	58218	02807	75511	06504	85706	87625			715	03061	04	ir _o	pr _o r _o r _o RR		715	03061	04	ir _o	pr _o r _o r _o RR	24																													
Plymouth	827	81325	62808	02508	88411	06828	85819	88630		827	72118	59808	01909	73411	07309	82710	87917			827	04081	02	pr _o r _o r _o	pr _o pr _o		827	04081	02	pr _o r _o r _o	pr _o pr _o	23																													
Chivenor	707	71214	66021	02407	35631	03732	83640	87360		707	71613	69258	01308	68431	07305	84818	85625			707	01031	01	ir _o	pr _o		707	01031	01	ir _o	pr _o	22																													
St. Mawgan	817	81330	56618	99307	65421	07735	86616	88458		817	61711	74256	00507	28631	05221	82840	86362			817	04051	04	r _o r _o pr	pr _o		817	04051	04	r _o r _o pr	pr _o	21																													
Culdrose	809	61920	40968	99406	63300	06735	85708	85915		809	62114	81039	99608	38536	03215	82820			809	11061	//	ir _o tlr _o phH	+		809	11061	//	ir _o tlr _o phH	+	20																														
Scilly	804	61825	58258	95411	58402	07625	84816			804	32217	81028	98109	32400	05210	83816			804	02081	//	irpr	pr		804	02081	//	irpr	pr	19																														
Elmdon	534	71412	28042	08005	75611	04712	87630			534	81211	59602	06504	85611	03709	85635	88656			534	95031	01	+	r _o r _o ir _o		534	95031	01	+	r _o r _o ir _o	18																													
Shawbury	414	71309	19505	06605	76411	04712	87712			414	81410	58605	05305	85411	03502	85713	86619	88630		414	97051	03	id _o	ir _o		414	97051	03	id _o	ir _o	17																													
Manchester	334	81108	56022	07506	85611	02712	85713	88640		334	71107	50031	06005	75711	02506	87656			334	97051	03	+	ir _o id _o		334	97051	03	+	ir _o id _o	16																														
Squires Gate	318	81313	40042	06905	85711	04710	88656			318	81313	48041	05005	85711	03507	88650																																												

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

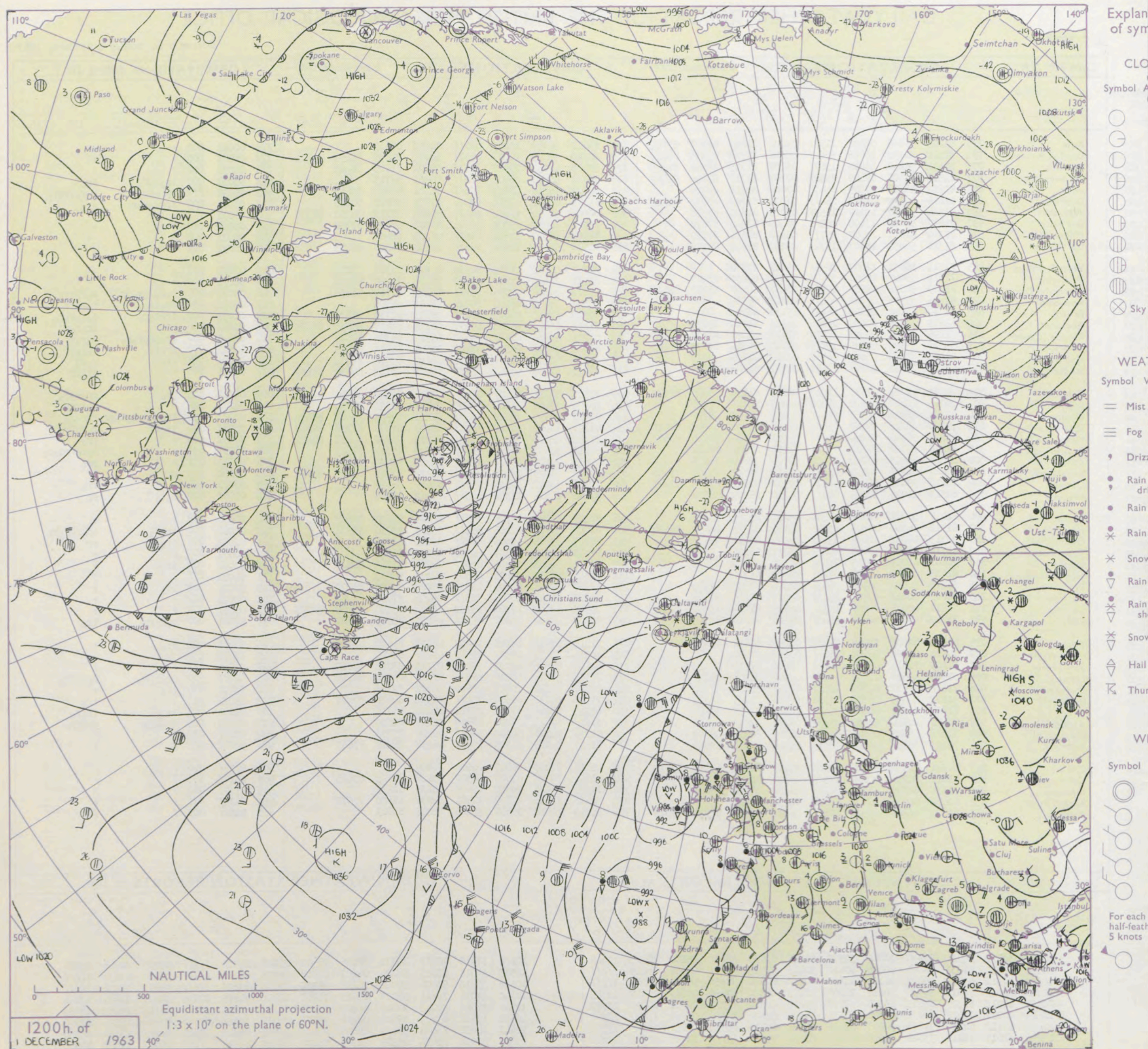
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Date of Issue Monday 2 December 1963

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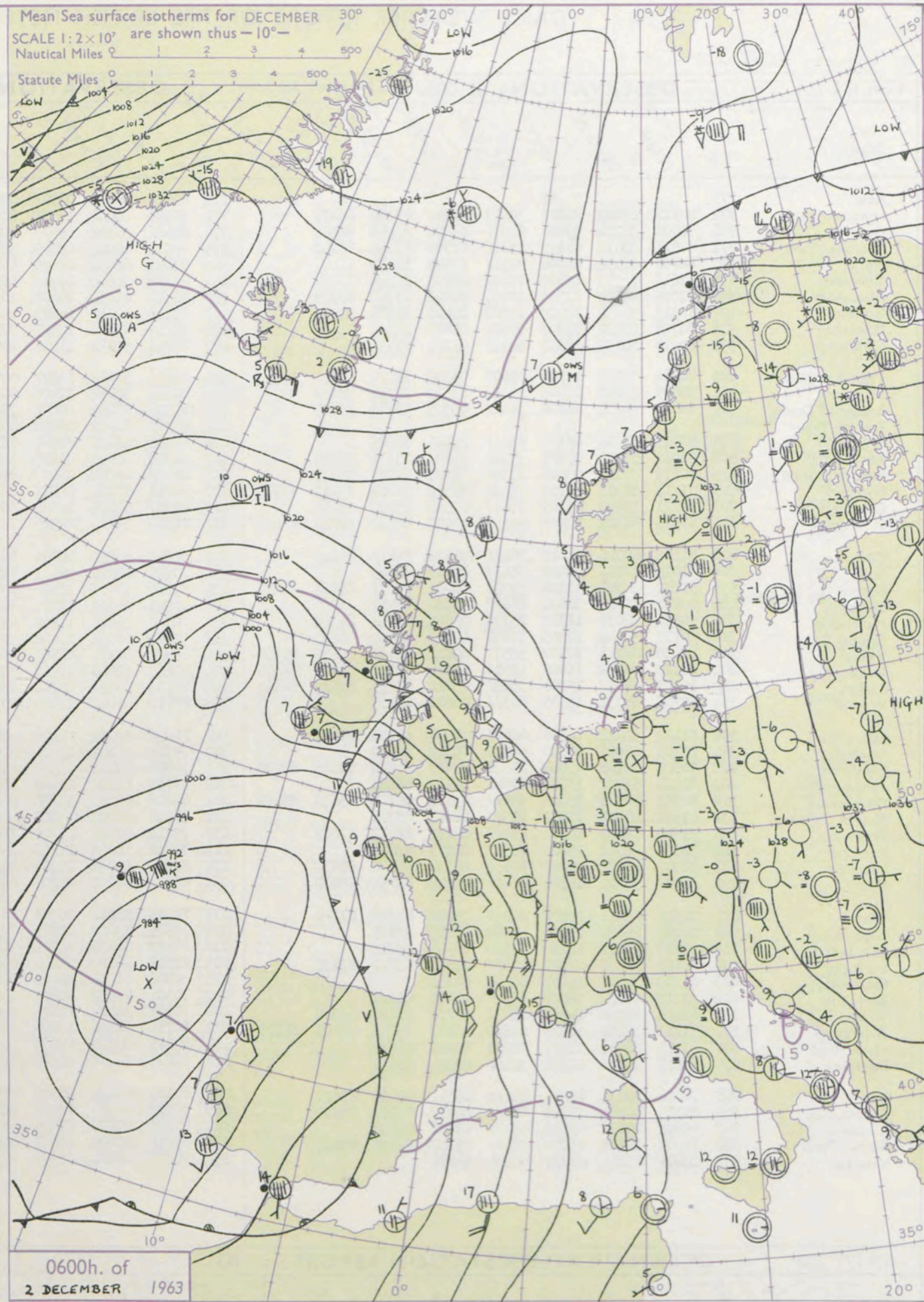
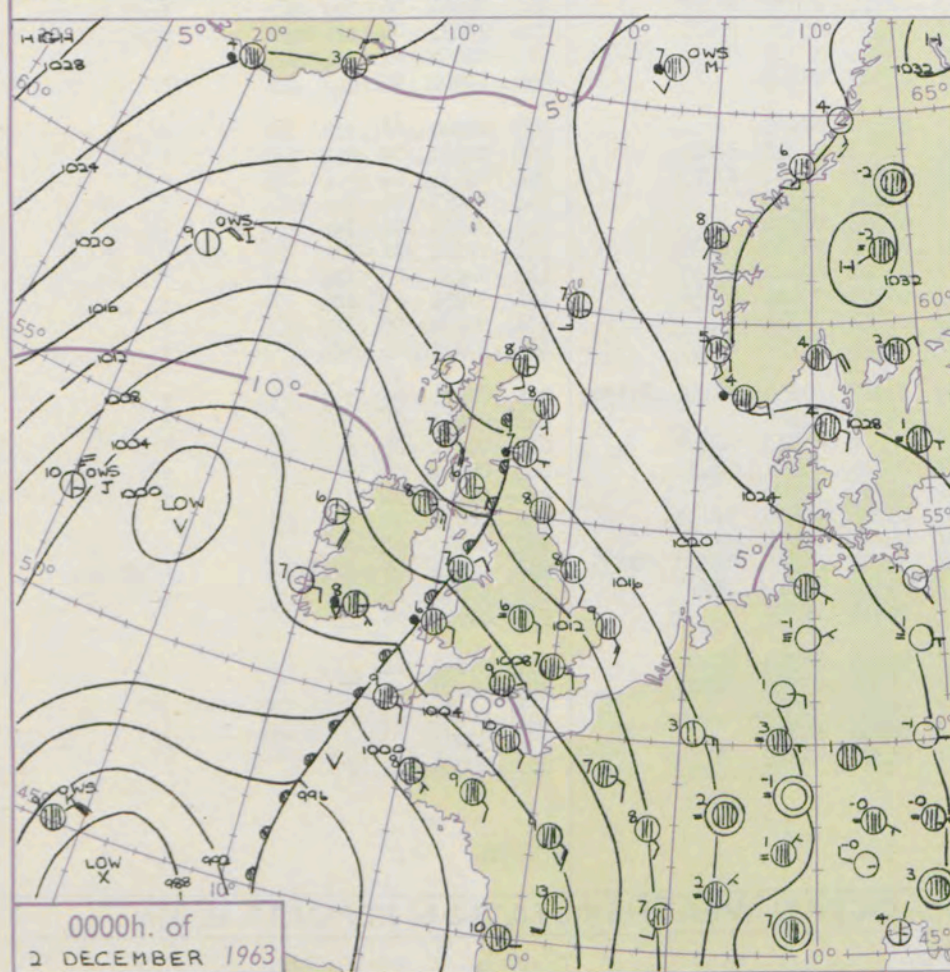
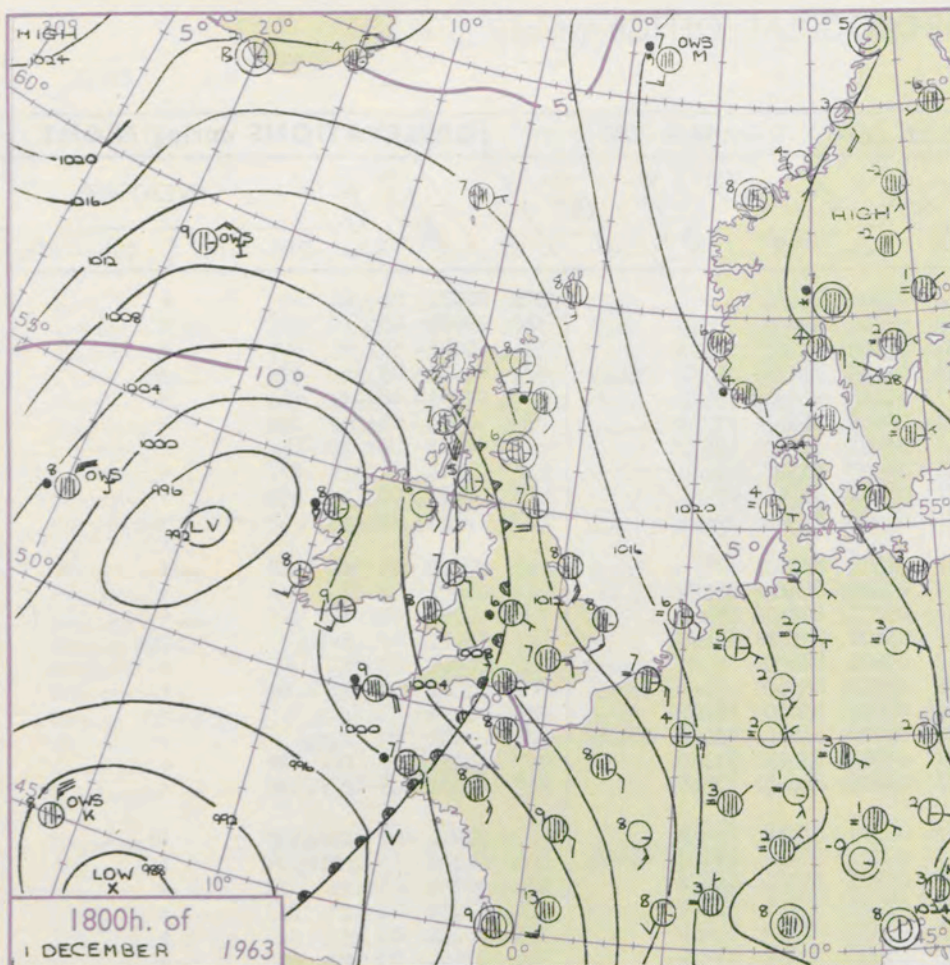
Code FM 11.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
Station		ill	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT	T × E	SSS	WEATHER		
																								09h.—15h.	15h.—21h.	
Kew	775	81203	56052	09808	1157/	05004	81825	82362	87364		775	81012	56052	10007	856/1	04203	88635				775	00081	000	+		+
London Airport	772	81208	56032	10008	5562/	05006	81712	83635	88464		772	80710	56042	10307	4567/	04003	84635	88459			772	00081	000	+		+
Gatwick	776	81412	58022	10408	1567/	05107	81715	83359	88465		776	80607	40052	09906	1557/	05601	81625	88462			776	00091	002	+		+
Thorney Island	871	81515	64606	09109	7552/	07107	81712	87650	88459		871	80812	58026	09008	864/1	06301	88715			871	94091	000	ir ₀ ro ₀ ro ₀		ir ₀	
Hurn	862	81614	58616	07509	654/2	07006	86615	88556			862	80807	56216	07907	855/1	06301	83625	88643			862	04091	///	ro ₀ ro ₀ ir ₀ rr		ro ₀ ro ₀ rrir ₀
Guernsey	894	81416	60636	05807	854/1	07000	83705	85612	88625		894	81118	66216	04308	4557/	07706	84620	88459			894	03091	000	ir ₀ ro ₀ ro ₀ rr		ir ₀
Wattisham	590	71514	58012	12107	1153/	05006	81825	87358			590	80908	32052	12406	26477	05500	82712	84360	88278		590	00071	///	+		+
Gorleston	497	71817	58052	13408	785/1	06009	83820	87628			497	71513	62022	13708	3557/	06203	83625	87358			497	00091	000	+		+
Mildenhall	578	71310	61021	11507	2577/	05107	82656	87359			578	80906	48032	12306	8097/	05205	88461			578	00071	000	+		+	
Cardington	559	81310	56052	10107	1572/	05110	81650	88459			559	81010	58052	11106	6567/	05303	86648	88459			559	00071	000	+		+
West Raynham	485	71514	56031	12007	7095/	05108	87360				485	71212	48012	13105	60932	03306	86360	87072			485	00071	001	+		+
Wittering	462	71312	59022	10806	3567/	04104	83635	87460			462	81011	37042	12206	50977	04206	85360	88270			462	00071	000	+		+
Boscombe Down	746	81409	50616	08607	855/1	07207	82708	85710	88625		746	80812	50026	08806	857/1	05303	81710	88656			746	02071	000	ro ₀ ro ₀ do ₀ ro ₀ rr		ro ₀ ro ₀ ir ₀
Ross-on-Wye	627	81406	57505	07108	864/1	06117	88710				627	80507	48636	08807	8032/	06214	88508			627	01092	000	id ₀ ir ₀		ro ₀ ro ₀ rr	
Bristol	628	81310	58026	06508	864/1	07110	88712				628	80910	58616	08407	856/1	06213	82710	88634			628	01091	000	ir ₀ gr ₀ ro ₀		do ₀ ro ₀ ro ₀
Aberporth	502	51615	80036	03509	12406	05115	81818	85275			502	81211	68022	06008	68477	06211	81818	86656	88275		502	92091	038	pr ₀		ir ₀ ro ₀ ro ₀
Rhoose (Cardiff)	715	71106	66806	05909	38576	07117	81820	83630	87275		715	81213	58636	07407	855/1	06312	85709	88624			715	04091	000	ir ₀ pr ₀ ro ₀ ro ₀		ro ₀ ro ₀ rr
Plymouth	827	81312	59808	04609	4947/	07110	82914	83635	88465		827	81009	34636	04507	4742/	06305	84710	88525			827	10102	000	pr ₀ ir		ro ₀ ro ₀ rr
Chivenor	707	81005	80022	05009	18517	07116	81825	88275			707	80910	62618	05508	873/1	06206	83708	88712			707	02101	000	pr ₀		ro ₀ ro ₀
St. Mawgan	817	61407	74031	03709	22578	06112	82825	86275			817	81010	61638	03507	6562/	07202	83712	86632	88558		817	04101	000	+		pr ₀ rr
Culdrose	809	71703	81022	03010	11518	04113	81825	83465	87273		809	81109	56618	02107	855/1	07706	85709	88620			809	04112	000	pr ₀		pr ₀ ro ₀ ro ₀
Scilly	804	72013	81021	02210	28402	02217	81815	87070			804	80909	69808	01409	78505	06807	84820	87650			804	04111	000	+		pr ₀ rrrr
Elmdon	534	81309	48616	08506	873/1	05208	86708	88712			534	81107	24616	10706	6567/	06111	83706	85640	88359		534	03071	000	ir ₀ do ₀ ro ₀ do ₀ rr		rrrrro ₀
Shawbury	414	71209	48216	07507	755/1	06114	81706	83708	86710		414	81107	14616	10107	873/1	06317	81706	86708	88713		414	95081	000	ir ₀ ir		ro ₀ ro ₀ ir ₀
Manchester	334	81211	56026	08106	856/1	03217	83712	86615	88635		334	81110	28606	10707	6542/	04215	82712	86618	88462		334	97071	004	+		ir ₀
Squires Gate	318	81418	56042	07307	854/1	04215	81708	88612			318	81111	30602	10107	854/1	06220	82712	88615			318	01081	005	+		ro ₀ ro ₀ rrdo ₀ ro ₀
Valley	302	41526	66018	03710	48500	07220	82820	84635			302	50811	74021	07507	15602	04220	81630	85075			302	97111	051	+		pr ₀
Ronaldsway	204	71426	64258	04409	6847/	07119	82712	83818	85640		204	61322	61021	08308	32502	07222	81711	83820	86070		204	97101	023	pr ₀		+
Carlisle	222	71214	59021	08007	38578	02208	81825	83645	87273		222	70808	58012	12006	655/1	03229	86626			222	97071	004	+		ir ₀	
Watnall	354	81311	11046	10005	856/1	04110	86709	88630			354	81206	14216	11905	863/1	05212	88708			354	02061	00				

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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GENERAL SYNOPTIC DEVELOPMENT

Mobility of upper features is expected over Greenland and the high cell now over north Iceland will move southeast towards southern Norway probably eventually linking up with the Russian anticyclone. The deep cut-off vortex west of Portugal will persist and may sink further south. A fresh or strong easterly gradient will result over Britain.

Issued at midday Monday 2 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The British Isles will be practically dry with strengthening easterly winds. Sunny periods will develop in western areas as far south as Wales and probably in many other places later. It will become colder except in the southwest where occasional light rain may continue in places.

OUTLOOK for following 48 hours

Cold and dry with fresh easterly winds in most places. Near normal temperatures in the southwest.

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

Code FM II.A		OBSERVATIONS at 00h. 2 December 1963										OBSERVATIONS at 06h. 2 December 1963										OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	Nddff	VVwwW	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			07						775	80910	56052	09907	80911	03306	88464				775	00071	04	+	+		40	
London Airport	772	80812	29042	10107	50917	05502	85462	88275		772	80508	40042	10107	80971	04304	82359	88462		772	00071	05	+	+			39	
Gatwick	776	80608	32102	09806	80971	05301	83360	88468		776	80106	56102	09905	70957	04302	87362	88272		776	00041	51	+	+			38	
Thorney Island	871	80811	58012	08109	15611	07300	81645	88460		871	80812	50022	08009	55771	06400	85650	86358	88464	871	00081	05	+	+			37	
Hurn	862	80708	58032	07009	80911	07501	88459			862	81011	62031	07409	65671	07206	86630	88460		862	00081	06	+	+			36	
Guernsey	894	81214	74022	03810	75571	08002	86645			894	81118	76022	03310	65671	08603	86642	87360		894	00081	06	+	+			35	
Wattisham	590	81009	40052	12508	10937	06802	81360	88272		590	71010	60032	12608	10948	05302	81362	87272		590	00071	04	+	+			34	
Gorleston	497	81313	56052	14209	15507	08400	81625	88275		497	71218	62012	14609	15621	07500	81530	86460		497	00081	06	+	+			33	
Mildenhall	578	80708	48022	12207	80971	06803	88460			578	70811	61022	12507	70971	05301	82360	87465		578	00071	03	+	+			32	
Cardington	559	80610	40052	10807	60911	06707	88458			559	70811	57052	11206	70971	04103	81362	87465		559	00051	02	+	+			31	
West Raynham	485	80911	37012	13707	00907	06202	88270			485	80815	56022	13707	00907	06302	88270			485	00061	05	+	+			30	
Wittering	462	80609	25102	12605	26411	05500	82712	88459		462	80814	58032	12606	50917	05104	84462	88270		462	00051	03	+	+			29	
Boscombe Down	746	80814	40052	08706	36411	05304	83710	88459		746	80813	40052	08606	75621	05301	87641	88460		746	00051	04	+	+			28	
Ross-on-Wye										627	80803	40022	08905	80971	05400	82360	88465		627	93051	02	idir _o		id _o			27
Bristol	628	80707	59026	08106	85611	05501	88645			628	80205	48022	07907	85711	05601	88650			628	00061	03	+	+			26	
Aberporth	502	81012	59616	07406	55621	04203	85531	88558		502	61210	48056	06807	50932	05802	85360			502	01061	02	ir _o ro _o ro _o		+		25	
Rhoose (Cardiff)	715	80819	32216	06806	27321	05602	82706	88517		715	80918	48052	06407	35621	06604	83630	88462		715	01061	06	ro _o ro _o		+		24	
Plymouth	827	81113	58616	04109	75621	08309	83714	87630		827	80911	62026	02811	15677	09000	81630	83460	88270	827	03081	07	ro _o ro _o		+		23	
Chivenor	707	71211	59216	05209	75611	07503	83710	87635		707	71017	56022	04509	35531	07001	83625	87360		707	93081	06	ir _o		+		22	
St. Mawgan	817	81115	61606	02808	68521	07603	82820	86632	88458	817	70910	56016	02209	75411	08806	84616	87635		817	01071	06	ro _o ro _o		+		21	
Culdrose	809	81312	69026	01610	88411	08506	84812	88620		809	80913	64052	00811	88411	09709	83812	86614		809	02081	06	ro _o ro _o pro _o		id _o		20	
Scilly	804	81012	74216	00409	85411	07707	88619			804	80916	62022	99111	78421	10703	82812	86622	88458	804	01072	11	rrir _o		ir _o		19	
Elmdon	534	81011	30106	11106	57321	06701	85707	88460		534	50710	56031	10905	10931	05102	81360	85072		534	00051	03	+	+			18	
Shawbury	414	80810	19046	10806	86411	05000	88710			414	70907	28042	11007	36331	05103	83709	87360		414	97051	04	ir _o		+		17	
Manchester	334	70814	56036	11707	25771	03801	82656	87360		334	50717	56021	11508	45701	04500	81712	84650		334	00051	04	+	+			16	
Squires Gate	318	80713	30046	12405	60937	04104	86360	88270		318	71021	50042	12008	30938	06500	83362	87270		318	97051	03	ir _o		+		15	
Valley	302	80410	66216	10107	55571	05212	82622	85635	88360	302	60520	61216	08607	25671	06711	82630	86360		302	02061	06	ro _o ro _o rr		ro _o ro _o		14	
Ronaldsway	204	81023	66032	11808	48511	06115	82712	84328	88465	204	80825	62046	11909	85611	07300	85716	88630		204	97071	06	proir _o		ir _o		13	
Carlisle	222	80407	58026	15206	35521	05111	81715	83625	88460	222	80611	58022	16108	85611	06303	83712	86714	88630	222	01051	01	ir _o ro _o ro _o		+		12	
Watnall	354	80709	48032	12505	86311	05802	88706			354	80712	48012	12806	80911	05308	88465			354	97041	02	+	+			11	
Spurn Head	396	81412	32022	14308	66411	07008	86710	88458		396	71220	32012	14209	00908	08400	87275			396	00080	11	+	+			10	
Finningley	360	80709	48046	14005	00907	04002	88270			360	70709	24102	14106	30938	06503	82363	87272		360	00051	02	+	+			9	
Dishforth	261	70905	40106	15004	15538	03107	81620	85365	87270	261	70910	28102	15308	46431	06503	84711	87365		261	00031	01	+	+			8	
Tynemouth	262	81410	61022	15708	80921	05111	88458			262	81119	61022	17509	86511	07104	88725			262	00071	04	+	+			7	
Eskdalemuir	162	80502	58606	15605	65611	03114	82715	85635	88458	162	80408	62036	17306	86411	04303	88710			162	91031	01	ir _o		ir _o		6	
Mull of Galloway	131	81416	48502	12807	87311	06227	88706																				

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

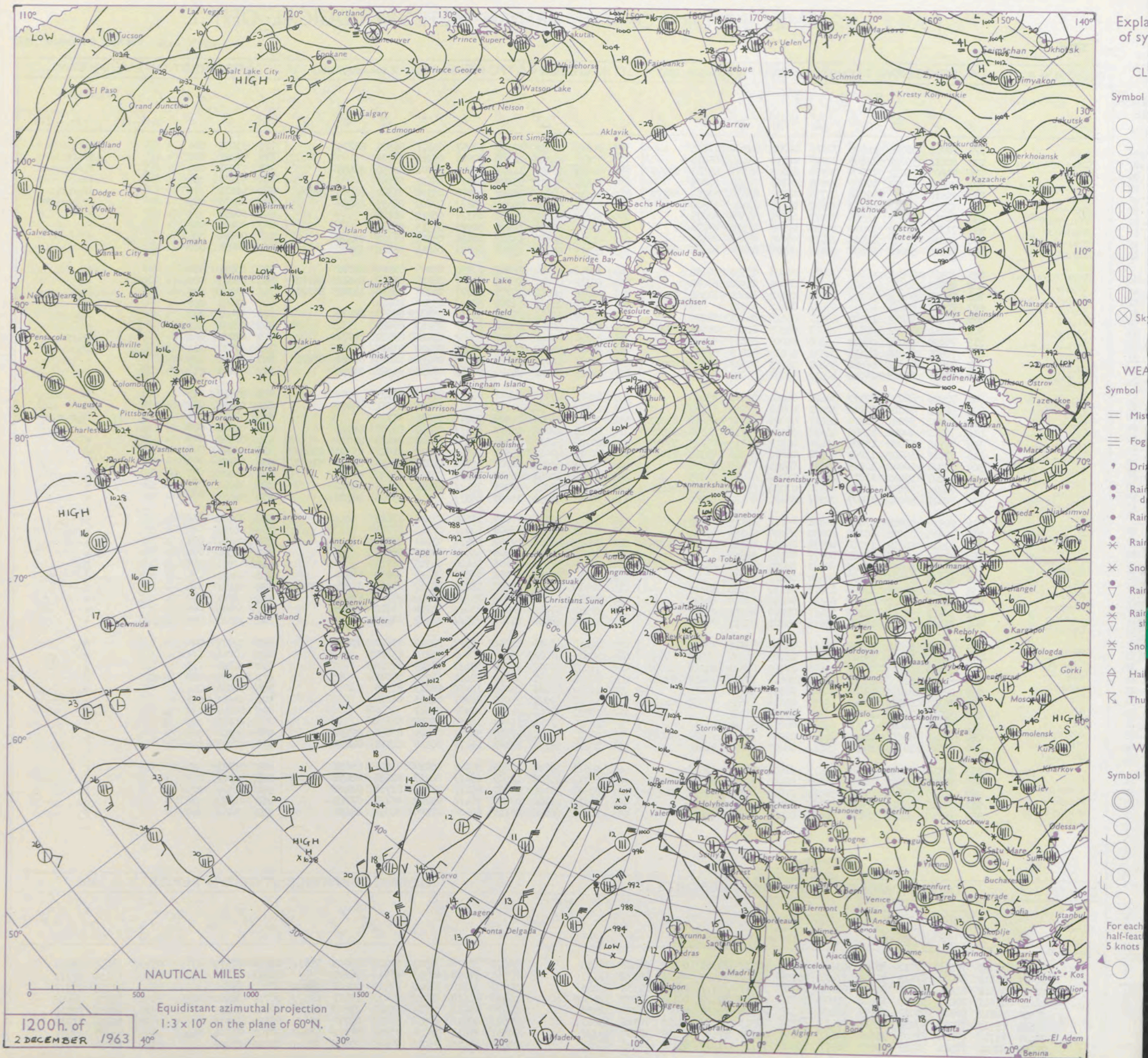
No. 37266

Date of Issue Tuesday 3 December 1963

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104	Kew	775	70912	26052	11608	70971	04002	84360	87362		775	80813	23052	12009	60957	05207	86360	88275		775	93091	000	+		r _o r _o ir
102	London Airport	772	80811	35042	12408	30917	04110	83464	88270		772	70613	26042	12308	00908	05212	87275			772	95092	000	+		ir _o rr
100	Gatwick	776	70808	56052	11808	30978	05009	81359	83463	87270	776	80809	56602	11407	45771	05301	84650	88459		776	97091	000	+		r _o r _o
99	Thorney Island	871	70814	56022	10410	20931	06109	82359	87075		871	80610	59032	09809	80971	06201	88359			871	97101	000	+		ir _o
97	Hurn	862	70910	56052	09210	45738	07211	84650	83362	86272	862	80510	48042	08908	60977	05301	83360	86464	88272	862	92111	///	+		ir _o r _o r _o
95	Guernsey	894	51214	80012	05512	25632	09107	82640	84360		894	80814	63606	04211	65671	09802	86635	88458		894	04131	009	+		ir _o r _o r _o rr
93	Wattisham	590	80912	58032	14308	50977	06003	85368	88275		590	80610	32032	15207	86311	06212	88707			590	00091	///	+		+
91	Gorleston	497	71318	58052	17009	30938	07108	83362	87278		497	30917	58051	16909	30978	06313	83360			497	00100	000	+		+
90	Mildenhall	578	70810	56022	14009	70971	06005	85360	87465		578	70709	40052	15307	10938	05311	81362	87270		578	00091	000	+		+
88	Cardington	559	80710	58022	12808	25637	06005	82640	86365	88275	559	80513	58032	13807	60937	06214	86362	88270		559	00091	000	+		+
86	West Raynham	485	70919	59012	15309	70971	06008	85362	86468		485	70818	48022	16207	20932	05205	82360	87072		485	00091	000	+		+
84	Wittering	462	80813	50012	14209	80971	06005	85362	88468		462	80712	40042	15707	65607	06216	83708	85640	88270	462	00091	000	+		+
82	Boscombe Down	746	70917	50052	10207	45678	05112	84645	83364	87272	746	80814	40052	10707	35777	04208	83650	84362	88272	746	91081	000	+		ir _o
81	Ross-on-Wye	627	80508	57025	10707	85511	05107	88625			627	80812	48052	11208	85511	05307	88625			627	97081	000	+		ir _o
79	Bristol	628	80607	56032	10208	65617	05114	86645	88272		628	80510	32052	10708	55717	05107	85650	88272		628	97081	000	+		ir _o
77	Aberporth	502	81214	61022	08109	15677	05105	81630	86465	88275	502	80814	56052	10008	80971	05213	88363			502	00101	011	+		+
75	Rhoose (Cardiff)	715	70822	56026	08508	35608	05006	83635	87270		715	80720	28042	09407	35607	05004	83630	88270		715	01081	000	+		ir _o rr
73	Plymouth	827	70909	64216	05113	38531	10010	81825	87075		827	70918	56602	05611	78411	08102	83815	87630		827	97131	024	ir _o		ir _o
72	Chivenor	707	71008	61022	06811	35471	08213	83618	85360	87075	707	70914	48022	07609	25431	06106	82615	86360	87075	707	00121	022	+		+
70	St. Mawgan	817	60916	66012	03712	48532	10006	83820	84075		817	70715	61021	04910	50972	08206	85360	87070		817	00121	010	+		+
68	Culdrose	809	71216	66028	02912	38472	09008	81818	83460		809	80921	60052	03711	86211	09203	88705			809	97122	015	+		ir
66	Scilly	804	51223	66016	00912	32501	10318	83826	85072		804	80921	63032	02011	56421	10207	85711	88460		804	03122	037	ir		rr
64	Elmdon	534	80912	59042	12908	16117	05008	81712	85468	88272	534	70609	37042	14307	76411	05214	87713			534	97081	000	+		ir _o r _o r _o
63	Shawbury	414	70712	40042	12508	46472	06106	84712	84366	87075	414	80810	28042	14207	86311	06217	82708	88712		414	00081	000	+		+
61	Manchester	334	70715	56022	13909	16138	04112	81715	85365	87275	334	60724	58022	14308	15538	04008	81625	86275		334	00101	000	+		+
59	Squires Gate	318	71019	50042	13909	50971	06210	81360	85365	87073	318	70817	40042	15508	11572	05215	81822	83360	85072	318	00101	000	+		+
57	Valley	302	70726	58042	10009	55672	06005	85645	87075		302	70623	48042	11709	15732	06212	81650	84360	87070	302	00101	002	+		+
55	Ronaldsway	204	40827	59042	13910	25502	06010	82620	83075		204	80830	62041	15510	15537	05114	81620	88270		204	00101	001	+		+
54	Carlisle	222	70715	58032	18009	28578	07004	81821	83465	86272	222	70623	58022	20308	75411	05211	83616	86622		222	00091	000	+		+
52	Watnall	354	70911	56022	15007	70971	06112	83359	87462		354	80917	48052	15907	86311	06210	85706	88708		354	00081	000	+		+
50	Spurn Head	396	60919	48012	17010	26408	07218	82715	87275		396	30921	48011	17008	35500	07206	83625			396	00100	012	+		+
48	Finningley	360	70915	62022	16110	20932	07006	82362	87072		360	70817	50042	17508	76411	06113	87710			360	00111	010	+		+
46	Dishforth	261	71019	56052	17310	40978	06005	81362	84368	87275	261	30810	48051	19307	30970	03222	83365			261	00101	009	+		+
45	Tynemouth	262	81119	48052	20409	80971	07115	88359			262	81025	58022	22408	85511	06218	88625			262	00091	000	+		+
43	Eskdalemuir	162	70504	59056	20007	68412	05014	85817	83635		162	30719	59051	21606	36400	04315	83712			162	97091	008	+		ir _o
41	Mull of Galloway	131	41130	6303																					

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

ation
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Cloud
Amount
(oktas)

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3
4
5
6
7 or more
8
obscured

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Weather

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and
fizzle

and snow

shower

and snow
ower

w shower

shower

nderstorm

IND

Wind
speed
(knots)

Calm

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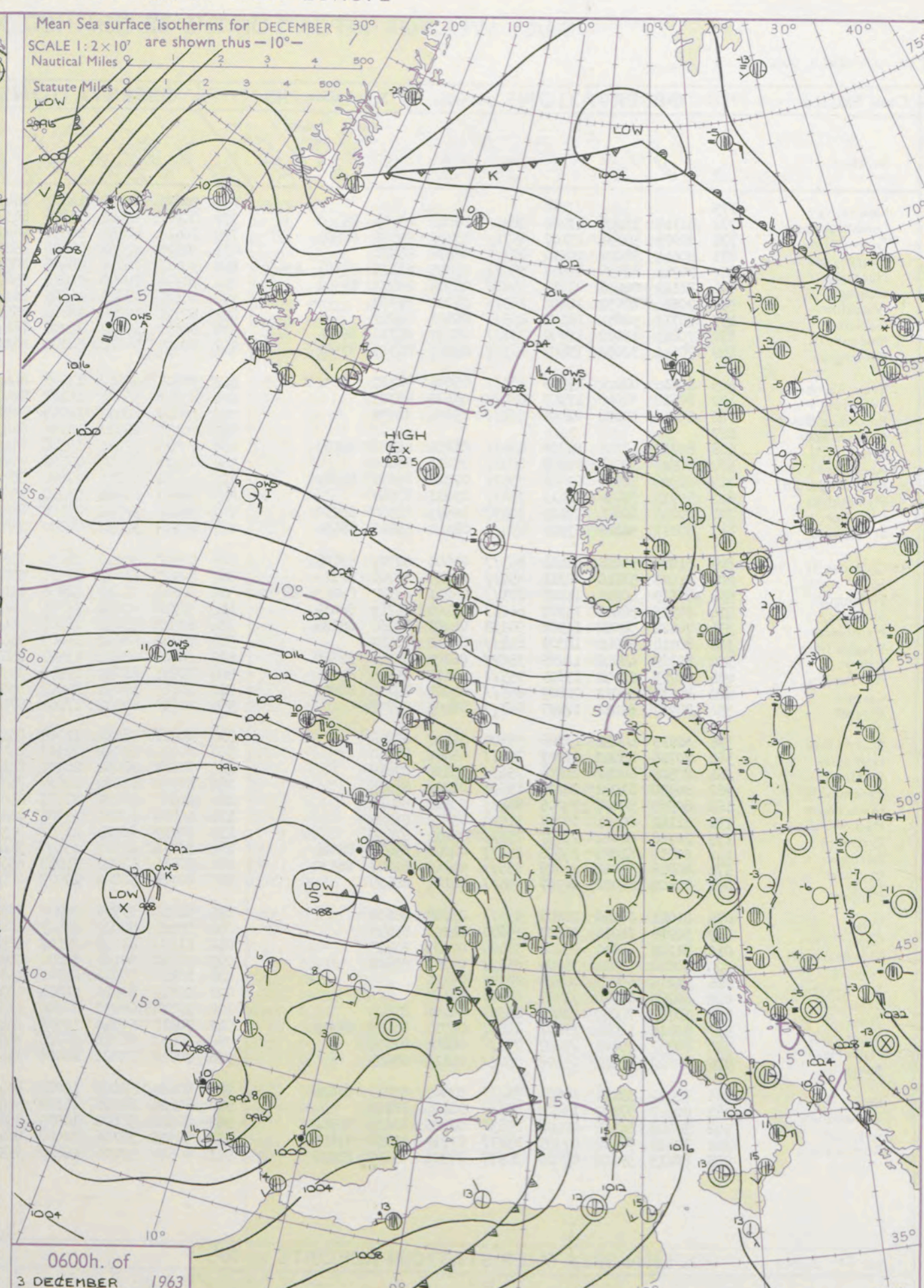
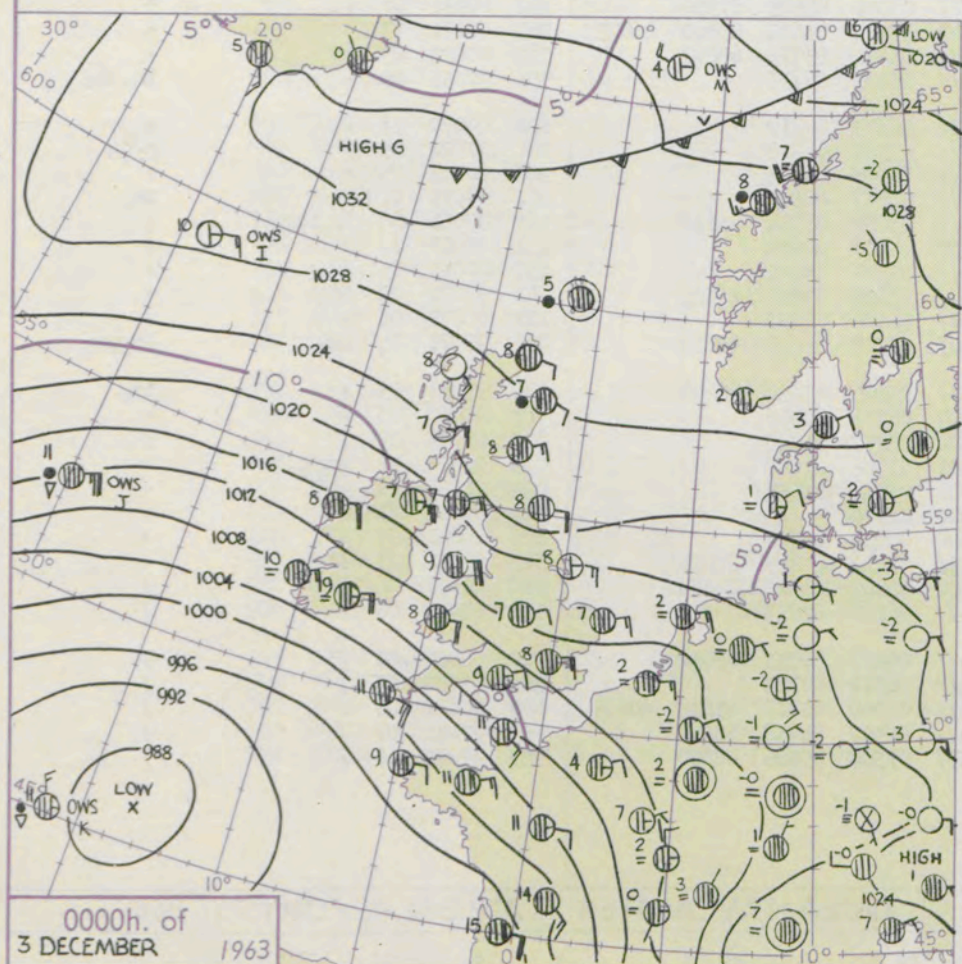
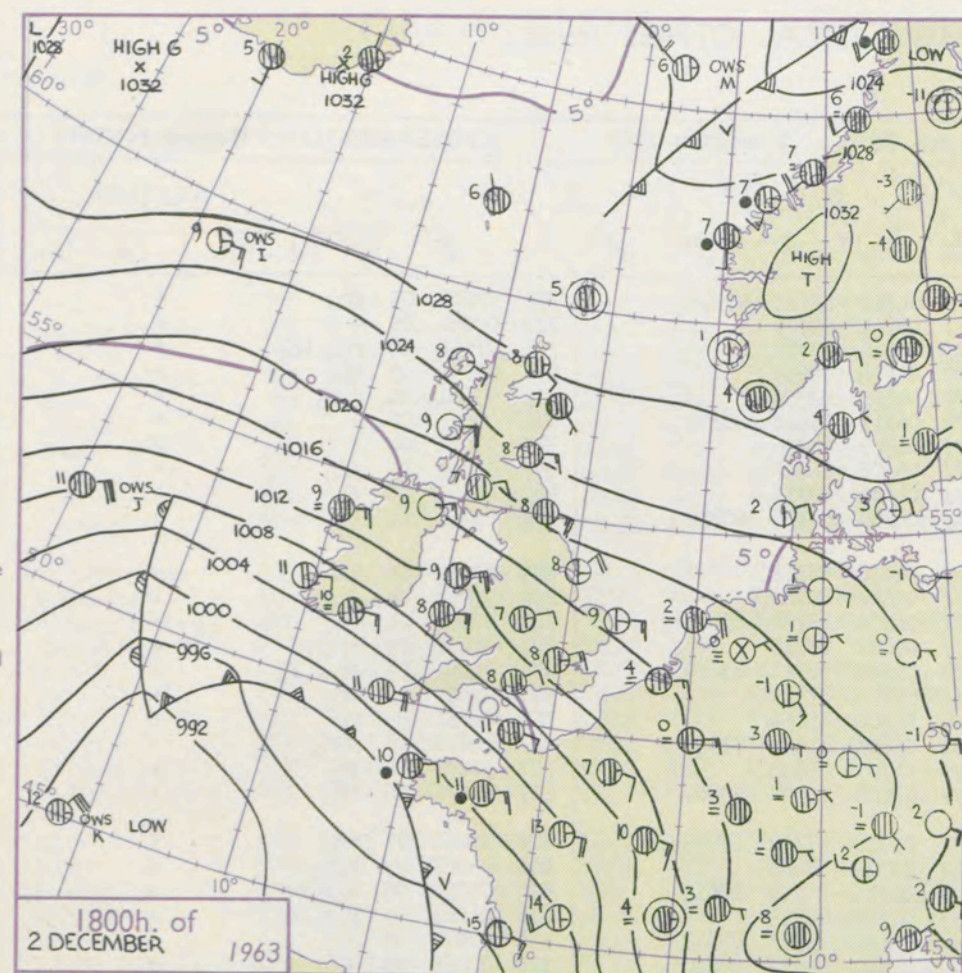
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 3 December 1963

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

A depression which formed yesterday over east Greenland will continue east across the Norwegian Sea, with cold air pushing south across Scandinavia tomorrow. The high cell has come southeast from Iceland and will become rather slow moving and a dominant feature of the circulation for the next 24 hours. A complex area of low pressure will persist to the southwest of Britain, so that all parts of the country will remain in an easterly airstream. Troughs circulating around the low pressure area will affect southwestern districts.

The Northern Isles and western Scotland will stay dry with sunny periods today and local frost tonight. All eastern districts of Britain will be cloudy and rather cold but dry apart from orographic drizzle whilst Northern Ireland, northwest England and north Wales have sunny intervals. South Wales and southwest England may have further occasional rain. Easterly winds will reach gale force at times in the west.

OUTLOOK for following 24 hours.
Little significant change.

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

Code FM 11.A		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT												
Station		iii	Nddff	VVwwwW	PPPTT	N _h Ch _h M _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h M _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h M _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER		
																																	21h.—03h.	03h.—09h.
Kew	775				08						775	80623	70022	11407	86411	04713	85712	88720		775	97071	05	ir _o										+	
London Airport	772	80715	33046	13908	56321	06006	85709	88460			772	80516	31042	11806	86311	05811	88709			772	00061	05	+										+	
Gatwick	776	80908	56056	13107	55711	05006	85656	88460			776	70612	40031	10606	76411	04614	87710			776	97051	04	r _o r _o ir _o									+		
Thorney Island	871	80614	58026	10210	85711	06808	88650				871	50515	37052	08706	55800	04804	85657			871	97061	03	ir _o									+		
Hurn	862	70711	62036	09509	35671	06805	83635	85359	87462		862	30513	74012	08407	30970	04503	82359			862	97061	04	r _o r _o									+		
Guernsey	894	71122	66016	04011	35672	06702	83640	85360			894	70724	74022	01810	55672	06711	85640	86360		894	00091	08	+									+		
Wattisham	590	70614	40052	16606	76311	05302	87707				590	80517	48025	14305	86311	04707	88706			590	97051	04	+									id _o		
Gorleston	497	70717	56051	18107	85511	06801	88622				497	80816	56052	16606	85511	05608	88620			497	00051	05	+									+		
Mildenhall	578	70813	48022	16707	75711	05207	86710	86656			578	80612	48022	15206	86411	04601	88711			578	00051	05	+									+		
Cardington	559	70611	32052	15607	66331	06000	86709	87362			559	80415	56012	14805	86311	04803	84708	88712		559	00051	04	+									+		
West Raynham	485	80816	40022	17506	86311	05005	88707				485	80621	40012	15506	86411	04610	88712			485	00051	05	+									+		
Wittering	462	80612	32046	17407	86211	05107	88705				462	80513	56602	16107	86411	05400	88711			462	97051	04	ir _o									ir _o		
Boscombe Down	746	80719	50026	11009	85611	05804	88635				746	60620	40052	10705	56301	04703	85708	85074		746	97051	04	ir _o									+		
Ross-on-Wye	627										627	80515	48022	12106	86411	04602	88715			627	02061	05	ir _o rr									+		
Bristol	628	80712	48216	10908	85611	06804	84708	88649			628	70513	32031	10506	66400	04302	86711	83650		628	94051	05	ir _o r _o r _o									+		
Aberporth	502	80920	58056	09908	80921	05211	88460				502	70918	61052	09508	70931	03703	87359			502	97061	04	ir _o									+		
Rhose (Cardiff)	715	80826	58036	09008	55671	07810	85630	88362			715	50631	61021	07806	55700	04604	85650			715	02051	05	rr									+		
Plymouth	827	70913	59026	04611	75611	09811	87640				827	70817	64022	03410	35631	05605	83630	87359		827	92071	05	r _o r _o									+		
Chivenor	707	80816	40026	07109	10937	06503	81360	88270			707	80630	56022	05108	85611	04707	88635			707	97071	06	ir _o									+		
St. Mawgan	817	80817	56026	03909	85411	08510	84612	88650			817	80914	58052	02610	25571	04602	82620	88360		817	97071	06	ir _o									+		
Culdrose	809	81025	58026	02411	86311	09506	82707	88708			809	70930	50012	00611	75611	07712	81710	87635		809	92081	07	id _o									+		
Scilly	804	81027	57216	00311	85411	10623	85709	88618			804	80927	56022	99311	80911	10706	88466			804	03081	11	r _o r _o									+		
Elmdon	534	80609	40216	16207	87311	06211	82707	85710	88712		534	80614	64012	14906	85411	04705	85710	88613		534	01051	05	r _o r _o rr									+		
Shawbury	414	80915	56616	15907	66411	06109	86713	88459			414	80718	62036	15706	86411	04702	88715			414	94061	05	r _o r _o rr									+		
Manchester	334	70622	58012	16908	50938	04209	85362	86275			334	80522	61032	16907	85411	03106	83715	88617		334	00071	05	+										+	
Squires Gate	318	80918	58042	18307	85411	05212	88617				318	80822	60032	18007	85411	04310	83617	88620		318	00061	05	+										+	
Valley	302	80729	48042	14209	35671	06105	83645	88360			302	70629	48042	13507	45671	05601	84645	87360		302	00071	06	+										+	
Ronaldsway	204	70723	60022	17609	75511	06104	81625	87656			204	70935	61032	17908	15742	05111	81650	83360	86075	204	00071	07	+										+	
Carlisle	222	80613	59032	22607	85511	04007	84716	88621			222	80613	59032	22007	85511	03504	83718	88627		222	00061	03	+										+	
Watnall	354	80717	62032	17907	86311																													

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

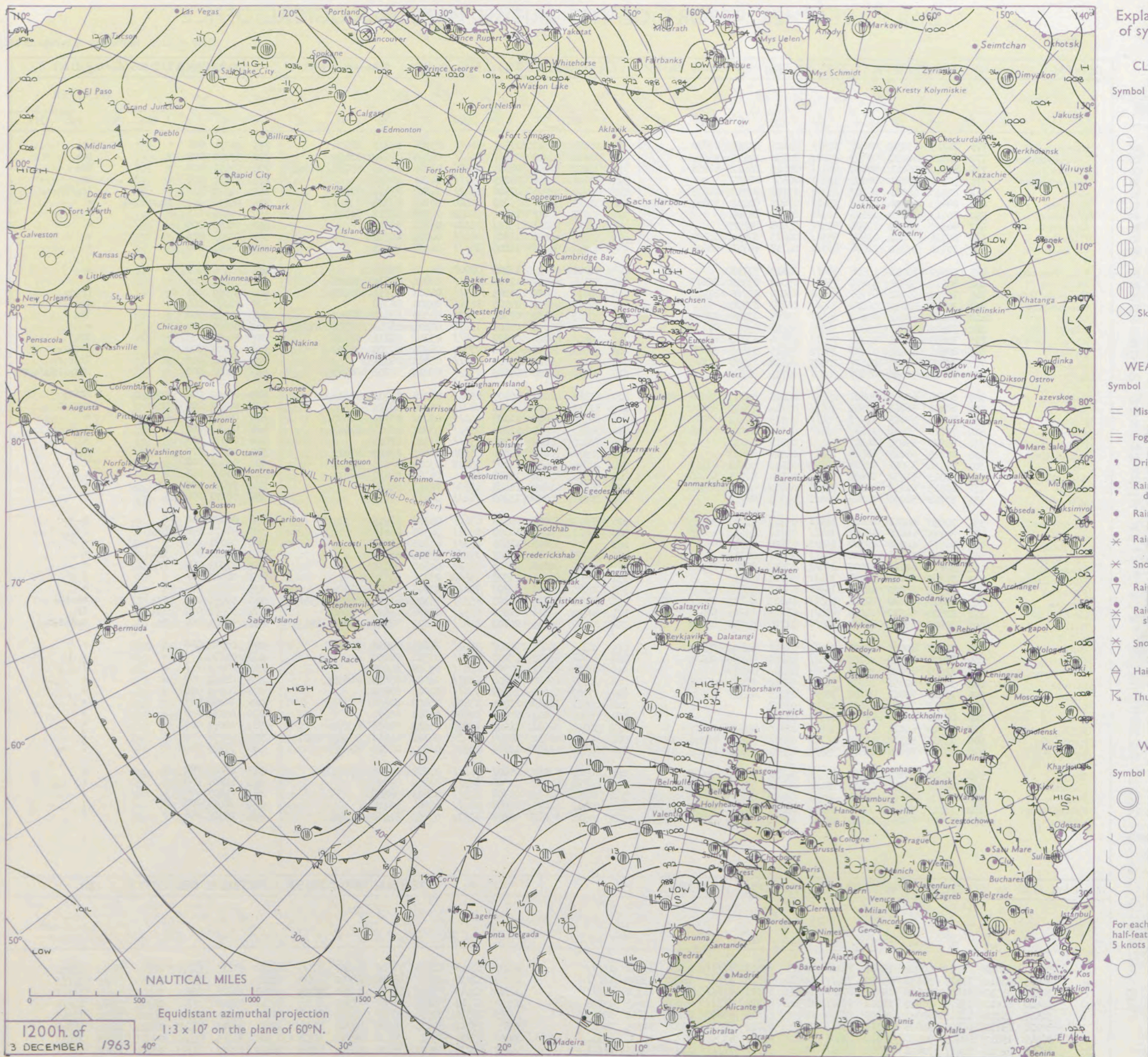
No. 37267

Date of Issue Wednesday 4 December 1963

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104	Kew	775	70725	33052	08607	755/1	03827	85708	87620		775	80920	56052	09507	856/1	03304	86713	88634		775	97071	000	+	ir _o
102	London Airport	772	80622	40032	09307	854/1	04826	87614	88640		772	80716	29042	09407	854/1	04205	86616	88650		772	97071	000	+	ir _o
100	Gatwick	776	80620	56041	08606	854/1	04623	86612	88656		776	70811	30042	08905	6637/	03308	81709	85710	86362	776	97071	000	+	ir _o
99	Thorney Island	871	70517	59051	06607	758/1	04626	87657			871	80708	32216	08205	857/1	04321	88650			871	92071	000	+	ir _o
97	Hurn	862	80513	48051	06707	855/1	03718	82710	88625		862	80810	48216	07506	5542/	04217	85614	88530		862	01071	///	+	ir _o ir _o ro
95	Guernsey	894	80823	40636	00708	5562/	07802	82712	85640	88460	894	51215	58016	03709	55400	08223	83711	83617		894	05101	000	ir _o rr _o ro	+
93	Wattisham	590	80613	35052	12505	863/1	04817	88706			590	50617	40012	10806	26402	04807	82710	84075		590	00071	///	+	+
91	Gorleston	497	80820	56052	14706	855/1	05808	88620			497	21016	56051	13107	25500	05302	82624			497	00080	000	+	+
90	Mildenhall	578	80716	40022	12906	855/1	04615	87712	88620		578	50309	40052	11505	564/1	04804	85712			578	00061	000	+	+
88	Cardington	559	80516	57022	12006	855/1	04717	86712	88625		559	80511	56052	11106	854/1	04204	88615			559	00061	000	+	+
86	West Raynham	485	70622	48012	13506	764/1	04815	87712			485	50809	48012	13305	00902	03110	85070			485	00071	000	+	+
84	Wittering	462	70520	58026	13607	754/1	05817	83710	87615		462	60516	56012	12705	655/1	03005	84713	85620		462	00071	000	+	+
82	Boscombe Down	746	70730	50052	07706	56438	03524	85710	87272		746	80813	32626	08505	855/1	04311	86710	88627		746	97061	000	+	ir _o odd
81	Ross-on-Wye	627	70618	48052	08807	765/1	03733	87720			627	80617	48052	09105	865/1	02303	88720			627	92071	000	+	ir _o
79	Bristol	628	80418	58022	08406	855/1	03829	87712	88625		628	80719	48052	07906	3547/	03305	83615	88359		628	97071	000	+	ir _o
77	Aberporth	502	70522	56052	08607	31408	03816	83815	87270		502	71017	56052	07407	11478	03305	81818	86365	87270	502	00071	000	+	+
75	Rhoose (Cardiff)	715	70637	56042	05707	756/1	03534	83710	87640		715	80824	48046	06906	854/1	03312	84715	88618		715	94071	000	+	ir _o
73	Plymouth	827	80624	59022	02007	3567/	03615	83635	88465		827	80912	28616	03108	7732/	08216	87709	88550		827	03101	000	ir _o	rr _o ro
72	Chivenor	707	70627	57022	04807	20932	04512	82358	87075		707	80915	48616	05807	855/1	05222	88621			707	92081	000	+	ir _o ro
70	St. Mawgan	817	80722	58052	01407	8097/	02715	88360			817	80918	23596	02207	872/1	07213	84705	88709		817	02081	000	+	ro _o rodr _o dr _o
68	Culdrose	809	80834	60052	99408	2562/	04006	82640	85358	88460	809	81120	26026	00409	854/1	08218	85708	88615		809	09102	000	pr _o ro	rr _o ro
66	Scilly	804	80831	56022	97609	3567/	05714	83630	88460		804	81027	16616	98009	862/1	09220	88705			804	04102	000	ir _o	ro _o rr
64	Elmdon	534	80615	57022	12507	854/1	04815	85615	88622		534	80704	56042	11106	854/1	03201	83710	88617		534	00071	000	+	+
63	Shawbury	414	70718	59042	13607	754/1	04814	81714	87618		414	70913	58042	11806	755/1	03001	83715	87622		414	00081	000	+	+
61	Manchester	334	80520	59032	14107	854/1	03808	88616			334	70628	56032	12306	755/1	01024	87622			334	00070	000	+	+
59	Squires Gate	318	70825	66022	15907	755/1	04515	87620			318	70931	70022	13806	35502	03205	83625	87075		318	00071	000	+	+
57	Valley	302	70534	59042	12308	6547/	03825	86618	87467		302	70626	58042	11407	35432	03019	83618	87070		302	00081	000	+	+
55	Ronaldsway	204	70515	61032	16608	5563/	05504	82715	84640		204	61040	59032	13808	15641	04302	81630	86075		204	00090	001	+	+
54	Carlisle	222	80715	61022	20407	854/1	03712	84712	88618		222	50418	61022	18406	45530	02103	84628			222	97071	000	id _o	+
52	Watnall	354	80719	56036	14206	864/1	04805	88712			354	70717	56022	13706	764/1	04013	87712			354	00071	000	+	+
50	Spurn Head	396	70820	48012	16607	785/1	05712	84820	86625		396	80823	32022	15508	854/1	05218	88615			396	00090	000	+	+
48	Finningley	360	80718	56046	16807	854/1	05814	85612	88618		360	80613	50045	16007	854/1	04309	88617			360	97071	000	id _o	+
46	Dishforth	261	80715	62042	19207	854/1	03810	83614	88618		261	80714	59042	17606	854/1	03305	88618			261	00071	000	+	+
45	Tynemouth	262	80726	58508	21408	864/1	04817	88718			262	70925	61025	19807	755/1	03704	87626			262	97081	000	id _o	+
43	Eskdalemuir	162	80610	62216	21205	855/1	03617	86712	88622		162	30415	66016	19104	35500	02508	83620			162	97071	000	ir _o	+
41	Mull of Galloway	131	70930	60032	17207	764/1	04711	87712			131	30940	63011	13207	35400	03716	83618			131	00081	///	/	/
39	Prestwick	135	70715	66022	20507	7554/	03715	83625	85635															

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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7 or more
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shower

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Wind
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(knots)

Calm

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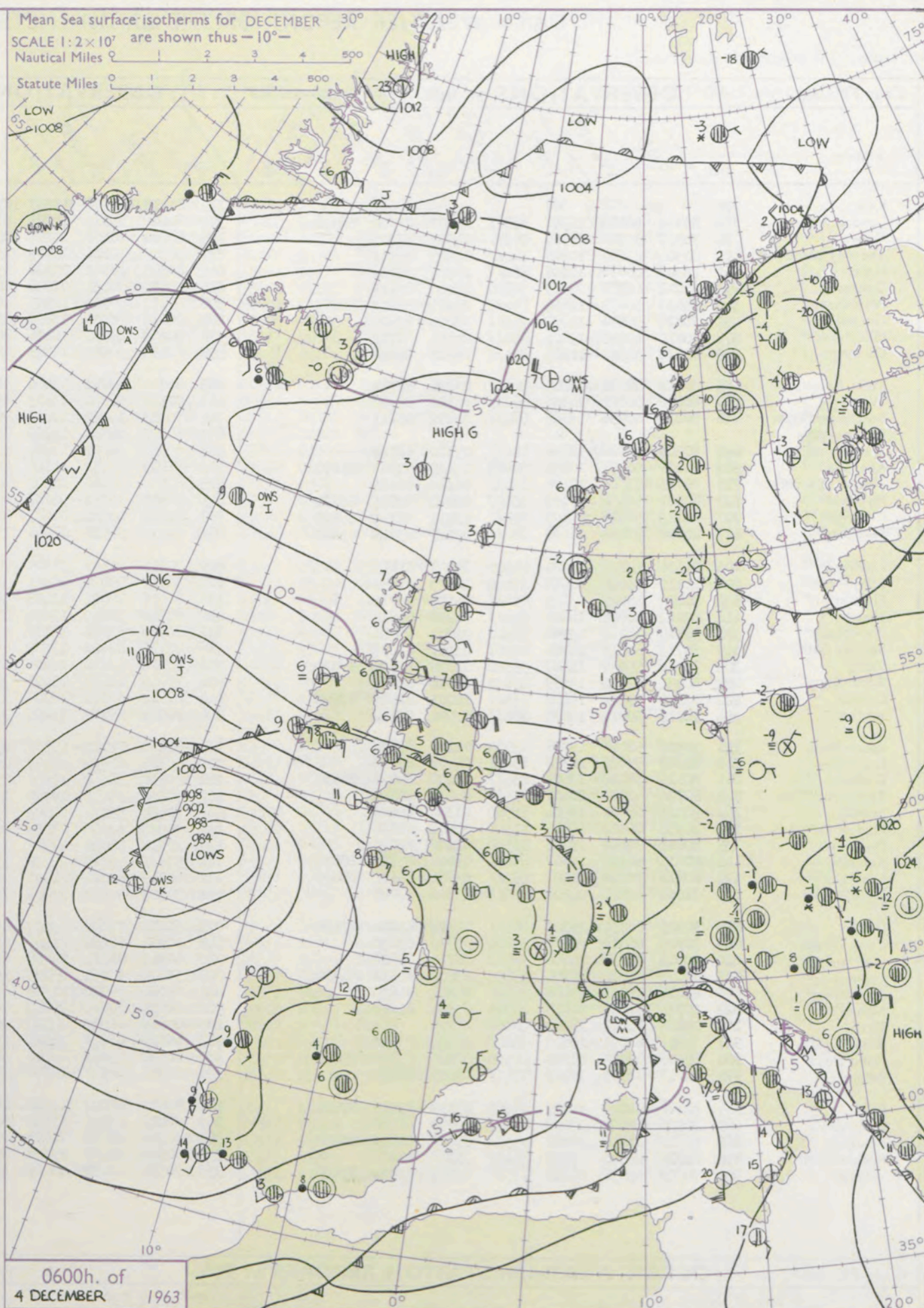
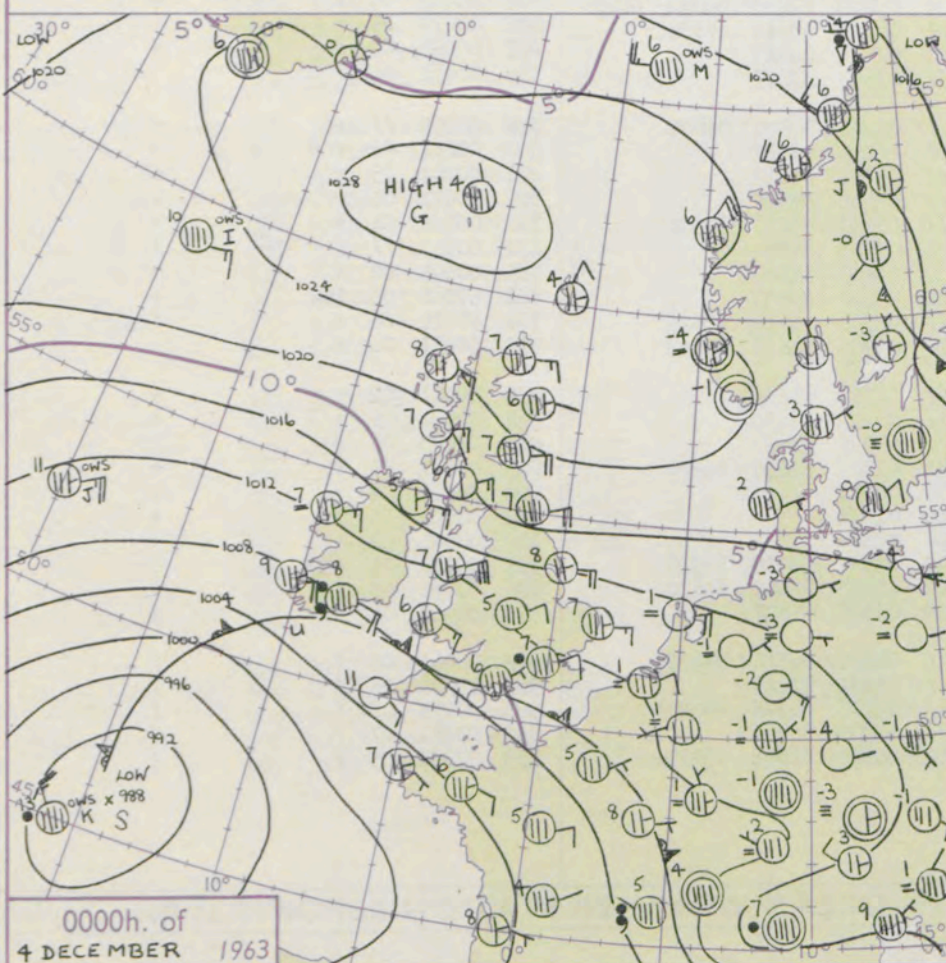
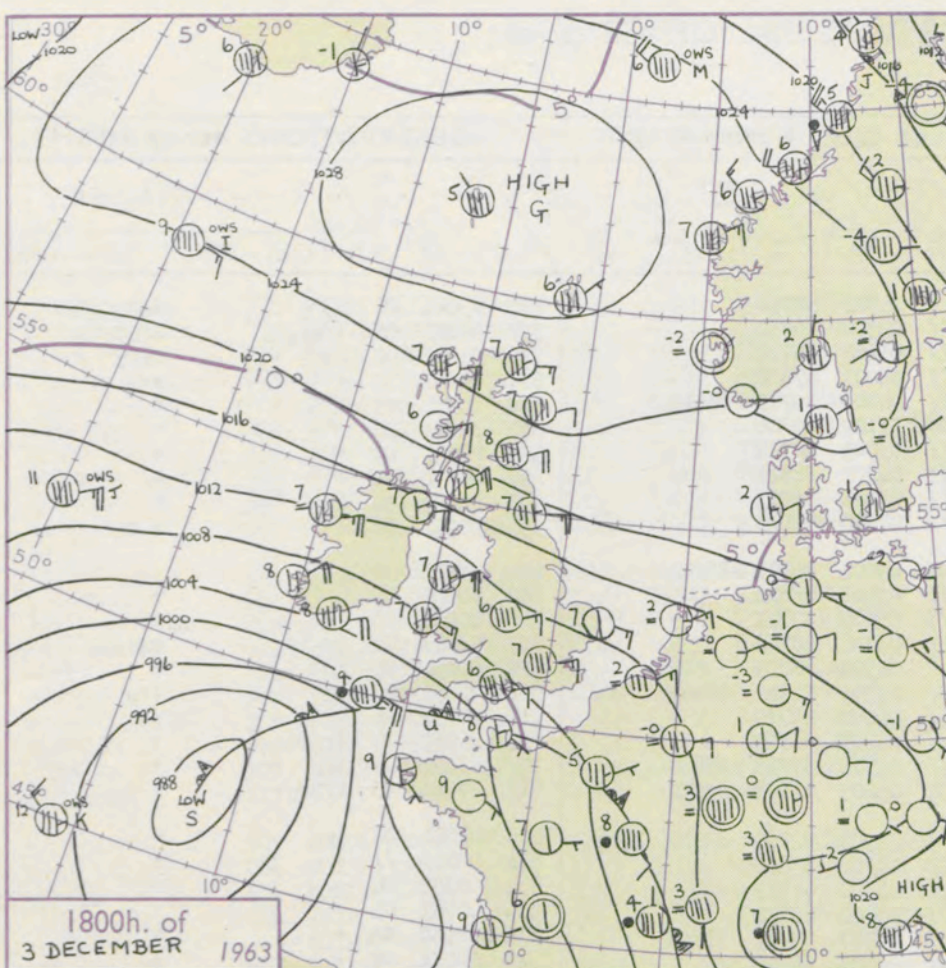
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 4 December 1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Low centres will continue moving east across the Norwegian Sea to the north of the high centre, now near Faeroes, which is drifting slowly southeast. The complex low pressure area remains to the southwest of the British Isles, with troughs swinging round it and affecting southern parts of Britain at times. An easterly airstream covers all parts of the United Kingdom.

Western Scotland and Northern Ireland will have sunny periods by day and local night frost. Northwest England will also be dry with sunny periods, whilst eastern Scotland and eastern England will have sunny intervals and no more than local drizzle. Southern England, the Midlands and Wales will be rather cloudy, with further occasional rain. It will be rather cold in the Midlands, East Anglia and southeast England.

OUTLOOK for following 24 hours
Little significant change.

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

Code FM 11.A										OBSERVATIONS at 00h. 4 December 1963										OBSERVATIONS at 06h. 4 December 1963										OBSERVATIONS during NIGHT										CONV TA °C
Station	iii	Nddff	VVwwwW	PPPTT	NChChCh	Td app	8NChCh	8NChCh	8NChCh	iii	Nddff	VVwwwW	PPPTT	NChChCh	Td app	8NChCh	8NChCh	8NChCh	iii	RR	Tn	Tg	WEATHER																	
																							21h.—03h.	03h.—09h.																
Kew	775			07						775	80510	48586	11007	874//	04301	88710			775	93061	05	r _o r _o	d _o r _o r _o r _o	40																
London Airport	772	80608	26616	11307	855//	05206	83620	88630		772	80410	28216	11206	864//	04302	88710			772	94061	05	ir _o r _o r _o	ir _o r _o r _o	39																
Gatwick	776	70707	32216	10905	763//	04007	87709			776	80504	20106	10806	864//	05106	88710			776	01051	02	r _o r _o	r _o r _o	38																
Thorney Island	871	80304	23102	10406	864//	04109	88712			871	70305	14101	10005	757//	04001	87656			871	00041	50	+	+	37																
Hurn	862	80507	48012	10106	864//	05307	88716			862	80309	28042	09906	854//	04000	85711	88613		862	00051	03	+	+	36																
Guernsey	894	31011	66021	07309	35500	08213	83625			894	40613	50051	07008	46300	07102	84706			894	00071	06	+	+	35																
Wattisham	590	80610	50032	12805	664//	04102	86713	88275		590	80610	40022	12505	864//	03005	88711			590	00041	03	+	+	34																
Gorleston	497	70814	56051	14707	755//	05001	87625			497	80614	56032	13806	855//	04702	88625			497	00050	04	+	+	33																
Mildenhall	578	80710	48052	13106	864//	04301	88712			578	80609	48052	12906	864//	03400	88713			578	00050	04	+	+	32																
Cardington	559	80410	34502	12905	854//	04109	88616			559	80410	30052	12805	854//	04500	88613			559	00051	04	+	+	31																
West Raynham	485	80617	48022	13805	864//	03004	88711			485	80614	40012	13404	46407	03605	84714	88272		485	00031	00	+	+	30																
Wittering	462	80612	56022	14305	863//	04104	88709			462	80515	58022	13805	854//	03604	88614			462	00041	02	+	+	29																
Boscombe Down	746	80814	40056	11305	864//	04112	88711			746	70313	14052	11005	764//	05601	87711			746	00041	04	+	+	28																
Ross-on-Wye										627	80610	24536	12305	863//	03308	88708			627	03041	04	ir _o ir	ddd _o d _o	27																
Bristol	628	80508	58026	11206	864//	05110	88710			628	80510	56022	11306	863//	04306	88709			628	00051	05	+	+	26																
Aberporth	502	61016	56052	10806	30978	03119	83363	86272		502	81009	56052	11106	4647//	03303	84712	88462		502	97051	03	+	+	25																
Rhoose (Cardiff)	715	80716	37046	10506	854//	04115	88614			715	80816	32042	10206	864//	04002	88710			715	00051	05	+	+	24																
Plymouth	827	80807	56036	07109	35607	08213	83635	88270		827	80909	35055	08007	863//	06603	88709			827	94061	06	ir _o id _o	+	23																
Chivenor	707	80615	58206	09107	855//	05211	82714	88625		707	81012	40022	09607	856//	05101	87713	88630		707	97071	05	id _o	+	22																
St. Mawgan	817	60810	50808	06609	684//	09119	83815	85640		817	31012	56018	07606	15601	05205	81708	83072		817	02061	03	rrpr _o	+	21																
Culdrose	809	21106	64026	05409	28400	09220	81815			809	70816	50108	06309	784//	08500	82709	83812 87618		809	01081	06	pr _o	+	20																
Scilly	804	11112	74026	04911	15600	10223	81630			804	31117	59010	04611	32400	10102	83816			804	00101	//	+	+	19																
Elmdon	534	80612	58022	13605	864//	04107	88711			534	80610	62022	13405	864//	04500	88712			534	00051	04	+	+	18																
Shawbury	414	80812	40042	14006	854//	04208	88618			414	80712	57042	13506	854//	03601	88618			414	00061	05	+	+	17																
Manchester	334	50518	61011	13506	55500	02801	85621			334	70624	62031	13107	5547//	03707	85619	87645		334	00060	04	+	+	16																
Squires Gate	318	30713	60011	14706	00901	03207	83075			318	80712	62021	15207	855//	04303	88620			318	00051	02	+	+	15																
Valley	302	70628	59042	11607	35502	03000	83628	87070		302	80722	61032	12406	15637	03400	81630	84362 88270		302	00061	04	+	+	14																
Ronaldsway	204	50934	64012	15207	45632	03010	84635			204	70929	64032	15108	754//	04103	83615	86635		204	00070	05	+	+	13																
Carlisle	222	70606	59022	19106	755//	02001	82620	87626		222	40618	62011	18706	45500	02601	84625			222	00051	02	+	+	12																
Watnall	354	70719	59012	14605	764//	03006	87714			354	70714	59012	14205	754//	03503	87617			354	00051	02	+	+	11																
Spurn Head	396	50920	58012	15708	55500	05106	85625			396	80820	57022	15307	855//	05601	84820	86625		396	00060	//	+	+	10																
Finningley	360	80508	59021	16307	854//	04106	88619			360	80607	61032	16007	854//	05301	88617			360	00061	03	+	+	9																
Dishforth	261	80610	58042	17907	855//	04400	86623	88630		261	80610	58042	17806	854//	03304	88619			261	00061	05	+	+	8																
Tynemouth	262	80720	61022	20407	855//	04601	88625			262	70820	66022	19707	756//	03400	87630			262	00071	05	+	+	7																
Eskdalemuir	162	50515	66031	19904	55500	01306	85622			162	70510	59031	20004																											

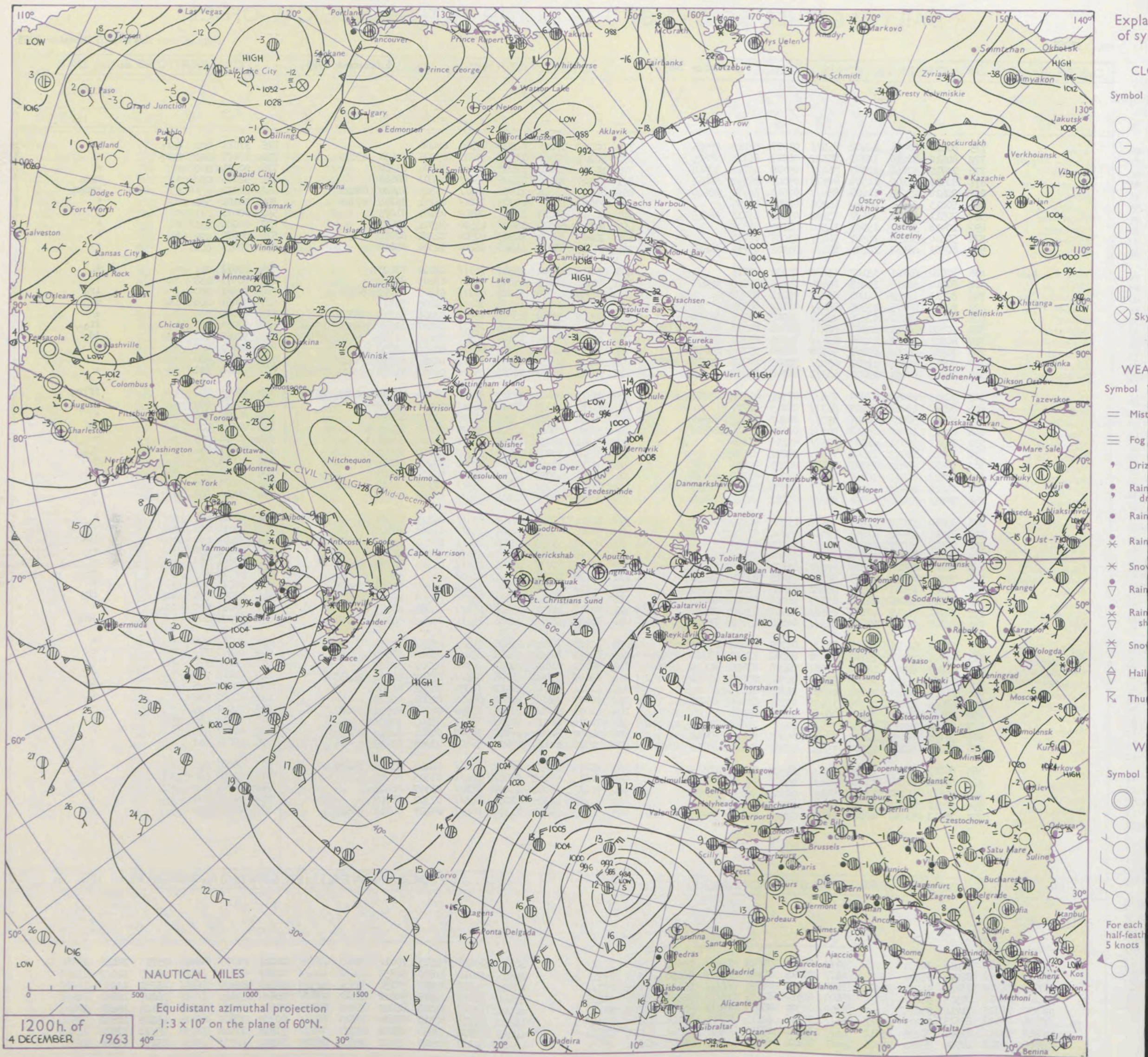
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37268

Date of Issue Thursday 5 December 1963

Code FM 11.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T ₊ E	SSS	WEATHER		
																									09h.—15h.	15h.—21h.
Kew		775	80611	40056	12407	85511	03007	84712	88625		775	00412	60021	12706	00900	02400					775	97071	000	r ₀ r ₀	+	
London Airport		772	80512	30216	12707	85511	04007	86715	88625		772	30207	37041	13505	15601	03205	81630	83075			772	97071	000	r ₀ r ₀	+	
Gatwick		776	70712	37042	12307	36471	05108	83710	87360		776	50306	37042	12605	50930	03104	85360				776	00071	000	+	+	
Thorney Island		871	80507	19102	11308	80971	05007	86359	88462		871	80509	28056	12106	85611	03207	88648				871	92081	000	+	r ₀ r ₀	
Hurn		862	80410	29052	11408	85511	07010	84710	88620		862	80309	28616	11906	85511	05309	84620	88622			862	01091	111	+	irr ₀ r ₀	
Guernsey		894	50813	58051	08010	46202	08004	84705			894	71009	48052	09709	76211	08211	85704	87708			894	00101	036	+	+	
Wattisham		590	70511	40052	13607	65402	03801	83711	86615		590	10311	58021	14003	00902	02101	81075				590	00071	111	+	+	
Gorleston		497	10918	58051	15307	14500	04105	81625			497	40720	60030	15007	45500	04301	84620				497	00080	030	+	+	
Mildenhall		578	50610	56052	14307	56411	03003	85712			578	20207	58021	14903	00902	02205	82070				578	00070	024	+	+	
Cardington		559	80309	48052	14206	85411	04202	85712	88617		559	50310	58031	14903	55400	02306	85619				559	00071	000	+	+	
West Raynham		485	10620	59021	15107	15402	03002	81615			485	70515	56021	15505	75511	03204	87623				485	00071	041	+	+	
Wittering		462	50614	48012	15207	15401	04105	81615	85075		462	70413	59041	15805	75511	03205	87622				462	00071	038	+	+	
Boscombe Down		746	80613	19052	12406	86311	05011	88707			746	70509	48056	13205	65711	01305	84712	86656			746	97061	000	+	ir ₀	
Ross-on-Wye		627	80609	48505	13505	86411	03107	88710			627	80510	48022	14506	86411	02209	88715				627	97061	000	id ₀	+	
Bristol		628	80512	28052	12806	85411	04007	86709	88618		628	80409	32052	13606	85411	03209	84711	88618			628	00061	000	+	+	
Aberporth		502	70708	56056	12307	46471	03003	84718	85360	87364	502	71013	48056	13206	25571	02107	81720	85360	87462		502	97081	000	+	ir ₀	
Rhoose (Cardiff)		715	80817	32042	12206	85411	04005	85708	88615		715	80618	32202	13105	55571	03210	81712	85625	88459		715	97061	000	+	id ₀	
Plymouth		827	70918	26042	09107	56308	06400	85706	85270		827	80813	21042	10707	86311	06216	88708				827	00081	003	+	+	
Chivenor		707	80913	32052	11007	85411	05003	82707	85709	88612	707	80914	48052	12407	85411	04214	86710	88618			707	00071	000	+	+	
St. Mawgan		817	70509	50051	09207	66312	06008	86708			817	60711	28052	10207	65411	06212	81707	83612	85624		817	00081	001	+	+	
Culdrose		809	70915	28052	07809	75411	07304	81704	85708	87619	809	80913	08444	09009	86211	08310	82704	86705	88706		809	97091	000	+	ffir ₀	
Scilly		804	80923	48021	06509	86311	08215	88707			804	81118	32022	08610	86311	10211	88708				804	00111	008	+	+	
Elmdon		534	80710	58042	14606	85511	04202	84710	88620		534	10405	40011	15904	15500	03107	81620				534	00071	000	+	+	
Shawbury		414	80713	58042	15307	85411	04105	81615	88618		414	30307	58042	16304	35500	03209	83625				414	00071	000	+	+	
Manchester		334	70313	56032	16007	75511	02114	87620			334	70511	56022	16405	75511	50206	87625				334	00070	005	+	+	
Squires Gate		318	70816	66022	16906	75511	03007	87622			318	50908	48042	17206	55500	03202	85625				318	00071	012	+	+	
Valley		302	70628	58042	13707	25678	04203	82630	87270		302	20720	58040	14606	00908	03205	82070				302	00081	000	+	+	
Ronaldsway		204	50827	62011	16807	58400	03007	81818	85628		204	41027	62011	16907	35502	03202	83625				204	00080	020	+	+	
Carlisle		222	70615	66021	19607	75511	03307	81718	84623	87630	222	80715	66032	19806	85511	02110	84624	88628			222	00071	000	+	+	
Watnall		354	70817	33022	15806	75511	04002	83715	87620		354	70712	48012	16605	75511	03208	87622				354	00071	001	+	+	
Spurn Head		396	70910	32012	17408	78511	05208	84820	86625		396	80514	57032	17107	85511	04001	88625				396	00090	000	+	+	
Finningley		360	70511	58042	17607	75511	04004	87620			360	80508	56042	17906	85511	03106	88625				360	00071	003	+	+	
Dishforth		261	70607	62022	18906	75511	02001	87620			261	80610	59055	18706	85411	03301	83617	88620			261	97061	000	+	id ₀	
Tynemouth		262	70617	61022	21007	75611	03201	87630			262	70715	61022	20007	75611</											

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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Wind
speed
(knots)

Calm

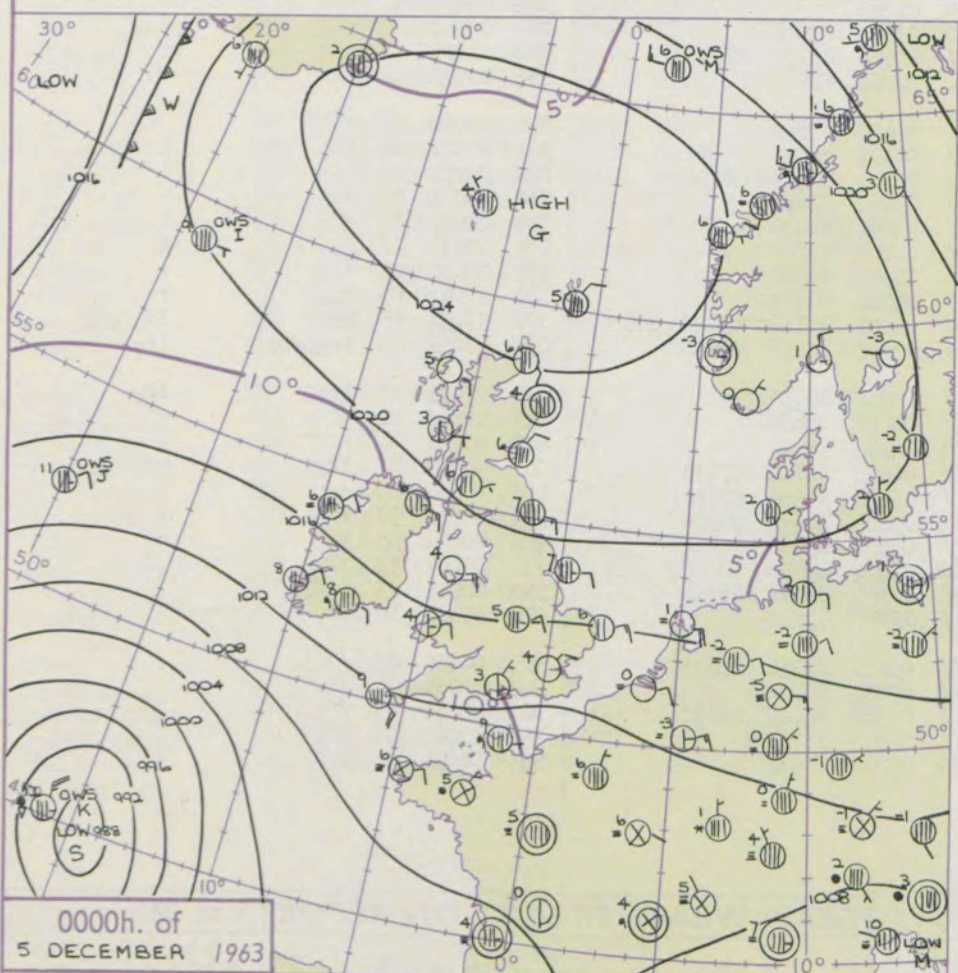
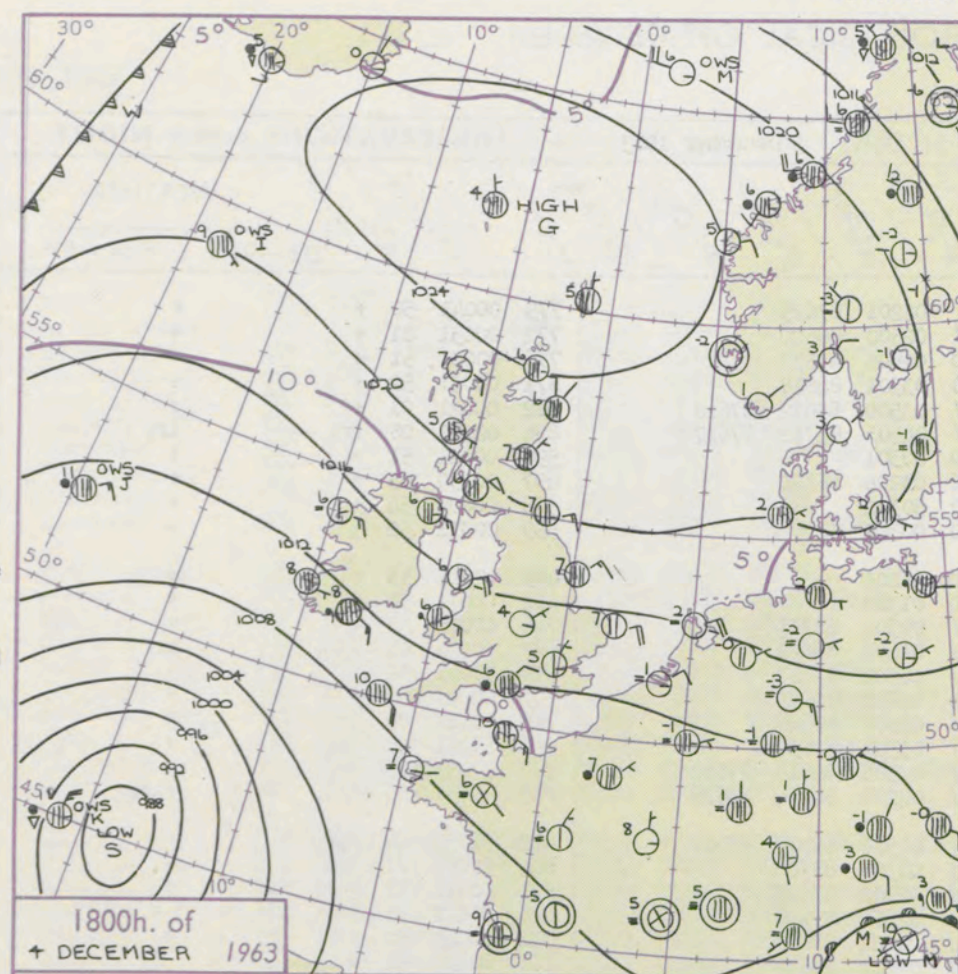
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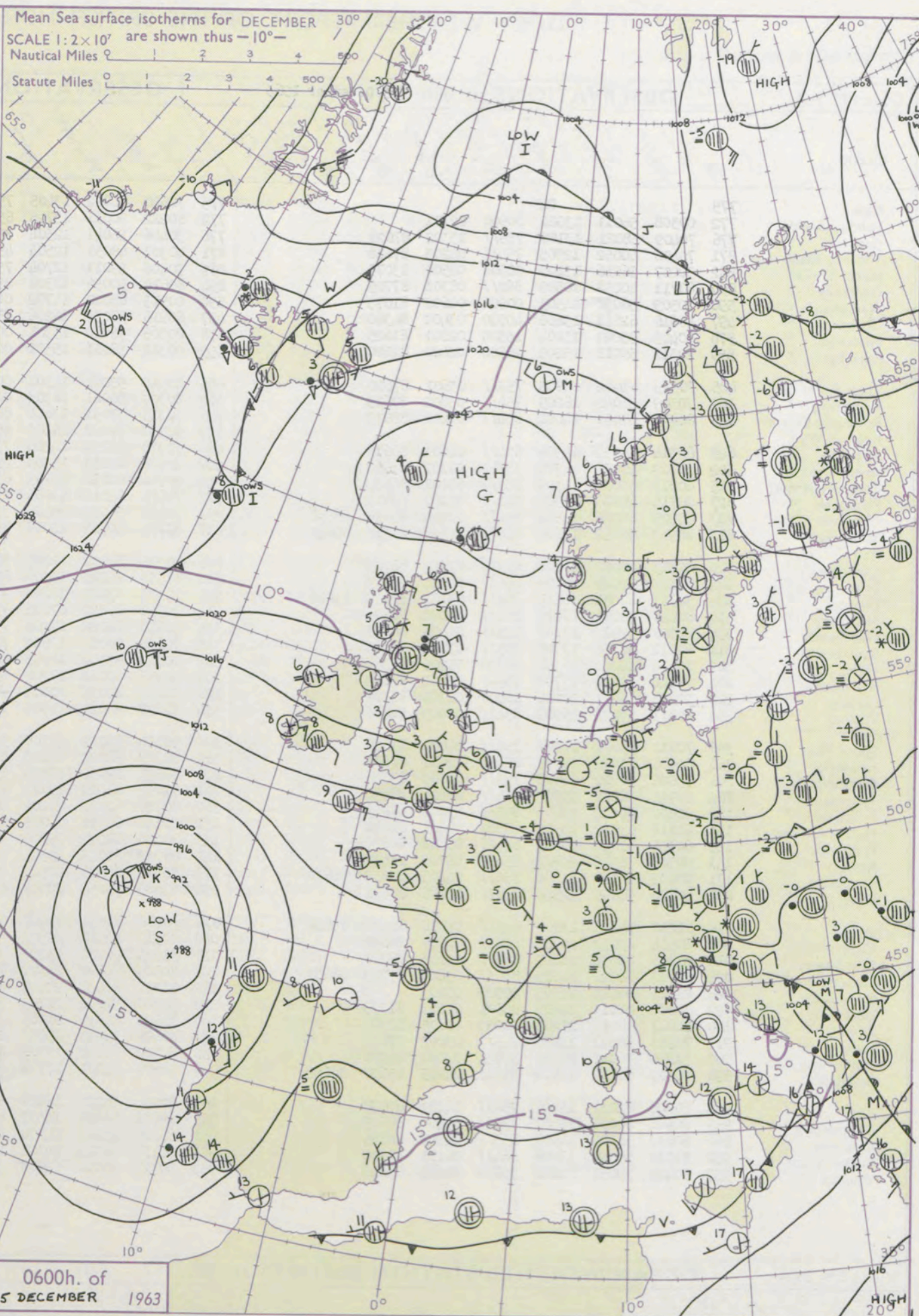
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additional
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GENERAL SYNOPTIC DEVELOPMENT

An anticyclone off northeast Scotland and a depression off northwest Spain will both persist, each probably moving a little southeast. Another anticyclone in mid-Atlantic will move northeast to link up, in due course, with that near northeast Scotland. Pressure will remain rather low across the western Mediterranean. A depression is expected to form near south Greenland and move northeast into the Denmark Strait.



Issued at midday Thursday 5 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will be sunny this afternoon in parts of Wales, and some sunny periods will also occur in places in northwest England and southwest Scotland. Otherwise weather over the British Isles will be predominantly cloudy today and tonight, but mostly dry. It will be rather cold in the southern half of England and Wales.

OUTLOOK for following 24 hours
Little significant change.

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

OBSERVATIONS at 00h. 5 December 1963												OBSERVATIONS at 06h. 5 December 1963												OBSERVATIONS during NIGHT												CONV TA °C
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER														
																						21h.—03h.	03h.—09h.													
Kew	775			04						775	70510	60022	13405	755//	02201	87625				775	00041	50	+		+	40										
London Airport	772	00308	56011	13904	00900	02701				772	60212	50011	13705	655//	02500	86620				772	00031	01	+		+	39										
Gatwick	776	70409	58021	13106	755//	03302	87620			776	30406	56041	12504	35400	02806	83617				776	00031	51	+		+	38										
Thorney Island	871	70406	40052	12905	754//	04203	87618			871	40307	48051	12504	45400	03301	84618				871	00031	52	+		+	37										
Hurn	862	30207	56016	13103	00908	02500	83075			862	70406	59011	12704	754//	03500	85612	87618			862	00021	01	+		+	36										
Guernsey	894	80711	40052	10509	862//	08301	87705			894	80614	50056	10308	854//	04503	83712	87617			894	02071	06	ir ₀		ir ₀	35										
Wattisham	590	10509	56030	14503	00901	01602	81075			590	00513	48020	14702	00900	00301				590	00011	51	+		+	34											
Gorleston	497	40616	62011	15406	40970	03400	84360			497	60916	58031	16206	65500	03204	86624				497	00050	03	+		+	33										
Mildenhall	578	10405	59021	15104	15500	02801	81625			578	00305	56020	15301	00900	50302				578	00000	54	+		+	32											
Cardington	559	20311	59011	15203	25500	02400	82620			559	00311	58011	15301	00900	00302				559	00011	52	+		+	31											
West Raynham	485	70515	61022	15905	755//	03601	87620			485	00510	59021	16501	00900	51205				485	00511	53	+		+	30											
Wittering	462	70309	58042	16205	754//	03802	87619			462	00309	56041	16303	00900	01303				462	00011	51	+		+	29											
Boscombe Down	746	80409	37051	14004	854//	02400	88615			746	80313	37051	13404	864//	02501	88711				746	00011	51	+		+	28										
Ross-on-Wye										627	80510	57022	15105	855//	01602	88620				627	00031	01	+		+	27										
Bristol	628	60314	56052	14304	654//	02801	86618			628	70310	58051	14204	754//	02502	87617				628	00021	51	+		+	26										
Aberporth	502	30709	48051	14704	35740	01107	83650			502	20910	48050	15203	25500	00702	82625				502	00021	53	+		+	25										
Rhoose (Cardiff)	715	60817	59012	14105	656//	01001	86635			715	60716	62031	13705	656//	01607	86640				715	00041	02	+		+	24										
Plymouth	827	80715	48606	12306	864//	05207	88713			827	70615	62016	12005	756//	03501	87630				827	97041	02	ir ₀		+	23										
Chivenor	707	80905	48026	13506	854//	03204	83618	88628		707	70910	56032	13406	754//	02505	86615	87618			707	97051	03	ir ₀		+	22										
St. Mawgan	817	80913	37052	11606	856//	05502	81710	88630		817	80706	40616	12005	855//	04200	84714	88628			817	97031	03	+		r ₀ r ₀	21										
Culdrose	809	80813	40052	11208	863//	07311	88705			809	80911	56052	11007	863//	04502	84709	88712			809	97050	04	r ₀ r ₀		+	20										
Scilly	804	81118	32022	10809	864//	09210	88713			804	81014	44025	10909	863//	08304	88708				804	92081	//	id ₀		+	19										
Elmdon	534	70612	66031	16205	755//	03101	85620	87631		534	70307	62022	16203	755//	02202	87625				534	00021	51	+		+	18										
Shawbury	414	80610	48041	17005	855//	02000	88621			414	70710	48042	17005	755//	02500	87624				414	00011	51	+		+	17										
Manchester	334	60508	59012	17106	655//	01400	86625			334	70610	66022	17205	755//	01204	87623				334	00040	02	+		+	16										
Squires Gate	318	80711	66022	17706	855//	03604	88623			318	70606	70022	17804	756//	03202	87633				318	00031	51	+		+	15										
Valley	302	10814	59040	16304	10930	01205	81365			302	00610	59040	16803	00900	01202				302	00031	51	+		+	14											
Ronaldsway	204	70820	62021	17707	755//	03602	87623			204	50918	62012	17707	55500	03601	85628				204	00060	04	+		+	13										
Carlisle	222	10304	66011	20204	10930	02301	81362			222	70402	66031	20102	756//	01304	82630	87635			222	00021	54	+		+	12										
Watnall	354	80811	63022	16905	854//	03003	88616			354	10605	62011	16804	15500	02302	81622				354	00031	52	+		+	11										
Spurn Head	396	70812	59022	17507	755//	04400	87625			396	50810	59012	17508	55500	04400	85625				396	00060	//	+		+	10										
Finningley	360	80406	61032	18006	854//	04801	88617			360	80307	58022	17905	855//	03101	88623				360	00041	02	+		+	9										
Dishforth	261	73606	66012	18606	755//	03705	87626			261	80605	62032	18805	855//	02204	86623	88628			261	00051	04	+		+	8										
Tynemouth	262	80915	74022	19907	856//	02804	88630			262	71215	66022	19707	756//	03400	87630				262	00061	05	+		+	7										
Eskdalemuir	162	80602	70032	20405	855//	03001	88625			162	80701	62032	20204	856//	03301	88630				162	00031	52	+		+	6										
Mull of Galloway	131	51118	63012	18906	4553/	04801	81620			131	21120	66011	19005	25600	04401	82630				131	00051	//	/		/	5										
Prestwick	135	60705	62012	20006	656//	03001	86637			135	70000	62022	19905	756//	04303	87640				135	00031	01	+		+	4										
Renfrew	141	80709	56505	20707	856//	05703	88632			141	80707	62025	20307	856//	04202	88637				141	97061	05	id ₀		+	3										
Leuchars	171	80209	66022	21306	856//	04803	83630	88640		171	80513	66586	20507	855//	04201	83716	87623	88630		171	97051	05	ir ₀		id ₀ r ₀ r ₀	2										
Dyce	091	80000	56055	22504	856//	03808	88631			091	83403	58052	22005	854//	03601	85616	88630			091	97051	03	ir ₀ d ₀ d ₀		ir ₀	1										
Wick	075	61210	74216	23206	655//	01804	82620	85630		075	60908	74012	22406	656//	03601	86630				075	97051	02	ir ₀		ir ₀	0										
Cape Wrath	049	80914	83022	22206	856//	04707	88630			049	80910	86021	22505	856//	02201	88630				049	00040	02	+		+	-1										
Sule Skerry	010	81105	81032	24607	865//	02203	88720			010	31005	82021	23407	35500	02705	83625				010	00060	04	/		/	-2										
Lerwick	005	80211	66026	24805	856//	05805	83703	88630		005	70505	74508	23906	754//	04603	83711	87630			005	94051	03	ir ₀ d ₀		pr ₀ id ₀	-3										
Stornoway	026	01011	80011	22905	00900	03103				026	81011	66031	22606	856//	03400	83630	88650			026	00050	03	+		+	-4										
Benbecula	022	10000	82111	21401	00901	01001	81075			022	70000	82031	21703	755//	03204	82621	87625			022	00511	57	+		+	-5										
Tiree	100	20807	86011	21203	20930	02105	82360			100	70605	86031	21105	756//	03202	87633				100	00001	55	+		+	-6										
Aldergrove	917	70913	66021	19006	755//	03002	8762/			917	20606	59011	19003	25600	01500	82630				917	00001	53	+		jf	-7										
Malin Head	980	51210	74021	19306	5093/	03001	85360			980	80000	74032	19506	5553/	04304	85626	88360			980	00051	03	/		/	-8										
Belmullet	976	80509	62101	17606	5562/	04205	85630	88458		976	70609	62101	17706	756//	03302	87630				976	97031	50	/		/	-9										
Birr	965	70608	62032	15706	756//	04103	87637			965	80204	56102	16605	854//	03205	82716	88635			965	00051	03	/		/	-10										
Collinstown	969	80904	66022	16607	855//	03400	88625			969	80812	66022	16607	855//	02301	88624				969	00061	06	/		/	-11										
Rineanna	962	80610	56102	14907	855//	04308	88625			962	80609	48102	15506	855//	03303	84620	88630			962	00061	05	/		/	-12										
Roches Point	952	81010	59505	13608	864//	06211	88710			952	81111	62025	14108	864//	05203	88717				952	97061	05	/		/	-13										
Valentia	953	50409	59051	12808	55600	04009	85630			953	30717	59051	12908	35600	05304	83630				953	00061	01	/		/	-14										
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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37269

Date of Issue Friday 6 December 1963

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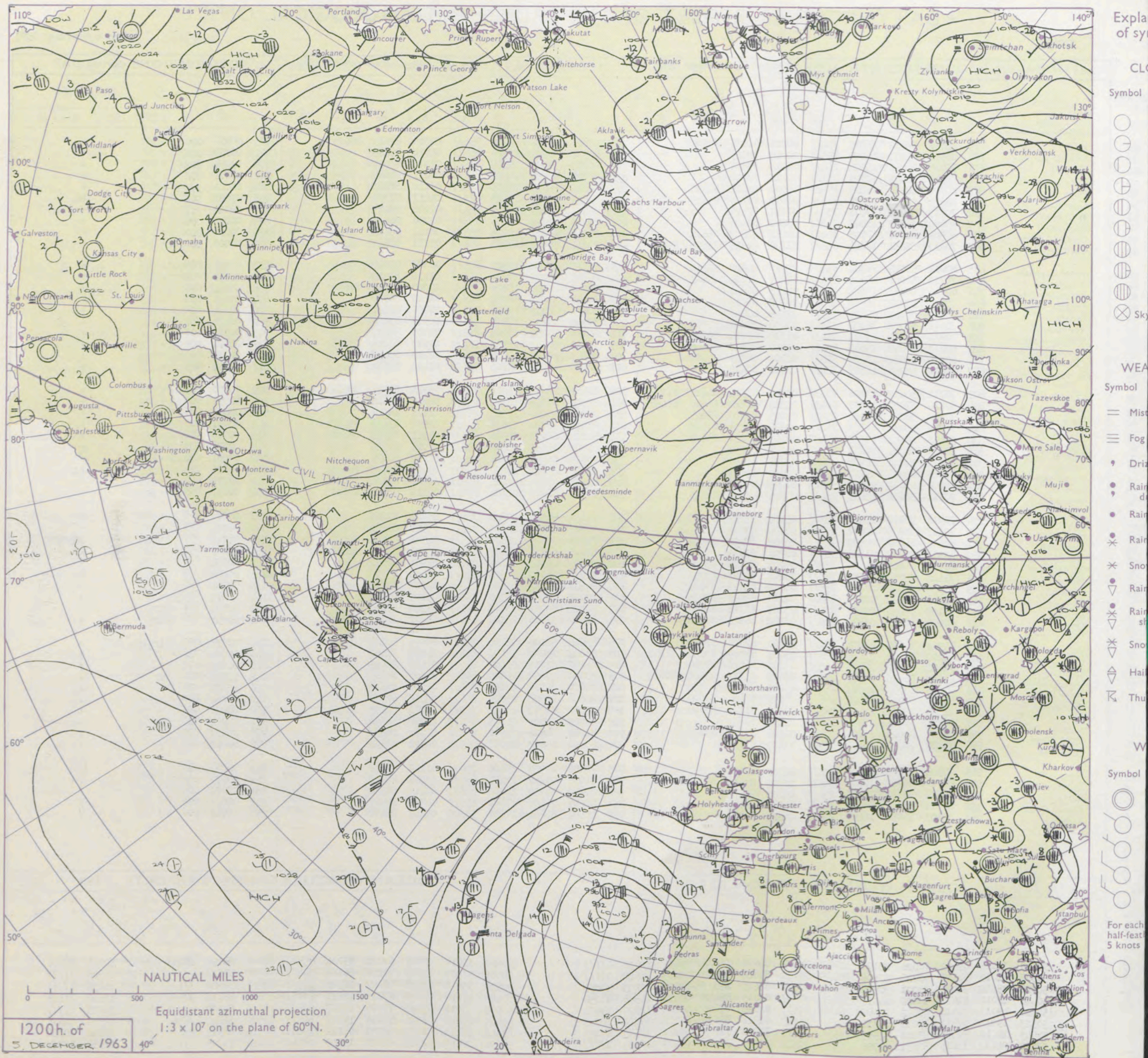
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Code FM II.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T _x E	SSS	WEATHER		
																									09h.—15h.	15h.—21h.
Kew	775	70617	57052	15705	754/1	00211	84615	87620			775	70815	66022	17205	754/1	00310	82615	86623		775	00061	000	+		+	
London Airport	772	80514	45032	16105	855/1	02210	88625				772	80512	50042	17305	855/1	01110	88620		772	00051	000	+		+		
Gatwick	776	70816	56051	15504	754/1	01113	87616				776	80710	48052	16904	854/1	01314	88619		776	00051	002	+		+		
Thorney Island	871	70710	40052	14805	754/1	02211	87618				871	80715	56052	16404	855/1	00211	88620		871	00061	006	+		+		
Hurn	862	80709	48051	14205	854/1	02004	82618	88620			862	80610	50052	15905	855/1	00210	88623		862	00061	///	+		+		
Guernsey	894	70614	56052	11808	585/3	04003	83820	85635			894	80815	28505	13507	863/1	05217	87707		894	97081	001	+		1d _o		
Wattisham	590	70713	58022	17404	754/1	01111	87616				590	80613	56022	18903	854/1	01208	88619		590	00041	///	+		+		
Gorleston	497	70820	58052	18505	755/1	03210	87620				497	71017	62022	20005	755/1	02206	87620		497	00050	000	+		+		
Mildenhall	578	80809	61031	17805	854/1	02212	82615	88618			578	80511	66022	19204	855/1	00211	88622		578	00050	000	+		+		
Cardington	559	70613	59031	17604	755/1	01209	82718	84625	87635		559	80611	58022	18904	854/1	01111	88619		559	00040	000	+		+		
West Raynham	485	80917	59031	18304	854/1	02207	86612	88615			485	80715	61012	19303	855/1	00209	88624		485	00051	003	+		+		
Wittering	462	70713	58041	18704	754/1	01207	81616	87620			462	80615	59042	19804	855/1	01110	88620		462	00051	000	+		+		
Boscombe Down	746	60716	40051	15604	654/1	01108	86614				746	70706	37052	16804	755/1	00209	83712	87620	746	00041	000	+		+		
Ross-on-Wye	627	70610	57021	16904	755/1	00108	87625				627	80410	57022	18004	865/1	01107	88720		627	00051	022	+		+		
Bristol	628	70713	56051	16105	755/1	02109	87620				628	80611	48052	17204	855/1	01006	88621		628	00051	018	+		+		
Aberporth	502	30612	62021	16306	11541	01004	81822	83072			502	30905	48050	17803	35500	00315	83625		502	00071	061	+		+		
Rhoose (Cardiff)	715	70712	56031	15905	754/3	01309	82618	86625			715	80817	56052	17004	855/1	00309	88622		715	00051	000	+		+		
Plymouth	827	80613	48042	14105	854/1	03110	82618	88625			827	70416	40042	15305	754/1	02113	83614	87626	827	00061	000	+		+		
Chivenor	707	60914	58052	15406	655/1	02108	86625				707	80809	40052	17205	854/1	02219	88617		707	00071	010	+		+		
St. Mawgan	817	70612	58056	14305	754/1	02006	87614				817	80510	48052	14503	856/1	01214	88634		817	00051	005	+		+		
Culdrose	809	70712	50052	13106	755/3	03205	83712	84623	87368		809	80611	28052	14205	855/1	03213	85711	88622	809	00070	013	+		+		
Scilly	804	80816	57022	13807	684/3	05214	81812	86616	88458		804	80814	48022	14407	854/1	06208	88615		804	00091	000	+		+		
Elmdon	534	70708	50051	18004	754/1	02205	83615	87625			534	80710	58052	19504	855/1	01111	88621		534	00051	007	+		+		
Shawbury	414	70709	56041	18505	754/1	03005	82618	87625			414	81008	56042	19605	854/1	02208	83618	88622	414	00061	015	+		+		
Manchester	334	50613	48041	18507	58400	00105	81815	85620			334	80808	61022	19906	855/1	01311	84625	88630	334	00070	020	+		+		
Squires Gate	318	10909	58041	19007	15701	04101	81650				318	60809	24041	20404	656/2	02211	86635		318	00071	039	+		+		
Valley	302	10711	59040	18007	15630	02206	81630				302	20810	56040	19005	00902	01208	82075		302	00081	056	+		+		
Ronaldsway	204	71018	69022	19707	755/1	03009	87625				204	71020	62021	20507	755/1	03208	82625	86633	204	00080	021	+		+		
Carlisle	222	60808	62032	21306	55645	01206	85638	84275			222	80507	48032	22004	856/1	02205	86634	88648	222	00071	006	+		+		
Watnall	354	70711	50031	18605	754/1	03204	83710	87615			354	80912	56022	20104	854/1	02110	83614	88620	354	00051	005	+		+		
Spurn Head	396	70914	59022	19507	755/1	05209	87625				396	71414	59022	20406	755/1	03207	87625		396	00070	000	+		+		
Finningley	360	70507	59042	19807	755/1	03105	87625				360	80807	58042	21105	855/1	03309	88624		360	00071	005	+		+		
Dishforth	261	70505	64032	20507	755/1	03305	82620	87625			261	80603	60022	21605	855/1	04308	83620	88628	261	91071	000	+		1d _o d _o r _o		
Tynemouth	262	81008	66022	21707	856/1	01206	88630				262	81015	66258	22107	885/1	03306	83825	88630	262	97081	000	+		pr _o		
Eskdalemuir	162	80705	66012	21505	855/1	03204	81710	88628			162	80705	66032	22103	856/1	01203	88632		162	00051	000	+		+		
Mull of Galloway	131	71114	78031	20506	785/1	03208	81825	87630			131	81414	66032	21206	874/1	03205	88718		131	00081	///	/		/		
Prestwick	135	71106	56042	20106	755/1	04005	81625	87635			135	80407	58042	21806	855/1	01107	82625	88634	135	00061	000	+		+		
Renfrew	141	80806	28042	22007	855/1	04208	81625	88635			141	80707	28042	22906	856/1	03209	88640		141	00071	000	+		+		
Leuchars	171	81109	70026	22207	856/1	03107	81718	88630			171	80000	60022	23205	856/1	03208	88632		171	97071	001	ir _o		+		
Dyce	091	80000	48046	23505	855/1	03102	86625	88630			091	80000	32046	24104	855/1	03207	82625	88634	091	97051	000	ir _o				

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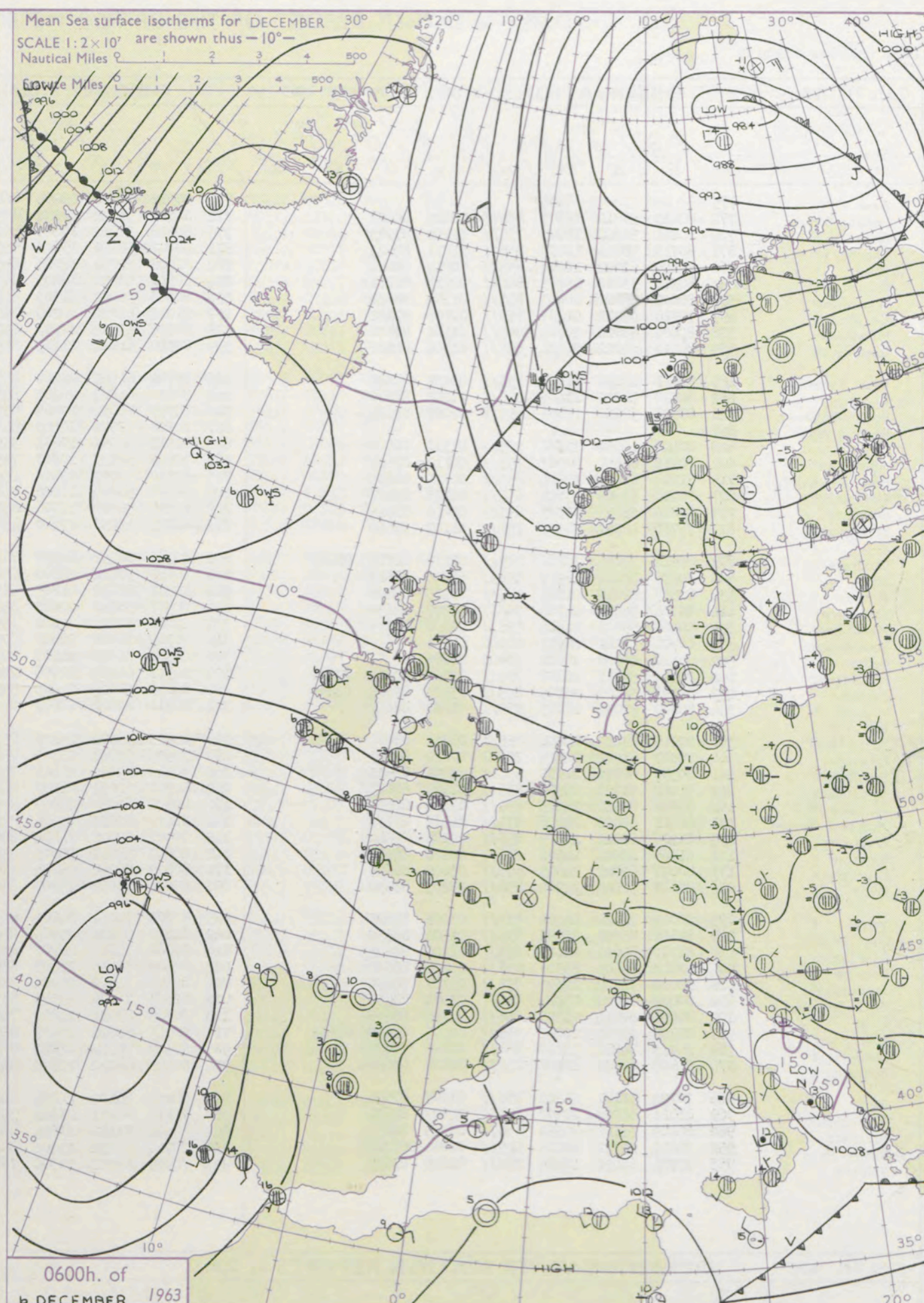
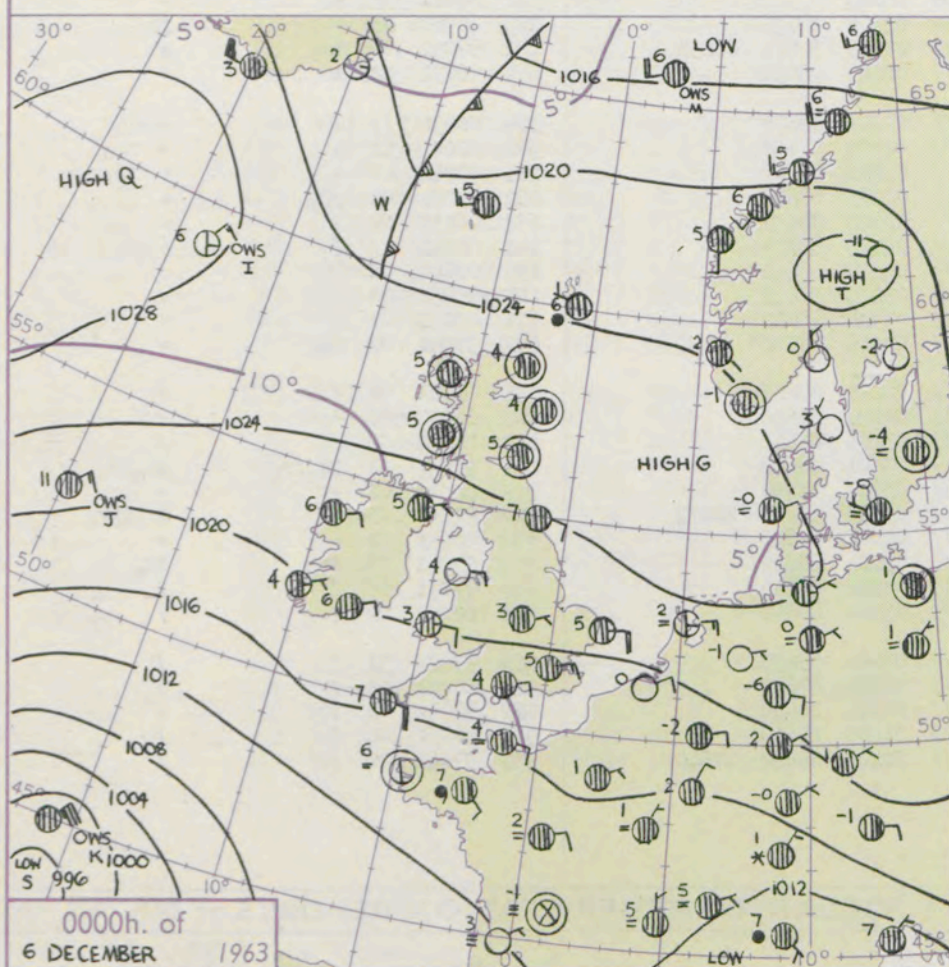
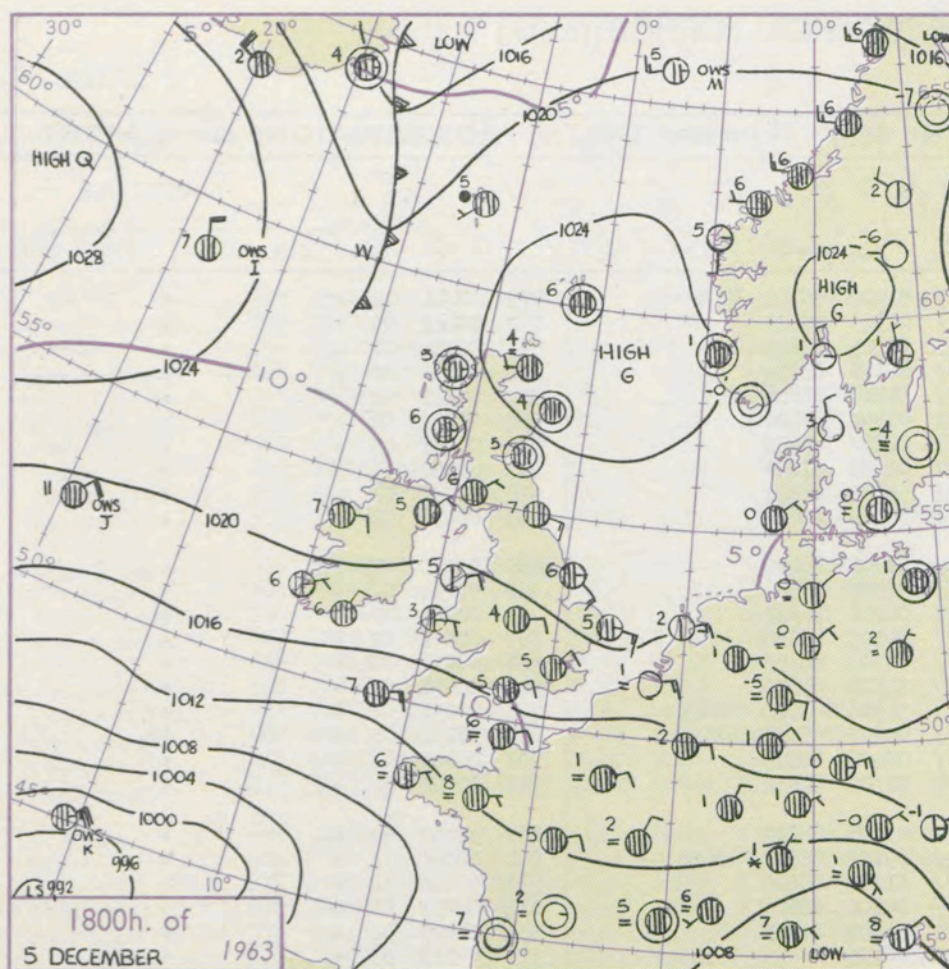
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday

Friday 6 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The anticyclone which has been moving northeast across mid-Atlantic will move east to near North Scotland as a deep trough of low pressure moves southeast over Scandinavia, and a strong ridge from this anticyclone will extend southeast to east Germany. The depression west of Spain will persist, and a trough of low pressure will move northeast in the Davis Strait.

Weather over the British Isles will remain predominantly cloudy, with breaks in the cloud chiefly occurring only in northwest England and west Wales. Apart from a little rain here and there in Scotland, weather will be dry. It will be cold in England and Wales, with slight frost at night in a few districts.

OUTLOOK for following 24 hours.
Mostly dry, but cloudy. Cold in the south.

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

OBSERVATIONS at 00h. 6 December 1963										OBSERVATIONS at 06h. 6 December 1963										OBSERVATIONS during NIGHT										CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h M _h H _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h M _h H _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER		iii	RRT _n T _n E	T _g T _g	21h.—03h.	03h.—09h.		
																						21h.—03h.	03h.—09h.							
Kew	775				04					775	80512	70022	19204	86411	51202	85712	88720			775	00041	04	+		+					40
London Airport	772	80613	50012	19305	85511	00109	88625			772	80411	56022	19904	85511	01303	88623			772	00041	03	+		+						39
Gatwick	776	70811	59022	18903	75511	51209	87623			776	80808	59022	19803	85511	51305	88625			776	00031	02	+		+						38
Thorney Island	871	80713	56022	18803	85511	51211	88623			871	80707	56052	19603	85511	50305	88624			871	00031	02	+		+						37
Hurn	862	80809	62022	18204	85511	00210	88621			862	80706	56052	19203	85511	51210	88624			862	00031	02	+		+						36
Guernsey	894	80714	33052	15805	86411	02213	88711			894	80911	58052	16603	85511	00303	87620			894	00031	02	+		+						35
Wattisham	590	80606	56022	20403	85511	01208	88620			590	80508	56022	21303	85511	00203	88622			590	00031	02	+		+						34
Gorleston	497	70918	62022	21405	75511	02105	87622			497	71017	62022	22205	75511	01203	87620			497	00040	03	+		+						33
Mildenhall	578	80607	63022	20704	85511	01106	88624			578	80706	63022	21703	85511	50105	88624			578	00030	02	+		+						32
Cardington	559	80411	62022	20404	85511	01106	88625			559	80510	61022	21303	85511	50103	88626			559	00031	02	+		+						31
West Raynham	485	80811	62012	21403	85511	00209	88623			485	80711	61022	22203	85511	51305	88622			485	00031	02	+		+						30
Wittering	462	80510	58022	21403	85511	01205	88620			462	80710	61022	22203	85511	51305	88621			462	00031	02	+		+						29
Boscombe Down	746	80808	50052	18803	85511	01207	88624			746	80705	56052	19603	85511	00206	88629			746	00021	02	+		+						28
Ross-on-Wye	627									627	80608	57022	20503	86511	00305	88720			627	00031	02	+		+						27
Bristol	628	80408	48052	19304	85511	01210	88620			628	80511	56052	19804	85511	00303	88623			628	00031	02	+		+						26
Aberporth	502	70912	48051	20003	75511	00110	87621			502	70805	58052	20303	75511	51303	87629			502	00021	51	+		+						25
Rhoose (Cardiff)	715	81014	61052	19404	85511	00214	88625			715	80910	59052	19604	85511	51306	83620	88629		715	00031	03	+		+						24
Plymouth	827	80410	58022	17704	85511	01113	88620			827	80410	56025	18204	85411	00203	83615	88625		827	97031	03	+		id _o						23
Chivenor	707	80808	56022	18705	85511	00009	88625			707	80811	56022	19304	85511	00208	88625			707	00041	03	+		+						22
St. Mawgan	817	70710	40051	17303	75611	01107	87640			817	40813	40051	17203	45600	01302	84634			817	00021	00	+		+						21
Culdrose	809	80814	37055	16206	85511	02210	84717	88620		809	80913	28052	16306	86411	03203	88710			809	97041	04	id _o		+						20
Scilly	804	80920	40022	16107	85411	05206	88611			804	80916	57022	16508	65421	05102	86617	88458		804	00061	11	+		+						19
Elmdon	534	80607	69012	21203	85511	00105	88628			534	80811	66022	21803	85511	51205	88626			534	00021	51	+		+						18
Shawbury	414	80704	56042	21704	85611	01307	88630			414	80807	58042	22403	85511	00106	88623			414	00031	02	+		+						17
Manchester	334	60408	59031	21504	65611	00102	86637			334	20000	62011	22402	15501	51204	81625			334	00020	54	+		+						16
Squires Gate	318	00704	37041	22003	00900	01106				318	00709	69021	22802	00900	00105				318	00513	55	+		+						15
Valley	302	00810	56040	20604	00900	01206				302	00504	56040	21502	00900	00204				302	00011	53	+		+						14
Ronaldsway	204	70913	59012	22107	75511	03103	82625	87640		204	20916	66011	22706	25600	03303	82635			204	00060	03	+		jp						13
Carlisle	222	80803	58022	23805	85511	03105	82625	88635		222	80605	58025	24405	85511	03303	82625	88633		222	97051	04	id _o		+						12
Watnall	354	80810	62032	22003	85511	01010	88622			354	80911	62022	22603	85511	00203	88622			354	00031	02	+		+						11
Spurn Head	396	80915	59022	22206	85511	03211	88620			396	80915	59022	23206	85511	02207	88625			396	00050	11	+		+						10
Finningley	360	70807	61022	22704	75611	02210	87633			360	70905	62021	23304	75611	01302	87633			360	00021	52	+		+						9
Dishforth	261	80507	66016	22905	85611	03204	88633			261	70305	59022	24004	75611	03204	87640			261	00041	03	+		+						8
Tynemouth	262	81012	74028	23907	85511	02400	88625			262	80708	74022	24407	85611	02203	88630			262	97061	03	pr _o		+						7
Eskdalemuir	162	80706	62022	21303	85611	02107	88633			162	80602	62012	24803	85611	02304	88635			162	00031	02	+		+						6
Mull of Galloway	131	81411	63022	22606	87411	04																								

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

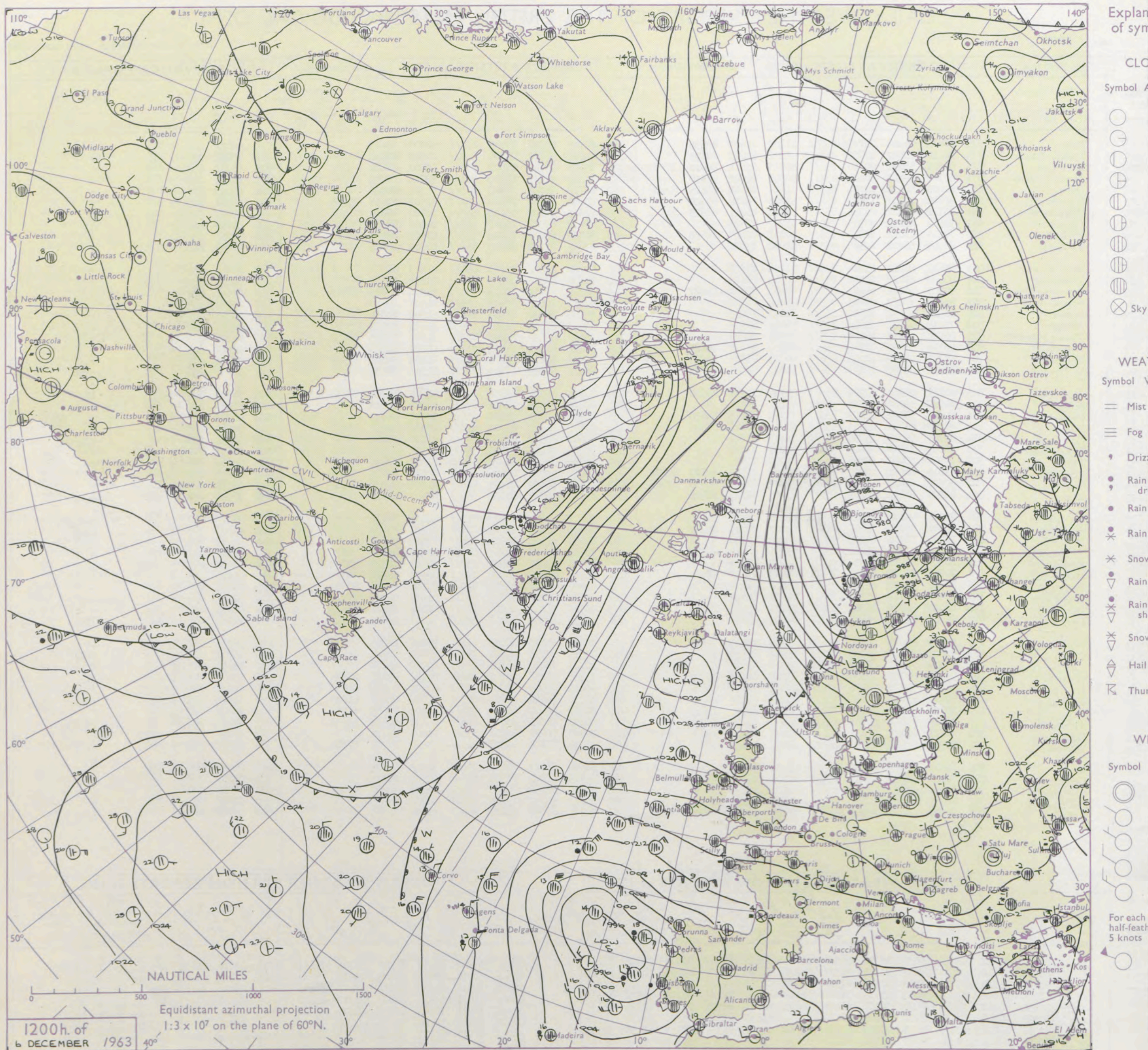
No. 37270

Date of Issue Saturday 7 December 1963

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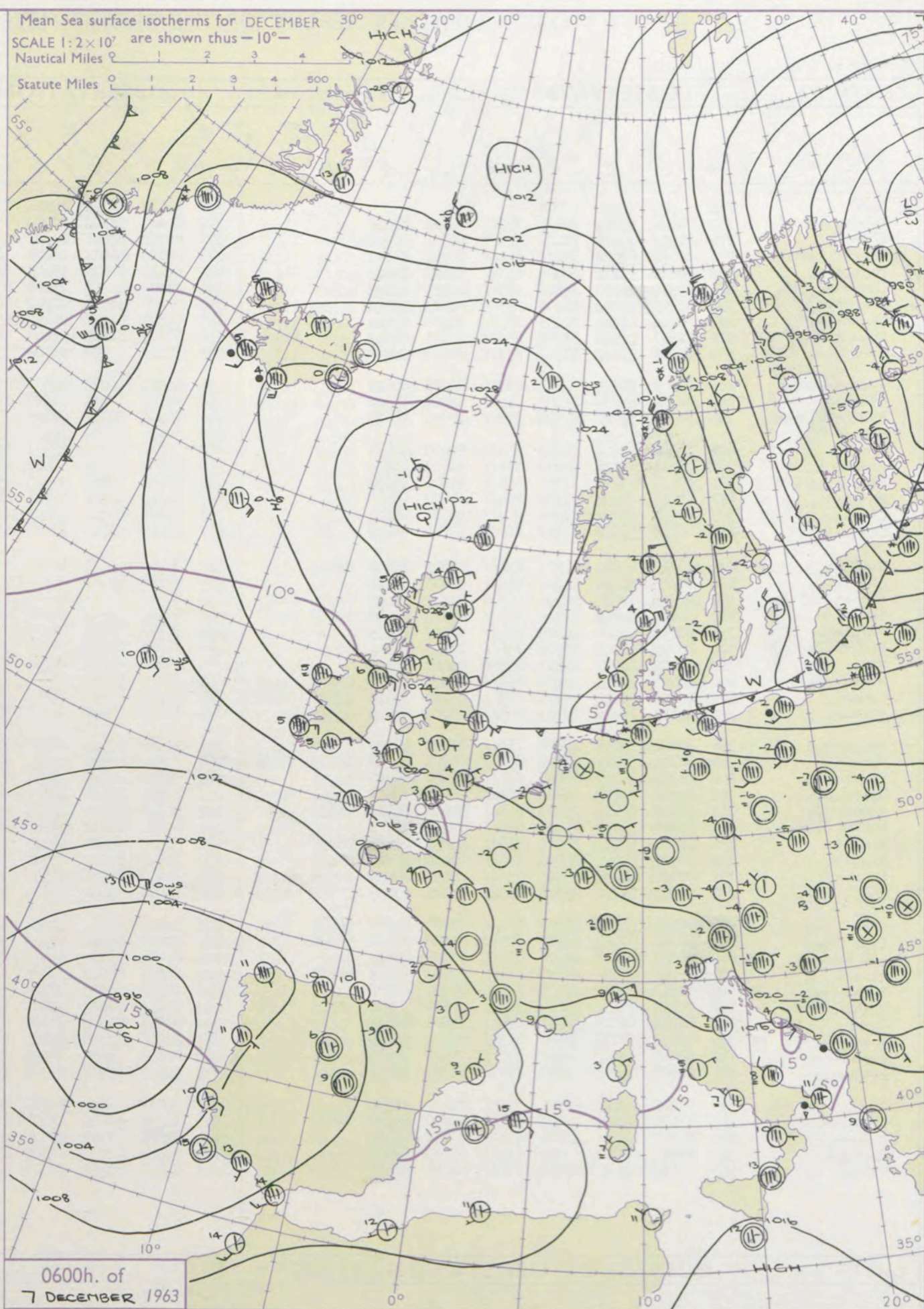
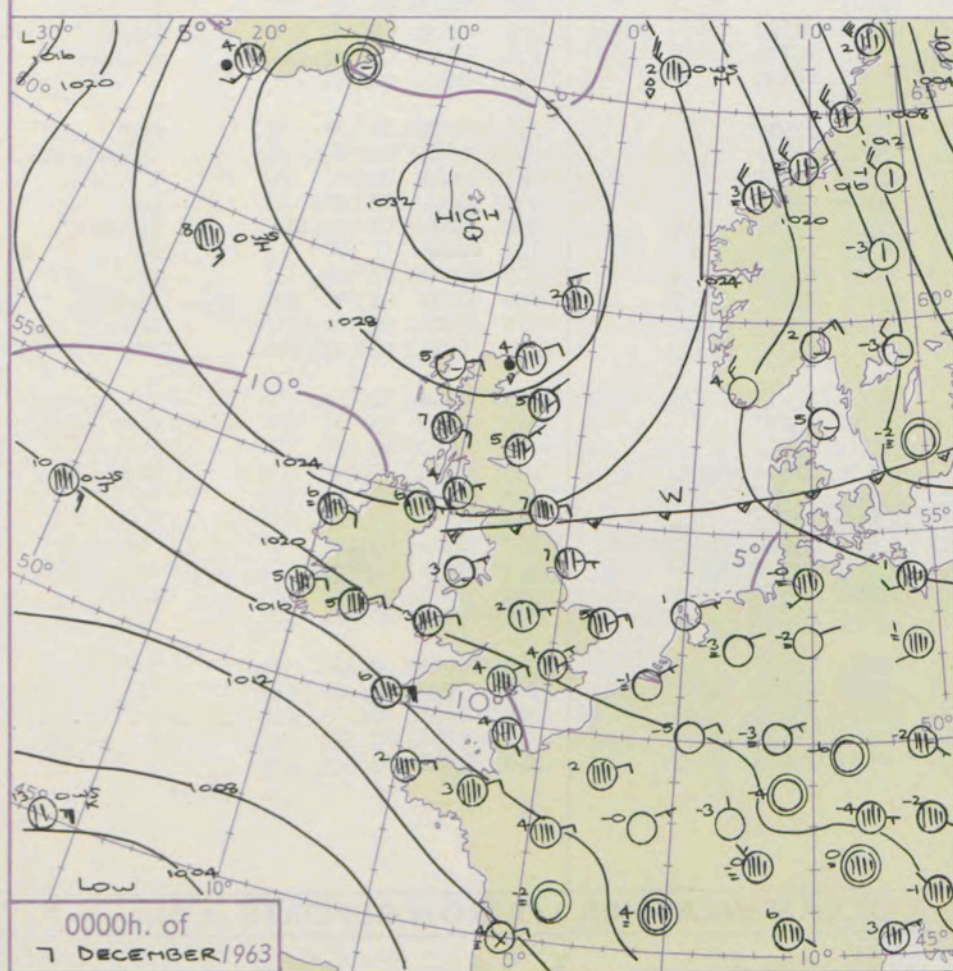
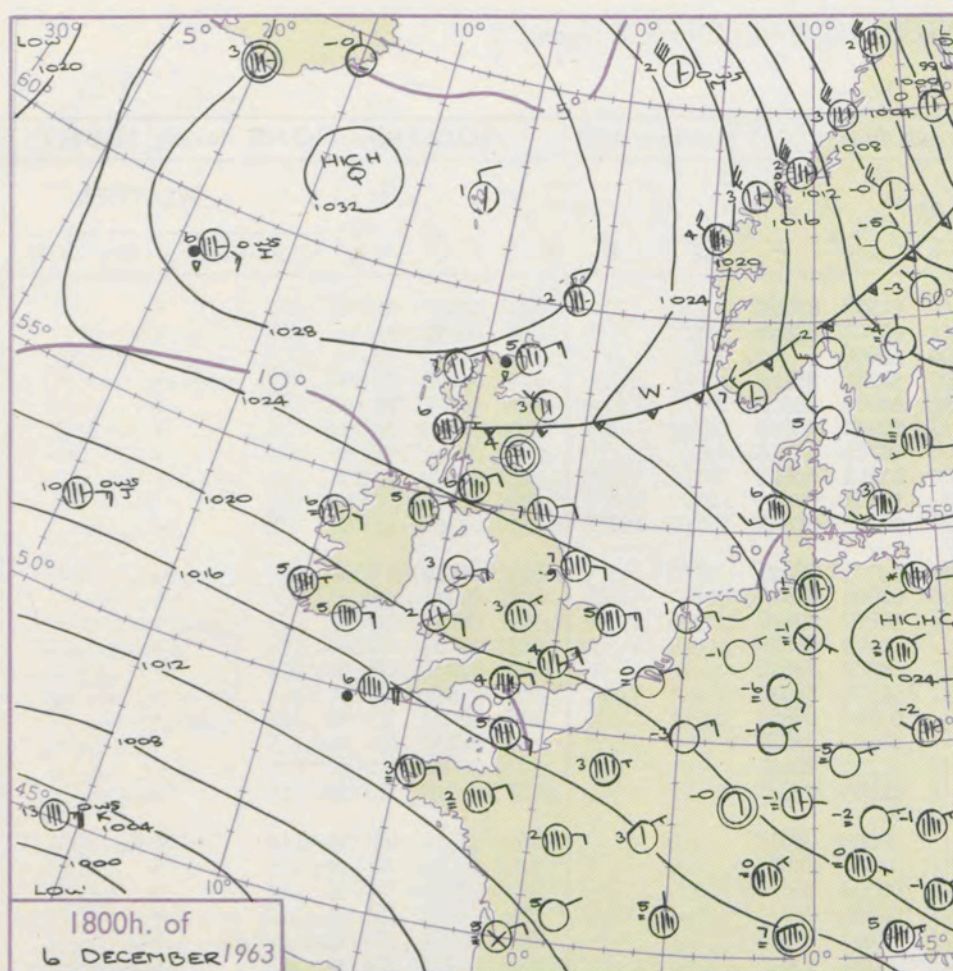
Code FM II.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
Station		iii	Nddff	VVwwWW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	X	E	SSS	WEATHER		
																								09h.—15h.		15h.—21h.	
Kew	775	80815	66022	20705	6553/	51400	81620	88635			775	80715	60022	19905	8551/	51500	88623				775	00051	000	+		+	
London Airport	772	80410	50022	20805	8551/	01802	82622	88625			772	70514	58022	20204	7551/	00302	87628				772	00051	000	+		+	
Gatwick	776	80809	58052	20304	8541/	50805	83614	88622			776	80807	58042	19803	8551/	50500	88622				776	00041	000	+		+	
Thorney Island	871	80708	57052	20204	8551/	50802	84620	88630			871	80612	58022	19403	8551/	50201	88624				871	00041	000	+		+	
Hurn	862	80409	58052	19704	8551/	51804	82618	85625	88630		862	80710	56052	18804	8551/	51302	88626				862	00041	111	+		+	
Guernsey	894	81014	58052	17903	8541/	51003	84615	87620			894	80911	57052	16104	8541/	51602	82618	87624			894	00041	000	+		+	
Wattisham	590	80711	63022	22304	8551/	51804	86621	88625			590	80512	62022	21403	8551/	50500	88621				590	00041	111	+		+	
Gorleston	497	70915	62022	23705	7551/	01002	87624				497	80815	62022	22405	8551/	01500	88624				497	00050	000	+		+	
Mildenhall	578	80812	69022	22505	8551/	00802	85625	88630			578	80608	69032	21604	8551/	00000	88624				578	00050	000	+		+	
Cardington	559	80509	58022	22504	8551/	01802	88622				559	80611	61022	21603	8551/	00302	88625				559	00041	000	+		+	
West Raynham	485	80612	66012	23104	7551/	01704	87628				485	60609	61022	22203	6561/	01103	86631				485	00051	000	+		+	
Wittering	462	80609	61022	23204	8551/	00804	88623				462	70406	62022	22303	7551/	01101	87627				462	00041	000	+		+	
Boscombe Down	746	80909	48052	21003	8541/	08002	85618	88627			746	70712	48052	20203	7541/	51304	83619	87625			746	00041	000	+		+	
Ross-on-Wye	627	80510	57022	21603	8651/	51804	88720				627	80610	60022	20803	8551/	01301	88620				627	00031	000	+		+	
Bristol	628	80511	56052	21104	8551/	51803	88623				628	80408	48052	20103	8561/	51500	88630				628	00041	000	+		+	
Aberporth	502	71015	66022	21603	7551/	51001	87625				502	50909	62012	21102	55500	51203	85629				502	00031	001	+		+	
Rhoose (Cardiff)	715	80914	58052	20804	8551/	00000	88627				715	80715	59052	20003	8551/	51302	83623	88630			715	00041	000	+		+	
Plymouth	827	80514	57042	18704	8541/	00802	83615	88625			827	80411	48042	17704	8551/	00500	88626				827	00041	000	+		+	
Chivenor	707	81710	48022	20205	8551/	00001	85621	88629			707	80803	56022	19404	8551/	01102	84621	88629			707	00051	000	+		+	
St. Mawgan	817	80511	48051	19103	8561/	51004	82715	88635			817	80612	48052	17903	8561/	51301	88630				817	00030	000	+		+	
Culdrose	809	80611	40502	17904	8551/	01004	84710	88620			809	80612	40505	16404	8541/	01500	85710	88614			809	97051	000	d ₀ d ₀		id ₀	
Scilly	804	81020	56022	16707	8551/	04101	88628				804	80818	48602	15406	8741/	04304	88714				804	91081	000	+		ir ₀ rr	
Elmdon	534	80807	59022	23203	8551/	51000	85625	88630			534	60305	48042	22203	6561/	00201	86633				534	00031	000	+		+	
Shawbury	414	81009	61022	22303	8551/	51000	84620	88626			414	80407	56042	22703	8561/	01301	88631				414	00040	000	+		+	
Manchester	334	70707	59031	23705	7551/	51105	87625				334	80507	40502	22804	8551/	01400	88625				334	97051	005	+		id ₀ r ₀ r ₀	
Squires Gate	318	70607	34040	23904	35600	02001	83635				318	70606	28041	23204	7561/	02301	87636				318	00051	019	+		+	
Valley	302	10902	59040	22606	15500	01000	81625				302	10809	58040	22403	15500	51305	81625				302	00071	056	+		+	
Ronaldsway	24	71016	66021	24006	7851/	02106	81822	83827	86650		204	81016	62012	23306	8851/	03002	83824	88633			204	00070	002	jp		+	
Carlisle	222	70507	61022	25506	7851/	03001	81718	86638	87645		222	80506	66032	24805	8561/	02002	82630	88642			222	00071	000	+		+	
Watnall	354	80907	48022	23703	8551/	01000	81715	88625			354	80607	50205	22404	8551/	02400	88620				354	97041	000	+		d ₀ d ₀	
Spurn Head	396	71108	64032	24206	7551/	02001	83715	87625			396	80908	64315	23007	8741/	04201	88710				396	97071	000	+		d ₀ d ₀ id ₀	
Finningley	360	70506	62031	24605	7551/	01000	81625	87650			360	80108	32515	23105	8561/	04801	88633				360	97061	009	+		d ₀ d ₀	
Dishforth	261	70702	58042	24805	7561/	03000	87635				261	80105	48025	23905	8561/	03302	88631				261	97071	000	+			

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 7 December 1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

An anticyclone which has moved from near the south of Iceland to the north of Scotland is expected to turn southeast into the North Sea while a trough of low pressure in mid-Atlantic advances slowly eastwards. The depression to the west of Portugal will drift a little eastwards and probably become rather less deep. A trough of low pressure having moved quickly southeast across Scandinavia and the Baltic will advance southwards at a decreasing speed over eastern Europe but a cell of high pressure will become slow moving over the Balkans.

Eastern Scotland and much of eastern England will be cloudy with a little rain at times, Western Scotland, Northern Ireland and northwest England will be rather cloudy with a little rain at first but there will be some bright intervals. Southern parts of Britain will be mostly dry with sunny intervals. It will be rather cold with frost in places at night.

OUTLOOK for following 24 hours
Little change.

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

Code FM 11.A		OBSERVATIONS at 00h.										7 December 1963										OBSERVATIONS at 06h.										7 December 1963										OBSERVATIONS during NIGHT										CONV T _g °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR T _n E	T _g T _g	WEATHER																														
																						21h.—03h.	03h.—09h.																													
Kew	775			05						775	70610	66022	19904	755//	51503	87625			775	00041	00	+		+	40																											
London Airport	772	70406	56022	20404	755//	01202	87628			772	70407	58022	20004	755//	00704	87628			772	00031	01	+		+	39																											
Gatwick	776	70913	64021	20103	755//	50304	87622			776	00504	59021	19601	00900	51604			776	00531	58	+		+	38																												
Thorney Island	871	80610	60022	19504	855//	00701	88623			871	20504	56011	19401	12500	51201	82625			871	00001	54	+		+	37																											
Hurn	862	80612	62022	18904	855//	50400	88623			862	80611	62022	18403	855//	00702	88622			862	00021	01	+		+	36																											
Guernsey	894	80912	56052	16804	855//	00400	88623			894	81008	63022	16305	855//	00602	88623			894	00031	03	+		+	35																											
Wattisham	590	80709	58022	21403	855//	01603	88621			590	00708	56011	20902	00900	00706			590	00011	51	+		+	34																												
Gorleston	497	70814	62022	22405	655//	02400	87624			497	60911	62012	22405	65500	01801	86625			497	00040	02	+		+	33																											
Mildenhall	578	80607	62022	21804	855//	00301	88625			578	70607	62022	21403	755//	50601	87625			578	00510	55	+		+	32																											
Cardington	559	80509	58022	21703	855//	00400	88623			559	70409	59022	21302	755//	00502	87623			559	00001	54	+		+	31																											
West Raynham	485	80809	59022	22203	855//	00203	88625			485	60707	62012	21903	655//	00706	86625			485	00510	53	+		+	30																											
Wittering	462	80712	59032	22403	855//	50201	88622			462	10506	59011	21902	15500	00604	81628			462	00011	53	+		+	29																											
Boscombe Down	746	80706	56052	20003	855//	00805	88622			746	70906	50052	20202	755//	50201	87626			746	00011	00	+		+	28																											
Ross-on-Wye										627	80606	57022	20503	855//	00603	88620			627	00031	02	+		+	27																											
Bristol	628	80508	48052	20203	855//	50400	88626			628	80612	56052	19903	855//	50302	88626			628	00031	02	+		+	26																											
Aberporth	502	80811	62032	20603	856//	51703	88630			502	80910	62022	19903	856//	51502	88630			502	00031	01	+		+	25																											
Rhoose (Cardiff)	715	80815	66022	19803	856//	51703	88633			715	80816	62022	19303	855//	00602	88625			715	00031	03	+		+	24																											
Plymouth	827	80513	40505	17504	854//	01802	88618			827	80410	40025	16704	854//	02603	88614			827	97031	03	d ₀ d ₀		+	23																											
Chivenor	707	80906	58022	19504	855//	50001	88624			707	80809	58022	18404	856//	01704	88630			707	00041	03	+		+	22																											
St. Mawgan	817	80514	48022	17803	856//	50701	88632			817	80614	40056	16703	856//	01705	88630			817	97020	02	ir ₀		+	21																											
Culdrose	809	80614	40205	16503	854//	01803	81709	88612		809	80511	40505	15604	854//	02802	88610			809	97031	02	d ₀ d ₀		d ₀ d ₀	20																											
Scilly	804	80723	58026	15106	855//	02603	88620			804	80916	56022	14907	855//	03602	88622			804	97051	//	ir ₀		+	19																											
Elmdon	534	40805	62021	22202	45500	01202	84628			534	60907	62011	21603	655//	00703	86629			534	00521	57	+		+	18																											
Shawbury	414	70802	32042	22504	755//	03204	84623	87640		414	60506	48042	22101	656//	00803	86635			414	00001	52	+		+	17																											
Manchester	334	80606	58586	22505	854//	02307	88615			334	70503	59026	22204	756//	01400	87633			334	92031	50	id ₀ d ₀ r ₀ d ₀ d ₀		id ₀	16																											
Squires Gate	318	70609	56042	23005	756//	03400	87636			318	70908	66218	22704	755//	03701	83628	87642			318	91041	03	+		pr ₀ d ₀ r ₀ id ₀	15																										
Valley	302	10404	48041	22103	15500	01602	81625			302	00508	48041	21303	00900	02703			302	00021	53	+			+	14																											
Ronaldsway	204	81021	74022	23307	885//	03400	83825	88637		204	70922	80026	22207	755//	03705	81620	83630	87646			204	97060	04	+		ir ₀ pr ₀	13																									
Carlisle	222	80804	59602	25105	855//	03400	83719	83628	88643	222	80705	59616	24704	856//	03602	83710	86719	88630			222	97041	01	ir ₀		ir ₀ r ₀ r ₀	12																									
Watnall	354	80808	48025	22803	855//	03203	88622			354	80605	58022	22503	855//	01602	88624			354	00021	52	+			+	11																										
Spurn Head	396	70904	59015	23007	755//	03101	87620			396	71412	63025	22707	755//	03703	87625			396	97071	//	id ₀		ir ₀		10																										
Finningley	360	80705	59515	23305	854//	04501	84708	86710	88618	360	80504	29106	22905	855//	04504	88628			360	96041	04	d ₀ d ₀		d ₀ d ₀ d ₀ r ₀ r ₀ r ₀		9																										
Dishforth	261	80308	80012	24005	856//	01400	88640			261	70306	83																																								

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

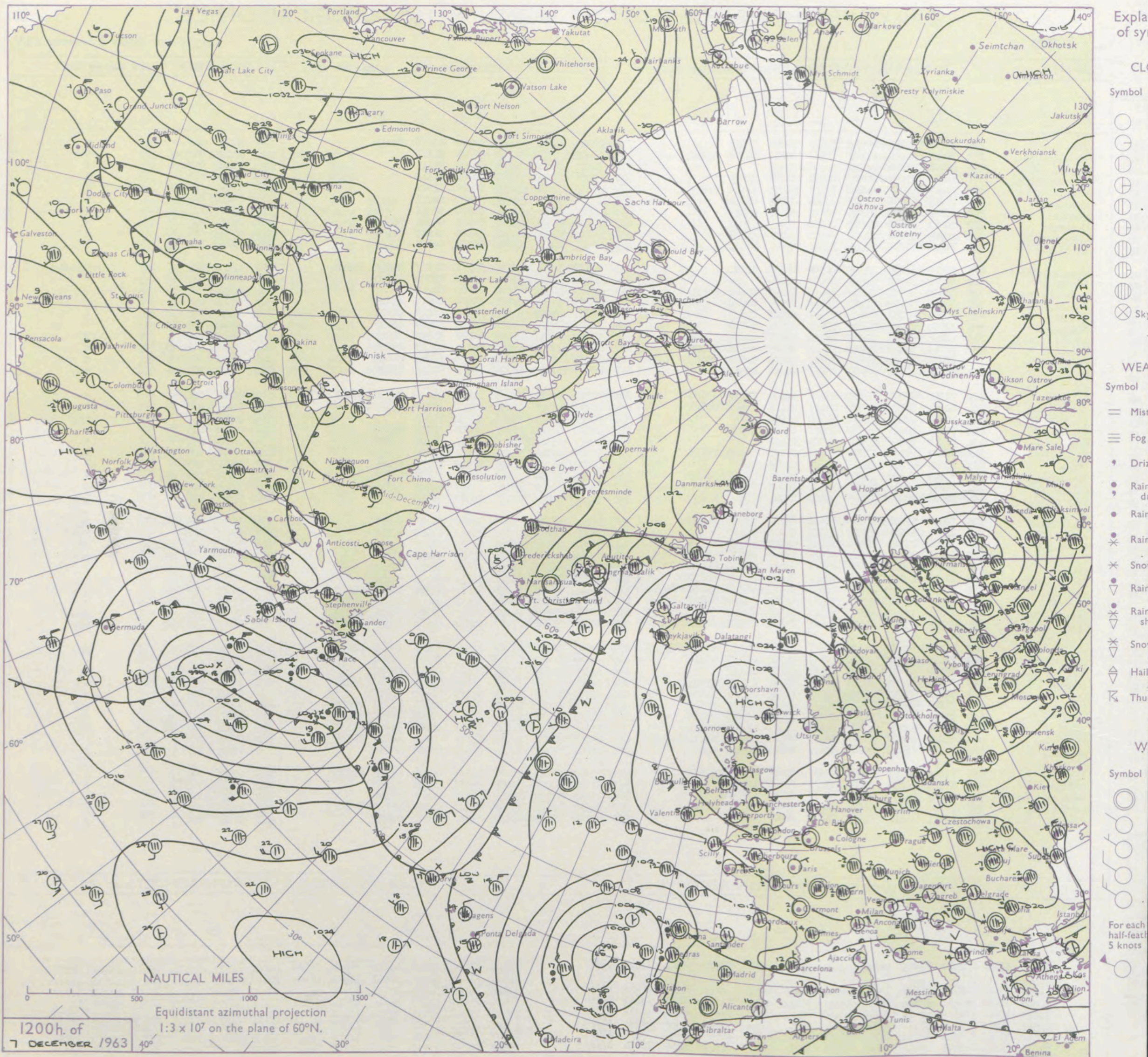
No. 37271

Date of Issue Sunday 8 December 1963

VERSION
BLE
o °F

Code FM II.A		OBSERVATIONS at 12h. 7 December 1963										OBSERVATIONS at 18h. 7 December 1963										OBSERVATIONS during DAY				
Station	ill	Nddff	VVwww	PPPTT	N _h Ch _h M _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwww	PPPTT	N _h Ch _h M _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RR	T _e	SS	WEATHER			
																							09h.—15h.	15h.—21h.		
Kew	775	70807	32052	20505	755/1	50002	87625			775	20813	66011	21004	20940	50310	82359			775	00071	000	+		+		
London Airport	772	70608	33042	21105	756/1	00002	86630	84645		772	00406	28041	21403	00900	01311				772	00061	000	+		+		
Gatwick	776	00808	44040	20604	00900	01003				776	00502	40040	21101	00900	51211				776	00051	053	+		+		
Thorney Island	871	10613	29050	20304	00901	01000	81075			871	00305	28050	20701	00900	51310				871	00053	018	+		+		
Hurn	862	70607	40042	19804	755/1	01005	83620	86625		862	03605	37051	20451	00900	51212				862	00053	111	+		+		
Guernsey	894	21015	64031	17307	25400	01105	82619			894	00711	56051	18105	00900	02211				894	00081	059	+		+		
Wattisham	590	50606	58011	22005	52500	02004	85820			590	00607	56021	23001	00900	00312				590	00061	111	+		+		
Gorleston	497	20812	62020	24007	25600	03010	82630			497	81007	64031	23307	80971	04305	88360			497	00070	016	+		+		
Mildenhall	578	20809	59031	22206	28500	02001	81820			578	10504	58020	22401	15600	01210	81630			578	00070	070	+		+		
Cardington	559	70509	61031	22204	756/1	01001	87630			559	00508	50101	22301	00900	00107				559	00051	032	+		+		
West Raynham	485	10810	66031	22506	18500	03102	81825			485	80506	56601	22805	854/1	01307	86615	88632		485	91071	061	+		ro ro do do		
Wittering	462	00708	58020	22905	00900	02006				462	40706	37030	23004	45600	03209	84630			462	00061	063	+		+		
Boscombe Down	746	70908	50051	21104	754/1	01203	83618	86625		746	00708	40051	21202	00900	00210				746	00041	014	+		+		
Ross-on-Wye	627	80506	57022	21403	855/1	00802	88620			627	10705	57021	21803	15500	00111	81625			627	00041	001	+		+		
Bristol	628	70608	56052	20805	755/1	00802	87625			628	60205	56052	21402	65500	50213	86622			628	00053	009	+		+		
Aberporth	502	70910	62022	21103	756/1	52005	87630			502	30907	58031	21702	35500	52213	83626			502	00041	006	+		+		
Rhoose (Cardiff)	715	10916	56051	20204	18500	51803	81825			715	10909	48051	21103	15500	51309	81625			715	00051	017	+		+		
Plymouth	827	70710	48045	17905	754/1	03003	86615	87625		827	80512	40042	19105	855/1	02313	88625			827	97061	000	id _o		+		
Chivenor	707	80909	58022	19605	855/1	50009	83622	88630		707	10902	48011	20703	15500	50215	81622			707	00051	000	+		+		
St. Mawgan	817	80512	50052	17904	856/1	02002	88632			817	70808	37052	18704	755/1	02212	87627			817	00050	000	+		+		
Culdrose	809	71310	62055	16908	856/1	02003	81715	87630		809	70814	56052	17507	755/1	05209	82711	87625		809	00081	003	+		+		
Scilly	804	80914	61022	16007	854/1	04106	83618	88623		804	80917	58022	16108	855/1	06207	88625			804	00090	000	+		+		
Elmdon	534	10908	48021	22704	11500	01000	81710			534	00000	19101	22950	00900	51208				534	00051	024	+		ffff		
Shawbury	414	70805	48041	22504	756/1	02801	87635			414	10202	40041	23001	15600	01312	81630			414	00050	035	+		+		
Manchester	334	50910	59031	22907	51500	00106	85823			334	80805	48041	22805	855/1	02108	82620	88635		334	00071	054	+		+		
Squires Gate	318	70707	48206	23205	755/9	03002	81625	87635		318	60805	28041	23403	656/1	02210	86641			318	97071	024	id _o		+		
Valley	302	10000	61040	22406	15600	02002	81630			302	10000	58040	22603	15500	50211	81625			302	00061	053	+		+		
Ronaldsway	204	71121	74258	23207	785/1	04107	85822	87637		204	71119	58028	23007	785/1	04308	83823	86635		204	97070	000	pr _o		+		
Carlisle	222	70607	62016	25306	755/1	04002	81620	85635	87650	222	80609	62026	25105	855/1	02306	82625	88635		222	97061	000	ir _o		+		
Watnall	354	40908	58031	22807	18400	03001	81818	84625		354	80608	40022	23205	855/1	03310	88625			354	97071	027	+		ir _o		
Spurn Head	396	70510	59028	23407	6554/	04202	86625	83460		396	50712	58018	23407	52500	05207	85825			396	93080	002	pr _o		pr _o		
Finningley	360	10606	62011	23507	15609	04000	81635			360	70808	56041	23906	756/1	04310	87638			360	95081	028	+		ro ro		
Dishforth	261	70000	74012	24406	6563/	02103	86645	87360		261	80506	69808	24505	885/1	03208	83820	88632		261	91061	001	ir _o pr _o		pr _o		
Tynemouth	262	60818	74026	25507	685/1	02107	84825	86635		262	30715	74018	25106	35600	00201	83630			262	93071	000	ir _o		pr _o		
Eskdalemuir	162	80807	67506	25404	856/1	03000	86710	88632		162	70707	66016	25702	756/1	01309	87638			162	01041	000	id _o ro ro		+		
Mull of Galloway	131	81114	80032	24107	885/1	03203	83820	88630		131	81116	74022	23806	856/1	04205	88630			131	00071	111	/		/		
Prestwick	135	70708	60606	25006	7853/	04003	81716	85630	88650	135	80811	66026	24505	856/1	02306	83634	88642		135	91051	000	ir _o		ir _o		
Renfrew	141	70911	40046	26105	755/1	03002	82715	86622	87645	141	70908	34046	25705	755/1	02209	82625	87643		141	97061	000	ir _o		+		
Leuchars	171	70614	80258	26605	4846/	01001	83818	83635	85359	171	70710	69808	26304	784/1	02305	85816	85630		171	01061	000	pr _o		pr pr _o		
Dyce	091	73501	58156	27303	784/1	02802	82712	84818	85625	091	60302	58808	27203	685/1	012											

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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Cloud
Amount
(oktas)

0
1 or less

2

3

4

5

6

7 or more

8

obscured

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Weather

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and
izzle

and snow

W

shower

and snow
ower

W shower

shower

nderstorm

ND

Wind
speed
(knots)

Calm

1-2

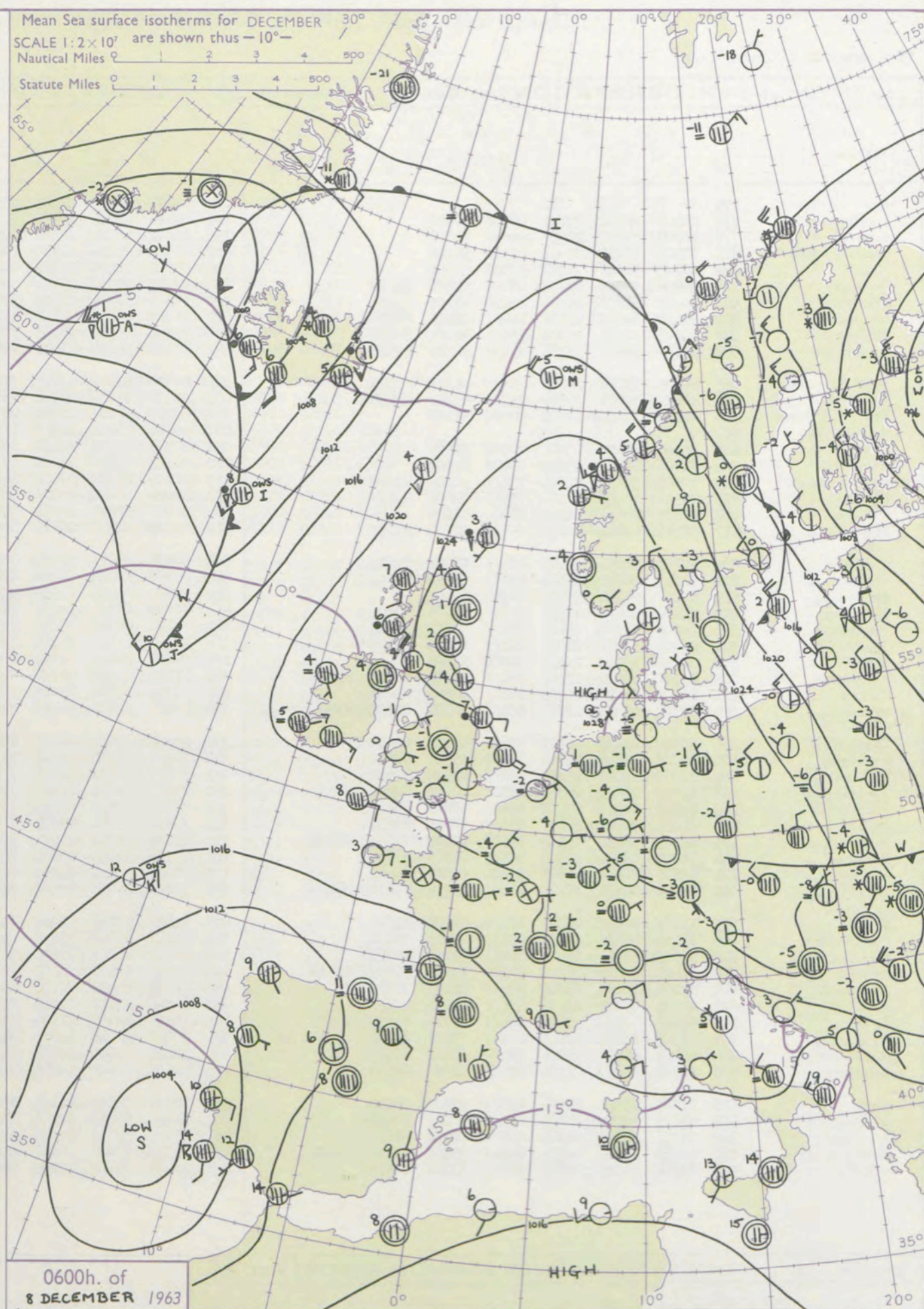
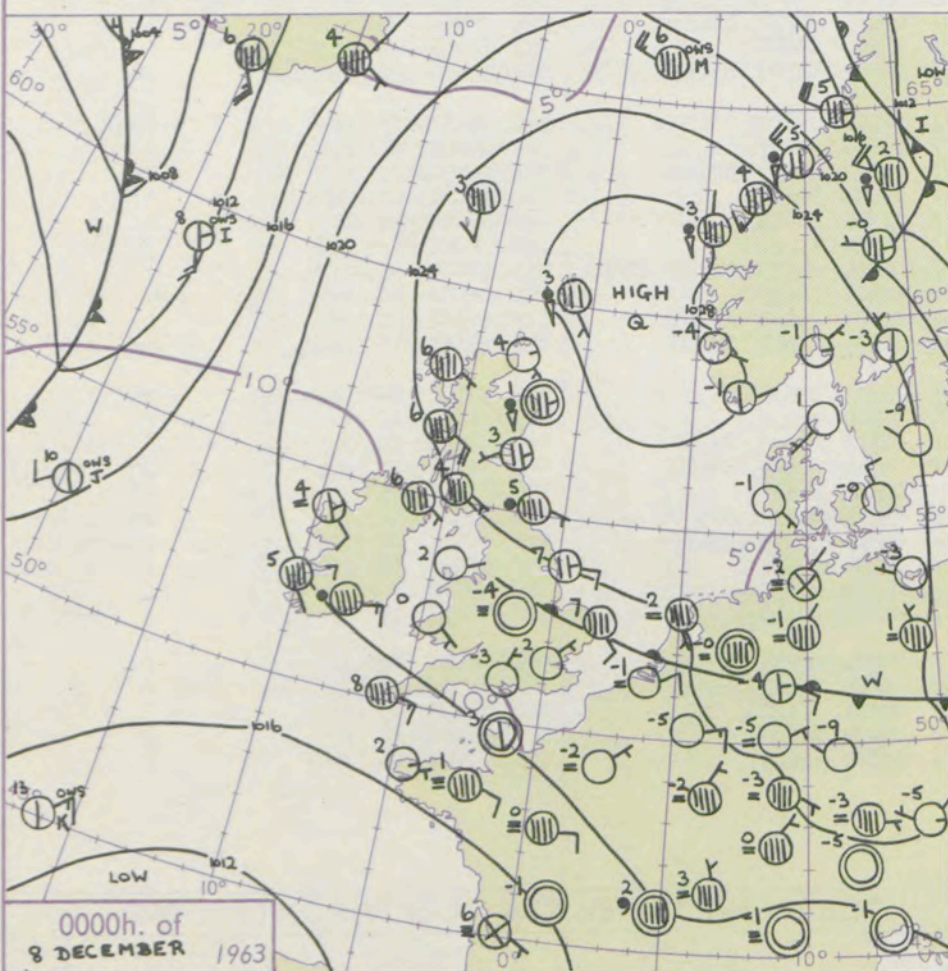
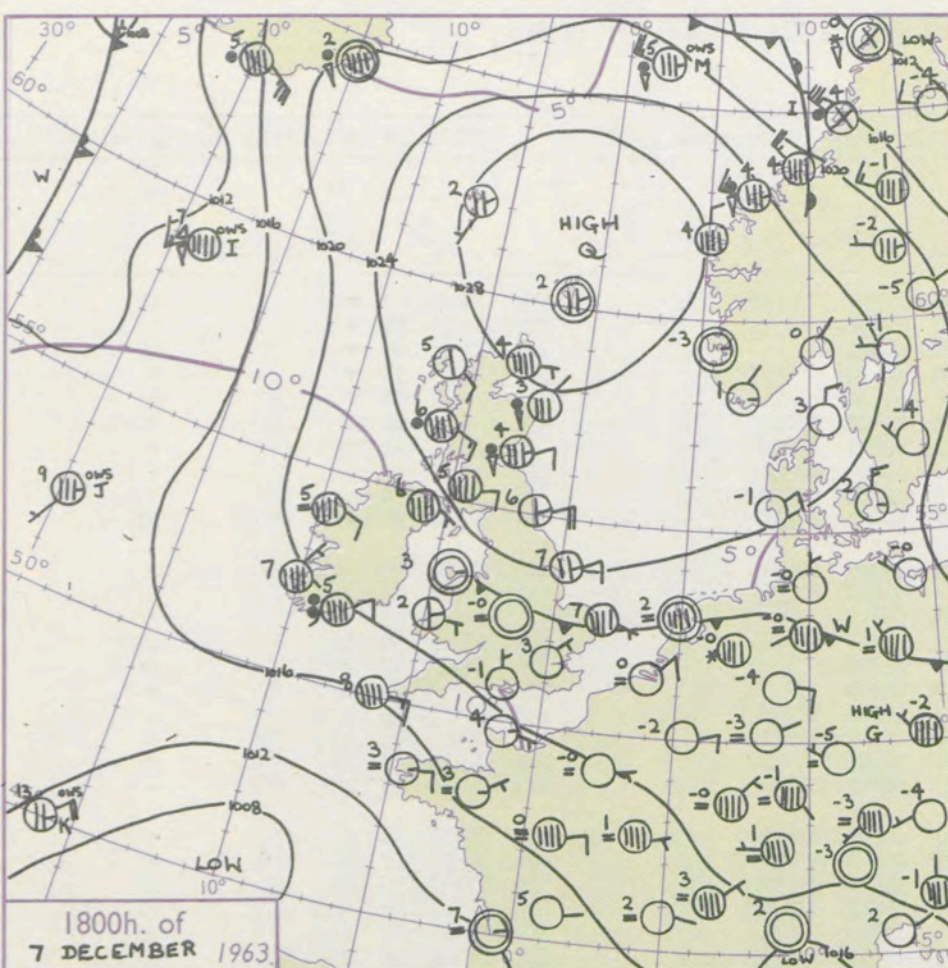
3-7

8-12

13-17

additional
er add

48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 8 December 1963

An anticyclone which has moved from north of Scotland to the North Sea will drift south eastwards into Europe and a trough of low pressure associated with a depression moving eastwards near Iceland will advance towards northwestern districts of the British Isles. A depression which has been moving east northeast in the Atlantic will later turn north-east with a ridge ahead of it weakening. A depression off southwest Spain will continue to fill and probably pass through the Straits of Gibraltar into the Mediterranean.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Northwestern Scotland will be cloudy with occasional rain. Eastern Scotland Northern Ireland and northern England will be mostly dry with a little sunshine tomorrow. Southern Britain will have little cloud but frost will be widespread at night and overnight fog will be slow to clear. It will be cold generally though temperatures in the northeast will be near normal.

OUTLOOK for the following 24 hours. Becoming a little less cold with some rain at times in the north.

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

Code FM 11.A

OBSERVATIONS at 00h.

8 December 1963

OBSERVATIONS at 06h.

8 December 1963

OBSERVATIONS during NIGHT

Station

ill

Nddff

VVwww

PPPTT

N_hCh_MCh_H

T_dT_dapp

8N_sCh_sh_s

8N_sCh_sh_s

8N_sCh_sh_s

ill

Nddff

VVwww

PPPTT

N_hCh_MCh_H

T_dT_dapp

8N_sCh_sh_s

8N_sCh_sh_s

8N_sCh_sh_s

ill

RR_Tn_TE

T_gT_g

21h.—03h.

03h.—09h.

WEATHER

Kew

775

02

775

00407

57020

22101

00900

51503

775

00013

57

+

if

London Airport

772

00406

28040

22102

00900

00203

772

00104

23040

22451

00900

52703

772

00513

54

+

+

Gatwick

776

00702

59040

22053

00900

54206

776

00000

16114

22355

00900

56801

776

00563

60

+

if

Thorney Island

871

00507

48050

21400

00900

51206

871

00303

28050

21450

00900

51602

871

00513

57

+

+

Hurn

862

00105

32040

20953

00900

53304

862

00305

14100

21053

00900

53500

862

00543

58

+

+

Guernsey

894

40808

50050

19305

46400

02106

84712

894

30907

50050

19204

36400

03500

83712

894

00031

00

+

+

Wattisham

590

30807

59020

23104

35600

01102

83635

590

70808

64021

23305

75611

00501

87630

590

00011

52

+

+

Gorleston

497

81412

62022

23107

85611

04101

88630

497

81212

62022

24707

85511

03205

88625

497

00060

05

+

+

Mildenhall

578

70505

37101

23302

75611

01001

87634

578

70604

66012

23403

75611

02500

87632

578

00500

54

+

+

Cardington

559

20507

37100

23151

25500

51103

82625

559

70506

28104

23151

75611

52701

87634

559

00533

58

ff

ff

West Raynham

485

80305

59016

23305

85611

04400

88633

485

80405

59022

23704

85611

04301

88631

485

97041

03

dodo

+

Wittering

462

80306

32041

23904

85511

03001

88626

462

80507

37042

23704

85611

03400

88631

462

00031

03

+

+

Boscombe Down

746

00806

37050

22000

00900

51203

746

00709

17100

22252

00900

52601

746

00531

55

+

+

Ross-on-Wye

627

627

90000

86454

22953

91011

53400

89111

627

00543

59

if

ffff

Bristol

628

00406

40050

22251

00900

51203

628

00503

12100

22151

00900

51000

628

00523

57

+

FF

Aberporth

502

01305

59021

22600

00900

52304

502

00904

59020

22200

00900

51501

502

00513

58

+

+

Rhose (Cardiff)

715

70608

48051

22101

75411

00305

87619

715

80809

26042

22101

86311

50304

88706

715

00511

53

+

+

Plymouth

827

70710

40042

22101

75511

02004

87627

827

80406

40042

20205

85511

02102

88623

827

00041

04

+

+

Chivenor

707

00000

40051

21601

00900

50105

707

01003

37050

21151

00900

51501

707

00513

57

+

+

St. Mawgan

817

80911

40052

20104

85511

01104

88627

817

80610

48052

20105

85611

02303

88625

817

00040

03

+

+

Culdrose

809

80605

56051

19205

85411

03207

88612

809

80504

48052

19305

85511

04301

88620

809

00031

01

+

+

Scilly

804

81013

56022

18308

85511

06215

88625

804

80910

56022

18208

85511

05203

88623

804

00070

11

+

+

Elmdon

534

00000

87484

23854

00900

55701

534

90000

84494

23951

91011

51500

89100

534

97551

59

FF

FF

Shawbury

414

92302

01474

23551

91011

51203

89102

414

80000

08444

23203

86211

03607

88705

414

97521

54

FFff

ff

Manchester

334

80806

58052

23605

85511

03102

88623

334

70605

62035

23304

75611

02503

87635

334

97031

00

ido

ido

Squires Gate

318

80908

37202

23905

85611

03400

88635

318

70910

61026

23704

75511

03501

81625

87638

318

97031

02

ido

doro

Valley

302

00701

58040

23102

00900

51306

302

00604

58040

22751

00900

52603

302

00543

56

+

+

Ronaldsway

204

81020

62022

23107

88411

05701

82818

88628

204

81518

64022

22907

85611

02603

81714

88633

204

00060

04

+

+

Carlisle

222

80605

61022

25504

85611

01601

88613

222

70703

61012

25003

75611

02605

87643

222

00031

02

+

+

Watnall

354

80707

48506

23804

85411

04301

81702

87704

88615

354

70703

28205

24003

75511

03502

83704

83705

87625

354

95031

03

ro

doro

Spurn Head

396

50912

63038

24007

55600

03103

85630

396

80908

63608

23907

85411

05400

88610

396

94051

11

pro

iropro

Finningley

360

30000

48046

24504

35600

03301

83630

360

73405

48106

24203

75511

03603

87626

360

94031

01

ro

ro

Dishforth

261

70000

82018

25103

75611

02202

87642

261

73607

80032

24703

75511

02704

85623

87640

261

97032

02

ro

ro

Tynemouth

262

81107

74616

25805

45521

02102

84622

88535

262

73202

61026

25004

75611

02604

87630

262

96031

01

ro

ro

Eskdalemuir

162

80502

64032

25702

85611

02023

88638

162

83601

62022

25102

85611

01706

88642

162

00011

52

+

+

Mull of Galloway

131

81414

70022

24006

85611

02201

88630

131

71816

74012

23007

77511

04702

87720

131

00051

11

/

/

Prestwick

135

81105

66032

24504

85511

02503

82625

88635

135

81008

66012

23704

85611

01504

81630

81640

88650

135

00031

03

+

+

Renfrew

141

81005

48042

25504

85611

02703

88649

141

80705

58042

24704

85611

02505

88643

141

00031

01

+

+

Leuchars

171

52506

80018

25803

55600

01803

85640

171

70000

60048

24802

78511

01707

81820

87640

171

92501

52

pro

+

Dyce

091

70000

48838

27001

78411

01804

85818

86630

091

70000

58048

25601

78411

01607

83818

87630

091

01001

53

pro

pro

Wick

075

11405

80018

26304

13400

50708

81918

075

71802

80038

24204

75611

01713

87635

075

91031

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pro

pro

Cape Wrath

049

81104

86022

25003

85611

00712

88630

049

21102

86010

23404

25600

01704

82630

049

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Sule Skerry

010

81613

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010

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83625

85360

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Lerwick

005

61607

80808

28203

67400

51807

84819

86628

005

62007

80808

25603

68400

00714

81815

86630

005

94011

51

pro

pro

Stornoway

026

81205

74021

24806

85611

01809

88640

026

81808

74022

22707

85611

02612

88640

026

00051

05

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Benbecula

022

81422

83025

23306

85611

02712

88647

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85511

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88640

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97051

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Tiree

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74036

23106

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03710

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62606

21906

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04607

85618

88635

100

01051

04

iro

iro

Aldergrove

917

81305

56042

22906

85511

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88627

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Malin Head

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Belmullet

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21204

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20904

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Birr

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01801

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81104

66022

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85411

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00031

02

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Collinstown

969

81603

62022

22805

85511

00205

88627

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81302

66032

22204

85511

00604

83623

88630

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00030

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Rineanna

962

81108

62102

21305

85611

02102

88627

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

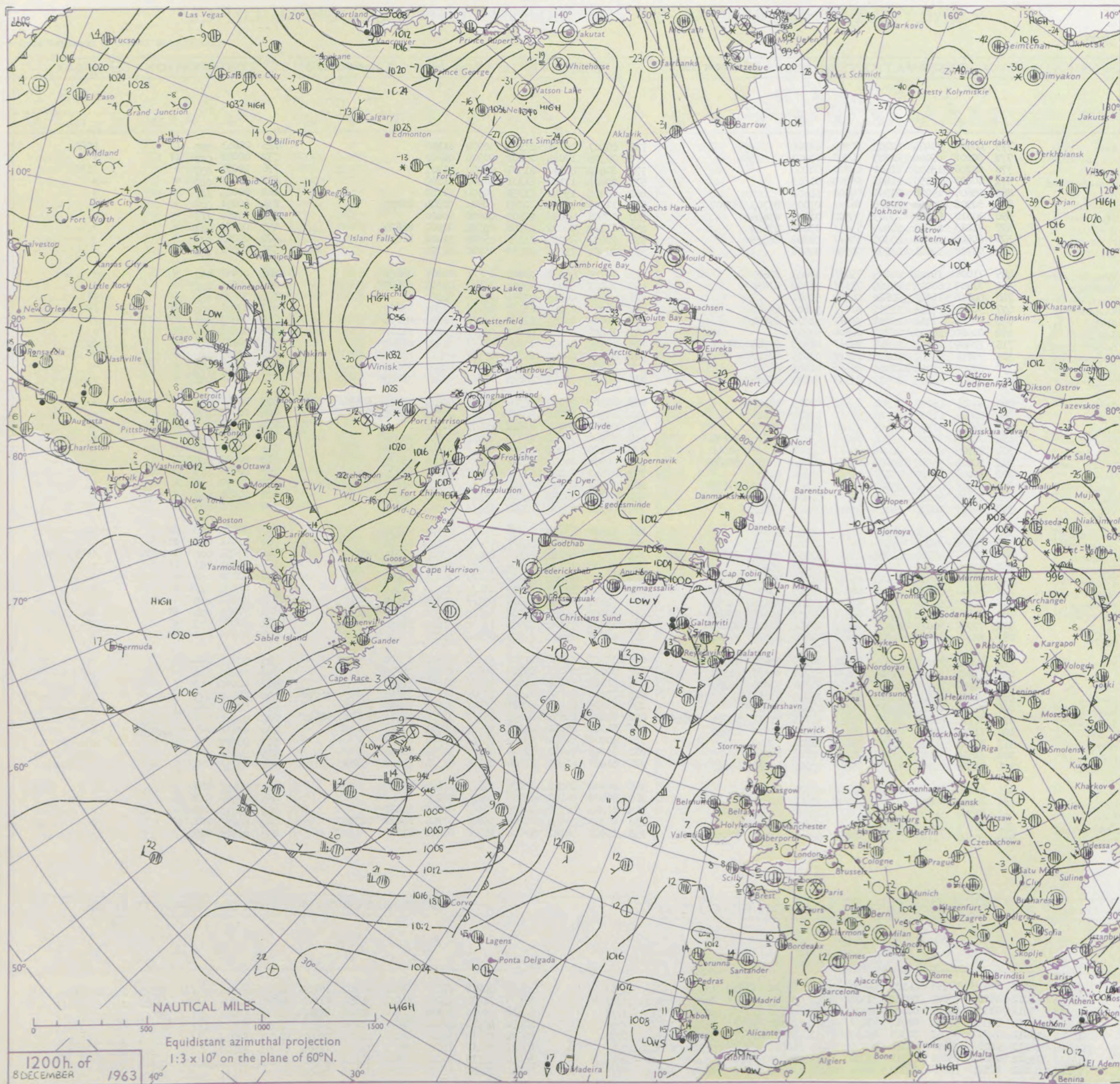
No. 37272

Date of Issue Monday 9 December 1963

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Code FM 11.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
Station	ill	Nddff	VVwwW	PPPTT	N _h Ch _M CH	T _d app	8N _s Ch _s s	8N _s Ch _s s	8N _s Ch _s s	ill	Nddff	VVwwW	PPPTT	N _h Ch _M CH	T _d app	8N _s Ch _s s	8N _s Ch _s s	8N _s Ch _s s	ill	RRT	T x E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Kew	775	00704	09444	22103	00900	01000				775	00407	19054	21903	00900	01102				775	00043	000	ff		fffF		
London Airport	772	00402	09040	22503	00900	01803				772	00305	17044	22102	00900	01502				772	00043	000	ff		+		
Gatwick	776	00706	13100	22601	00900	01000				776	00402	20100	21901	00900	51701				776	00033	037	+		1fFF		
Thorney Island	871	00407	22050	21803	00900	01802				871	00403	17100	21701	00900	51102				871	00041	045	+		+		
Hurn	862	03606	19050	21701	00900	51601				862	00205	19040	21251	00900	51101				862	00023	111	+		+		
Guernsey	894	80908	22051	20104	86211	03003	85703	87707		894	11006	15050	20003	00902	02304	81075			894	00051	025	+		+		
Wattisham	590	30810	60031	23505	35500	01804	83626			590	00608	40050	22902	00900	50400				590	00060	111	+		+		
Gorleston	497	71213	64012	24406	75511	03810	87629			497	61112	64022	23906	65500	02501	86624			497	00070	011	+		+		
Mildenhall	578	60806	74022	23306	65611	01802	86635			578	20407	46031	23301	25600	51202	82630			578	00083	033	+		+		
Cardington	559	00708	59021	23504	00900	02802				559	00507	19101	23350	00900	51302				559	00061	054	+		+		
West Raynham	485	71006	74022	24005	75611	02804	87635			485	80710	66032	23804	85611	01201	88631			485	00061	000	+		+		
Wittering	462	71107	66022	24105	75611	01802	87630			462	70707	58032	23604	75511	01301	87627			462	00061	006	+		+		
Boscombe Down	746	00710	14040	22802	00900	50001				746	03204	06464	22751	00900	52400				746	97033	044	+		ff		
Ross-on-Wye	627	90000	F7454	23351	91011	52804	89100			627	90000	F5454	23151	91011	51306	89100			627	97001	000	FF		FF		
Bristol	628	90505	01454	22851	91011	51802	89101			628	90000	01454	22751	91011	52303	89101			628	00503	000	FF		FF		
Aberporth	502	00000	56050	22703	00900	50803				502	10000	48050	22601	00901	51207	81080			502	00043	064	+		+		
Rhoose (Cardiff)	715	70809	17102	22301	76211	01803	83703	87706		715	80708	14102	22501	86111	01307	88702			715	00011	000	+		ff		
Plymouth	827	70710	25042	20606	75511	03805	87628			827	80609	20042	21105	85511	03211	88623			827	00061	000	+		+		
Chivenor	707	80000	37051	21903	85511	01803	88625			707	81106	28052	22003	85511	01208	88627			707	00041	000	+		+		
St. Mawgan	817	80905	48052	20905	85511	02400	88628			817	80304	32052	20805	85511	03204	88623			817	00061	002	+		+		
Culdrose	809	80606	26052	21306	85511	03003	88628			809	80503	28052	20306	85511	03205	83716	88622		809	00060	000	+		+		
Scilly	804	80807	61032	19708	85511	03106	88620			804	60505	58012	20707	65511	03302	86620			804	00090	006	+		+		
Elmdon	534	20907	57284	23903	25600	03801	82635			534	00000	35110	23850	00900	51306				534	97051	045	FF		1F		
Shawbury	414	70702	30104	23704	75611	03802	82704	87635		414	80000	37042	23703	85611	02309	88631			414	00050	004	+		+		
Manchester	334	80705	24042	24005	85611	03801	81633	88640		334	80000	19042	23805	85611	01207	88630			334	00050	000	+		+		
Squires Gate	318	80905	35042	24205	85611	03000	82630	88635		318	80906	28042	23404	85611	03204	88635			318	00051	000	+		+		
Valley	302	10000	66020	23407	15600	01002	81630			302	10902	61020	23001	15600	51602	81630			302	00073	063	+		+		
Ronaldsway	204	71516	66022	23507	78511	01002	83822	87635		204	71512	69022	23106	78511	01303	81825	83628	87633	204	00070	000	+		+		
Carlisle	222	80501	61022	25104	85611	02801	88640			222	81105	56032	24604	85611	02301	88647			222	00051	000	+		+		
Watnall	354	70707	18104	24005	75411	04803	87612			354	80704	08462	23003	85511	03305	88624			354	00051	000	1f		1f		
Spurn Head	396	71204	59258	23907	70971	05702	87360			396	81606	63028	23806	85611	03301	88630			396	96071	000	pro		pro		
Finningley	360	73504	22205	24505	75611	04804	87635			360	80000	13104	24405	85611	05205	88631			360	97061	000	ldo		ff		
Dishforth	261	73407	48216	24904	75671	02803	81630	87645	87360	261	83206	48216	24304	85411	03205	86617	88631		261	96051	000	iroroRo		iroroRorr		
Tynemouth	262	80000	06444	25404	86311	03400	88708			262	70000	10104	24105	75511	00105	83708	87625		262	00051	000	ff		+		
Eskdalemuir	162	80000	79022	25003	85611	01804	88640			162	80000	66022	24502	85611	50301	88640			162	00030	000	+		+		
Mull of Galloway	131	81810	74032	24007	88511	03305	83820	88630		131	82310	80032	22906	87411	01400	88718			131	00081	111	/		/		
Prestwick	135	81503	58042	23505	85611	02804	85640	88650		135	81304	62042	22805	85511	01303	82625	88645		135	00061	000	+		ff		
Renfrew	141	80704	16042	24004	85511	02803	81625	88640		141	80000	06044	23404	85611	03500	81630	88645		141	97051	000	ff		ldo		
Leuchars	171	70000	66012	24503	78511	02804	81820	87640		171	10000	19284	22950	15600	51604	81640			171	00053	013	+		1F		
Dyce	091	72404	59042	24003	78511	02810	81825	87640		091	03601	59041	22500	00900	51601				091	00053	018	+		+		

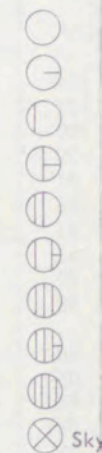
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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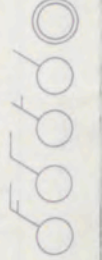


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For each
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CHARTS OF WEATHER IN WEST EUROPE

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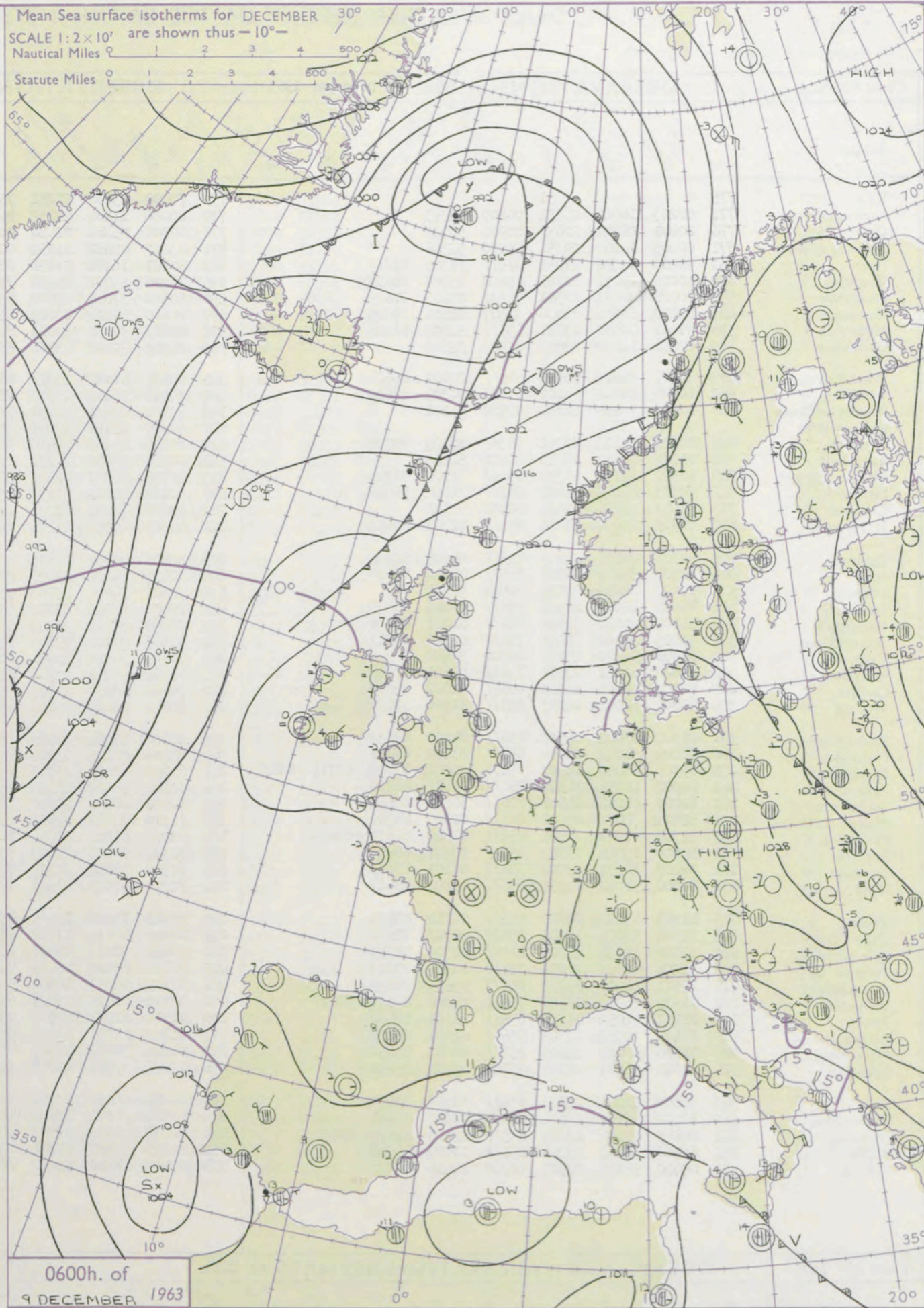
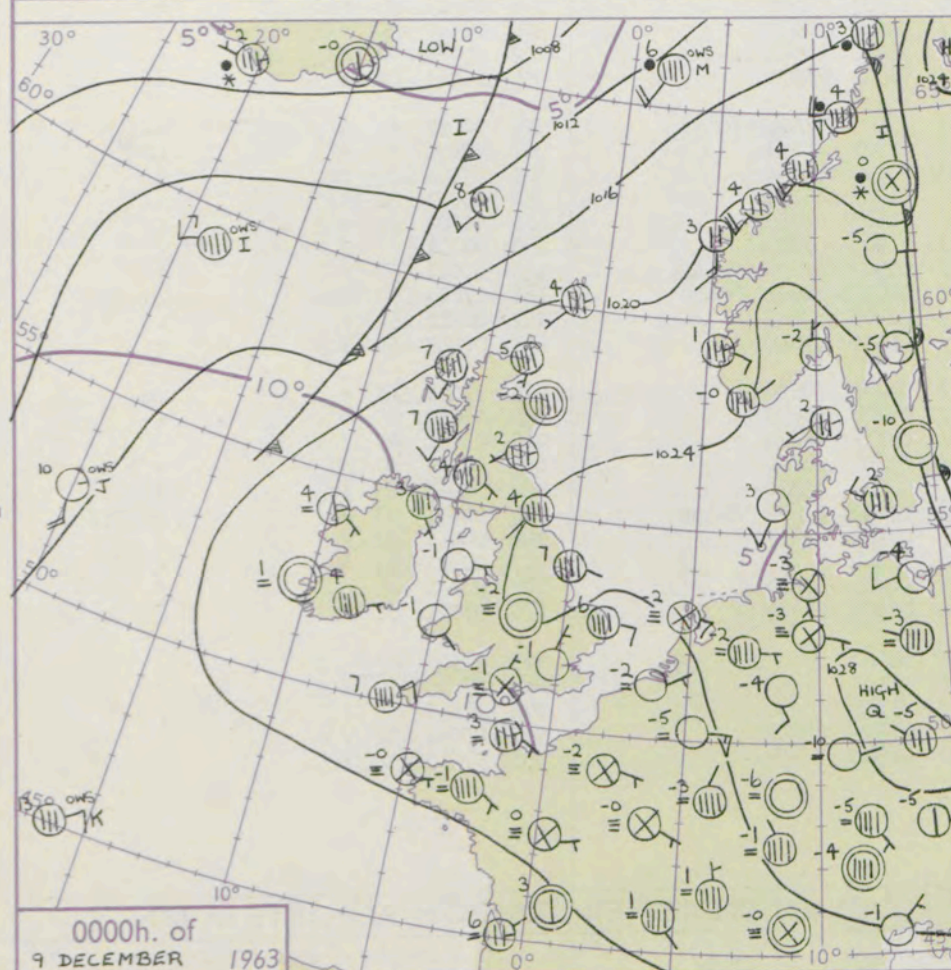
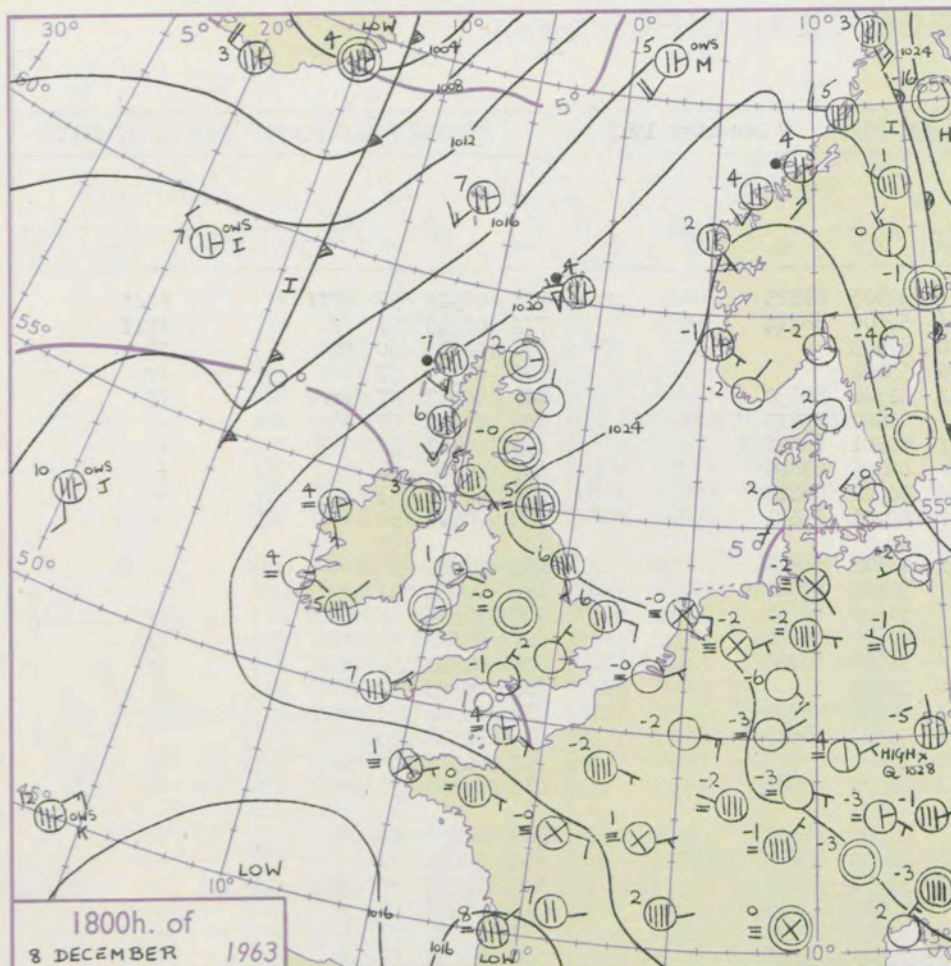
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 9 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The anticyclone, centred near Denmark yesterday, has transferred to eastern Europe. A separate high cell forming over Ireland will drift slowly northeast or east into Britain where a weak gradient will be maintained. The intense Atlantic depression is unlikely to move very far from its present position but its occlusion will penetrate into coastal waters off Ireland and west Scotland.

The weather will be mainly dry and except in the north of Scotland temperatures will continue below normal. Northern Ireland, east and south Scotland and parts of England and Wales will have frost tonight and a good deal of mist and some areas of fog. During tomorrow a little rain will probably reach Northern Ireland and west Scotland.

OUTLOOK for following 24 hours
Little general change.

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

Code FM II.A		OBSERVATIONS at 00h. 9 December 1963										OBSERVATIONS at 06h. 9 December 1963										OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR _T T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			51						775	70000	13104	22251	755//	52503	87625			775	00523	57	FFff		FFff	40		
London Airport	772	00203	16040	22751	00900	52303				772	80000	11284	22352	864//	52506	88714			772	00543	57	FF		FFff	39		
Gatwick	776	00901	16484	22857	00900	58203				776	00000	15484	22456	00900	57503				776	00573	60	FF		FF	38		
Thorney Island	871	00205	14100	22351	00900	52306				871	03607	09480	21952	00900	53602				871	00533	57	+		ff	37		
Hurn	862	90205	03494	21051	910//	51303	89//			862	80107	14104	21851	856//	51500	88630			862	00533	57	ffff		ff	36		
Guernsey	894	60000	25051	20705	65400	03205	86618			894	71206	35051	20404	754//	03602	83615	87625		894	00031	50	+		+	35		
Wattisham	590	70608	37051	23301	755//	00203	87623			590	80506	37051	22602	855//	00501	88622			590	00511	54	+		+	34		
Gorleston	497	81010	62022	23906	855//	01401	88625			497	80810	60022	23205	855//	02606	88629			497	00046	04	+		+	33		
Mildenhall	578	60404	40031	23551	655//	52202	86626			578	80403	37052	23001	855//	50502	88625			578	00513	53	+		+	32		
Cardington	559	00606	14100	23352	00900	52700				559	80505	32101	23100	855//	50201	88621			559	00521	58	+		+	31		
West Raynham	485	60707	61012	23703	655//	00802	86628			485	80906	61022	23003	855//	01506	88626			485	00021	50	+		+	30		
Wittering	462	60608	56011	24102	655//	50304	86620			462	70905	56012	23503	755//	50604	87620			462	00021	51	+		+	29		
Boscombe Down	746	00503	14104	22750	00900	51101				746	93506	03434	22951	910//	51500	89100			746	97523	56	ffff		FF	28		
Ross-on-Wye										627	80000	17104	23251	855//	51603	88620			627	91531	54	FF		ff	27		
Bristol	628	80402	13104	23351	863//	51105	88708			628	80405	15102	22450	864//	51508	88710			628	00533	54	+		ff	26		
Aberporth	502	01402	48050	23351	00900	52203				502	00000	48050	22851	00900	52602			502	00533	53	+		+	25			
Rhoose (Cardiff)	715	80502	32104	23550	864//	51202	88716			715	80709	50051	22401	863//	00500	88709			715	00521	53	+		+	24		
Plymouth	827	80507	40042	21904	855//	01202	88625			827	60402	40041	21650	657//	51400	86650			827	00513	53	+		+	23		
Chivenor	707	00903	32051	22850	00900	51106				707	00000	32050	22252	00900	53504			707	00533	56	+		+	22			
St. Mawgan	817	80909	40052	21604	855//	02303	88624			817	80707	40052	21204	855//	01701	88624			817	00030	02	+		+	21		
Culdrose	809	80703	28052	21205	855//	04205	88626			809	80801	40052	20505	855//	03605	88625			809	00050	00	+		+	20		
Scilly	804	80508	56022	20907	855//	04102	88620			804	30408	61022	19907	35401	04710	83615	85075		804	00071	//	+		+	19		
Elmdon	534	00000	06414	24152	00900	52201				534	70402	56024	23700	755//	51701	87623			534	00533	59	ff		+	18		
Shawbury	414	80000	40042	24303	856//	02204	88630			414	70000	58022	23702	755//	00500	87629			414	00020	01	+		+	17		
Manchester	334	81103	20042	23804	856//	01208	88630			334	70000	66012	23303	756//	52601	87630			334	00030	03	+		+	16		
Squires Gate	318	71005	30042	24403	756//	02308	87641			318	81105	28102	23603	856//	02701	88638			318	00021	01	+		+	15		
Valley	302	00906	58020	23751	00900	53400				302	00709	58020	23351	00900	53503			302	00513	55	+		+	14			
Ronaldsway	204	71609	64031	23505	756//	00601	87643			204	81607	54022	23206	856//	01501	88631			204	00040	00	+		+	13		
Carlisle	222	80000	56052	24503	856//	01802	88643			222	70000	58052	23902	756//	01300	87643			222	00020	00	+		+	12		
Watnall	354	80803	58024	24203	855//	01500	88625			354	80000	48022	24003	855//	01303	88622			354	00021	02	+		+	11		
Spurn Head	396	81102	63022	24307	856//	04400	88630			396	80000	59022	23505	4551/	03603	84620	88458		396	00050	//	+		+	10		
Finningley	360	80000	31042	24604	856//	03102	88631			360	83203	07424	23804	856//	03502	88631			360	00031	03	+		ffff	9		
Dishforth	261	83306	56056	24503	856//	02202	85709	87711	88632	261	83002	48052	23703	856//	02702	88634			261	97031	02	ir ₀		+	8		
Tynemouth	262	82302	12051	24504	864//	00103	88710			262	82702	58022	24104	864//	01701	88712			262	00041	52	+		+	7		
Eskdalemuir	162	80000	66022	24501	856//	51602	88642			162	80000	66022	23900	856//	51503	88642			162	00501	52	+		+	6		
Mull of Galloway	131	81802	74022	23006	865//	02106	88724			131	82310	74022	22906	856//													

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37273

Date of Issue Tuesday 10 December 1963

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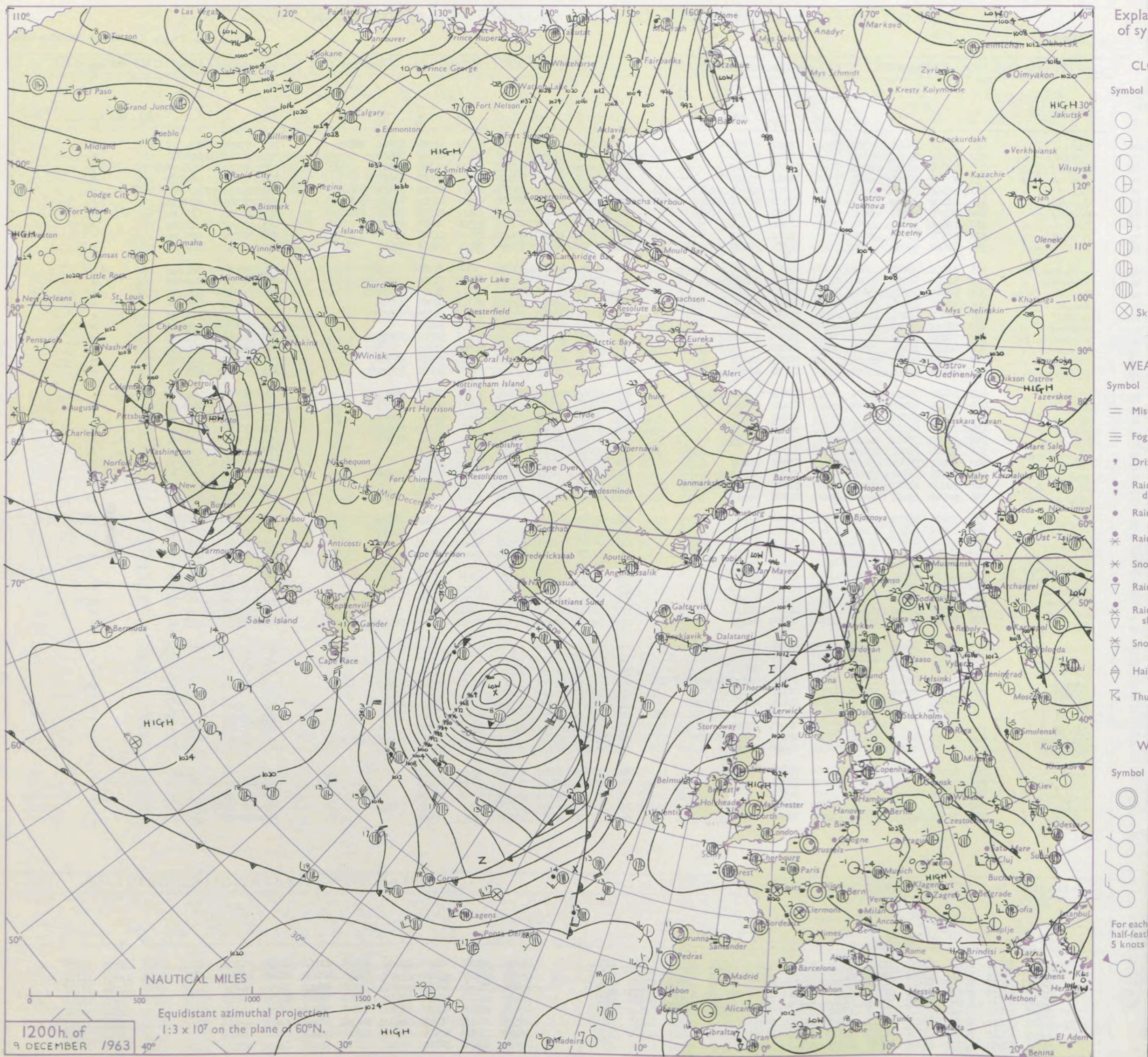
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Code FM IIA		OBSERVATIONS at 12h. 9 December 1963										OBSERVATIONS at 18h. 9 December 1963										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwWW	PPPTT	N _h L _h C _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h L _h C _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x T E	SSS	WEATHER			
																								09h.—15h.	15h.—21h.	
Kew	775	72302	04444	22703	75511	02801	87625				775	80508	60024	22703	85511	51305	83714	88622			775	97051	000	ff		+
London Airport	772	70306	19284	23103	75411	01001	87618				772	80405	31042	23103	85411	00307	88618				772	00041	000	ff		+
Gatwick	776	70000	08424	23251	75411	51000	87615				776	80000	09464	22501	85411	01304	88617				776	97031	000	FFff		ff
Thorney Island	871	53603	17104	22801	55500	51802	85625				871	81001	13102	22902	85411	00208	88617				871	00031	000	1f		+
Hurn	862	70307	30054	22402	65511	01802	81708	84620	85635		862	83602	32052	22502	85411	00305	83618	88627			862	00031	111	ff		+
Guernsey	894	81308	34102	21504	85411	03001	82706	86709	88618		894	81507	37055	21504	85511	03307	86709	88620			894	97041	000	ld ₀		+
Wattisham	590	80406	56022	23603	85411	01001	83618				590	70102	48031	23001	75411	01304	81615	87620			590	00033	111	+		+
Gorleston	497	70610	62022	23505	75511	01000	87624				497	10709	64011	22905	15500	02601	81625				497	00050	012	+		+
Mildenhall	578	80803	58022	23604	85511	01801	88627				578	10102	40021	23050	15600	51302	81635				578	00050	000	+		+
Cardington	559	80506	58052	24103	85511	01002	88620				559	20000	56011	23402	25500	00303	82625				559	00043	000	+		+
West Raynham	485	80906	61022	23605	85611	02802	88630				485	00402	40111	23202	00900	01303				485	00050	014	+		+	
Wittering	462	80000	56042	24004	85511	01000	88625				462	03605	56042	23503	00900	01304				462	00051	000	+		+	
Boscombe Down	746	80710	40054	23602	85411	51001	88615				746	80505	32052	23103	85411	51303	88618				746	00031	000	+		+
Ross-on-Wye	627	83401	13102	23701	86311	00400	88708				627	80502	48052	23502	86311	00307	88708				627	00021	000	+		+
Bristol	628	80207	23054	23702	85511	51004	88620				628	80706	28052	23303	85411	51306	88615				628	00031	000	+		+
Aberporth	502	01502	48050	23603	00900	54803					502	00000	48050	23300	00900	52008				502	00033	057	+		+	
Rhoose (Cardiff)	715	70810	48052	23402	75511	51000	87620				715	81007	35052	23002	85411	50304	88619				715	00031	000	+		+
Plymouth	827	00910	26051	22502	00900	01000					827	00607	23040	22301	00900	51203				827	00033	044	+		+	
Chivenor	707	11108	26051	23402	16300	00001	81708				707	10902	21020	23151	10930	51206	81360				707	00033	037	+		+
St. Mawgan	817	80304	32052	22103	85511	03702	88623				817	51111	28052	21902	55500	00801	85625				817	00050	000	+		+
Culdrose	809	80606	10052	21705	88411	04001	83818	88625			809	80804	28052	21405	85511	03602	88625				809	00060	000	+		+
Scilly	804	80608	40022	22207	85411	04102	88616				804	80904	40032	21207	85511	05805	88623				804	00091	000	+		+
Elmdon	534	70000	33042	24103	75511	50802	87627				534	80601	37042	23803	85511	50206	88623				534	00041	000	+		+
Shawbury	414	70000	61022	24104	75611	51805	87630				414	80805	62022	23904	85511	51310	88628				414	00040	000	+		+
Manchester	334	50000	23042	24004	55611	52806	85635				334	10000	15041	24002	10930	52206	81362				334	00060	026	+		+
Squires Gate	318	00000	26041	24204	00900	02801					318	00000	17100	23751	00900	52005				318	00053	032	+		+	
Valley	302	60401	56041	23803	65611	53801	86645				302	00807	48041	23450	00900	52103				302	00053	023	+		+	
Ronaldsway	204	71607	66022	23906	75611	01001	87635				204	10205	58111	23400	15600	51501	81630				204	00060	000	+		+
Carlisle	222	70000	11042	24503	75611	01804	82640	87650			222	00000	11051	24301	00900	51301				222	00043	000	+		+	
Watnall	354	80000	19012	24204	85611	02801	88630				354	80000	11044	23803	85511	01304	88622				354	00051	000	+		if
Spurn Head	396	73606	48022	24005	75611	04400	87630				396	83606	48022	23005	85611	04702	88630				396	00060	000	+		+
Finningley	360	70000	20044	24405	75611	03805	87635				360	70000	17042	24004	75611	02205	87631				360	00051	000	ff		ff
Dishforth	261	63502	28052	24204	45501	02803	81625	84640			261	00000	20101	23801	00900	00104				261	00061	021	+		+	
Tynemouth	262	62705	10051	24005	36530	00203	83720	83360			262	02709	24050	23203	00900	00101				262	00051	022	+		+	
Eskdalemuir	162	81802	58051	24202	85611	00101	82712	88635			162	93301	02461	24351	91011	52301	89111				162	97033	011	+		1fFF
Mull of Galloway	131	12502	74022	24106	41500	02212	84824				131	52504	74031	23506	58511	02805	82820	83630			131	00081	111	/		/
Prestwick	135	21606	56041	23205	15730	02801	81650				135	11202	40100	22900	15700	51500	81656				135	00061	044	+		+
Renfrew	141	50000	04424	23503	55700	02000	85656				141	00000	03464	23100	00900	50302				141	00053	000	ff		ffFF	
Leuchars	171	72409	37042	22304	75711	02801	87656				171	02706	25040	21801	00900	50500				171	00051	019	+		+	
Dyce	091	42001	59042	21504	45700	01000	84656				091	50000	56040	21601	55600	50203	85640				091	00013	025	+		+
Wick	075	72007	66036	19705	25630	03001																				

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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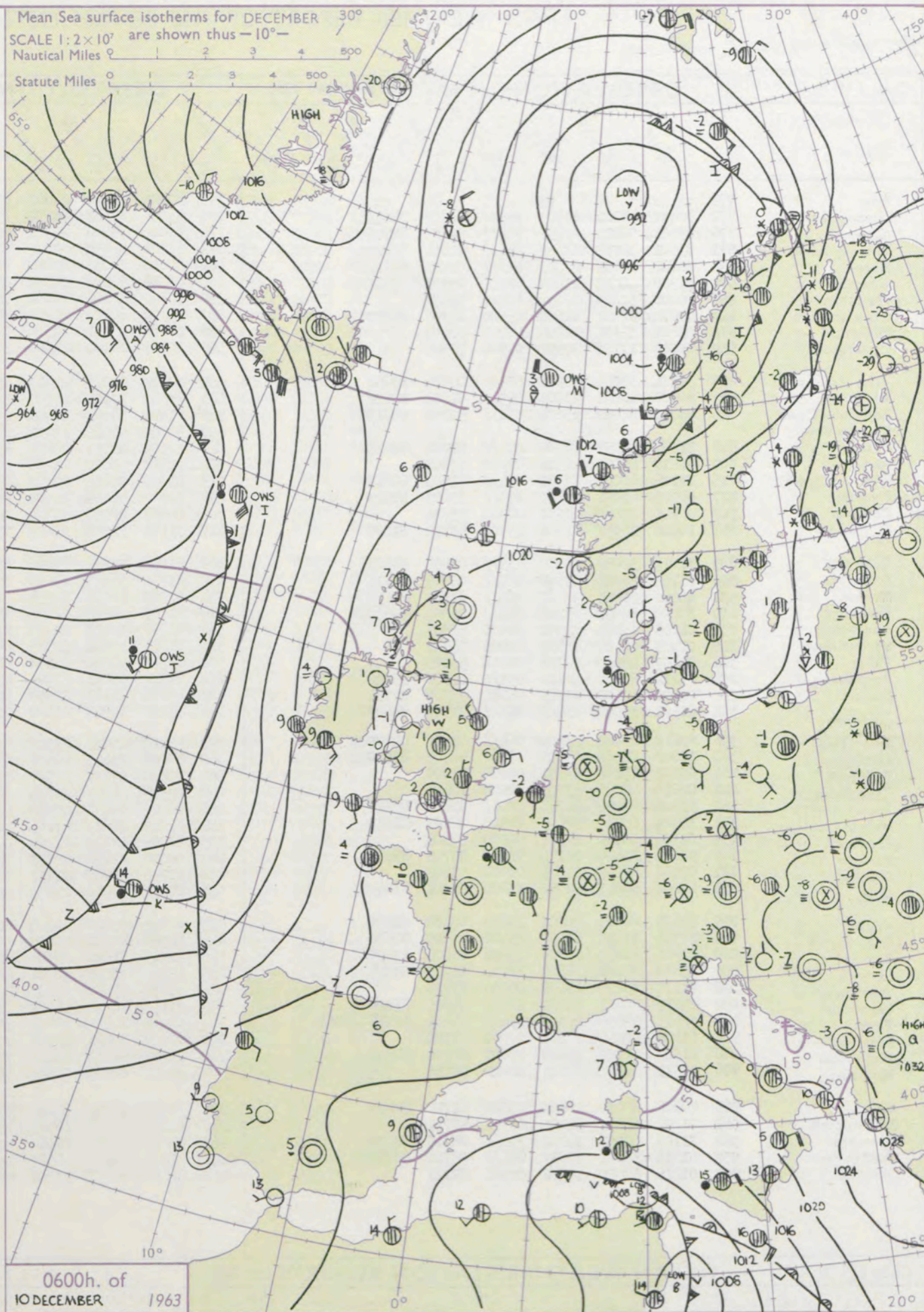
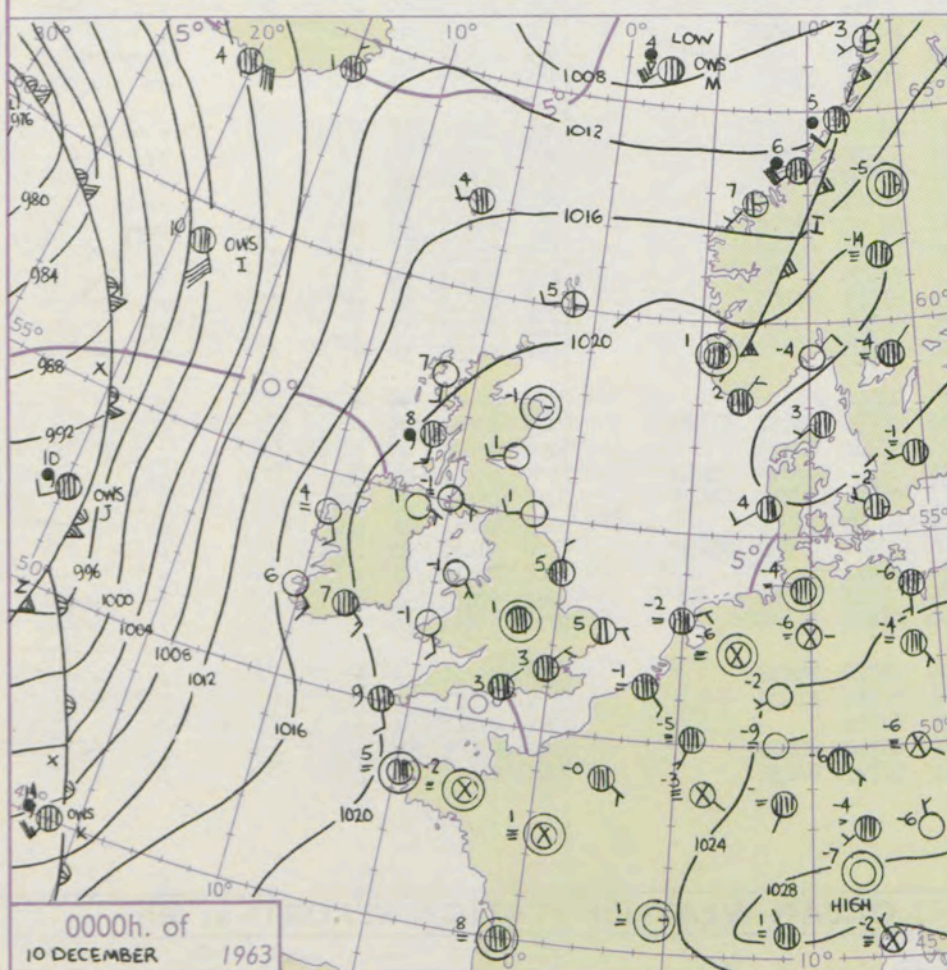
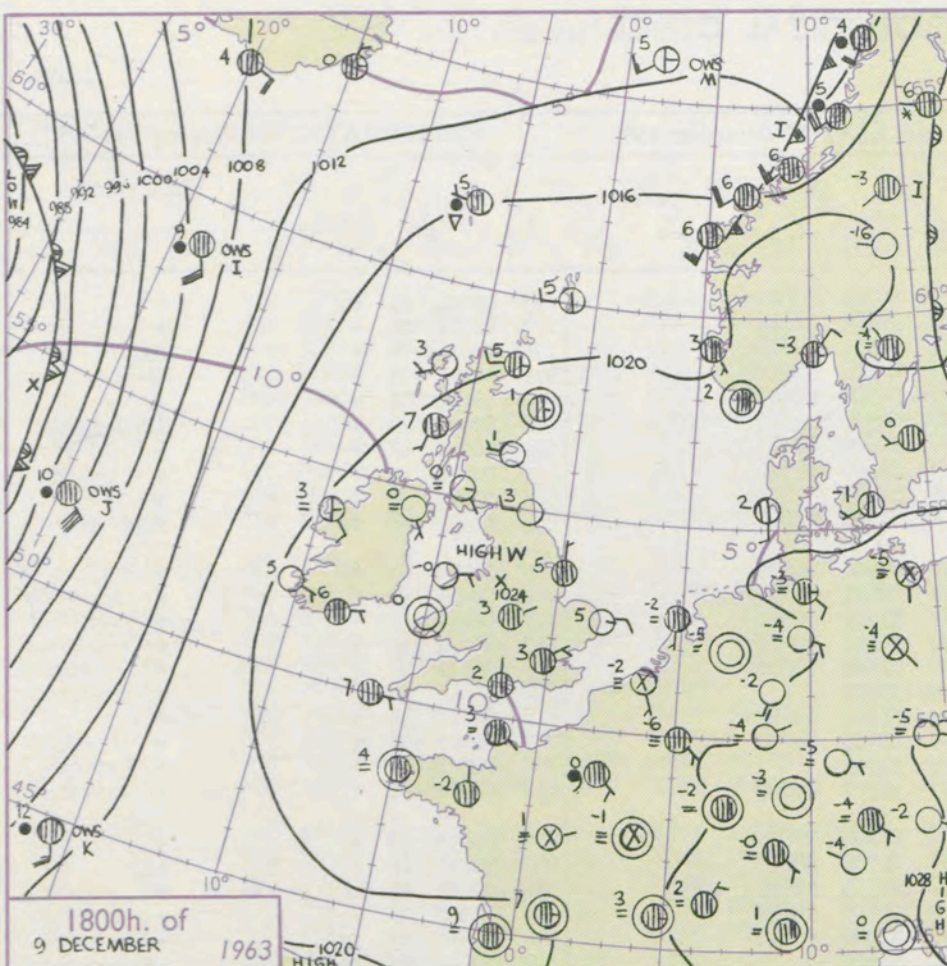
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Mean Sea surface isotherms for DECEMBER
SCALE 1:2x10⁷ are shown thus -10°-

Nautical Miles

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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 10 December 1963

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The deep Atlantic depression has moved slowly north and will now begin to fill with a drift to the northeast. Its associated occlusion will make slow progress into Ireland but the southerly gradient ahead of it will extend to all areas of the British Isles behind a ridge transferring to the north Sea and southern Scandinavia.

Rather cold weather over much of the British Isles will recede only slowly eastwards but increasing southerly flow will gradually clear overnight areas of fog and frost in central and eastern England and parts of east Scotland. Generally cloudy weather will spread to Northern Ireland and the extreme west of Britain with a little rain in some areas.

OUTLOOK for following 24 hours. Occasional rain in the west with temperatures nearer to normal. Dry but rather cold in the east.

48-52

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

Code FM 11.A										OBSERVATIONS at 00h. 10 December 1963										OBSERVATIONS at 06h. 10 December 1963										OBSERVATIONS during NIGHT					CONVE TAR °C to
Station	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _h M _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _h M _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRRT _n E	T _g T _g	WEATHER													
																						21h.—03h.	03h.—09h.												
Kew	775			03						775	83605	70022	21403	85511	50701	86620				775	00031	01	+	+	40										
London Airport	772	80407	48042	22503	85511	50705	88621			772	83606	37042	21802	85511	50501	88626				772	00021	01	+	+	39										
Gatwick	776	83601	58024	22202	85411	50803	88618			776	80000	59202	21702	85411	00501	88619				776	97011	00	+	id _o	38										
Thorney Island	871	83501	32052	22602	85411	01804	88615			871	83301	56052	21902	85411	00504	88618				871	00021	01	+	+	37										
Hurn	862	80402	40022	22303	85511	00802	88622			862	80000	58032	22002	85411	50500	88618				862	00011	01	+	+	36										
Guernsey	894	81308	48052	21804	86211	03101	87705			894	81408	62505	21304	85511	02501	84706	88621			894	97031	03	+	id _o d _o	35										
Wattisham	590	00206	32051	22752	00900	53504				590	70304	32101	21800	75411	50606	87619				590	00523	56	+	+	34										
Gorleston	497	40804	62031	22605	45500	02705	84627			497	70710	64021	22406	75511	03502	87626				497	00030	01	+	+	33										
Mildenhall	578	00604	32101	22652	00900	52603				578	00000	17101	22354	00900	54603				578	00543	57	+	+	32											
Cardington	559	00000	11101	22952	00900	52806				559	20000	11104	22552	25600	52501	82630				559	00543	58	ff	FFff	31										
West Raynham	485	50104	56011	22901	55600	00604	85632			485	60000	59012	22102	65611	01706	86633				485	00010	53	+	+	30										
Wittering	462	80000	40041	23003	85511	01604	88622			462	83502	37042	22503	85511	00601	88628				462	00031	03	+	+	29										
Boscombe Down	746	80801	48052	23201	86411	52802	88713			746	81001	48052	22401	85511	51603	88620				746	00011	52	+	+	28										
Ross-on-Wye										627	80502	57022	22201	86411	00603	88710				627	00001	57	+	+	27										
Bristol	628	81007	56052	22902	85411	51704	88615			628	82905	48052	22401	85511	51502	88620				628	00511	55	+	+	26										
Aberporth	502	01610	48050	22551	00900	53807				502	01510	48050	21250	00900	53707				502	00513	54	+	+	25											
Rhose (Cardiff)	715	81106	40052	22902	85411	51603	88615			715	81308	56052	22001	85411	51801	88618				715	00011	51	+	+	24										
Plymouth	827	80908	48041	22301	85511	50803	88623			827	50809	40041	20902	55611	00706	85632				827	00503	53	+	+	23										
Chivenor	707	00903	25050	22551	00900	53694				707	00903	28050	21351	00900	51705				707	00523	56	+	+	22											
St. Mawgan	817	10910	28050	21801	15500	50801	81627			817	71112	32051	20003	75511	02707	87627				817	00000	51	+	+	21										
Culdrose	809	81001	32052	21406	85511	03802	88628			809	81004	37052	20106	85611	03703	88630				809	00050	05	+	+	20										
Scilly	804	81709	56022	19309	86411	06809	88716			804	81712	56022	17909	85411	06706	88619				804	97070	11	+	id _o	19										
Elmdon	534	80000	28041	23401	85611	01500	88630			534	80000	58022	22501	85611	01504	88631				534	00001	55	+	+	18										
Shawbury	414	80000	56042	23202	85611	01603	88630			414	81705	48042	22303	85511	01603	88628				414	00020	02	+	+	17										
Manchester	334	01005	15284	22951	00900	53803				334	81104	56021	22301	85611	53706	88630				334	97530	55	ff	+	16										
Squires Gate	318	01403	04424	23553	00900	54801				318	01005	19104	22355	00900	56602				318	00553	59	ff	ff	15											
Valley	302	01407	48040	22751	00900	53703				302	01110	48040	21051	00900	52713				302	00523	55	+	+	14											
Ronaldsway	204	61212	61030	22604	65511	01706	86624			204	61517	59041	21004	65511	00706	86628				204	00510	52	+	+	13										
Carlisle	222	20000	17100	23752	26400	53707	82714			222	00000	25101	22953	00900	54102				222	00553	56	+	ffFF	12											
Watnall	354	80501	32042	23403	85511	51500	88627			354	71202	14042	22402	75611	00704	87635				354	00011	01	+	ff	11										
Spurn Head	396	83610	48022	23105	86411	02702	88710			396	83214	48022	21905	85511	03708	88625				396	00040	11	+	+	10										
Finningley	360	30000	02464	23501	35600	50503	83630			360	80000	05424	22601	85611	51102	88630				360	00001	54	ff	ff	9										
Dishforth	261	03202	13100	23951	00900	52400				261	70000	17101	22952	75611	53603	87630				261	00541	55	+	+	8										
Tynemouth	262	02610	48050	23201	00900	00601				262	02505	F1464	22651	00900	56701				262	00523	54	+	FF	7											
Eskdalemuir	162	93301	F7454	24153	91011	53806	89100			162	900																								

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

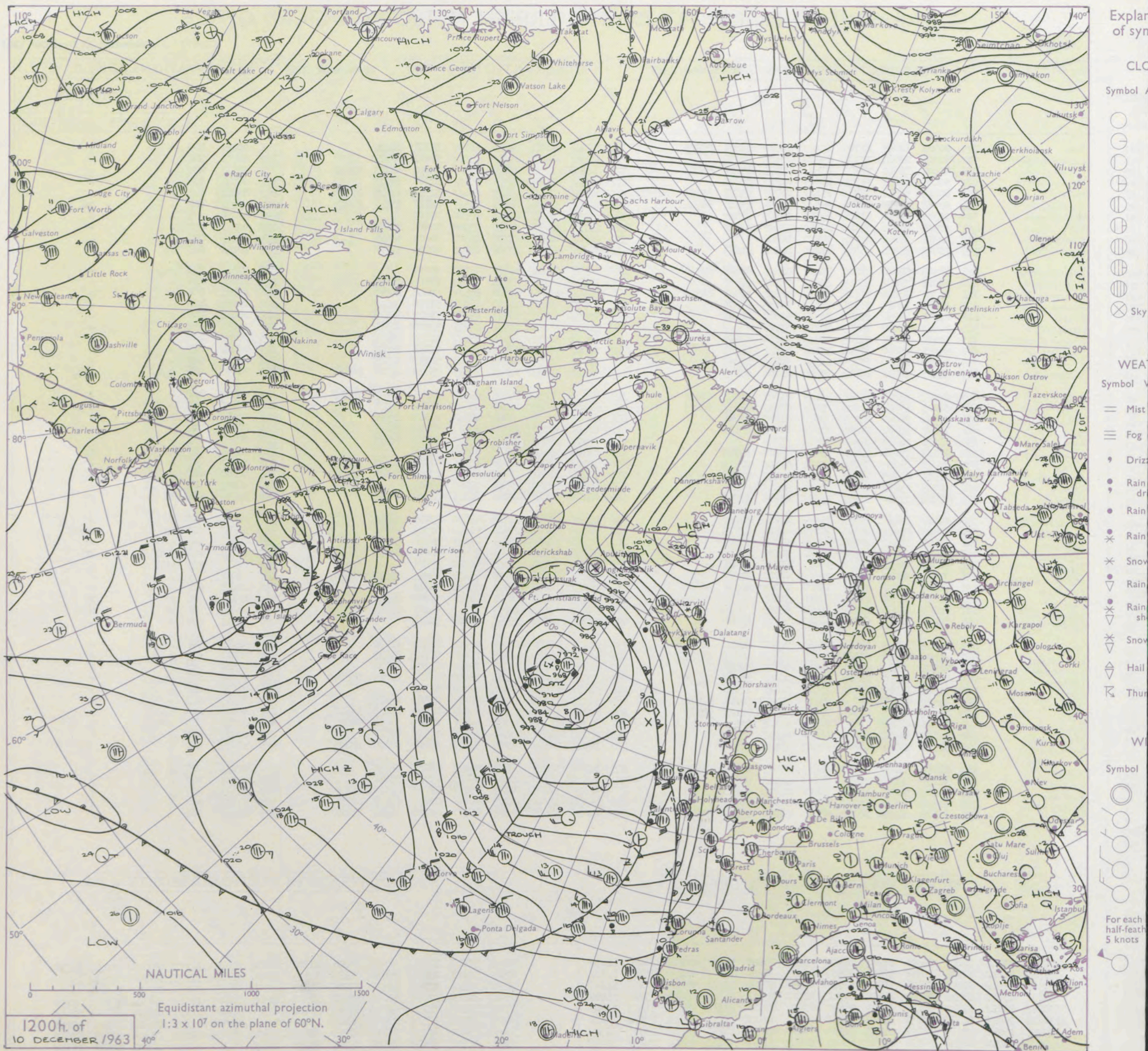
No. 37274

Date of Issue Wednesday 11 December 1963

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Code FM II.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
Station		iii	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T × E	SSS	WEATHER							
																									09h.—15h.	15h.—21h.					
Kew		775	80308	32042	20705	855//	50810	85625	88635		775	81706	60022	19904	855//	51802	88624				775	00051	000	+		+					
London Airport		772	80305	28042	21204	856//	01806	88635			772	81606	40042	20203	855//	51001	88625				772	00051	000	+		+					
Gatwick		776	80000	26042	21302	854//	01805	85616	88620		776	80806	44052	20101	854//	51803	82617	88622			776	00041	000	+		+					
Thorney Island		871	80000	48052	21703	855//	00802	88620			871	80607	37052	19703	855//	51706	88628			871	00041	000	+		+						
Hurn		862	80603	56042	21103	854//	00703	85618	88625		862	80805	37042	18703	854//	51711	83615	88627			862	00041	///	+		+					
Guernsey		894	81007	58055	20704	855//	02804	83704	88620		894	81312	58055	18204	855//	01711	83710	87623			894	97051	000	+		ld _o					
Wattisham		590	10705	56031	21704	15500	02805	81620			590	01302	20041	20302	00900	01605				590	00050	///	+		+						
Gorleston		497	20908	60031	23106	20930	03003	82358			497	21112	60011	21205	25500	02604	82625			497	00060	032	+		+						
Mildenhall		578	00301	37051	21704	00900	02808				578	40605	40051	20202	45500	01603	84626			578	00053	050	+		+						
Cardington		559	10000	11284	21703	15400	02810	81615			559	80804	23101	20302	855//	02805	88626			559	00041	025	ff		+						
West Raynham		485	70305	50042	22104	754//	02806	82618	87630		485	00908	37016	20850	00900	51601				485	97041	005	ir _o		+						
Wittering		462	10206	39042	22005	15600	01808	81630			462	70905	32041	20604	755//	01805	87624			462	00061	020	+		+						
Boscombe Down		746	81003	40052	22102	854//	51801	83618	88623		746	80904	40052	20002	855//	52808	88623			746	00021	000	+		+						
Ross-on-Wye		627	80000	24021	21501	863//	00705	88708			627	80902	48022	18903	865//	51710	88720			627	00031	006	+		+						
Bristol		628	81107	40052	21603	855//	51802	88625			628	80908	56052	18803	854//	51812	88619			628	00031	000	+		+						
Aberporth		502	01515	56050	19503	00900	53709				502	11414	56050	16701	10931	53710	81362			502	00031	054	+		+						
Rhoose (Cardiff)		715	71109	58051	21103	755//	51804	87625			715	81111	56052	18302	855//	51813	88620			715	00031	000	+		+						
Plymouth		827	10911	28041	19704	15600	03811	81630			827	80907	26041	16305	855//	03718	88622			827	00071	009	+		+						
Chivenor		707	11105	26030	19703	10930	50812	81359			707	21207	40010	17202	00901	50713	82075			707	00041	045	+		+						
St. Mawgan		817	31213	32051	19005	35400	04704	83615			817	81320	32055	14307	854//	05718	86710	88612			817	97070	008	do _o		do _o					
Culdrose		809	81407	58052	18408	856//	05707	83715	88633		809	81609	56052	14108	855//	04716	83622	88632			809	00080	000	+		+					
Scilly		804	81623	58025	16609	855//	06710	85712	88625		804	81622	58022	11609	854//	07719	88611			804	97100	000	+		ir _o						
Elmdon		534	71506	30042	22103	756//	01603	87635			534	81306	37041	20003	855//	01605	88628			534	00051	018	+		+						
Shawbury		414	71403	44042	21504	755//	01805	87628			414	81203	50041	19303	855//	00710	88628			414	00050	002	+		+						
Manchester		334	01402	26041	21605	00900	53706				334	70907	17041	19602	756//	52707	87633			334	00050	017	+		+						
Squires Gate		318	71107	17041	21102	756//	01808	87630			318	01008	09461	19352	00900	53705			318	00043	019	+		ff							
Valley		302	10000	58040	19604	15500	51810	81625			302	30507	58040	16500	15531	52816	81620	83075			302	00053	059	+		+					
Ronaldsway		204	71414	62022	19905	785//	01807	81822	87627		204	71320	64031	17305	754//	02810	84619	86630			204	00060	012	+		+					
Carlisle		222	00803	23051	22551	00900	51805				222	00905	28050	20651	00900	53604			222	00023	012	+		+							
Watnall		354	70704	11044	22103	756//	00806	87630			354	80702	10041	20203	855//	01806	88624			354	00041	008	ff		ff						
Spurn Head		396	80000	08464	21005	855//	04718	88625			396	41408	57014	21106	45500	05703	84620			396	00070	000	ff		+						
Finningley		360	73602	07044	22502	756//	00806	87635			360	80000	09044	20903	856//	02704	88631			360	00031	000	ff		ffff						
Dishforth		261	70202	19042	22650	756//	51806	87635			261	80602	10102	20801	856//	50705	88634			261	00011	000	+		+						
Tynemouth		262	02305	02444	22900	00900	51804				262	80000	02444	21203	855//																

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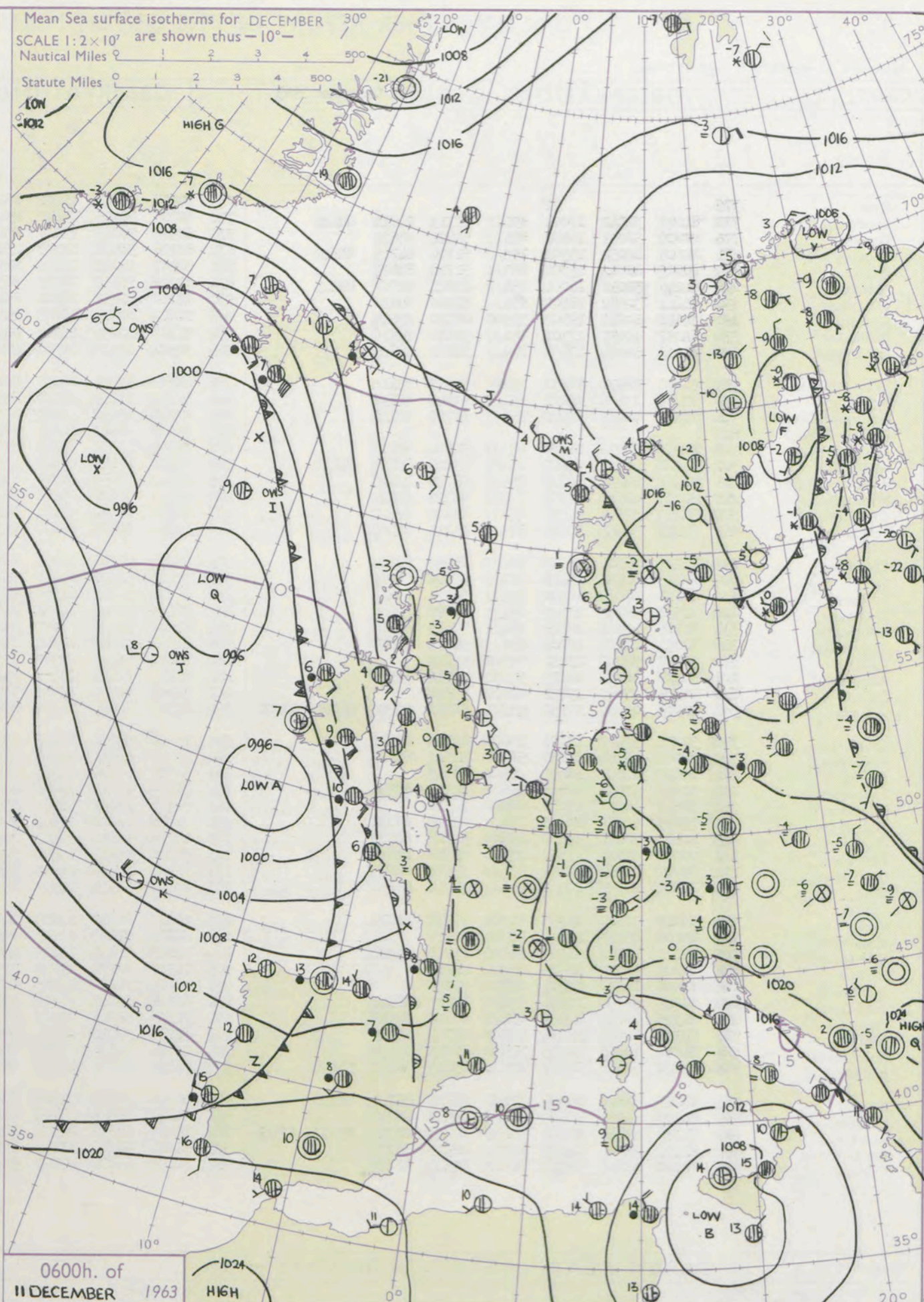
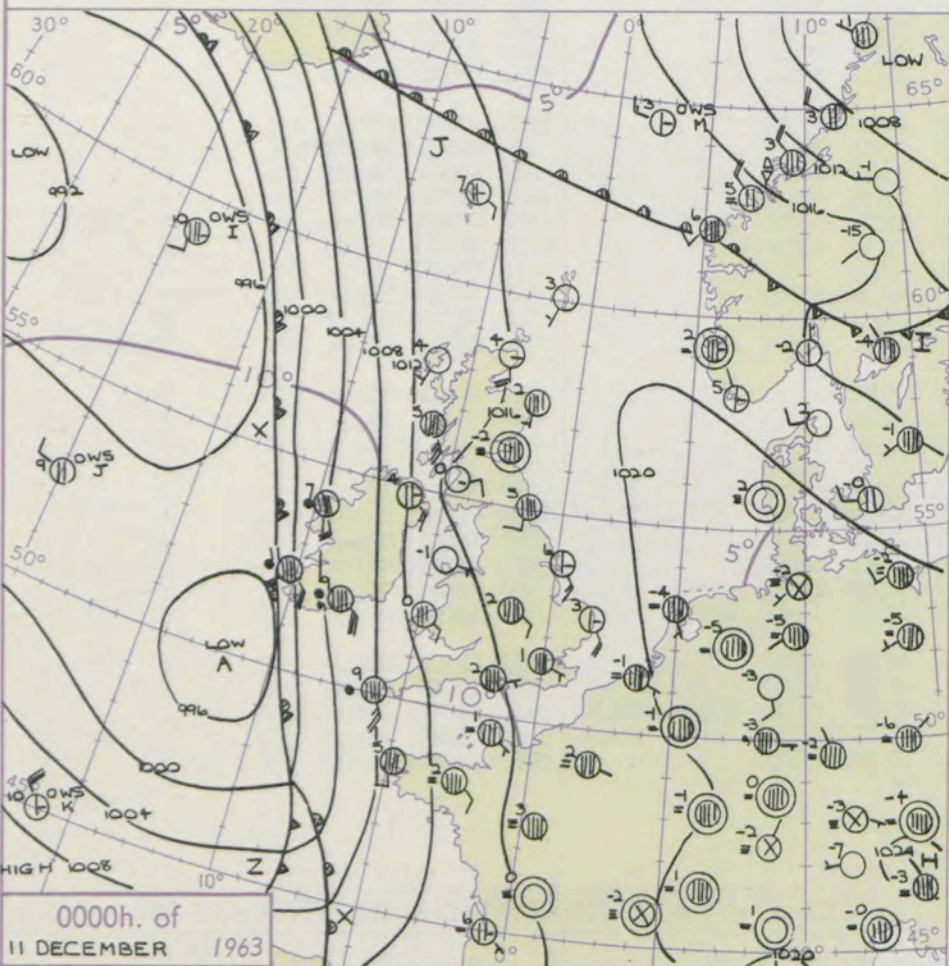
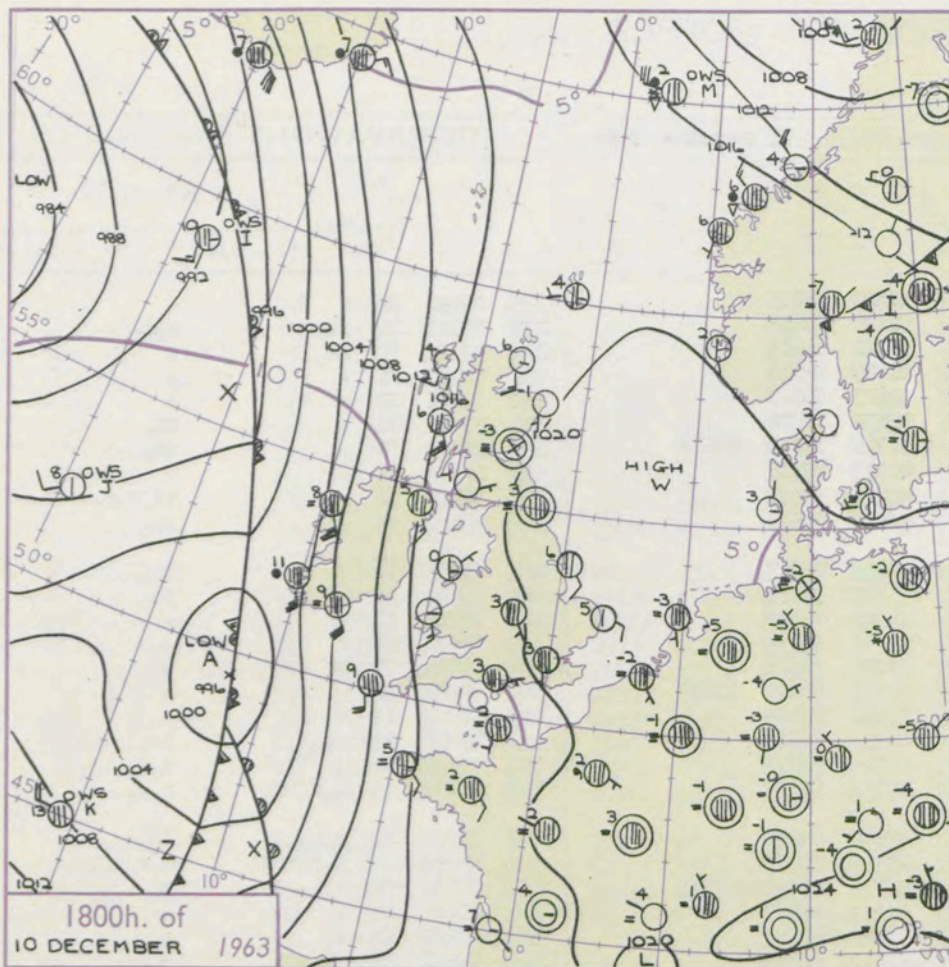
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GENERAL SYNOPSIS DEVELOPMENT

Issued at midday Wednesday 11 December 1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The Atlantic depression to the south of Iceland is filling rapidly while another has developed off southwest England. The latter is expected to move slowly into France and begin to fill. Another low is moving south from the northern Baltic while pressure is expected to rise over Scandinavia. The European ridge will decline while pressure remains low in the central Mediterranean.

Southeast winds will cover the British Isles. Sunny intervals are expected in some northwest areas but elsewhere it will be cloudy with a little rain or drizzle at times especially over the east coast and in southern and southwest England. Central and southeast England will be cold, perhaps with slight sleet or snow on high ground. Elsewhere mostly rather cold.

OUTLOOK for following 48 hours.

Cold over most of the British Isles with easterly winds and a little sleet or snow in the southeast. Frost in places at night.

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

OBSERVATIONS at 00h. 11 December 1963										OBSERVATIONS at 06h. 11 December 1963										OBSERVATIONS during NIGHT									
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n E	T _g T _g	WEATHER		CONV TA °C					
																						21h.—03h.	03h.—09h.						
Kew	775			02						775	80908	62022	13402	86411	51722	88716				775	00021	00	+	+	40				
London Airport	772	81007	37042	17001	85511	51713	82621	88628		772	80708	40205	13402	85411	51820	88618				772	97011	01	id _o	d _o d _o	39				
Gatwick	776	80809	58021	16600	85511	51821	88626			776	80908	56045	13201	85411	50721	88615				776	97501	51	id _o	+	38				
Thorney Island	871	80608	40052	15902	85511	51724	84715	88622		871	80708	58052	12303	85411	01823	88618				871	00011	01	+	+	37				
Hurn	862	80805	48042	15302	85511	51718	88627			862	80907	56042	11404	85511	02623	88622				862	00011	01	+	+	36				
Guernsey	894	81214	58052	14004	85411	02821	83707	88615		894	81216	58052	08605	86311	04831	88706				894	97021	01	+	id _o	35				
Wattisham	590	81411	32052	18401	85411	51610	88618			590	81210	32052	14801	85411	51719	83712	88618			590	97011	50	+	id _o	34				
Gorleston	497	31418	60011	19303	35500	00720	83626			497	71414	60021	16803	75511	01713	87625				497	00020	01	+	+	33				
Mildenhall	578	81207	40051	17901	85411	51610	88616			578	81103	40052	14701	86411	50718	88712				578	97501	54	+	id _o d _o d _o	32				
Cardington	559	81211	56032	17601	85411	52712	88615			559	80906	48022	14301	85411	50818	88616				559	97011	50	+	id _o	31				
West Raynham	485	31011	28030	18551	35400	52613	83618			485	81107	32031	15400	85411	51716	88615				485	97523	54	+	id _o	30				
Wittering	462	81107	13101	18001	85411	00810	88618			462	81110	32042	14700	85511	51715	88621				462	97001	52	+	id _o	29				
Boscombe Down	746	80910	40052	16900	85511	52718	88624			746	81012	48052	12801	85411	50724	88619				746	00501	51	+	+	28				
Ross-on-Wye	627									627	81008	48022	11101	86411	51725	88715				627	00011	00	+	+	27				
Bristol	628	80907	56052	15302	85511	52722	88622			628	80809	56052	10702	85411	50725	88616				628	00011	01	+	+	26				
Aberporth	502	61110	48051	12100	25431	53829	82618	84070		502	61415	48051	06803	45531	50727	84620	84070			502	00501	52	+	+	25				
Rhose (Cardiff)	715	80912	56052	14203	85511	01724	88625			715	81011	48052	09703	85411	01726	88619				715	00021	02	+	+	24				
Plymouth	827	81113	48042	11506	85511	03729	88620			827	81116	56026	06607	86311	06731	88708				827	97051	05	id _o	ir _o	23				
Chivenor	707	61213	37011	12303	65511	01828	86620			707	81013	40022	07104	86411	02728	88712				707	97031	01	+	d _o d _o	22				
St. Mawgan	817	81224	50502	10006	87311	05725	88709			817	81224	50026	04108	86311	07734	88709				817	01051	05	r _o r _o id _o	r _o r _o	21				
Culdrose	809	81218	56606	09707	86211	06723	88705			809	81314	40106	04008	86311	08732	88709				809	03071	06	r _o r _o	ir _o	20				
Scilly	804	81423	48636	07209	86311	09724	88708			804	81523	58506	00810	86311	09734	88707				804	05091	11	r _o r _o rrdr	d _o r _o ir _o	19				
Elmdon	534	81210	56042	16602	85511	51711	88623			534	81106	56042	13300	85411	51720	85713	88615			534	00501	51	+	+	18				
Shawbury	414	81508	56042	15603	85511	51820	88625			414	81208	48042	11801	85511	51722	88621				414	00000	01	+	+	17				
Manchester	334	71106	40041	16303	75411	50815	87618			334	81211	56022	12601	85411	53721	88617				334	00000	52	+	+	16				
Squires Gate	318	61011	11104	16000	65611	51711	86630			318	81318	56042	12301	85411	52717	88618				318	00511	56	ff	+	15				
Valley	302	00907	58040	13451	00900	53715				302	80610	58041	07900	85511	53735	88625				302	00523	56	+	+	14				
Ronaldsway	204	51427	50011	14005	55500	01717	85620			204	81230	40042	09604	85411	01725	88619				204	00030	02	+	+	13				
Carlisle	222	00606	37050	17851	00900	53610				222	30807	40051	13802	35500	51723	83628				222	00523	54	+	+	12				
Watnall	354	70905	03464	17550	55501	50714	82707	84620	87070	354	81207	59024	14250	85511	52614	88622				354	97500	54	ff	+	11				
Spurn Head	396	31415	59010	17706	35600	04726	83630			396	51415	59011	15206	55500	04717	85625				396	00020	11	+	+	10				
Finningley	360	50000	09464	18150	56400	51512	85715			360	81215	48044	14801	85411	51615	88616				360	00521	55	FFff	+	9				
Dishforth	261	00000	14101	18451	00900	51613				261	61509	17104	14701	65511	01717	86625				261	00521	54	ff	+	8				
Tynemouth	262	81809	32044	18205	85611	02719	88630			262	61714	61022	14505	65611	02724	86630				262	00031	53	ff	+	7				
Eskdalemuir	162	03501	40050	18453	00900	54612				162	81109	58051	14001	85511	51618	82715	88625			162	00553	59	+	+	6				
Mull of Galloway	131	71826	66012	12405	77411	01728	87718			131	81822	66022	09604	86511	01726	88720				131	00031	11	/	/	5				
Prestwick	135	10610	50040	15500	15600	52710	81640			135	00909	62020	11502	00900	53723					135	00523	56	+	+	4				
Renfrew	141	20907	11104	17151	25500	51708	82625			141	70000	50041	12851	75511	52724	87625				141	00533	56	+	+	3				
Leuchars	171	80000	04484	18052	85611	53614	88637			171	82802	17104	14653	85611	53718	88632				171	00553	57	FF	FF	2				
Dyce	091	81804	48051	18002	85611	50716	88630			091	81801	58502	15303	85511	01614	88623				091	97013	00	+	id _o id _o r _o	1				
Wick	075	11622	74020	15304	00901	51712	81075			075	01625	74020	12605	00900	00712					075	00041	02	+	+	0				
Cape Wrath	049	00000	83010	13704	00900	00710				049	01802	82020	11603	00900	01720					049	00013	54	+	+	-1				
Sule Skerry	010	21413	44010	14705	26500	03718	82720			010	21813	81020	13405	26500	01703	82725				010	00030	02	/	/	-2				
Lerwick	005	02006	66020	18503	00900	02606				005	71708	66031	17605	75511	02707	87626				005	97011	53	+	+	-3				
Stornoway	026	02006	74020	13704	00900	02709				026	00000	74020	11253	00900	53715					026	00533	56	+	+	-4				
Benbecula	022	81710	58042	12806	85411	01703	88618			022	61616	59041	10304	65511	50503	86623				022	00031	01	+	+	-5				
Tiree	100	81325	48042	12505	85411	02606	88618			100	81323	58041	09905	85511	00714	88622				100	00041	02	+	+	-6				
Aldergrove	917	51213	62011	12104	55500	01718	85623			917	81215	59022	08404	85511	01719	88622				917	00031	02	+	+	-7				
Malin Head	980	31210	61011	10305	35500	01715	83628			980	81020	59051	06005	85611	01720	88640				980	00041	03	/	/	-8				
Belmullet	976	81422	58606	03307	66571	05713	86723	88458		976	81222	56606	00006	86411	05617	86711	88627			976	03051	05	/	/	-9				
Birr	965	81219	56606	06606	87411	05718	86711	88716		965	81017	59606	01906	87411	05723	88716				965	91051	05	/	/	-10				
Collinstown	969	81420	64022	10605	86411	02718	88712			969	81317	58205	06405	86411	02720	88712				969	97051	04	/	/	-11				
Rineanna	962	71330	59586	03209	56431	07725	82712	85717	87359	962	81020	58635	98508	86311	07725	83708	85710	88718		962	04071	07	/	/	-12				
Roches Point	952	81229	48586	04409	87311	08723	88709			952	81231	56616	97409	87311	09731	88708				952	10091	07	/	/	-13				
Valentia	953	81220	48616	99511	86411	09514	88710			953	50000	59031	97007	56400	07822	85715				953	16071	04	/	/	-14				
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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

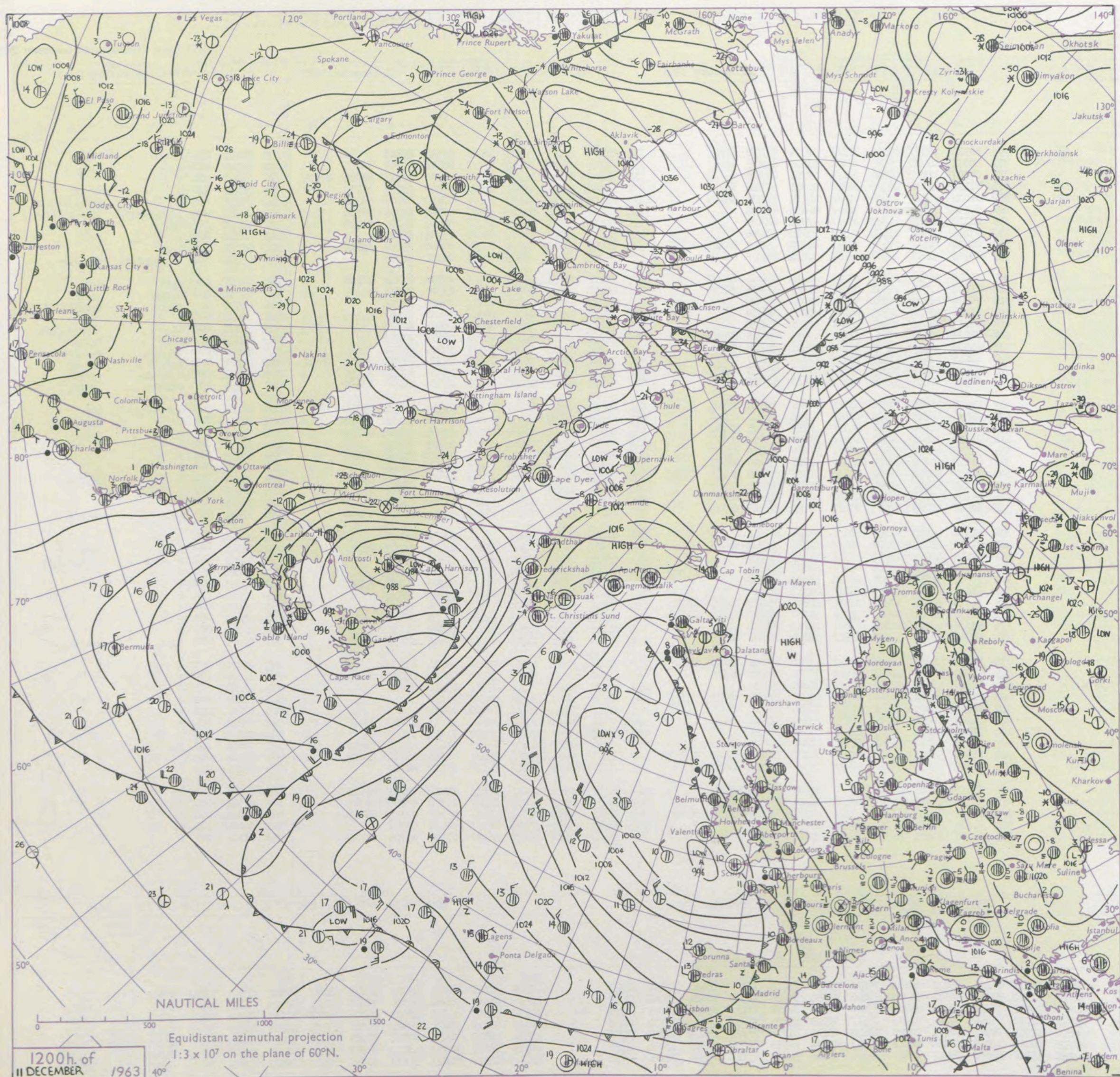
No. 37275

Date of Issue Thursday 12 December 1963

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to °F

Code FM 11.A		OBSERVATIONS at 12h. 11 December 1963								OBSERVATIONS at 18h. 11 December 1963								OBSERVATIONS during DAY					
Station	iii	Nddff	VVwwWW	PPPTT	N _h Ch _s Ch _s	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h Ch _s Ch _s	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRTT	SSS	WEATHER	
																						09h.—15h.	15h.—21h.
Kew	775	80912	14515	09503	87311	02824	86708	88712		775	81015	14045	07305	86211	03505	88704			775	97051	000	dodo	ldo
London Airport	772	80811	16515	09903	87211	01722	85705	88707		772	80714	15042	07504	87211	04604	88703			772	97041	000	dodo	dodo
Gatwick	776	80907	17102	09902	86211	02721	88703			776	81108	24102	07005	86211	04706	83703	87704	88705	776	00051	000	+	+
Thorney Island	871	81110	58052	08305	86311	04825	86706	88709		871	81015	50602	05007	86311	05708	83707	88710		871	02071	000	+	irorrr
Hurn	862	81010	57042	07906	85411	04719	87709	88612		862	81111	56616	03508	87211	07610	82706	88708		862	02091	000	+	rororrrRRdodo
Guernsey	894	81224	28616	02507	76221	06833	87703			894	81517	56616	01209	87111	09103	83702	86704		894	02101	001	ldodo	ldodo
Wattisham	590	81110	48035	11503	86211	02820	88705			590	81112	30505	09705	86211	04000	84705	88707		590	97051	000	ldo	ldo
Gorleston	497	81515	58052	13604	85511	03715	88625			497	81413	58102	11605	85511	05505	88620			497	00060	000	+	+
Mildenhall	578	80804	32515	11402	86311	01820	86706	88710		578	80907	32055	09505	86311	03000	85708	88710		578	97051	000	dodo	+
Cardington	559	80708	58685	10901	85411	00821	86715	88618		559	80909	58207	08803	86311	02701	88706			559	97041	000	ldoro	ldodo
West Raynham	485	80909	26515	12201	87311	01818	86706	88709		485	81112	16515	10404	87211	03500	87704	88705		485	91041	000	dodo	dodo
Wittering	462	81007	11515	11901	85511	01817	87706	88620		462	81011	16205	09803	86211	03300	88703			462	91041	000	dodo	dodo
Boscombe Down	746	80914	28505	08302	86111	01831	88702			746	81017	14586	05005	86011	05508	88701			746	01051	000	ldo	dodo
Ross-on-Wye	627	81008	48052	07503	86411	01823	88710			627	80912	17636	05003	80321	02608	88508			627	05032	000	+	rrid
Bristol	628	81013	40052	06803	85411	02721	88613			628	80813	23506	03404	86211	04609	88703			628	93051	000	ldo	irorrdodo
Aberporth	502	71223	48052	03204	15472	01817	81618	87359		502	71216	56216	00603	70971	02712	87359			502	02051	001	roro	roro
Rhoose (Cardiff)	715	80920	48052	05603	85411	02824	85708	88615		715	80822	11586	01904	87111	04609	88702			715	02051	000	ldoro	ldodo
Plymouth	827	81015	23616	00907	85411	07733	87707	88615		827	71411	63026	98809	75411	08306	81707	83615	86634	827	09101	001	roro	roro
Chivenor	707	81016	32616	02905	85511	04728	86707	88620		707	80914	69216	99208	85411	05506	87615	88635		707	92091	000	dodo	ldodo
St. Mawgan	817	81322	32536	99108	87211	07819	84705	88708		817	51314	66216	57208	48470	07500	81706	83632		817	05091	001	ddDRrr	irorpro
Culdrose	809	81418	19616	98908	85411	08821	86704	88616		809	42008	64018	96608	48500	07506	81712	83818		809	06101	002	doro	ldodo
Scilly	804	70000	66216	96810	48471	10813	83812	85458		804	52309	83258	95308	58400	08603	82812	85620		804	10112	008	rr	irpr
Elmdon	534	81011	44202	10201	86311	51717	83708	88710		534	80911	23515	07602	87111	02805	83702	88703		534	97031	000	dodo	dodo
Shawbury	414	81110	36042	09401	85411	51714	82708	88615		414	81014	40505	07402	86311	01703	88706			414	97031	000	+	ldodo
Manchester	334	71108	48042	09902	75411	53818	83615	87625		334	81011	40042	08203	85411	00505	86710	88615		334	00040	000	+	+
Squires Gate	318	81114	40042	09602	85511	51706	83620	88630		318	81118	29042	08202	85411	00701	88614			318	00041	000	+	+
Valley	302	70407	58042	05004	15638	01714	81640	84462	87270	302	50716	56042	04102	20938	51311	82360	85070		302	91051	002	+	irororo
Ronaldsway	204	81133	56042	07404	85411	02808	82712	88616		204	81031	32042	07003	85411	01006	88614			204	00050	000	+	+
Carlisle	222	61109	58051	12201	25501	52808	82620	86075		222	31110	48051	11302	35501	53309	83626			222	00033	016	+	+
Watnall	354	81011	40205	11201	85411	51720	85707	88615		354	81010	09515	09502	87211	02501	86704	88706		354	97031	000	dodo	dodo
Spurn Head	396	81612	48022	12803	85411	01714	88615			396	81415	57022	10805	86411	04502	88715			396	00060	000	+	+
Finnigley	360	81209	48042	12501	85411	51715	84712	88617		360	80809	29515	10903	87311	02303	86707	88710		360	91041	000	dodo	dodo
Dishforth	261	71108	40042	13701	75511	51714	87625			261	83606	28502	11801	85411	50302	88612			261	97031	000	+	ldoro
Tynemouth	262	81710	48052	13604	85411	00807	88618			262	81425	61022	12206	85511	01304	88620			262	00061	000	+	+
Eskdalemuir	162	71317	58052	12501	68412	53807	86818			162	71015	58052	11702	78411	52305	85817	87628		162	00023	000	+	+
Mull of Galloway	131	81620	66022	07604	86411	00713	88710			131	61624	66022	07803	66411	00203	86714			131	00041	000	+	+
Prestwick	135	71214	60041	10202	35532	51802	83620	83360	87070	135	60306	58031	09902	55501	51306	85627			135	00030	002	+	+
Renfrew	141	71014	24041	10903	35576	50710	83622	83362	85270	141	60813	37042	10804	65611	01305	86630			141	00053	000	+	+
Leuchars	171	81206	62024	13004	85611	02712	88630			171	81118	62022	12906	85511	01304	88627			171	00060	000	+	+
Dyce	091	81313	48506	14106	85511	03709	85715	88625		091	81210	56022	14806	85411	02306	82618	88623						

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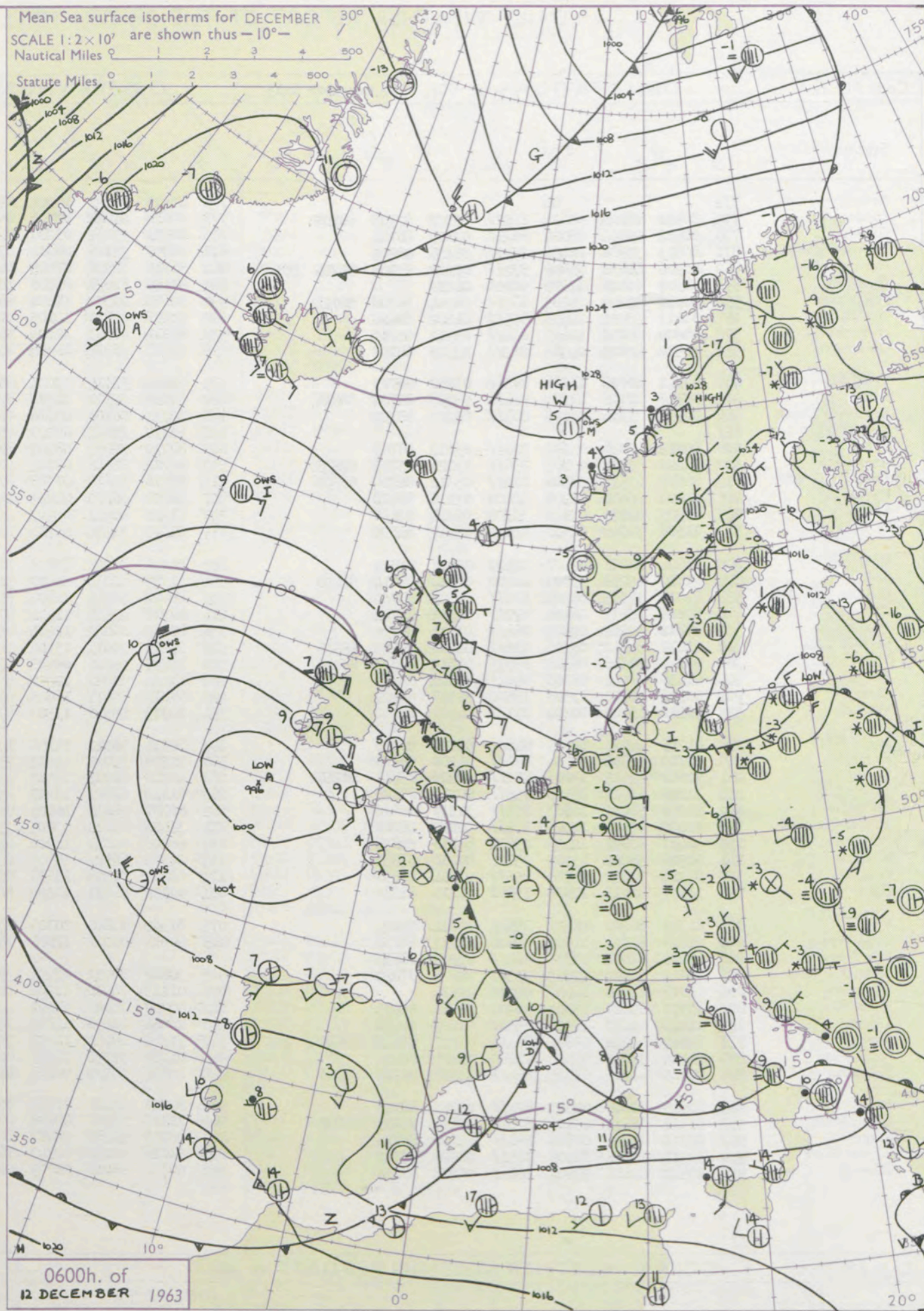
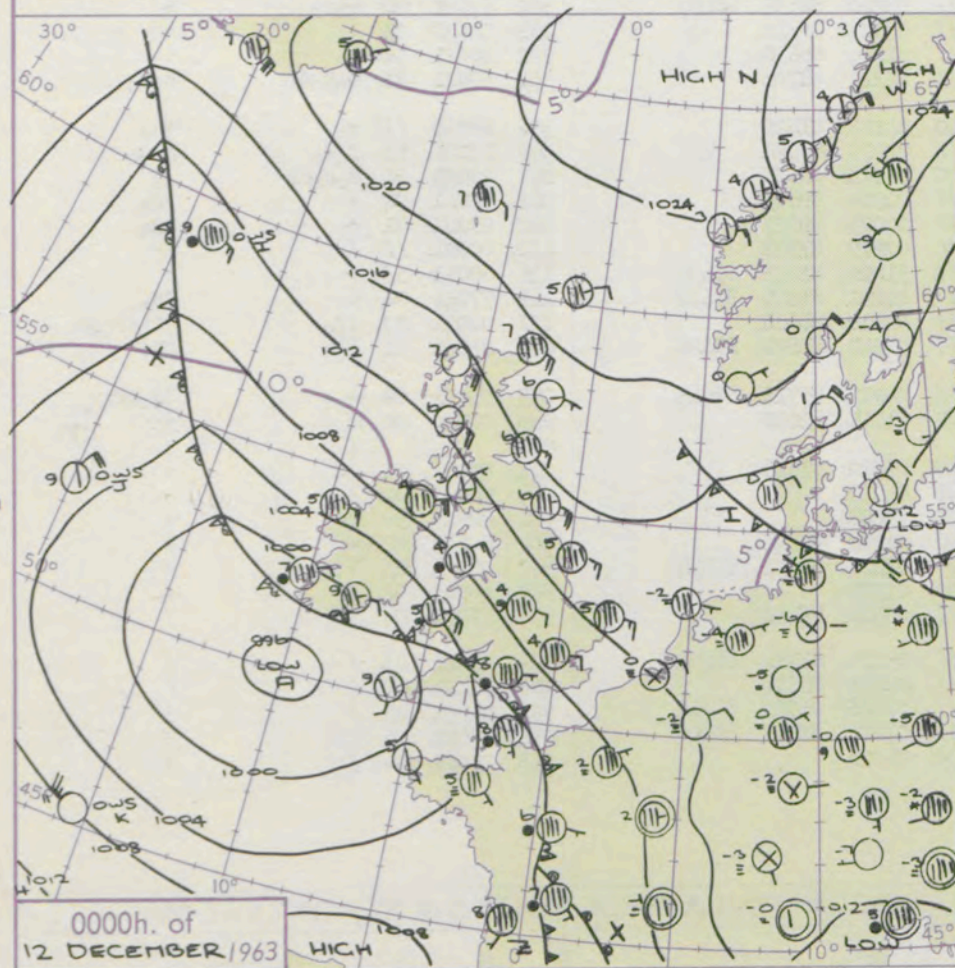
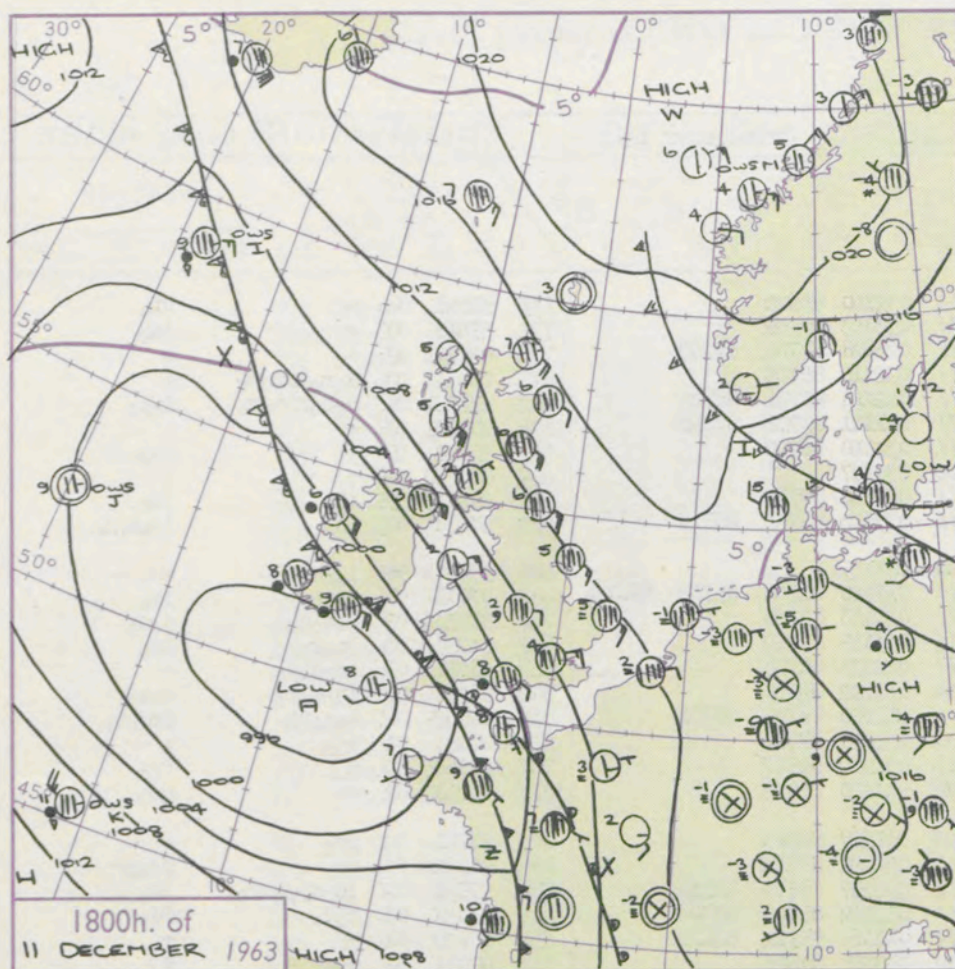
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Mean Sea surface isotherms for DECEMBER
SCALE 1:2x10' are shown thus -10°-
Nautical Miles
Statute Miles

GENERAL SYNOPTIC DEVELOPMENT

The depression off southwest England will continue to fill and move into Biscay as a trough while another low in the Gulf of Lyons will move east. A large anticyclone is developing to the north of the British Isles with a strong ridge across Scandinavia to Russia. Easterly winds will be maintained over the whole of the British Isles. A new depression is forming north of the Azores.

Issued at midday

Thursday 12 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Occasional rain in southwest England will die out. All areas will then have sunny periods but eastern districts of the British Isles will be subject to showers. These will fall as snow over high ground, and perhaps over low ground in southeast England. It will be rather cold in the north and cold in some central and southeastern parts of England.

OUTLOOK for following 48 hours
Little change.

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

OBSERVATIONS at 00h. 12 December 1963										OBSERVATIONS at 06h. 12 December 1963										OBSERVATIONS during NIGHT				CONV TA °C	
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER			
																						21h.—03h.	03h.—09h.		
Kew	775			04						775	80915	60022	10005	85511	03210	88620				775	97041	04	+	ido	40
London Airport	772	80912	18045	08204	86211	03307	83703	88705		772	80616	26042	09905	86311	03313	88709				772	97041	03	+	ido	39
Gatwick	776	80912	29102	08004	86211	03108	88704			776	80712	37052	09204	86211	02308	83704	88707			776	00031	03	+	+	38
Thorney Island	871	80813	32606	06406	87211	05206	88703			871	80707	32106	08404	87211	03214	88705				871	03041	03	d _o r _o irr _o r _o	+	37
Hurn	862	80906	48636	05008	87211	07208	83704	85706	88708	862	80710	32206	07405	86211	04214	86704	88705			862	01041	04	d _o d _o rrd _o r _o	d _o d _o	36
Guernsey	894	01909	82026	03609	00900	06210				894	81505	82031	05408	36371	06211	83708	87360			894	00071	03	+	+	35
Wattisham	590	80810	37105	10505	86311	04304	86708	88711		590	80610	40502	11404	86311	03210	88708			590	97021	50	+	ido	34	
Gorleston	497	81017	58052	12305	85511	04102	88620			497	00918	62011	13105	00900	03207				497	00040	03	+	+	33	
Mildenhall	578	80809	48052	10405	86411	03310	88712			578	80511	58505	12104	86411	02214	88710			578	97011	52	ido	ido	32	
Cardington	559	80914	40025	09305	86311	03305	88708			559	80511	56032	11305	85411	03313	86713	88618			559	97031	03	ido	ido _o d _o	31
West Raynham	485	80912	40025	11304	86311	03210	88709			485	00612	58015	13001	00900	00315				485	97001	52	ido	+	30	
Wittering	462	80713	17105	10704	85411	03307	86704	88614		462	80616	32502	12504	85411	03110	82706	85709	88613	462	97011	51	d _o d _o	ido	29	
Boscombe Down	746	80918	37516	06105	86111	05205	88702			746	80715	28105	08504	86311	03213	88706			746	91031	02	ddd _o d _o	d _o d _o	28	
Ross-on-Wye	627									627	80710	48025	09205	86411	03315	88710			627	01031	02	ido _r r _o r _o	ido	27	
Bristol	628	80813	40026	05205	86211	05212	88705			628	80710	32055	08105	86311	04223	88706			628	91041	04	ido _o d _o	+	26	
Aberporth	502	71220	59506	03205	75611	03224	83705	87635		502	51218	66206	07005	55700	03122	85656			502	91041	02	ido _o d _o r _o	d _o d _o	25	
Rhoose (Cardiff)	715	80817	23515	03906	87211	05312	86704	88705		715	80816	20636	07705	87211	04220	86704	88706			715	14042	04	d _o d _o RR	rrd _o r _o	24
Plymouth	827	31409	66018	01909	32400	07216	83818			827	20707	66030	04905	21400	05318	82818			827	00051	01	+	+	23	
Chivenor	707	30905	82016	02108	35700	07215	83650			707	61206	80021	05907	65411	05222	86617			707	94061	04	+	ir _o	22	
St. Mawgan	817	11508	74028	00706	15600	05217	81630			817	21007	74250	04104	22500	03220	82825			817	91041	02	+	pr _o	21	
Culdrose	809	11604	82258	99907	12500	05216	81820			809	21506	80028	02608	22500	05217	82820			809	97041	02	pr _o	+	20	
Scilly	804	41810	82258	97809	48400	07216	81814	83620		804	31713	82030	01009	32400	05219	83814			804	91082	//	pr	pr _o pr	19	
Elmdon	534	81011	16515	08504	86111	04309	88702			534	80710	56506	11204	86311	03217	83709	88711			534	97031	02	ido _o d _o ir _o	ido	18
Shawbury	414	80816	23515	08404	87211	04301	88704			414	80918	23505	11604	87211	03322	84705	88708			414	97031	03	d _o d _o	ido	17
Manchester	334	80812	59022	09505	86411	01211	88710			334	80619	66022	12404	85511	01116	85712	88620			334	00030	01	+	+	16
Squires Gate	318	61019	56042	09504	65411	02208	82713	86615		318	10813	70011	13104	15500	00320	81625			318	00031	51	+	+	15	
Valley	302	80517	58616	06304	65671	03315	86631	88460		302	60826	59016	09505	45671	03220	84635	86460			302	93031	00	r _o r _o	+	14
Ronaldsway	204	81036	58042	08506	85411	03308	88614			204	81034	61042	12506	85411	03125	88618			204	00030	03	+	+	13	
Carlisle	222	10916	56050	13503	15500	52217	81625			222	60810	58011	16405	65611	01214	86630			222	00021	54	+	+	12	
Watnall	354	80911	19205	10304	87111	04306	88702			354	80713	56515	13303	87211	02217	88703			354	97021	51	d _o d _o df	d _o d _o	11	
Spurn Head	396	81215	48022	12105	86411	05209	88715			396	10916	58011	14106	15500	04212	81620			396	00040	//	+	+	10	
Finningley	360	80710	23505	12204	87411	04208	88710			360	70508	59025	14603	75511	01215	87628			360	93021	52	d _o d _o	d _o d _o	9	
Dishforth	261	80812	37515	13203	87411	02209	85711	88714		261	40308	60015	16003	45600	01213	84635			261	95021	51	d _o d _o dd	jp	8	
Tynemouth	262	71225	61022	15106	75511	00213	87625			262	81118	66022	17207	85511	02316	88625			262	97061	04	+	ido	7	
Eskdalemuir	162	81008	58022	14603	85511	51317	88620			162	80707	58032	16103	85511	00005	88627			162	97021	01	+	ido	6	
Mull of Galloway	131	81420	60032	10304	86411	02213	88716			131	31426	66011	13905	35400	02219	83618			131	00021	//	/	/	5	
Prestwick	135	30407	60021	12403	25601	51216	82630			135	60706	64032	16004	65512	51221	83625	85635			135	00013	53	+	+	4
Renfrew	141	70916	58042	13505	75611	00216	87630			141	80609	66502	17305	85511	02221	83625	88637			141	97041	00	+	ido	3
Leuchars	171	81214	74022	15906	85611	01212	88630			171	80811	70506	18607	85611	02218	88630			171	02051	03	ir _o	idoir _o pr	2	
Dyce	091	11107	62015	17806	15600	01214	81635			091	80806	66801	20205	88511	04212	83820	88628			091	94031	51	ido	pr _o	1
Wick	075	81319	66022	18307	85511	50214	88625			075	81309	63606	20706	85511	04211	83715	88625			075	95051	02	+	idoir _o	0
Cape Wrath	049	21428	82021	14606	25600	01215	82630			049	20910	82022	17606	25600	01211	82630			049	00040	00	+	+	-1	
Sule Skerry	010	81224	61022	17608	86411	03217	88715			010									010		/	/	/	-2	
Lerwick	005	70811	66022	22005	75511	02216	87620			005	30610	80031	23504	35500	01310	83626			005	00031	01	+	+	-3	
Stornoway	026	01218	69020	14607	00900	02216				026	01213	74010	17906	00900	03215			026	00051	02	+	+	+	-4	
Benbecula	022	10911	69010	13002	00901	51210	81075			022	00000	74020	17201	00900	51223			022	00523	56	+	+	+	-5	
Tiree	100	11126	62050	11006	15500	01005	81624			100	11021	61050	15806	15500	01222	81620			100	00051	02	+	+	-6	
Aldergrove	917	80824	40042	08604	85411	02217	85711	88618		917	71204	40042	12205	75411	02221	82711	87614			917	00031	03	+	+	-7
Malin Head	980	21414	59051	09605	25600	00227	82635			980	01228	59050	13007	00900	02320				980	00041	02	+	/	-8	
Belmullet	976	80915	61215	05005	86411	03227	86710	88715		976	80818	58102	08607	86411	05326	88711			976	97041	04	/	/	-9	
Birr	965	80815	59606	02505	87411	03213	88713			965	80713	62026	07207	86411	05230	86714	88632			965	02041	03	/	/	-10
Collinstown	969	81118	56615	05106	87311	05116	83707	88709		969	81017	58206	09006	86411	05224	88710			969	04051	05	/	/	-11	
Rineanna	962	80712	62216	00706	86411	04210	88714			962	80718	58586	04708	86311	07228	85709	88712			962	01051	04	/	/	-12
Roches Point	952	70911	74036	98009	76511	08220	87721			952	51018	74038	02509	58411	07228	81817	85640			952	05081	06	/	/	-13
Valentia	953	80512	62616	97807	86411	06207	88710			953	00710	66016	00709	00900	05223				953	05061	04	/	/	-14	

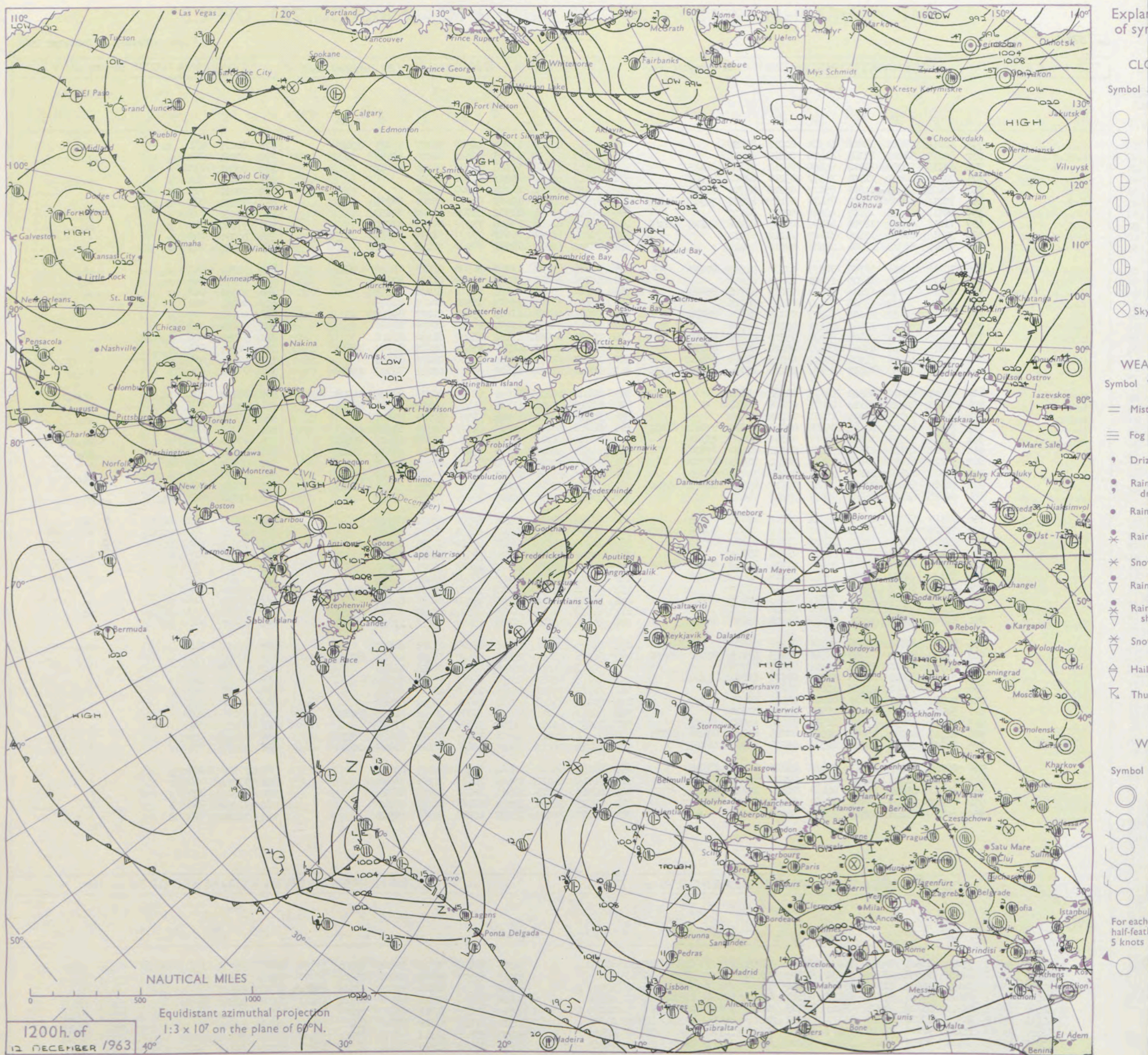
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37276

Date of Issue Friday 13 December 1963

Code FM 11.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
Station		ill	Nddff	VVwwW	PPPTT	N _h L _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwwW	PPPTT	N _h L _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT	T x E	SSS	WEATHER		
																									09h.—15h.	15h.—21h.
Kew	775	50714	58015	13006	52500	00212	85820				775	40716	66011	17705	44500	52327	81823	83629		775	00071	031	jp		jp	
London Airport	772	40619	58045	13205	41400	01212	84818				772	50719	66011	17805	35501	00225	83625			772	00061	021	+		+	
Gatwick	776	60716	50052	12304	65400	01112	81707	86615			776	30810	62011	17104	35500	50226	83622			776	00061	033	+		+	
Thorney Island	871	70711	40052	11705	76311	03210	82706	87709			871	00612	66011	16603	00900	01229				871	00061	012	+		+	
Hurn	862	70609	39052	11605	85411	03215	83708	87618			862	00610	62011	16103	00900	50228				862	00061	111	+		+	
Guernsey	894	70810	60606	08609	75471	07113	82706	84708	85612		894	80617	28052	12407	86311	05220	88708			894	91091	003	ir _o r _o r _o		+	
Wattisham	590	40713	62031	15005	42400	02215	84816				590	30610	63031	18902	35700	51120	83650			590	97061	111	+		pr _o	
Gorleston	497	71016	62258	16306	48471	03115	82816	84623	86360		497	70725	62258	19406	73511	00217	87920			497	97060	019	pr _o		pr _o	
Mildenhall	578	30812	69035	15506	31400	01112	83818				578	70205	62031	20501	75611	51230	87636			578	00070	049	+		+	
Cardington	559	20511	58025	15004	26400	02112	82710				559	00712	62011	19502	00900	00228				559	00061	043	+		+	
West Raynham	485	70914	69151	16305	78511	02114	81820	87635			485	30616	69018	19903	38500	51219	81820	83645		485	91061	040	pr _o		pr _o	
Wittering	462	10613	59025	16305	15601	02213	81640				462	10708	56016	20403	15500	01226	81620			462	97071	045	ir _o		id _o	
Boscombe Down	746	80816	37052	12405	85511	03214	87708	88620			746	50607	59031	17303	55711	51228	85656			746	00051	008	+		+	
Ross-on-Wye	627	80609	57022	13903	86411	02116	88715				627	10805	57021	18503	15500	00226	81625			627	00051	000	+		+	
Bristol	628	80610	58052	13005	85511	03216	86710	88622			628	20409	56051	17603	25400	00227	82618			628	00051	000	+		+	
Aberporth	502	70913	56052	12805	66431	03220	86712				502	11010	58051	17703	10940	00329	81360			502	00061	013	+		+	
Rhoose (Cardiff)	715	80815	48036	12605	86311	03220	84706	88710			715	20813	61011	17104	25400	01230	82618			715	91051	000	d _o r _o id _o		+	
Plymouth	827	80815	24516	09806	85411	05124	86705	88615			827	80712	40055	14206	85411	04223	82708	88615		827	92071	000	d _o d _o		+	
Chivenor	707	81108	40036	11506	85611	04223	87709	88640			707	10907	61011	16005	15400	01226	81612			707	97071	000	ir _o		+	
St. Mawgan	817	80815	32058	09607	85611	06226	83704	85707	88630		817	80916	32052	13505	85411	03221	82707	88618		817	00071	004	+		+	
Culdrose	809	61107	82022	08210	58531	06124	85820				809	80804	28606	12806	67321	05225	82706	85708	88511	809	01111	020	id _o		ir _o r _o r _o	
Scilly	804	51413	82028	06810	42471	07228	84812				804	60921	48018	11708	65400	07232	84708	86618		804	93121	044	pr		pr _o	
Elmdon	534	20713	59035	15204	11401	01114	81815				534	30810	50216	19504	35500	52226	83620			534	97051	049	+		ir _o	
Shawbury	414	70813	50042	16404	35506	02219	81713	83622	87072		414	60608	50041	20005	65611	03323	81630	86650		414	00071	029	+		+	
Manchester	334	60911	59031	16806	28571	00324	82820	83365			334	30814	56016	20804	35500	00225	81622	83645		334	97071	015	+		id _o ir _o	
Squires Gate	318	70511	48041	17505	75532	03121	81622	87630			318	60816	56048	21105	55612	02227	81630	85645		318	91061	003	pr _o		pr _o	
Valley	302	50723	61031	14206	15652	50211	81630	85360			302	20511	60021	19404	00902	02333	82070			302	00071	030	+		+	
Ronaldsway	204	71029	69022	17107	11502	02121	81825	87070			204	70929	69252	21207	78411	03226	81818	87624		204	97080	012	+		pr _o	
Carlisle	222	70609	59052	20105	48531	03112	82822	84640	85360		222	50000	58011	24403	35631	51227	81630	83640		222	00061	014	+		+	
Watnall	354	60813	48035	16605	65611	03213	86635				354	70814	58258	20903	75511	02225	87627			354	01061	027	pr _o		pr _o	
Spurn Head	396	70912	57237	17307	75511	06213	85715	87625			396	60718	59038	21206	63500	02222	86920			396	93071	009	ir _o s _o		pr _o	
Finningley	360	70408	39501	17705	75511	04209	81712	84620	87635		360	10706	60016	21902	15600	51224	81640			360	92061	001	id _o ir _o		+	
Dishforth	261	70710	66258	18605	78512	03211	83820	87630			261	40205	74031	23003	15600	51225	84641			261	92061	003	pr _o		+	
Tynemouth	262	5142542																								

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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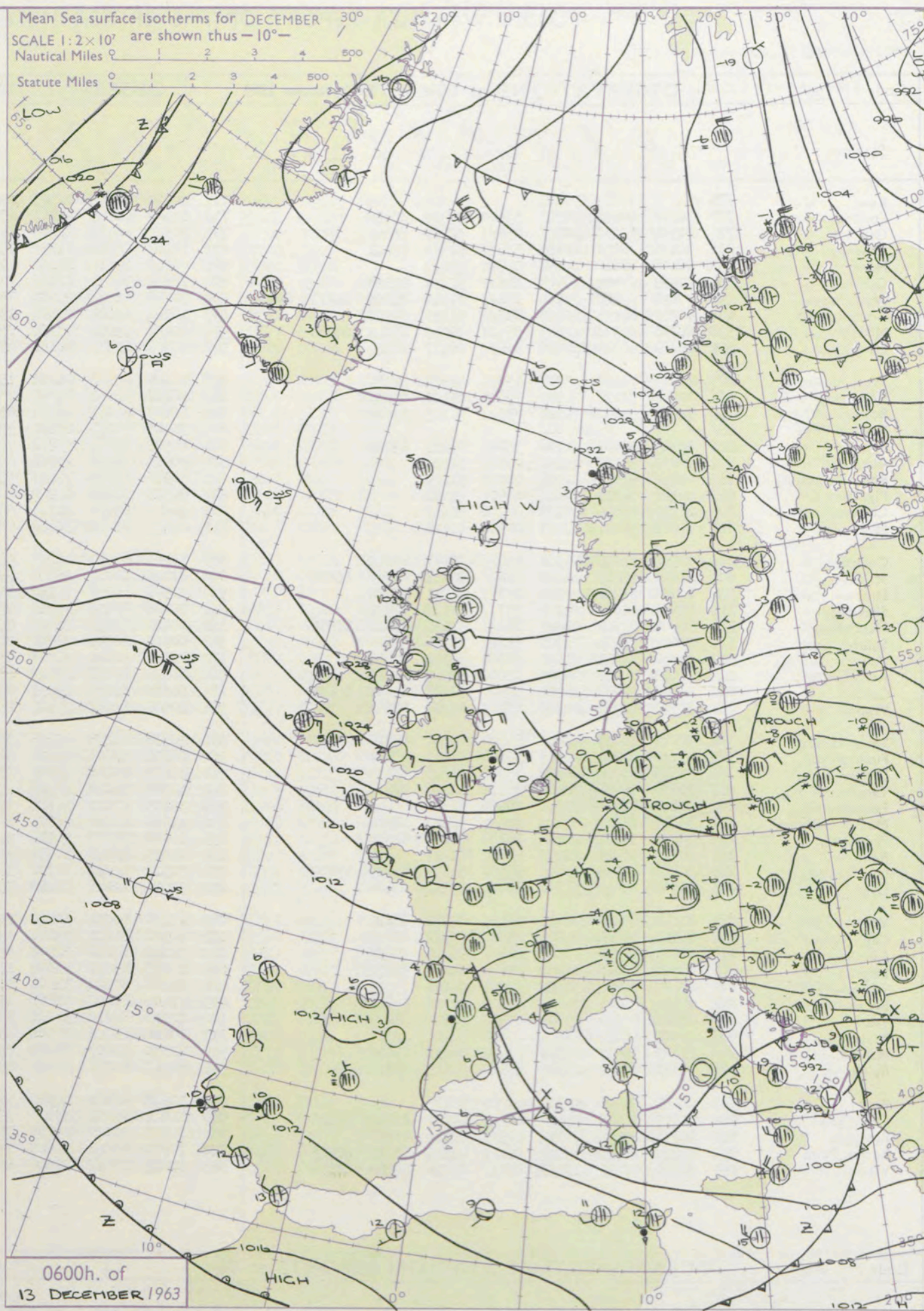
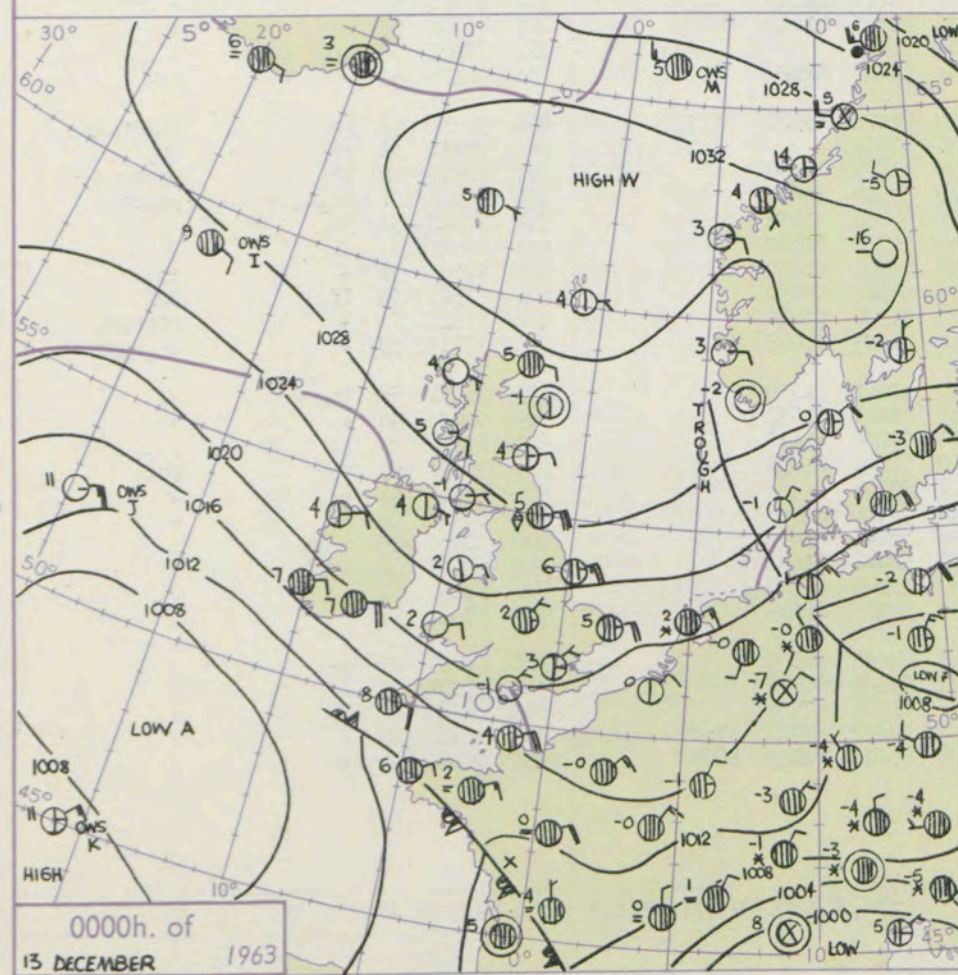
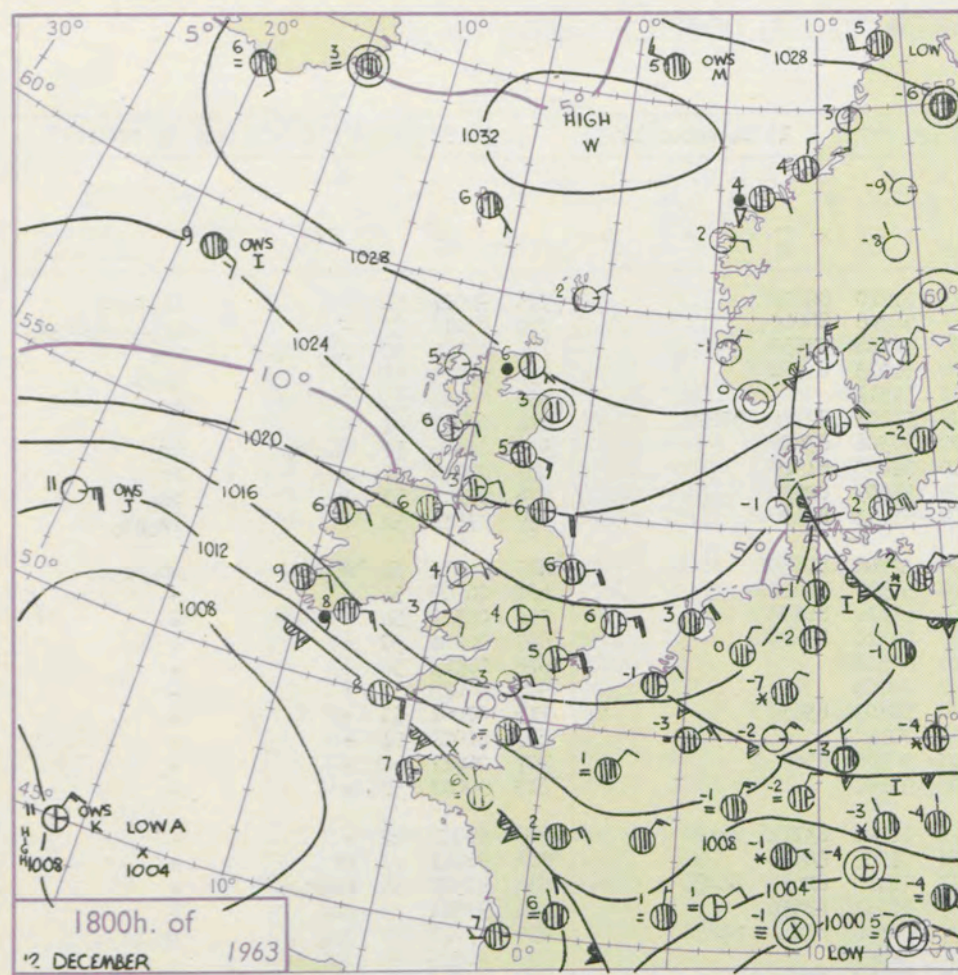
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additional
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Mean Sea surface isotherms for DECEMBER
SCALE 1:2x10⁷ are shown thus -10°-

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

Issued at midday Friday 13 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

GENERAL SYNOPSIS DEVELOPMENT

The low which was off southwest England yesterday has now filled but pressure remains low near the Azores and in the Mediterranean where a depression near Italy is moving towards the east. The anticyclone north of Scotland has developed since yesterday and is expected to remain slow moving near the Shetlands for a time with little change in central pressure. Easterly winds will be maintained across the whole of the British Isles.

Easterly winds will persist over the whole of the British Isles and will bring showers to most areas. The showers will fall as rain near the coasts of Scotland and northeast England but elsewhere they will be of snow and moderate falls may occur in parts of east Anglia and southeast England. It will be cold in most areas with frosts night and morning.

OUTLOOK for the following 48 hours.
Little change.

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

Code FM 11.A		OBSERVATIONS at 00h.										13 December 1963										OBSERVATIONS at 06h.										13 December 1963										OBSERVATIONS during NIGHT										CONVI TA
Station		ill	Nddff	VVwww	PPPTT	N _h Ch _s C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwww	PPPTT	N _h Ch _s C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwww	PPPTT	N _h Ch _s C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT _n E	T _g T _g	WEATHER		°C t																		
																																	21h.—03h.	03h.—09h.																		
Kew		775			03						775	60507	70022	22303	655//	52210	86628				775	91021	52	+									ir _o s _o is _o	40																		
London Airport		772	30207	60011	20903	35600	50210	83640			772	60307	62268	22302	656//	51206	86640				772	97011	51	+									pr _o s _o is _o ir _o s _o	39																		
Gatwick		776	80504	62031	20003	856//	52107	88645			776	30501	66037	22000	35700	52308	83650				776	92505	57		id _o r _o s _o							ps _o	38																			
Thorney Island		871	50106	74031	20451	556//	51215	85641			871	10407	74022	21900	15700	51213	81650				871	97513	56	+								ir _o s _o	37																			
Hurn		862	00106	62020	20051	00900	52217				862	00610	59011	21401	00900	51311				862	00523	55	+									+	36																			
Guernsey		894	50825	63022	15704	45532	51216	84623			894	70819	74031	17903	7557/	51103	82710	87620			894	00031	01	+								ps _o	35																			
Wattisham		590	70416	62848	21702	756//	01312	84709	84711	86630	590	30408	66268	23401	35600	00306	83630				590	01006	52		pr _o pr _s							ps _o	34																			
Gorleston		497	70722	62038	22005	735//	51219	87920			497	10724	62848	23404	13500	01203	81920				497	02022	01		ps _o							ps	33																			
Mildenhall		578	80708	69031	22603	854//	00315	85618	88640		578	20106	59031	23751	25600	51305	82630				578	97515	55	+								ps _o	32																			
Cardington		559	80209	66021	22002	856//	00107	88644			559	40308	62031	24151	45700	51113	84650				559	97511	54	+								is _o ps _o	31																			
West Raynham		485	10613	74268	23002	15700	01312	81650			485	10407	69268	24150	15700	52206	81650				485	94518	54		pr _o ps _o							pr _o ps _o	30																			
Wittering		462	30208	74011	22903	35600	01107	83637			462	20407	66031	24601	25500	51310	82627				462	00503	54	+								+	29																			
Boscombe Down		746	70508	59031	21001	756//	51215	87640			746	60607	61031	22701	655//	51314	86623				746	00511	54	+								+	28																			
Ross-on-Wye		627									627	50905	60021	23801	55500	52310	85625				627	00001	57	+								+	27																			
Bristol		628	30309	58051	21700	35700	51219	83650			628	00308	56051	23201	00900	52314				628	00513	54	+									+	26																			
Aberporth		502	00810	59020	22102	00900	51221				502	00913	59020	23902	00900	00209				502	00013	53	+									+	25																			
Rhoose (Cardiff)		715	00816	62011	21001	00900	51219				715	50715	62011	22403	55700	50309	85650				715	00001	51	+								+	24																			
Plymouth		827	00722	74012	17004	00900	01212				827	00513	74020	19902	00900	00110				827	00021	51	+									+	23																			
Chivenor		707	01019	66020	19403	00900	51315				707	30810	63030	21703	35500	50208	83625				707	00011	54	+								+	22																			
St. Mawgan		817	01011	58021	17703	00900	00326				817	00515	62020	20302	00900	53107				817	00001	51	+									+	21																			
Culdrose		809	80920	62026	16206	854//	04317	88614			809	60916	69032	18205	655//	01209	83712	86620			809	00020	02	+								+	20																			
Scilly		804	81020	58028	14608	885//	06211	84708	86820		804	81022	66022	16807	855//	01207	88620				804	97041	//		pr							+	19																			
Elmdon		534	70206	66031	22902	757//	51211	87650			534	30508	65038	24350	15701	51310	81650	83075			534	97511	56		ph _o r _o							+	18																			
Shawbury		414	70304	61021	24100	757//	51117	87656			414	70104	69038	25701	757//	51211	87656				414	97511	53		pr _o							+	17																			
Manchester		334	70508	40212	24303	754//	51112	83615	87656		334	80410	62236	26002	856//	00306	83640	88650			334	97013	52		ir _o							ir _o ir _o s _o	16																			
Squires Gate		318	70604	69031	25301	757//	51216	87650			318	00305	80011	26950	00900	52308				318	00523	56	+								+	15																				
Valley		302	20610	58041	24502	25700	51224	82650			302	20711	58041	26203	25600	50210	82645				302	00011	51	+							+	14																				
Ronaldsway		204	11028	74011	25705	15600	52220	81640			204	60826	80031	27205	685//	51307	81822	86643			204	00040	02	+							+	13																				
Carlisle		222	50406	59038	28201	58500	51217	82823	85635		222	00605	62021	29251	00900	53303				222	97523	55		pr _o							+	12																				
Watnall		354	80707	62021	24103	856//	01211	88641			354	20506	62268	25501	25600	51208	82640				354	91515	55	+								ps _o	11																			
Spurn Head		396	50725	59038	24006	53500	02212	85920			396	30718	66278	25406	33500	01102	83920				396	94031	//		pr _o							ph _o pr _o s _o	10																			
Finningley		360	33610	61216	24003	35600	01113	83640			360	00108	62011	26202	00900	00201				360	93011	53		ir _o								ir _o	9																			
Dishforth		261	30510	80028	26402	35700	51215	83650			261	30407	80018	27701	35700	51305	83650				261	97011	53		pr _o							pr _o pr _o s _o	8																			
Tynemouth		262	70830	74898	28005	756//	52220	87630			262	40722	74028	28905	45502	53002	84620				262	91041	01		ph _o r _o							pr _o ph _o	7																			
Eskdalemuir		162	00603	67278	29351	00900	52217				162	30405	67011	30100	35600	52400	83638				162	97543	58		ps _o							+	6																			
Mull of Galloway		131	31410	81011	27005	35600	02223	83630			131	11120	81020	28603	10940	01205	81360				131	00021	//		/						/	5																				
Prestwick		135	10807	74021	28351	15600	52220	81630			135	10000	74020	30253	15600	54205	81640				135	97543	59	+								is _o	4																			
Renfrew		141	00707	56041	29203	00900	01217				141	52603	26041	30551	55700	51302	85650				141	97523	54		if							id _o	3																			
Leuchars		171	30810	82018	29804	38500	51215	81820	83632		171	30312	82011	30702	35600	51302	83640				171	01511	53	+								pr _o pr _o pr _o	2																			
Dyce		091	20000	59041	31351	15601	52216	81640			091	70000	62021	32450	755//	51203	81625	87634			091	97533	59	+								pr _o s _o ph	1																			
Wick		075	81110	69216	31005	855//	00212	88620			075	10000	80021	32200	15600	51305	81630				075	96531	57		ir _o							+	0																			
Cape Wrath		049	20903	86020	30905	25600	03212	82630			049	10902	86021	32804	15600	00212	81630				049	00023	54	+								+	-1																			
Sule Skerry		010	20805	82020	31007	25600	05209	82630			010	31202	84030	32906	35600	03400	83630				010	00050	02	/							/	-2																				
Lerwick		005	20606	83010	32804	25600	00213	82630			005	10108	83011	33304	15600	52102	81630				005	97021	54	+								pr _o	-3																			
Stornoway		026	01007	80021	30204	00900	01211				026	01208	80020	32404	00900	50308				026	00013	53	+								+	-4																				
Benbecula		022	41106	80011	29604	45600	02218	84647			022	11103	80010	31601	15600	51109	81640				022	00503	56	+							+	-5																				
Tiree		100	11011	80011	29005	15500	51220	81625			100	10910	82010	31301	15600	53210	81635				100	00000	55	+							+	-6																				

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37277

Date of Issue Saturday 14 December 1963

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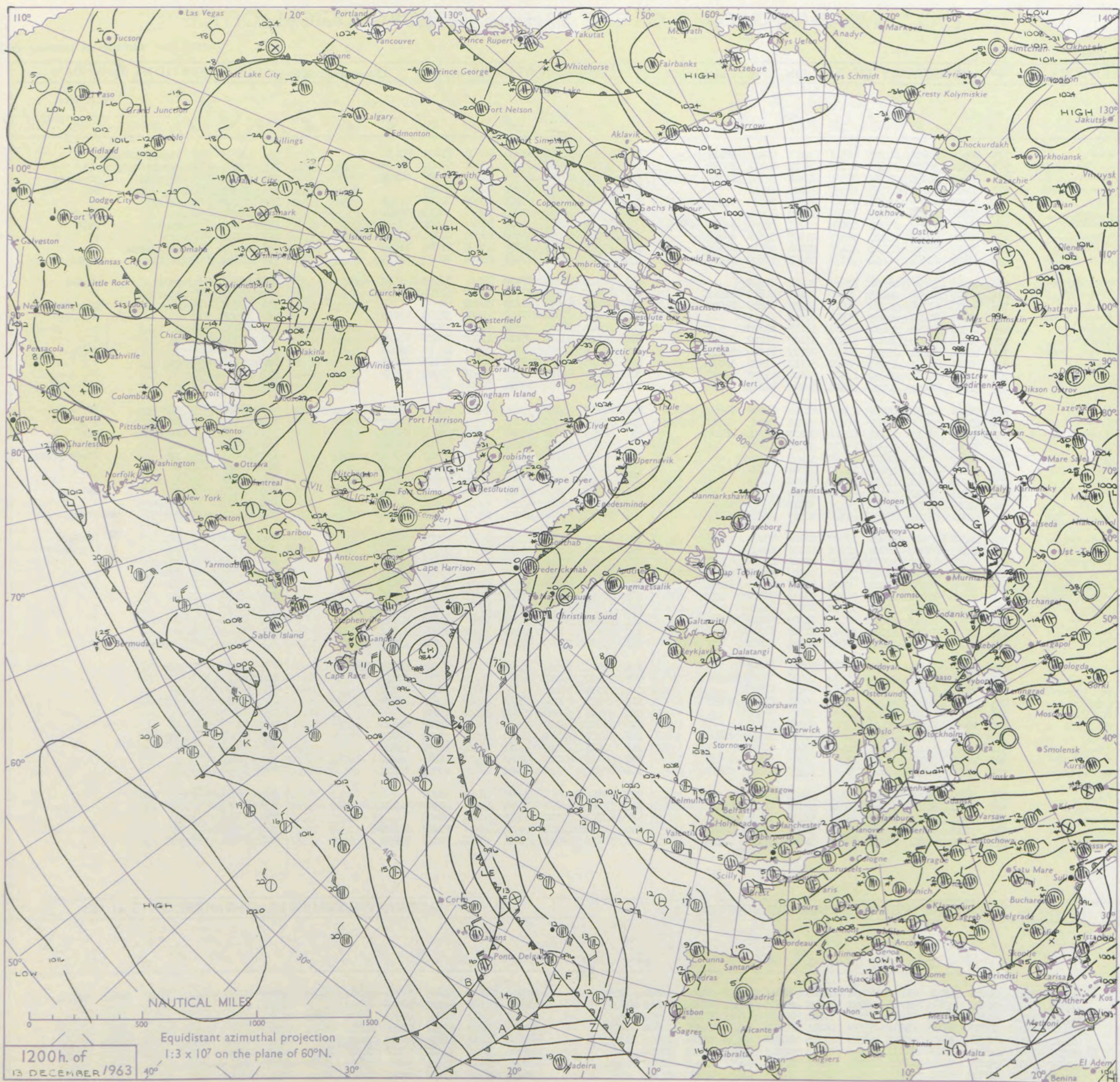
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Code FM 11.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
Station		ill	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT	T	E	WEATHER			
																								09h.—15h.	15h.—21h.		
Kew	775	80614	60838	24303	88511	00107	85820	88628			775	40311	60018	25902	44600	51208	84635				775	01033	004	1s01r0s0pr0ps0+			
London Airport	772	70310	48687	24503	75711	01004	84714	87650			772	40106	50037	25901	45600	51204	84630				772	01031	004	r0s0prsr0s01s0+			
Gatwick	776	70408	56838	24302	72511	01106	82707	85709	87822		776	20406	58268	25301	21500	50208	82820				776	01031	007	pr0pr0s0	pr0s0ps0		
Thorney Island	871	10211	48227	23903	18500	01003	81820				871	00106	48051	25201	00900	50305				871	97043	032	1s0	ps0			
Hurn	862	70309	62268	23902	78511	01008	81715	84825	87635		862	10209	58048	25101	15600	52209	81645				862	97043	111	pr0s0	+		
Guernsey	894	30814	70011	21304	32402	54010	83816				894	60818	74031	22704	62511	53113	86822				894	00051	051	+	+		
Wattisham	590	50509	61268	25301	58200	01205	82705	83810	85620		590	70209	60268	25900	78511	00601	83820	87635				590	01025	111	ps0if	psif	
Gorleston	497	60718	62268	25403	68411	01109	84818	86628			497	60616	62258	25804	68500	01301	81820	85625				497	02042	010	pr0	pr	
Mildenhall	578	70407	58838	25903	73411	00108	85918	85640			578	13605	63018	26751	15600	51204	81640				578	92033	015	pr0s0pr0h0	+		
Cardington	559	60409	60168	26602	58531	01007	83820	84650			559	43607	56018	27001	45600	00203	84644				559	91031	017	pr0ps0	pr0s0		
West Raynham	485	70611	32858	26501	73411	00205	87915				485	70315	74028	27002	78511	53205	81820	87645				485	02031	016	ps0ps	ps0ph0	
Wittering	462	30109	64818	26803	39400	50107	81812	81915			462	63609	61038	27701	65600	51204	86631				462	97041	020	ps0pr0s0	+		
Boscombe Down	746	70713	61268	25202	78411	51208	84813	85650			746	00406	61018	26200	00900	51207				746	97031	014	ps0	ps0			
Ross-on-Wye	627	20507	60021	26203	28500	00106	81825				627	10305	57020	27401	18500	52208	81825				627	00031	055	+	+		
Bristol	628	20309	59011	25602	28501	51109	81820				628	03603	58050	26950	00900	52009				628	00033	041	+	+			
Aberporth	502	30711	66020	26603	12502	00109	81820	83072			502	10706	59021	28101	12500	51208	81825				502	00041	038	+	+		
Rhoose (Cardiff)	715	40914	62011	25503	38501	00109	81820	83635			715	20712	62021	26801	22500	51110	82825				715	00043	044	+	+		
Plymouth	827	60416	74261	23203	38502	50111	81825	86075			827	10510	56028	25202	18500	00113	81825				827	97041	034	ps0	+		
Chivenor	707	60610	74031	24904	12506	50107	81825	86075			707	30909	62011	26103	35600	51004	83630				707	00051	036	+	+		
St. Mawgan	817	30814	80021	22804	28501	52209	81825				817	00611	62011	25301	00900	51213				817	00041	054	+	+			
Culdrose	809	70916	69278	21704	73411	01215	82709	84915	85625		809	20613	66018	23502	24660	00210	81712				809	01045	004	phpr0	pr		
Scilly	804	60924	59258	19805	68411	04211	82707	84812	83630		804	70925	74028	22605	72511	02215	87823				804	93071	013	pr0	pr0h0		
Elmdon	534	70507	59058	26802	78511	50109	81712	86640			534	10308	40048	28250	15700	53106	81650				534	97031	037	ps0pr0s0	ps0		
Shawbury	414	10304	36041	27903	15630	50106	81635				414	10205	28041	29000	15600	51106	81640				414	97041	053	+	ps0		
Manchester	334	10508	40267	28403	11500	51107	81825				334	50207	28201	29402	58500	51307	83820	83640				334	97041	044	pd0	ld0pr0pr0s0	
Squires Gate	318	10607	48040	29104	18500	01008	81822				318	10407	28040	30305	15600	52206	81640				318	00053	061	+	+		
Valley	302	20710	58041	28704	12502	01108	81820				302	10000	58040	29800	11500	52105	81825				302	00051	057	+	+		
Ronaldsway	204	50819	80012	29805	52530	01109	85825				204	20311	69011	30602	28500	51400	82825				204	00070	039	jp	jp		
Carlisle	222	60807	61808	31802	58531	50111	82822	84640			222	10606	58021	32451	15600	53202	81636				222	97033	015	ps0pr0	+		
Watnall	354	60711	58268	28003	63500	50207	82825	86640			354	80903	28808	28801	85411	01110	88614				354	93045	038	ps0	pr0ps0		
Spurn Head	396	50718	63018	27305	53500	00009	83920	83825			396	80810	59028	28004	85511	02203	88620				396	02061	000	pr0	pr0s0		
Finningley	360	10207	64010	28804	15630	50110	81635				360	60109	58258	29601	65511	01205	86629				360	93051	026	pr0	pr0pr0sprs		
Dishforth	261	53608	64158	30003	49430	00110	81918	83635			261	13508	74018	30501	15600	51204	81640				261	97041	028	pr0	+		
Tynemouth	262	70822	66278	31003	32671	01307	83830	87359			262	70620	74022	31805	75611	53204	87635				262	01051	003	prph	+		
Eskdalemuir	162	40601	70037	32201	48400	51107	81816	83632			162	10501	67027	33351	15600	54304	81632				162	97023	047	1s0	+		
Mull of Galloway	131	30920	81020	29704	38500	00212	82820				131	10915	81020	32103	15700	01206	81656				131	00061	111	/	/		
Prestwick	135	10709	56047	32502	18500	00108	81820				135	11302	37040	32852	15500	53205	81625				135	00033	056	+	+		
Renfrew	141	60000	25047	33403	68500	01109	81820	85640			141	60000	20041	34101	65611	51208	86645				141	93043	013	1r0s			

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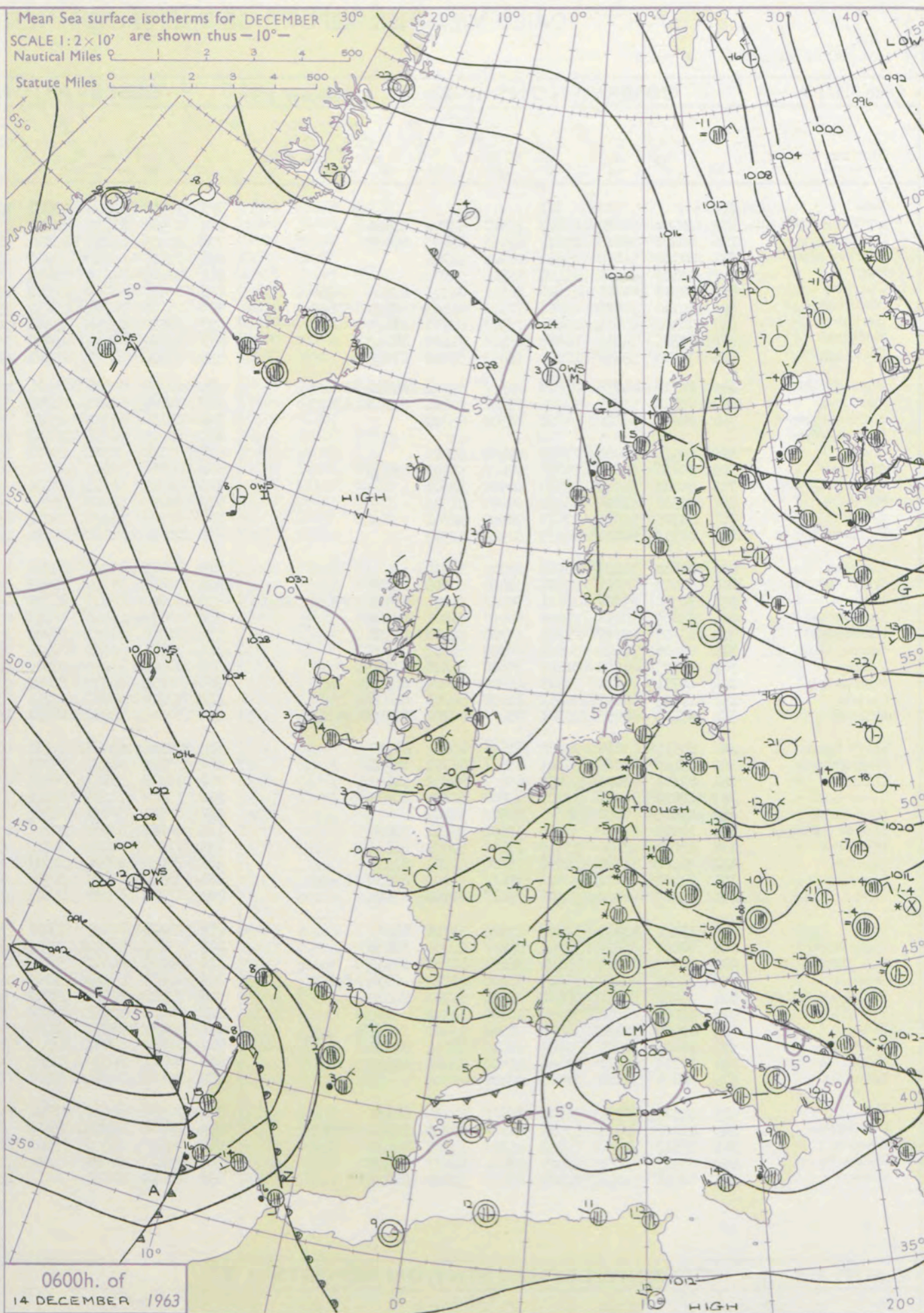
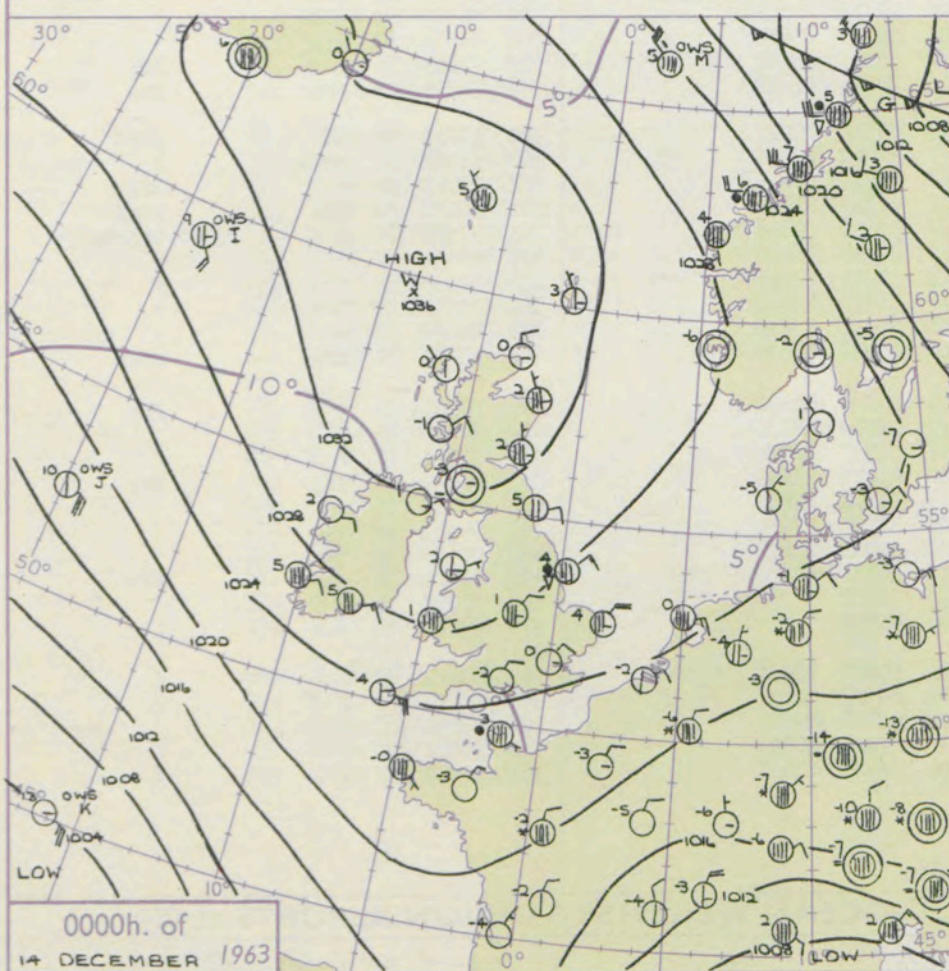
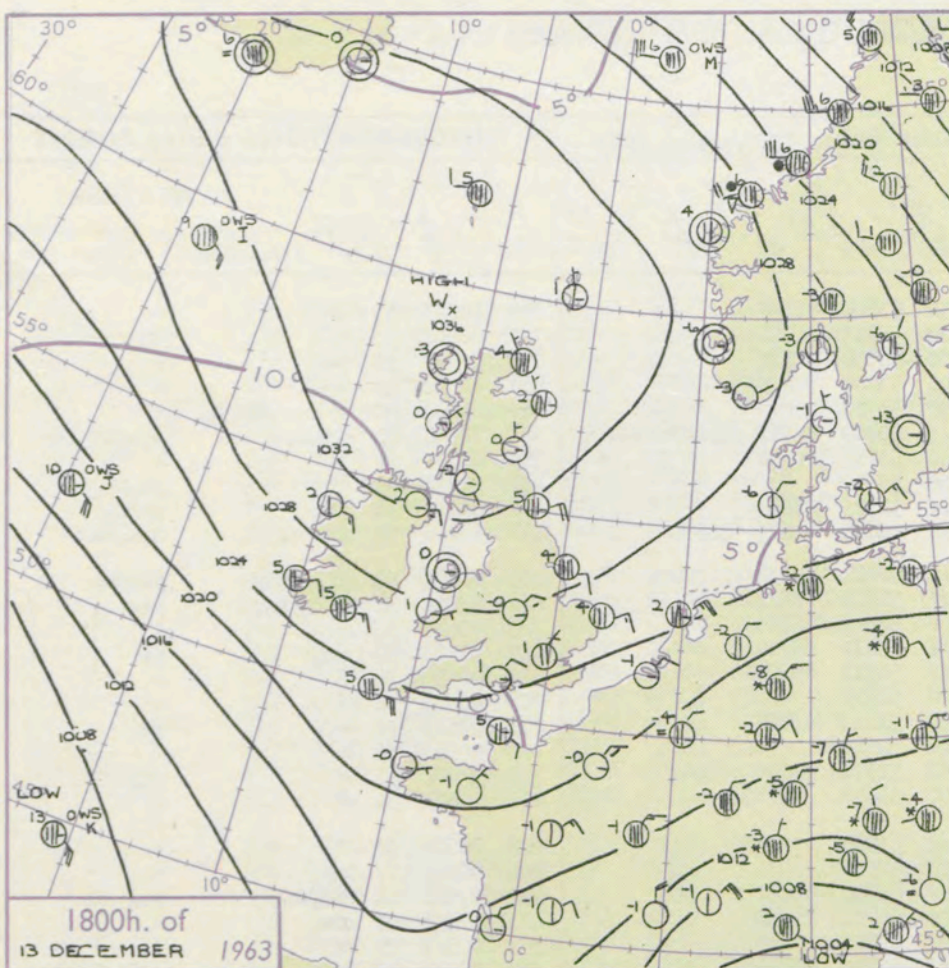
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Mean Sea surface isotherms for DECEMBER
SCALE 1:2 x 10° are shown thus -10°-

Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

GENERAL SYNOPTIC DEVELOPMENT

The anticyclone which was north of Scotland yesterday has moved southwest and decreased a little but will remain slow moving near the Hebrides with north on northeasterly winds persisting over the British Isles. Pressure will continue low over Spain and the Mediterranean.

Issued at midday Saturday 14 December 1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most parts of the British Isles will have variable cloud and some showers but areas near the west coast will remain dry with sunny periods. It will be cold in all areas with slight to moderate frost night and morning.

OUTLOOK for following 24 hours
Little change.

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

Code FM 11.A		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT				
Station		iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRRT _n T _n E	T _g T _g	WEATHER			
																								21h.—03h.	03h.—09h.	
Kew	775				01						775	10208	66020	23900	10930	53608	81358				775	00003	55	+	+	
London Airport	772	10208	56020	25700	15600	53802	81640				772	13508	62010	24150	15600	52711	81640				772	00503	53	+	+	
Gatwick	776	60208	59018	25101	65611	53803	86638				776	20105	61011	23800	25600	54708	82643				776	97533	59	ps ₀	+	
Thorney Island	871	00108	61058	25250	00900	52705					871	33508	66020	23951	35600	53708	83630				871	00523	57	+	+	
Hurn	862	00109	62020	25452	00900	53803					862	00209	69020	23852	00900	53710				862	00543	58	+	+		
Guernsey	894	80510	80268	23604	88511	01303	83826	88640			894	80907	68707	22102	85411	00709	83712	86618	88629	894	96021	01	pr ₀ so	so ₀ so ₀ ph ₀ is ₀		
Wattisham	590	70110	70038	25501	78511	51603	82820	87649			590	23610	74021	23651	25600	53714	82630				590	00515	55	+	+	
Gorleston	497	70320	60022	25604	75511	00702	87621				497	00618	62258	23804	00900	50710				497	91031	01	+	ph ₀ pr ₀ so		
Mildenhall	578	63505	74018	26600	65600	51400	86642				578	73507	69031	24500	75611	51712	87643				578	91515	54	ps ₀	pr ₀ so	
Cardington	559	73510	59707	27001	75611	50000	87648				559	83608	47137	25201	88311	01709	83809	88632		559	91001	52	ps ₀ is ₀	so ₀ so ₀ ss		
West Raynham	485	70310	61878	26502	78511	52701	84820	87628			485	60308	80038	24601	65611	00711	86635				485	02001	52	pr ₀ so ₀ ps ₀	ps ₀ ph ₀	
Wittering	462	73510	62277	27601	75511	00101	82703	87623			462	73408	59268	25701	75511	51714	87627				462	93011	52	ro ₀ so ₀ ph ₀ ps	ps ₀	
Boscombe Down	746	00205	66020	26552	00900	55702					746	20110	61030	25551	26300	52606	82706				746	00531	55	+	+	
Ross-on-Wye											627	80203	48058	26401	86411	52610	88710				627	97513	57	ps ₀	ps	
Bristol	628	00114	56020	27350	00900	52801					628	50110	56051	25801	55711	50712	85650				628	00513	54	+	+	
Aberporth	502	80706	59031	29003	85611	51202	88635				502	00802	58011	27701	00900	52707				502	00513	56	+	+		
Rhoose (Cardiff)	715	00711	56020	27500	00900	52601					715	30711	56011	25901	35800	51610	83656				715	97513	52	+	ps ₀	
Plymouth	827	00516	62020	26301	00900	51303					827	03209	58020	25200	00900	52610				827	00513	56	+	+		
Chivenor	707	00709	62010	27601	00900	52304					707	60606	56031	26002	65500	51710	81620	86644		707	97001	55	+	pr ₀		
St. Mawgan	817	00711	66020	26551	00900	52303					817	00510	62020	25751	00900	54603				817	00523	54	+	+		
Culdrose	809	00610	78020	25500	00900	51210					809	00613	68020	24700	00900	53708				809	00510	53	+	+		
Scilly	804	30923	74021	23404	32400	00209	83818				804	00823	79020	22803	00900	52608				804	00021	11	+	+		
Elmdon	534	70310	23268	28401	78411	01001	82812	83630	87656		534	80207	58028	26900	85711	52710	88650				534	97521	54	ps ₀ ph ₀	ps ₀	
Shawbury	414	83605	23858	29401	85611	51801	88643				414	23606	48048	27753	25700	54711	82650				414	97533	59	ps ₀	+	
Manchester	334	10308	59018	29701	15700	54000	81650				334	10208	66021	27701	15700	55712	81650				334	00513	55	+	+	
Squires Gate	318	00408	70020	30651	00900	54002					318	70205	66031	28600	75611	52713	87638				318	00513	57	+	+	
Valley	302	30703	61041	31202	35600	51208	83635				302	00302	61040	28900	00900	52713				302	00513	54	+	+		
Ronaldsway	204	40714	74021	31503	45700	53400	84650				204	50112	80030	29902	55700	51809	85650				204	00510	53	+	+	
Carlisle	222	13603	74021	32452	15600	54705	81640				222	82706	62701	30451	85511	53713	84625	88635		222	97543	56	+	is ₀		
Watnall	354	83603	48858	28701	85411	00702	83708	88619			354	70204	58858	26801	75411	00710	87619				354	92505	53	ps ₀	ps ₀	
Spurn Head	396	60515	63818	28004	63511	03602	86920				396	60516	59268	25904	63511	03713	86920				396	01021	11	pr	pr ₀ so	
Finningley	360	63409	58048	29401	65611	51701	86644				360	73509	64031	27301	75611	51710	87641				360	91501	54	pr ₀ so	+	
Dishforth	261	83308	82031	30402	85611	53802	88645				261	73309	59021	28001	75611	51714	87645				261	97001	52	+	ir ₀	
Tynemouth	262	40611	74021	31105	45600	51805	84635				262	73209	74258	28804	75611	01716	87630				262	96032	00	pr ₀	pr ₀ pr	
Eskdalemuir	162	00000	70020	338563																						

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

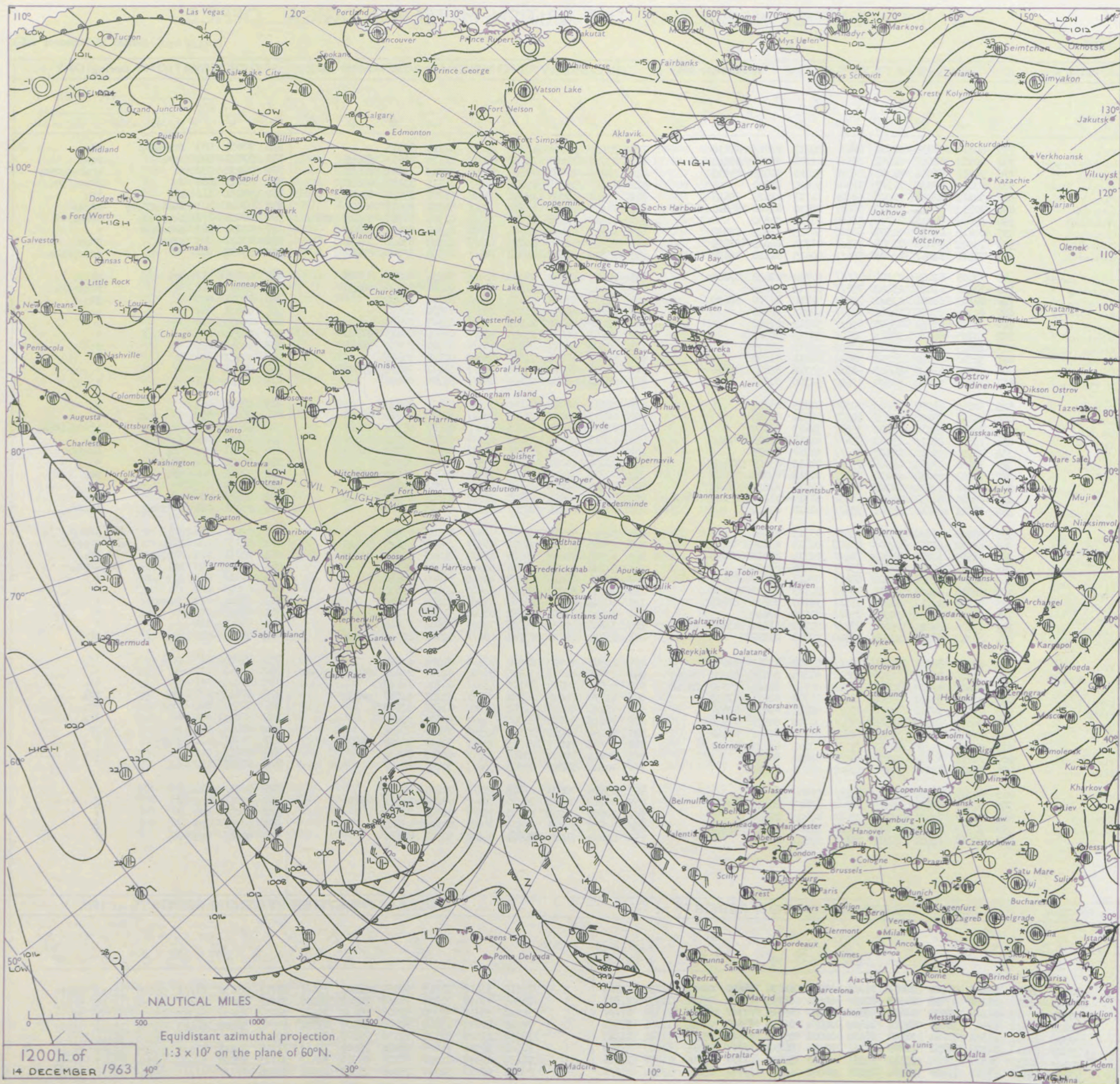
No. 37278

Date of Issue Sunday 15 December 1963

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Code FM II.A		OBSERVATIONS at 12h. 14 December 1963										OBSERVATIONS at 18h. 14 December 1963										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T x F	WEATHER			
																								09h.—15h.	15h.—21h.	
Kew	775	80110	58831	21802	884//	00817	83815	88630			775	70110	48808	18903	754//	02711	87615				775	92031	003	proso	pro	
London Airport	772	80110	48687	22502	856//	01711	85711	88640			772	83511	37687	19203	854//	01714	86613	88645			772	97031	002	roso	roso	
Gatwick	776	50207	56031	21303	58500	51815	81823	85650			776	80206	21688	18601	854//	01713	83611	88630			776	01031	032	+	proso	
Thorney Island	871	23412	69030	21903	18502	50816	81820				871	83310	56831	19102	884//	01712	83818	88620			871	95041	062	+	proso	
Hurn	862	50113	62031	22003	58500	51717	81825	85645			862	73510	40048	19901	3563/	51707	83630	87358			862	97031	///	pro	iro	
Guernsey	894	70813	74878	20702	784//	01810	82708	85816	86630		894	70314	74028	18104	784//	54711	84817	86628			894	01041	001	isphoproso	proso	
Wattisham	590	53609	62018	21702	58600	01815	84830				590	70408	59268	19501	784//	01504	81707	83815	87630		590	96033	///	psoproso	proso	
Gorleston	497	60615	62038	21905	68500	50713	83822	85630			497	40917	62018	20704	48500	02307	82822	83630			497	02051	013	prprspr	+	
Mildenhall	578	73002	56028	22302	755//	01714	82625	87635			578	80305	58268	20103	885//	02503	83820	88631			578	01031	005	proso	proso	
Cardington	559	73510	62017	23103	784//	00815	81818	86628	87645		559	73512	56682	20303	785//	01609	83828	87644			559	95052	001	+	iroso	
West Raynham	485	73609	82028	21904	785//	50719	82822	87630			485	60612	74268	20303	634//	02502	84915	83625			485	02041	017	pro	proso	
Wittering	462	73410	61021	23402	756//	00715	87630				462	73411	40048	21103	785//	01707	82820	86635			462	95041	002	+	propriro	
Boscombe Down	746	70109	61021	23301	756//	51716	82710	87630			746	43511	28051	20601	35740	50714	83650				746	97021	007	+	ido	
Ross-on-Wye	627	80108	57028	24501	855//	52816	88625				627	83604	48052	21902	855//	01606	88625				627	00031	007	+	+	
Bristol	628	73607	58051	23902	756//	52712	87640				628	73609	56052	21502	756//	00707	87630				628	00033	010	+	+	
Aberporth	502	10705	66020	26003	18500	53814	81825				502	70511	66031	23605	784//	02609	84815	87640			502	00051	034	+	+	
Rhoose (Cardiff)	715	10613	66018	24204	18500	50812	81825				715	60108	66011	22002	656//	50707	83635	86649			715	00041	025	+	+	
Plymouth	827	30210	64030	23403	38500	00811	81820				827	53307	56051	21503	55600	00709	85640				827	00041	038	+	+	
Chivenor	707	60508	61038	24603	685//	52712	82820	85640			707	70108	74022	22204	785//	51611	85822	87645			707	00061	020	+	+	
St. Mawgan	817	10414	62010	24302	12500	51708	81825				817	80410	64031	22203	856//	51705	88644				817	00031	071	+	+	
Culdrose	809	30612	64010	23703	32500	54805	83820				809	30510	66020	22102	38500	53502	82820				809	00030	067	+	+	
Scilly	804	20223	79020	23305	22500	51301	82826				804	60823	79031	20904	684//	55604	82818	86622			804	00051	060	+	+	
Elmdon	534	73510	37018	24602	756//	52813	87630				534	83608	21048	22303	854//	02807	85712	88616			534	91031	000	pro	proidoiroso	
Shawbury	414	73411	48021	25802	756//	51714	82635	87645			414	63411	28048	23702	655//	01604	85625	86630			414	97031	000	roso	pro	
Manchester	334	73204	09701	25302	756//	51717	87635				334	83609	17207	23404	855//	02504	83715	88620			334	93041	002	iso	idoiro	
Squires Gate	318	73608	17044	26504	755//	01815	83625	87635			318	70109	22042	24805	755//	02502	87624				318	00051	008	ffif	+	
Valley	302	70107	82031	27103	785//	01712	83820	87640			302	70210	74028	25305	785//	03301	85820	87640			302	97061	000	pro	pro	
Ronaldsway	204	60216	74032	28105	685//	01810	81822	86643			204	40215	69011	26504	45500	01803	84624				204	00050	012	+	+	
Carlisle	222	70000	56037	28902	6853/	51710	81718	83624	85638		222	73407	69026	27103	755//	01602	85620	86640			222	97041	007	iro	iro	
Watnall	354	73611	20018	23903	756//	01818	87630				354	80308	28216	22303	873//	03603	88707				354	93031	001	iroproso	iropro	
Spurn Head	396	70508	59028	23005	755//	05713	87620				396	50510	59818	21605	53500	05605	85920				396	02061	010	pro	prprs	
Finningley	360	63512	40042	24503	68500	02719	83820	84635			360	63510	56268	22704	685//	03605	82821	85626			360	92051	000	pro	proso	
Dishforth	261	73509	48806	25803	784//	02714	85818	87650			261	63510	74808	24004	684//	02603	83819	83640			261	93051	010	iropro	pro	
Tynemouth	262	70329	66258	26706	756//	03706	87635				262	50125	74258	24906	535//	03606	85925				262	04071	003	pr	prpro	
Eskdalemuir	162	60106	62258	28603	684//	00611	84817	85640			162	40206	69018	27203	45600	51400	84646				162	91031	015	proso	+	
Mull of Galloway	131	70518	81022	29505	785//	01705	81820	87630			131	20520	81011	27504	24600	01401	82630				131	00061	///	/	/	
Prestwick	135	71402	16047	30201	755//	51707	82625	87635			135	10605	40058	28502	15600	51605	81630									

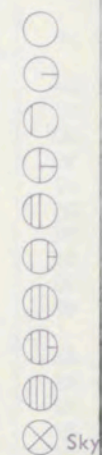
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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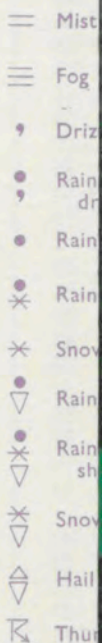
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Symbol



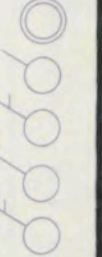
WEA

Symbol



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Symbol



For each
half-feet
5 knots

CHARTS OF WEATHER IN WEST EUROPE

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3

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5

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7 or more

8

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Wind
speed
(knots)

Calm

1-2

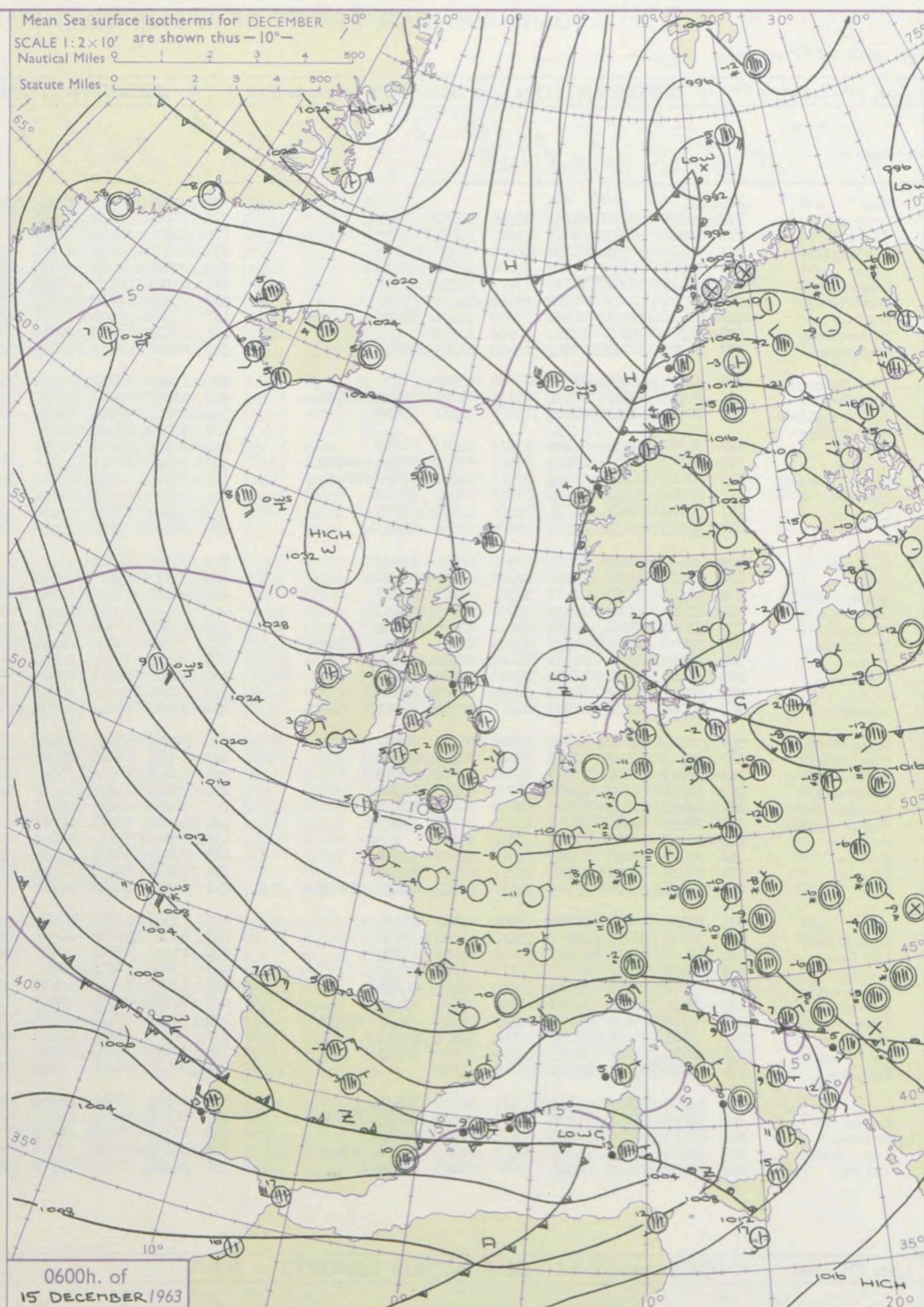
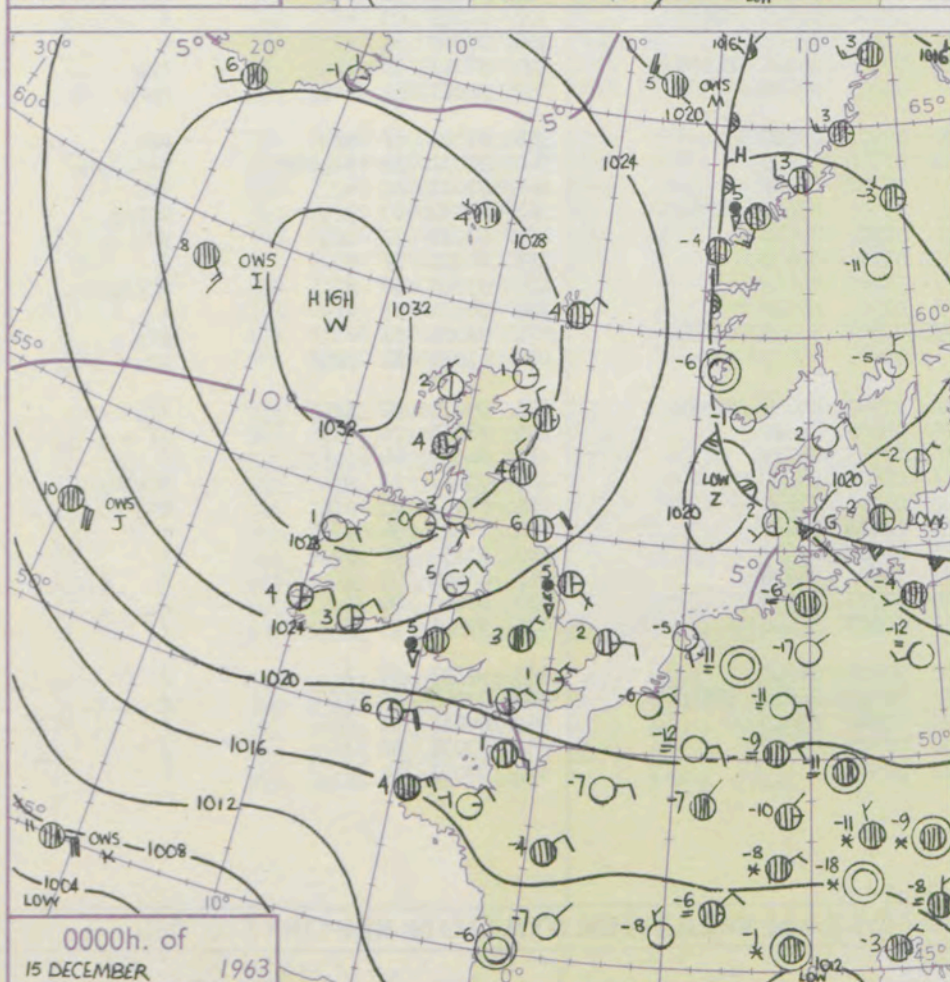
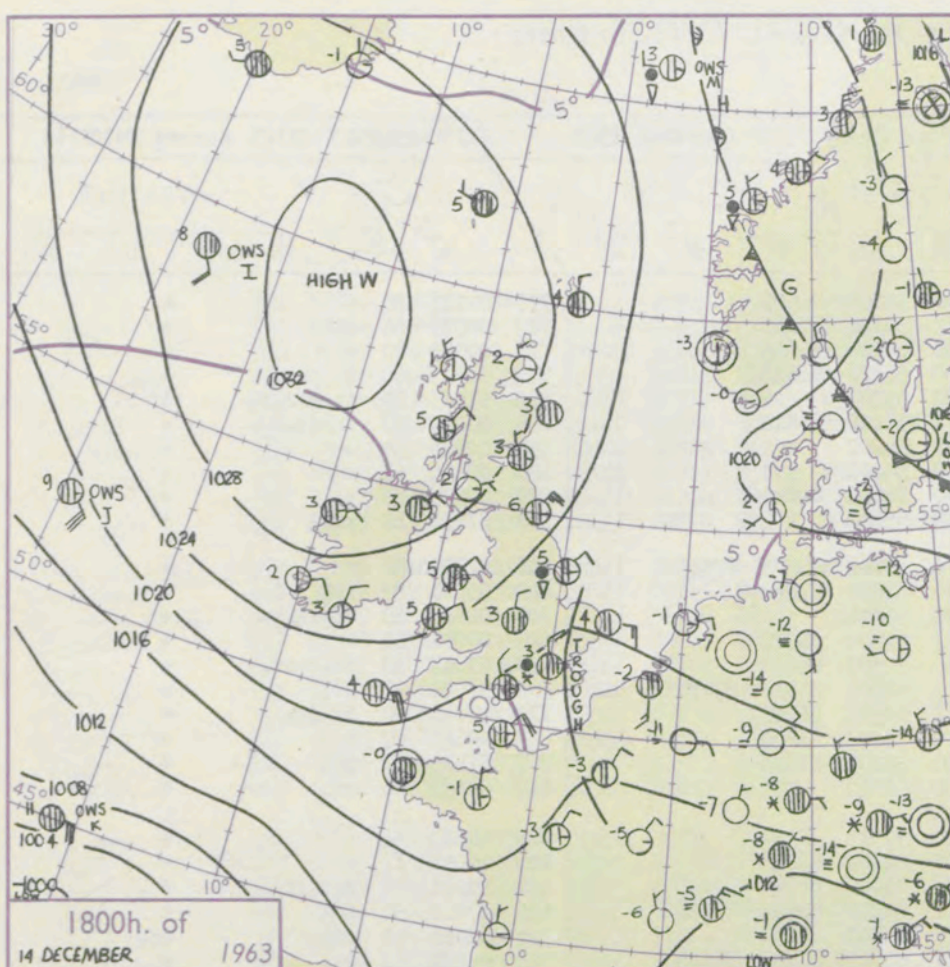
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additional
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 15 December 1963

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The anticyclone northwest of Scotland is almost stationary, while troughs of low pressure continue to move southwards over Scandinavia. Low pressure will be maintained over the Mediterranean. Winds from between north and east will continue over the British Isles.

Most districts will be cloudy and rather cold with showers of rain or sleet, most frequent in the north and east. In the south it will be dry, and cold, with sunny periods at first, probably becoming more cloudy later with some sleet or snow in the southeast. Slight or moderate frost at night chiefly in the south and west.

OUTLOOK for the following 24 hours.
Little change.

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

Code FM II.A		OBSERVATIONS at 00h. 15 December 1963										OBSERVATIONS at 06h. 15 December 1963										OBSERVATIONS during NIGHT						CONV TA °C
Station	ill	Nddff	VVwww	PPPTT	N _h Ch _s C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwww	PPPTT	N _h Ch _s C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRR	T _n T _n E	T _g T _g	WEATHER					
																							21h.—03h.	03h.—09h.				
Kew	775				01					775	60106	62011	21951	65500	54001	86627			775	00523	58	+		+		40		
London Airport	772	10305	59037	21101	15500	53107	81625			772	70106	50031	22352	75611	54302	87630			772	00533	56	+		+		39		
Gatwick	776	10806	66017	21051	15600	53215	81640			776	40000	69020	22053	45600	55400	84645			776	00553	60	+		+		38		
Thorney Island	871	10605	66038	21150	00901	53315	81075			871	40201	62031	22753	45500	55306	84633			871	00543	60	+		+		37		
Hurn	862	20605	60016	20501	25600	50214	82630			862	00000	62020	21855	00900	55203			862	97573	60	ir ₀ irr ₀ ro			if	36			
Guernsey	894	81115	19708	18301	87211	51308	88705			894	60711	66031	19601	65511	51400	86620			894	96515	53	phris ₀			+	35		
Wattisham	590	16304	70021	21951	15600	53207	81630			590	03503	62010	22754	00900	54202			590	00543	60	+		+		34			
Gorleston	497	50910	62021	22302	52500	53106	85820			497	03206	64020	23551	00900	54204			497	00534	55	+		+		33			
Mildenhall	578	00302	66021	22352	00900	53210				578	40000	61030	22855	45600	56400	84645			578	00553	59	+		+		32		
Cardington	559	10705	62027	22351	15600	51209	81645			559	00000	62111	22854	00900	55802			559	97553	59	ro ₀ ro			+		31		
West Raynham	485	01205	69028	22452	00900	53206				485	73006	62031	22651	75411	53702	84617	87645		485	97523	58	+		+		30		
Wittering	462	80503	58037	22502	85411	01307	84612	88616		462	21205	82011	22800	25600	51800	82636			462	95511	53	ir ₀		+		29		
Boscombe Down	746	70610	48216	21301	75511	51211	87626			746	00404	58021	23052	00900	55204			746	92553	59	id ₀ ro ₀ ro		+			28		
Ross-on-Wye										627	80702	48022	22602	85511	01302	88620			627	00021	01	+		+		27		
Bristol	628	80309	48216	21203	85411	02003	88612			628	20603	59011	22751	25600	52303	82640			628	97513	55	id ₀ ro ₀ ir ₀		+		26		
Aberporth	502	80112	62801	23205	88411	02000	86815	88630		502	70704	66018	23005	78411	02001	83817	87656		502	97031	51	pr ₀		+		25		
Rhoose (Cardiff)	715	80615	66216	21404	88511	01101	82820			715	80705	74038	22702	85511	00304	88626			715	97011	00	ir ₀ pr ₀		+		24		
Plymouth	827	60310	58031	20504	65511	01001	86626			827	13407	62031	21701	15700	51207	81650			827	00503	57	+		+		23		
Chivenor	707	70608	62801	21505	75511	02601	87625			707	11104	61018	22202	15600	50107	81644			707	97513	57	pr ₀		+		22		
St. Mawgan	817	40313	62031	20903	45600	01706	84623			817	00808	61020	22200	00900	51312			817	00533	56	+		+			21		
Culdrose	809	10410	69010	20602	12500	00803	81820			809	00507	64010	21402	00900	52313			809	00513	54	+		+			20		
Scilly	804	20822	79018	19506	22500	02708	82826			804	20923	69020	19705	22500	01102	82825			804	00031	11	+		+		19		
Elmdon	534	80306	28217	22103	87311	03202	88707			534	80000	61026	22702	86311	01000	88708			534	91021	01	ro ₀ so ₀ ir ₀		+		18		
Shawbury	414	23510	28048	23102	25600	01806	82630			414	83504	28041	23602	85511	01301	86623	88650		414	97011	54	pr ₀		+		17		
Manchester	334	83604	48046	23104	85611	03000	88644			334	83405	48046	23403	85611	01802	88630			334	92021	01	ir ₀		id ₀		16		
Squires Gate	318	33607	50041	24403	38500	01701	81825	83646		318	70408	70021	24104	78511	02703	81822	87649		318	00031	52	+		+		15		
Valley	302	10210	74011	24905	15600	02802	81640			302	70307	74021	24605	78511	03400	84820	87635		302	00041	03	+		+		14		
Ronaldsway	204	20109	74030	26403	25600	00000	82643			204	60309	74031	25404	65611	01503	86643			204	00020	51	+		+		13		
Carlisle	222	30106	59216	26603	38500	01603	81822			222	80000	59026	26203	85511	02504	86624	88638		222	97011	50	ir ₀		ir ₀		12		
Watnall	354	80000	23038	22703	86411	02302	88711			354	70000	56216	22802	75411	02801	87619			354	95021	51	ir ₀		ro ₀ ro		11		
Spurn Head	396	51406	82838	22105	55500	05202	85620			396	50000	63028	22305	55500	05400	85620			396	01041	11	pr ₀		pr ₀		10		
Finningley	360	50107	56258	22903	55600	02702	85641			360	63008	48046	23003	65500	01604	86620			360	91031	52	pr ₀ id ₀		do ₀ ro ₀ ro		9		
Dishforth	261	53609	82018	23903	55600	02804	85642			261	63409	60216	23602	65611	01702	86635			261	97011	00	+		ir ₀		8		
Tynemouth	262	40318	74258	24906	40																							

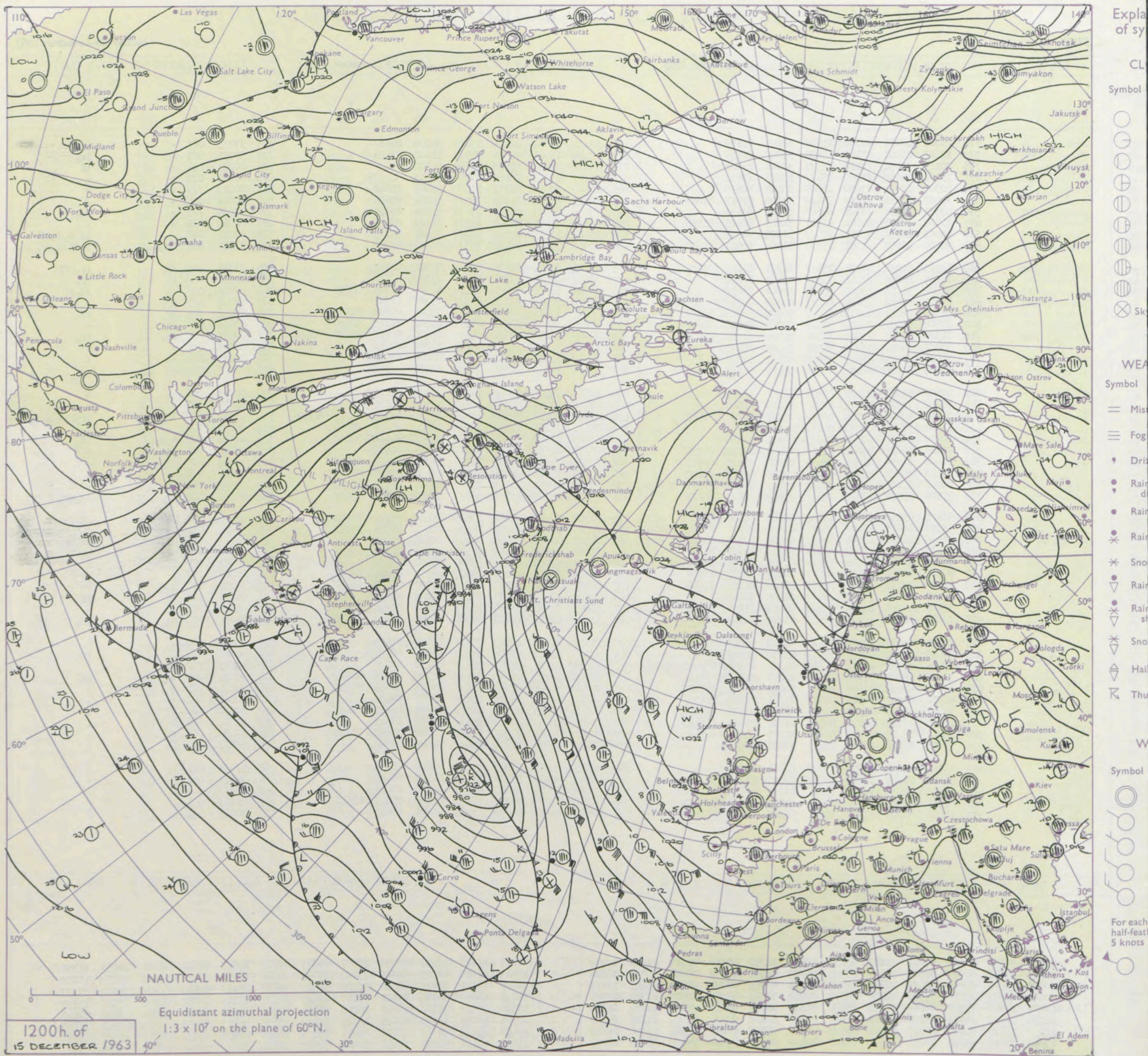
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37279

Date of Issue Monday 16 December 1963

Code FM 11.A		OBSERVATIONS at 12h. 15 December 1963										OBSERVATIONS at 18h. 15 December 1963										OBSERVATIONS during DAY					
STATION	°F	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x E	SSS	WEATHER				
																							09h.—15h.	15h.—21h.			
104 Kew	775	10409	48051	22702	15600	55801	81630				775	53404	33051	22401	55611	52202	85630				775	97033	063	+	roRo		
102 London Airport	772	10107	29041	23102	15630	53000	81630				772	73405	21041	22501	75711	51002	87656				772	97035	067	+	is _o		
100 Gatwick	776	70103	37051	22600	75511	52801	87628				776	03502	28054	22451	00900	54002					776	00023	031	+	if		
99 Thorney Island	871	73304	56052	23200	75611	53003	87632				871	03301	15101	22951	00900	52205					871	00023	027	+	+		
97 Hurn	862	20305	40054	23250	25600	53104	82630				862	10502	37040	22352	15600	53001	81640				862	00023	111	+	+		
95 Guernsey	894	70709	63031	21602	75411	53104	81617	87627			894	70613	66022	21403	75511	53204	87626				894	00041	005	+	+		
93 Wattisham	590	43303	61030	23301	45600	53102	84638				590	73005	60021	22300	75611	51001	87645				590	97025	111	+	is _o		
91 Gorleston	497	33202	14050	23101	25530	51605	82625	83358			497	82803	40051	22402	85511	51802	88626				497	00044	035	+	+		
90 Mildenhall	578	82001	40051	23001	85511	51805	88623				578	82003	11515	22001	86211	50801	88703				578	97011	000	+	id _o d _o d _o ff		
88 Cardington	559	70000	48052	23301	75511	51804	83620	87650			559	80000	09426	22701	86311	01801	88708				559	97021	000	ir _o d _o d _o	ifffid _o ir _o		
86 West Raynham	485	72305	50032	23101	75411	51701	81615	85625			485	82406	04466	21801	86011	01701	88701				485	97021	001	ir _o	ir _o FFFF		
84 Wittering	462	73105	40024	23103	75611	03803	87630				462	73407	37046	22704	75611	03302	87630				462	92051	000	ff	ir _o		
82 Boscombe Down	746	43202	56051	23600	35630	53002	83630				746	80000	59031	23301	85511	51000	86705	88620				746	97021	036	+	id _o if	
81 Ross-on-Wye	627	83603	48052	23604	86411	02400	88710				627	80204	48058	22905	85511	03302	88625				627	97051	000	pr _o	+		
79 Bristol	628	81104	48041	23603	85511	50002	85708	88620			628	80000	15016	22803	86311	02801	85708	88712				628	92041	009	ir _o	ir _o	
77 Aberporth	502	80508	66032	24405	88411	02002	81815	88650			502	80105	66022	24205	88411	03302	81815	88650				502	00051	000	+	+	
75 Rhoose (Cardiff)	715	71505	48041	23803	75500	50000	82711	87622			715	80000	48216	23302	85511	01400	82710	83620	88629				715	97031	000	ir _o	ir _o
73 Plymouth	827	30707	66030	23802	28501	53109	81825				827	73401	57041	23401	75411	51302	87616				827	00023	055	+	+		
72 Chivenor	707	31206	61011	23903	35400	00101	83618				707	70000	59021	23802	75611	00004	87631				707	00051	032	+	+		
70 St. Mawgan	817	10806	74030	23902	15500	55107	81625				817	00803	66010	23751	00900	52103					817	00033	074	+	+		
68 Culdrose	809	20809	62050	23102	25500	52211	82620				809	10610	74010	23051	12500	53305	81825				809	00033	064	+	+		
66 Scilly	804	10812	74020	22105	12500	52110	81825				804	40815	81020	22303	42500	53204	84820				804	00050	063	+	+		
64 Elmdon	534	73608	32016	23504	75611	03001	84709	87635			534	83608	23216	23204	85511	03201	85709	85713	88625				534	97051	000	ir _o	ir _o ro _o s _o d _o d _o
63 Shawbury	414	73604	37042	24405	75611	03803	87630				414	73511	14102	23804	75611	03002	85635	87650				414	00051	000	+	+	
61 Manchester	334	70000	06465	24304	75611	03801	87630				334	83405	17045	24005	85411	02400	83618	88625				334	91051	000	d _o d _o ff	id _o	
59 Squires Gate	318	70409	40606	25205	75511	03001	82628	87635			318	20107	22041	24804	25600	02203	82635				318	97050	000	ir _o	+		
57 Valley	302	70406	74258	25406	78511	04802	87640				302	70203	74028	25205	78511	03301	82820	87645				302	92071	001	pr _o	+	
55 Ronaldsway	204	70513	74022	26106	78411	02003	81818	87640			204	80209	74022	25805	88411	03105	81818	88646				204	00060	000	+	+	
54 Carlisle	222	70108	61026	26805	75511	03802	81620	83630	87640		222	73502	62032	26103	75611	02400	83635	87650				222	97051	000	ir _o	+	
52 Watnall	354	70106	23038	23305	78511	03000	85822	86635			354	80203	28216	23104	85611	03400	84713	88635				354	92051	000	pr _o	ir _o pr _o	
50 Spurn Head	396	53605	63258	22606	43540	05501	84920	83358			396	50308	82018	22106	33530	05400	83920	85365				396	01070	018	pr _o	pr _o	
48 Finningley	360	73510	44606	24005	78511	04001	82820	83630	87640		360	73510	28218	23305	75611	04002	82716	87631				360	94061	000	ir _o pr _o	d _o ro _o ir _o id _o	
46 Dishforth	261	63410	56258	24505	38531	03801	82820	83640			261	73510	40258	23905	78411	03701	82815	87626				261	01061	010	pr _o pr	pr _o pr	
45 Tynemouth	262	60116	74158	25107	23571	03400	82925	86358			262	73618	74258	24807	79511	03302	84925	87630				262	01071	002	pr	pr	
43 Eskdalemuir	162	70205	69608	26904	75511	01001	81712	87628			162	50103	67018	26403	55600	00601	85638				162	92051	001	ir _o pr _o	+		
41 Mull of Galloway	131	80710	80031	27805	88511	04210	81824	88630			131	70510	80012	27105													

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

ation
mbols

LOUD
Cloud
Amount
(oktas)

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

Obscured

ATHER
Weather

zle
and
rizzle

and snow

shower

and snow
ower

w shower

shower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

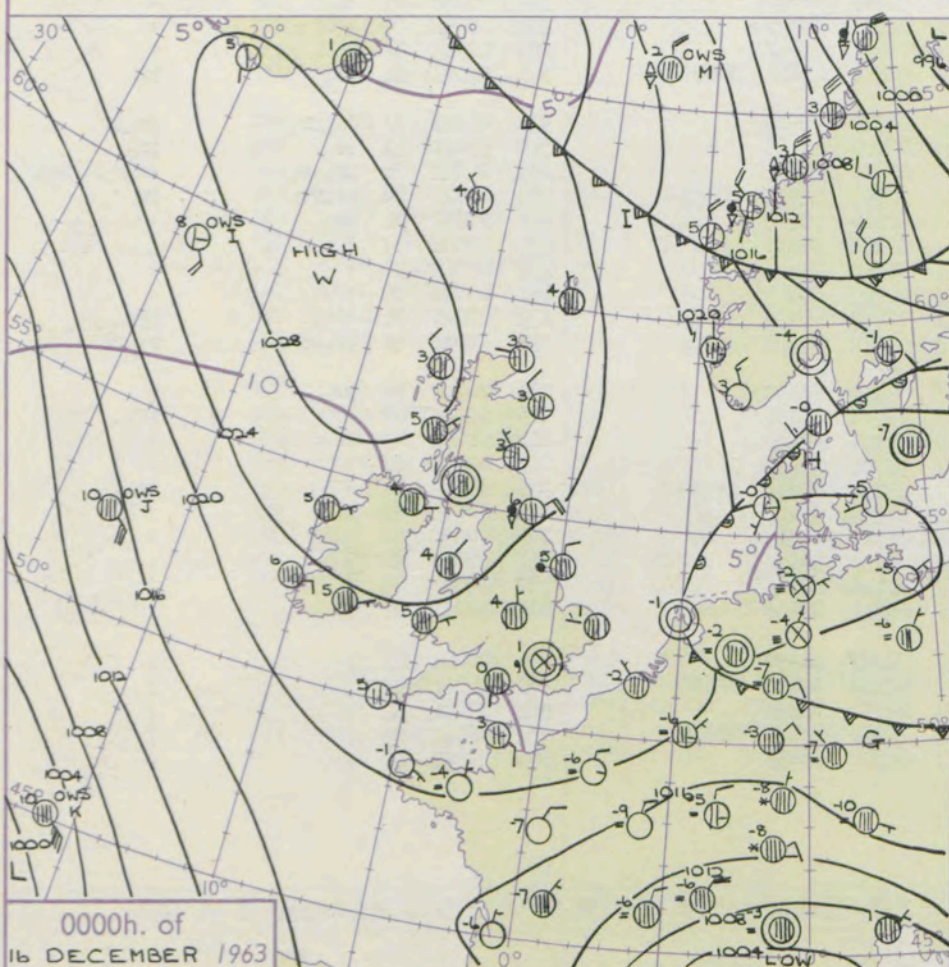
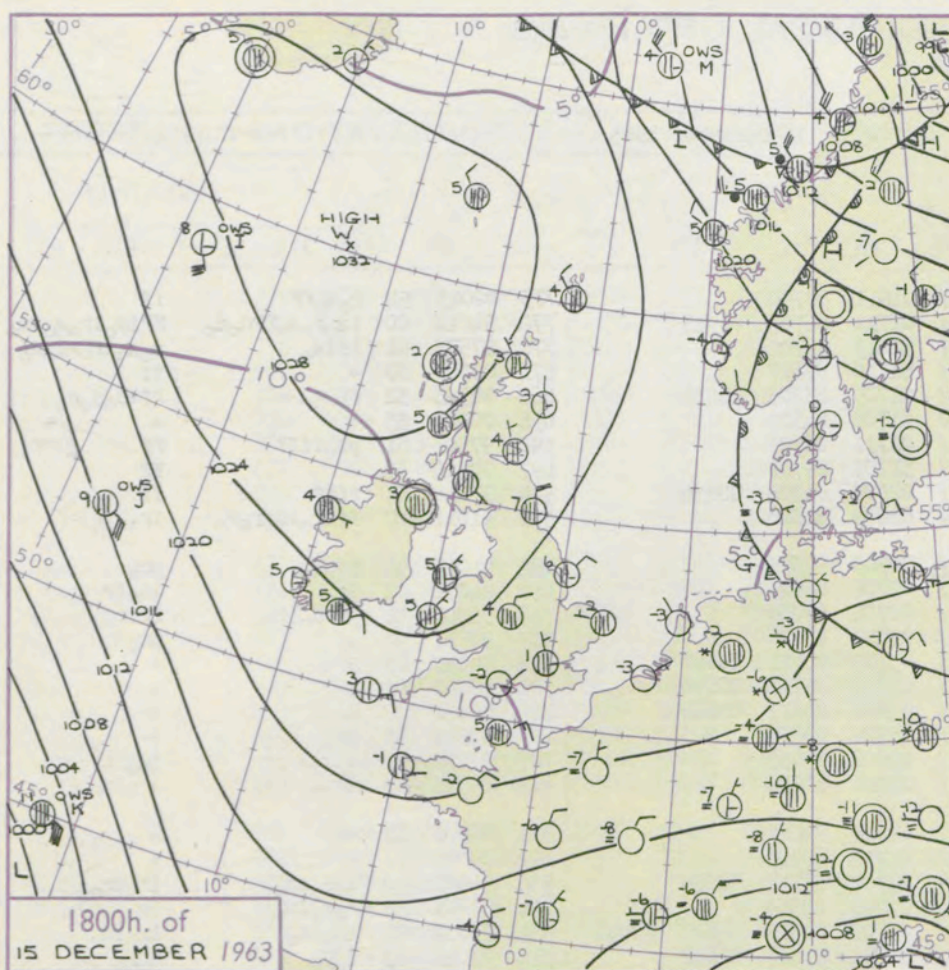
3-7

8-12

13-17

additional
er add

48-52



GENERAL SYNOPTIC DEVELOPMENT

An anticyclone to the northwest of Scotland has been declining but another anticyclone will move slowly southeast from eastern Greenland. A depression will continue to move southeast into Russia and an associated cold front will penetrate southwards into central Europe and southwestwards towards the east of the British Isles. Cyclonic activity will be maintained in the central Atlantic with marked troughing towards Spain.

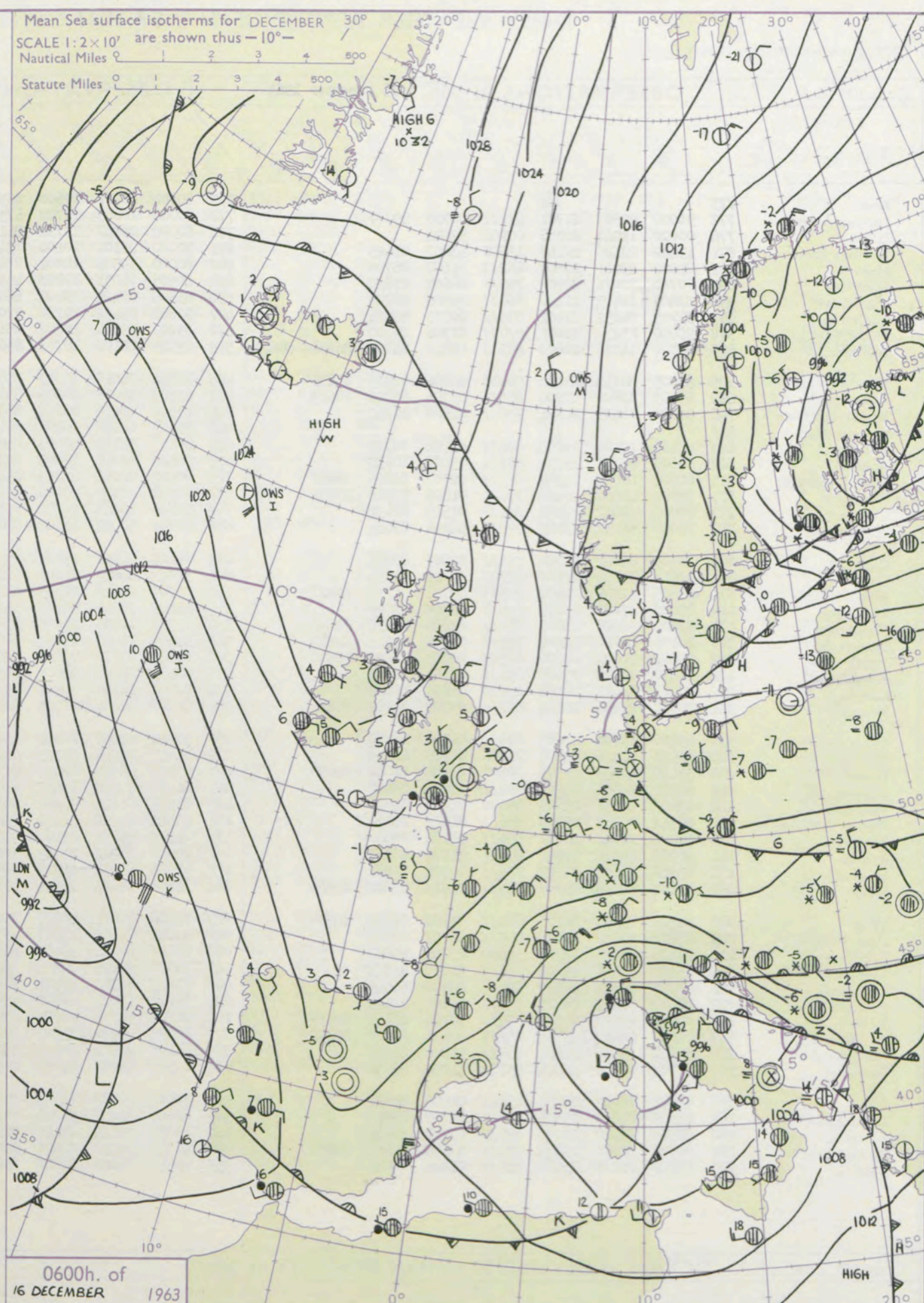
Issued at midday Monday 16 December 1963

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will be mostly rather cloudy with scattered showers which may fall as sleet or snow at times in a few eastern districts. In the west there will be some bright intervals and showers will be infrequent. Temperatures generally will be rather below normal with night frost in some southern and western districts.

OUTLOOK for following 24 hours.
Little change.



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

OBSERVATIONS at 00h. 16 December 1963												OBSERVATIONS at 06h. 16 December 1963												OBSERVATIONS during NIGHT												CONVECTIVE TAB °C to
Station	ill	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT _n T _n E	T _g T _g	WEATHER														
																						21h.—03h.	03h.—09h.													
Kew	775			02						775	80000	12287	19502	863//	01611	88708				775	02013	54	r _o s _o FF	ff												
London Airport	772	90000	02507	21701	9/0//	00710	89///			772	80000	10605	19702	6732/	01711	86708	88525			772	94011	00	is _o r _o s _o FFd _o d _o	FFid _o ir _o s _o ir _o												
Gatwick	776	00000	11044	22356	00900	57804				776	80000	09047	19752	861//	52813	88702			776	97573	61	ifia _o	s _o s _o ifFFd _o d _o													
Thorney Island	871	13402	28100	22153	15500	53807	81625			871	70000	26101	20100	754//	51710	87617			871	00543	59	+	if													
Hurn	862	81602	23041	21800	862//	51607	88703			862	80000	19505	20001	854//	01709	83705	88611			862	94523	52	ff	ffid _o d _o d _o												
Guernsey	894	70710	70021	20904	755//	00602	87625			894	40505	74031	19703	45500	51708	84620			894	00023	53	+	+													
Wattisham	590	82405	10107	21200	860//	00809	88700			590	83305	02424	19101	860//	01711	88701			590	97501	51	pr _o ifff	FF													
Gorleston	497	82705	56052	21001	855//	00703	88624			497	92802	F9474	19750	9/0//	51707	89/02			497	00524	56	+	FF													
Mildenhall	578	90000	F5474	21001	9/0//	01706	89/00			578	83202	19404	19102	856//	02608	84704	88634			578	97011	51	ffff	ff												
Cardington	559	80000	14216	21603	855//	03610	84704	86706	88625	559	83305	48106	19703	856//	03809	88640			559	91011	00	ffir _o id _o r _o r _o	ir _o													
West Raynham	485	53005	58258	21102	58400	02806	82815	83635		485	70102	74018	19303	756//	02505	87635			485	01011	51	ffpr _o	pr _o													
Wittering	462	83409	32606	21904	855//	03704	83706	88625		462	63309	56016	20303	655//	02706	86629			462	94031	02	ir _o	id _o ir													
Boscombe Down	746	90000	08475	22201	9/0//	01608	89/02			746	83502	23216	20602	863//	02708	88709			746	92001	51	ffid _o ir _o	ffir _o													
Ross-on-Wye	627									627	83607	48052	20803	864//	02608	88710			627	97031	02	+	pr _o													
Bristol	628	80405	17102	22004	864//	03706	88712			628	80108	32102	20603	856//	03607	84712	88640			628	00031	02	+	+												
Aberporth	502	80603	66022	23705	857//	03604	88650			502	80402	62022	22005	857//	02709	86714	88650			502	00041	02	+	+												
Rhoose (Cardiff)	715	80607	40042	22304	855//	02707	84626	88656		715	80107	56042	21203	854//	02606	83617	88644			715	00031	02	+	+												
Plymouth	827	73307	40042	22402	756//	01809	83708	87630		827	80304	28045	20904	856//	03509	88632			827	97011	53	id _o	+													
Chivenor	707	80000	48032	22902	856//	01505	88637			707	80000	48025	21303	856//	02608	88635			707	97021	52	+	id _o													
St. Mawgan	817	71006	58031	23101	756//	52604	87634			817	80903	56022	21102	856//	01710	88634			817	00521	53	+	+													
Culdrose	809	70506	60021	22701	754//	50803	87618			809	80605	40051	21102	855//	01609	88628			809	00501	53	+	+													
Scilly	804	40913	74020	21305	42500	00714	84825			804	30912	69030	20105	32500	01712	83825			804	00030	//	+	+													
Elmdon	534	83505	32047	22404	855//	03706	84712	88625		534	83507	40218	21303	857//	03707	83712	88650			534	94031	02	d _o d _o pr _o	ir _o pr _o												
Shawbury	414	83408	17682	23403	856//	02705	88649			414	53409	20046	22203	55600	02706	85640			414	97011	52	r _o s _o ir _o	ir _o													
Manchester	334	83406	56026	23004	854//	02706	84618	88630		334	83307	40216	21803	856//	03709	81715	84630	88645		334	93031	02	ir _o id _o	ir _o id _o												
Squires Gate	318	70106	48041	24204	755//	02705	85626	86643		318	53606	74016	23104	555//	02704	81625	85642			318	97020	53	d _o r _o	d _o r _o												
Valley	302	80202	74022	24604	885//	03705	82820	88640		302	80506	74022	23205	856//	03709	88640			302	00041	03	+	+													
Ronaldsway	204	80410	74022	25205	856//	03704	88643			204	80509	74022	24005	856//	02707	88643			204	00040	03	+	+													
Carlisle	222	23203	66011	26002	25600	01801	82640			222	82605	64031	24801	856//	00604	88647			222	00013	52	+	+													
Watnall	354	83507	23258	22104	857//	03707	83709	88656		354	80207	28808	21003	884//	02606	85811	88630			354	01021	51	pr _o	pr _o												
Spurn Head	396	83610	63608	21605	874//	04704	88710			396	40512	63028	20205	45500	04705	84625			396	01041	//	ir _o pr _o	pr _o pr													
Finningley	360	23511	40216	22504	25600	03705	82630			360	03411	48046	21303	00900	02607	88625			360	93021	51	ir _o	pr _o													
Dishforth	261	33410	40258	23303	38400	03606	81818	83650		261	83510	48626	22203	855//	03606	88625			261	01021	01	pr _o ir _o	ir _o r _o r _o irpr _o													
Tynemouth	262	60518	74808	24006	694//	04604	86918			262	60115	74028	22407	2957/	01607	82925	86358			262	01041	02	pr _o pr	pr												
Eskdalemuir	162	43603	66038	25803	45600	01803	84630			162	83503	66011	24303	856//	50608	88633			162	97031	01	pr _o	+													
Mull of Galloway	131	80712	80032	25605	856//	01611	88630			131	80511	74022	25204	856//	01703	88630			131	00021	//	/	/													
Prestwick	135	80000	28042	26601	856//	01704	88640			135	81503	36102	25101	856//	01710	88644			135	00012	50	+	+													
Renfrew	141	80000	48044	26903	856//	01604	88647			141	80000	66022	25303	856//	01707	88643			141	00021	00	+	+													
Leuchars	171	73206	74021	26103	756//	00706	87647			171	83005	82258	24503	885//	01709	81825	88640			171	97021	01	+	pr _o												
Dyce	091	73108	66038	25903	785//	02713	81820	87640		091	73108	66028	24104	785//	02710	82820	87640			091	02011	51	pr _o pr													

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37280

Date of Issue Tuesday 17 December 1963

104
102
100
99
97
95
93
91
90
88

Code FM 11.A

OBSERVATIONS at 12h. 16 December 1963

Station

iii

Nddff

VVwwwW

PPPTT

N_hCh_hC_h

T_dT_dapp

8N_sCh_sh_s

8N_sCh_sh_s

8N_sCh_sh_s

Kew

775

80206

48052

18405

863//

02806

86708

88720

London Airport

772

80205

40506

18804

856//

03807

84710

88635

Gatwick

776

80000

03426

18801

862//

01809

88705

Thorney Island

871

73607

18106

19104

756//

02706

87630

Hurn

862

83605

26055

19104

854//

03806

85610

88635

Guernsey

894

70505

69031

19105

784//

50807

83815

87630

Wattisham

590

73507

35104

18402

756//

02807

81705

87635

Gorleston

497

72901

04424

18301

7097/

01707

87358

Mildenhall

578

73503

56052

18504

785//

03706

81820

87635

Cardington

559

73609

59016

19305

784//

03805

82815

87635

86

84

82

81

79

77

75

73

72

70

West Raynham

485

20109

74018

18405

19500

02708

81920

Wittering

462

53510

61031

19705

58500

03705

81710

85635

Boscombe Down

746

73405

40216

20204

755//

03705

83708

87640

Ross-on-Wye

627

73405

57028

20205

785//

02807

81820

87630

Bristol

628

70211

28052

20105

755//

03805

82622

87625

Aberporrh

502

70708

69022

21505

756//

02002

81712

87645

Rhoose (Cardiff)

715

80610

61022

20605

855//

02805

83625

88640

Plymouth

827

70106

26042

20205

755//

03804

83625

87645

Chivenor

707

80506

61258

20806

884//

03803

84818

88636

St. Mawgan

817

80807

56052

20604

856//

03802

88635

68

66

64

63

61

59

57

55

54

52

Culdrose

809

70608

58052

20205

756//

02702

82640

87650

Scilly

804

81012

61022

20107

855//

02400

88620

Elmdon

534

73607

40058

20604

756//

02705

87645

Shawbury

414

73503

32606

21204

756//

03710

87635

Manchester

334

73505

21042

21105

756//

02809

83635

87650

Squires Gate

318

70208

24041

22105

756//

03707

87641

Valley

302

70510

74022

22307

785//

02806

83820

87640

Ronaldsway

204

70408

78022

23006

785//

02806

81820

87643

Carlisle

222

72602

56022

23603

755//

02807

81624

87643

Watnall

354

70303

40028

20204

784//

03807

85818

87630

50

48

46

45

43

41

39

37

36

34

Spurn Head

396

50310

74158

19606

53500

03705

84920

83630

Finningley

360

53412

56048

20505

58500

03707

84824

Dishforth

261

73513

48808

21105

785//

03808

83714

84820 85630

Tynemouth

262

63418

61028

21806

695//

03806

82925

86635

Eskdalemuir

162

70101

67012

23204

756//

00809

87630

Mull of Galloway

131

80211

82022

23006

885//

01715

81820

88630

Prestwick

135

70000

15042

24202

756//

02706

87645

Renfrew

141

70000

24042

23905

756//

01808

87645

Leuchars

171

73005

80028

22905

784//

01810

81817

87650

Dyce

091

80208

56818

22904

884//

03507

82707

84814 88635

32

30

28

27

25

23

21

19

18

16

Wick

075

73308

74016

23205

755//

02804

83625

87635

Cape Wrath

049

73605

86022

24707

756//

00708

87630

Sule Skerry

010

73509

82018

25007

755//

51703

87625

Lerwick

005

70309

80258

22004

784//

01808

81815

87650

Stornoway

026

73107

82258

25605

784//

03808

81819

87645

Benbecula

022

73402

85022

25805

785//

03705

81821

87645

Tiree

100

70000

89032

25206

785//

03804

81822

87650

Aldergrove

917

80000

60022

24604

856//

50707

88635

Malin Head

980

80605

89258

24806

885//

52706

81824

88642

Belmullet

976

80806

83022

23705

856//

01808

88647

14

12

10

9

7

5

3

1

0

2

Birr

965

80606

74022

23105

856//

02706

88638

Collinstown

969

80707

82028

22906

856//

50805

88630

Rineanna

962

70709

74022

22506

857//

02804

87650

Roches Point

952

80610

82022

21806

885//

03802

81820

88643

Valentia

953

70609

80022

21207

756//

02705

87638

4

6

8

9

11

13

15

17

18

20

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.

YQLLL_aa_a

LoLLoGG

Nddff

VVwwwW

PPPTT

N_hCh_hC_h

D_ss_sapp

8N_sCh_sh_s

8N_sCh_sh_s

OTTTT_d

Id_dPH_W

Id_dPH_W

A

20620

33712

51024

98032

15607

58431

00703

83815

////

00105

11136

1////

B

20565

51012

83218

98021

84300

5552/

00825

85625

88459

05851

13324

12045

C

20528

35512

80924

98026

77809

25472

00820

82610

85362

00207

16160

1////

D

20425

39412

62547

96259

81910

52502

52232

85820

////

06206

12538

17859

I

20590

19012

61325

70251

21708

39442

00202

83915

////

05305

11435

1////

J

20525

19212

81232

65022

10410

855//

11500

88620

////

05206

11237

1////

K

20449

15612

71138

96026

02612

4542/

21216

84615

87530

05308

16162

1////

M

23658

01812

43619

80028

21303

49500

00000

////

////

06055

13657

1////

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.

YQLLL_aa_a

LoLLoGG

Nddff

VVwwwW

PPPTT

N_hCh_hC_h

D_ss_sapp

8N_sCh_sh_s

8N_sCh_sh_s

OTTTT_d

Id_dPH_W

Id_dPH_W

A

20619

33818

80829

98602

13606

856//

00511

85710

88630

05106

10938

11758

B

20565

51018

80930

97617

72906

5732/

00756

85707

88512

00304

149/4

10969

C

20528

35518

30933

98258

73709

27242

00612

82705

830//

00206

16162

1////

D

20423

39718

72752

98698

87509

72504

51353

87820

////

06408

17867

1////

I

20590

19018

81421

70258

19907

894//

00708

88915

////

05405

11434

11844

J

20526

19318

81332

65022

08010

885//

21607

83620

88630

05104

11347

1////

K

20453

15718

71130

96022

01312

755//

21800

87625

////

05308

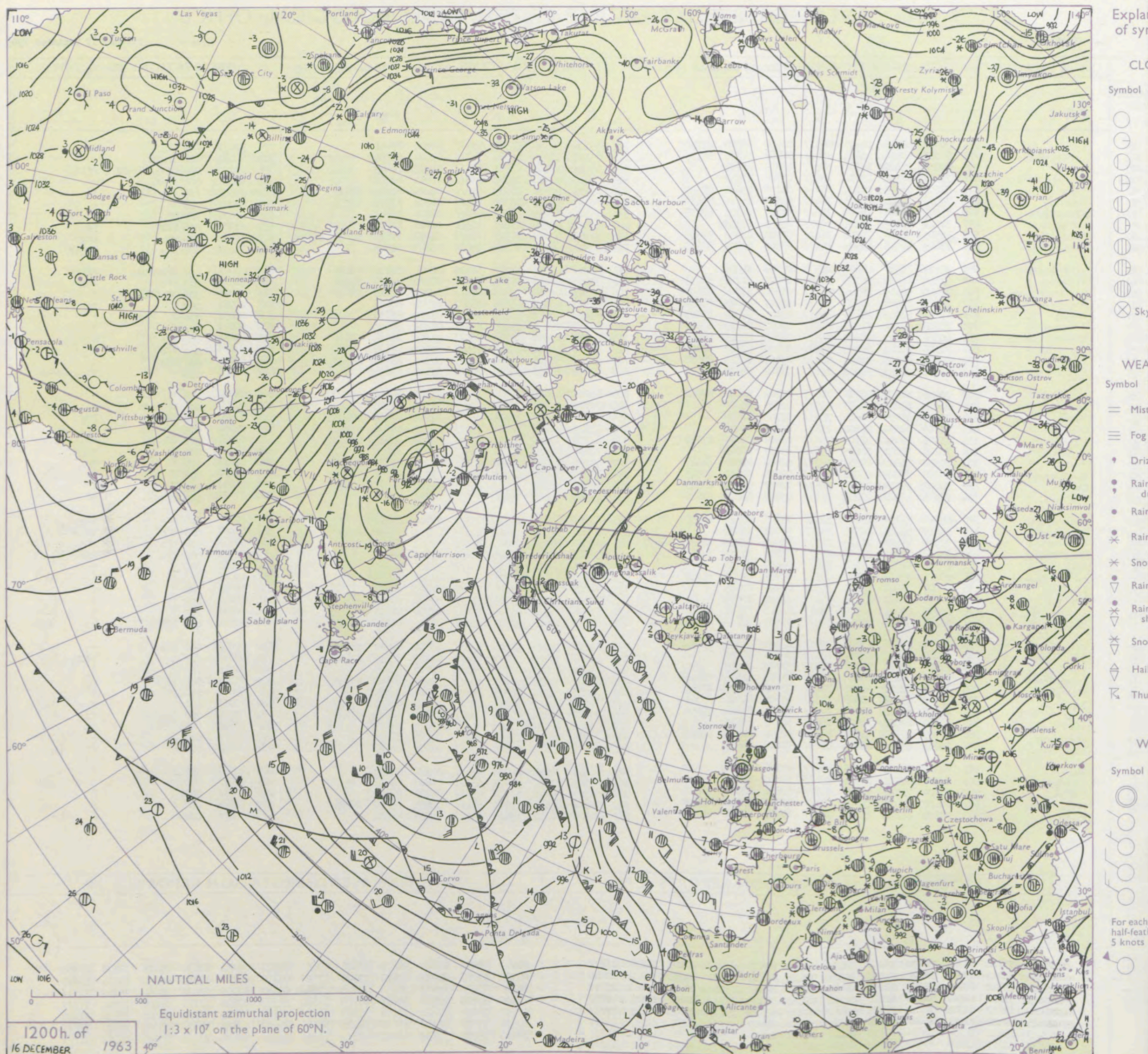
16162

1////

M

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

ation
mbols

UD
Cloud
Amount
(oktas)

0
1 or less

2

3

4

5

6

7 or more

8

obscured

OTHER

Weather

Weather

Weather

Weather

Weather

Weather

Weather

Weather

Weather

Weather

Weather

Weather

Weather

Weather

Weather

Weather

Weather

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Weather

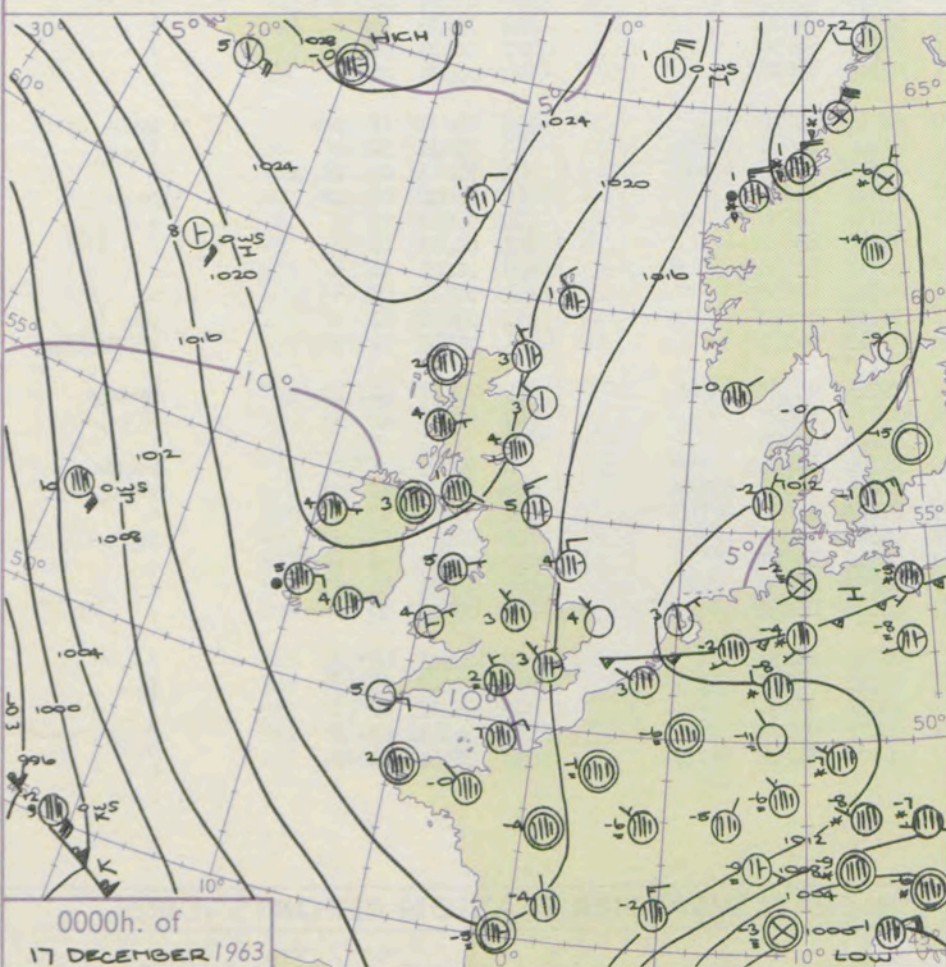
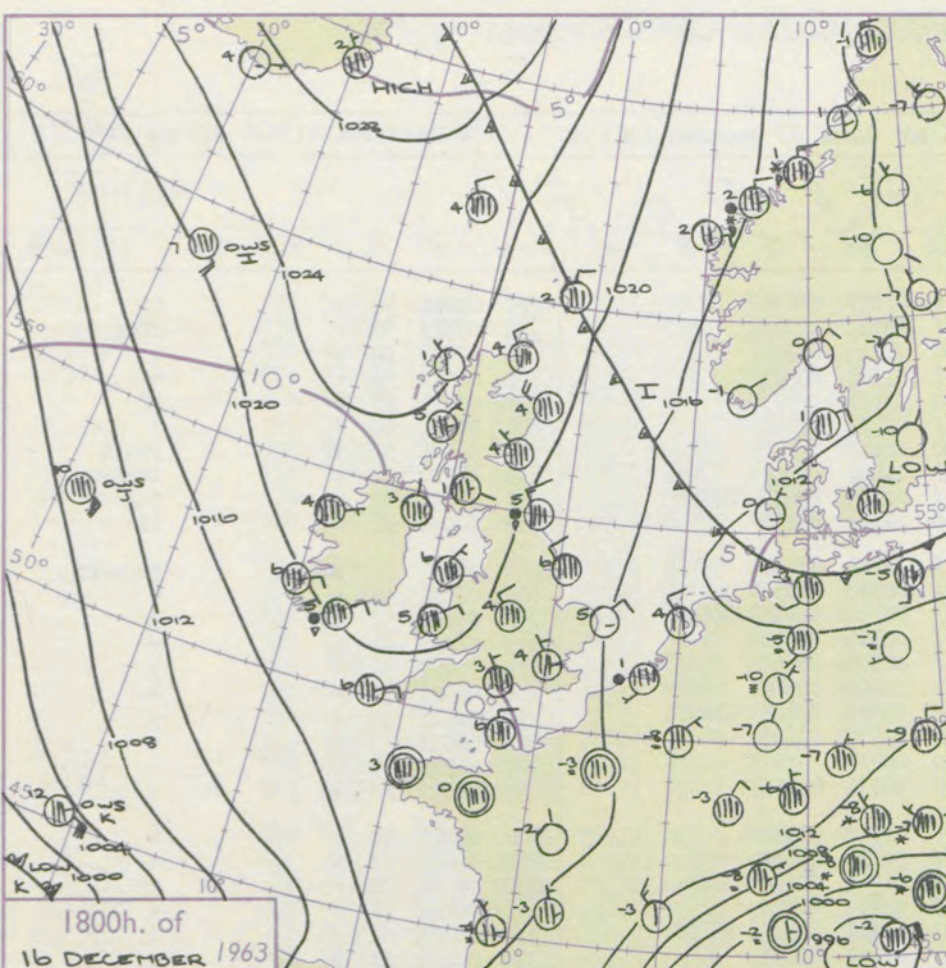
Weather

Weather

Weather

Weather

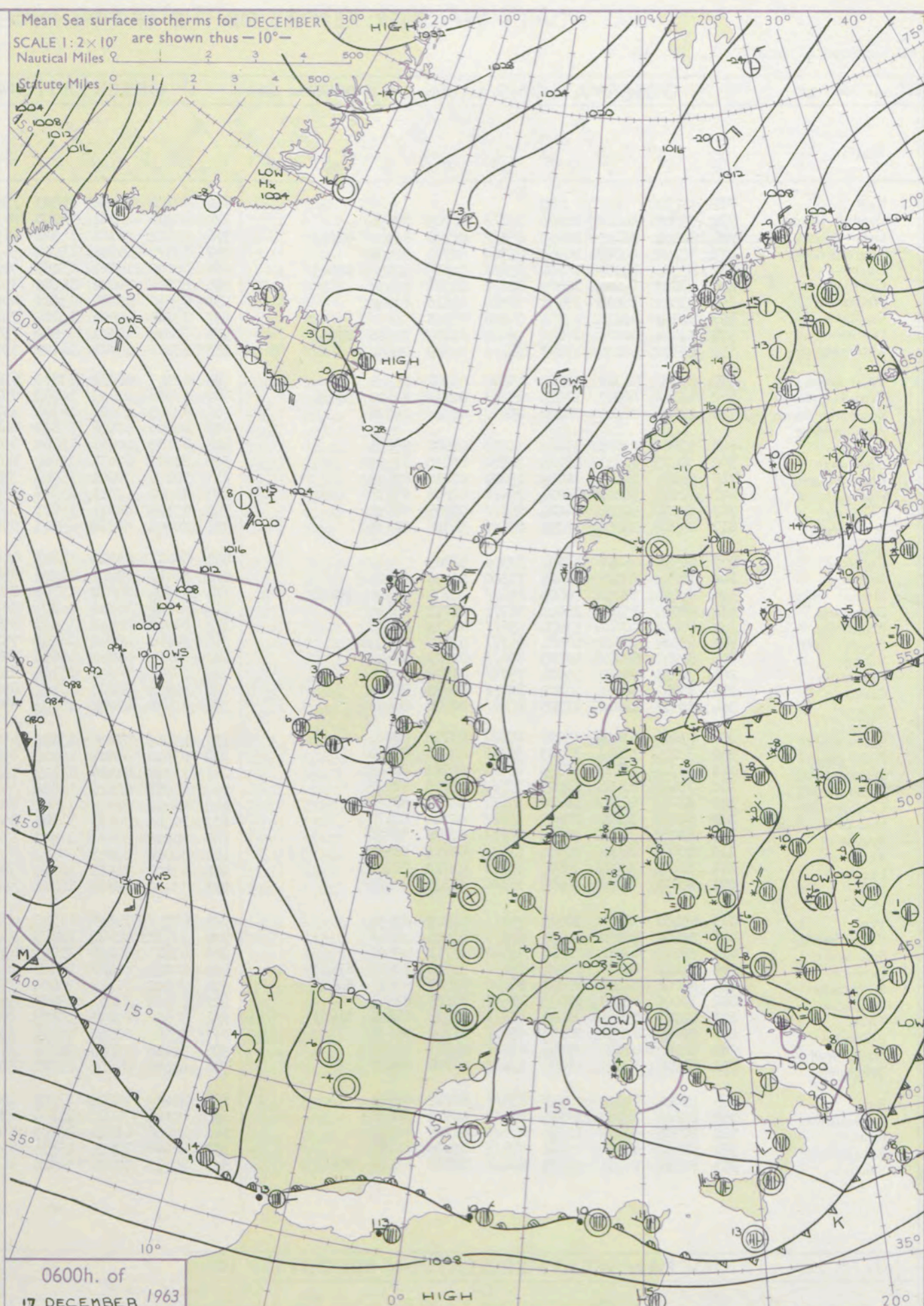
Weather



GENERAL SYNOPTIC DEVELOPMENT

The ridge of high pressure over the British Isles yesterday has declined steadily as a weak upper trough moved south over the Norwegian Sea. A further decline of the ridge is expected and a trough near Jan Mayen will progress south to be near north Scotland tomorrow. Events over the Atlantic are unlikely to affect the British Isles as a depression in the northwest Atlantic moves away further to the northwest and a breakaway secondary forming near O.W.S. K turns southeast into Spain.

Issued at midday **Tuesday 17 December** 1963



FORECAST for Great Britain and Northern Ireland until noon tomorrow

Cold or rather cold in all parts with overnight frost in many areas. Showers will occur chiefly in the north and east where they will fall as sleet or snow in some districts. More general snow will probably reach parts of Scotland later tonight and in the morning. Mist and fog patches will occur tonight, chiefly in Wales and central and western England.

OUTLOOK for the following 24 hours. Cold with showers of sleet or snow mainly in the north and east. Night frost.

48-52

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

Code FM II.A		OBSERVATIONS at 00h. 17 December 1963										OBSERVATIONS at 06h. 17 December 1963										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Kew	775			03						775	70104	60022	14403	75611	01707	87635			775	00011	54	+		ff		
London Airport	772	73305	40042	16503	75711	02709	87656			772	80000	14101	14700	86311	50712	88706			772	00513	52	+		ffff		
Gatwick	776	82901	28105	16802	85511	01706	83708	88622		776	43602	26101	14501	46300	01714	84706			776	97003	54	+		+		
Thorney Island	871	63408	40012	16903	65700	02712	86650			871	53303	28101	15002	56311	01508	85707			871	00011	54	+		+		
Hurn	862	83505	48105	16702	85611	02713	84630	88643		862	00000	19101	15053	00900	53711			862	00531	57	+		ff			
Guernsey	894	83607	63022	16805	85611	00708	88635			894	80506	70022	14305	85611	00713	87644			894	00051	04	+		+		
Wattisham	590	35311	58011	15701	35600	01610	83640			590	03210	23288	13400	00900	00813			590	91505	53	if		proif			
Gorleston	497	03305	62018	15104	00900	03708				497	73207	62606	13102	75511	01612	87627			497	01012	52	+		irooro		
Mildenhall	578	53206	40258	16002	58400	01709	81818	85656		578	70000	19101	13800	75611	00713	83632	87650		578	93001	53	pro		ido		
Cardington	559	83302	48036	17103	85711	02709	88650			559	53104	14101	14702	55700	01713	85650			559	00001	55	+		if		
West Raynham	485	13307	61018	15703	15600	03706	81645			485	63107	56838	13603	65611	02711	86635			485	02021	52	pho		prosopro		
Wittering	462	83308	48021	17003	85511	02712	82625	88650		462	83308	23022	14703	85711	02713	88656			462	00021	51	+		+		
Boscombe Down	746	23603	37105	18602	25600	01504	82645			746	83405	28101	16701	85711	01712	82710	88650		746	97011	52	ido		/		
Ross-on-Wye										627	80000	57022	15802	86411	02715	88710			627	00021	51	+		+		
Bristol	628	53502	23051	17602	55700	01807	85656			628	80105	20051	15402	85611	01716	88640			628	00011	55	+		+		
Aberporth	502	30605	62011	18704	35700	02710	83650			502	81603	62031	16402	85711	01605	88650			502	00001	57	+		+		
Rhoose (Cardiff)	715	20105	48041	18003	25600	01810	82636			715	50306	30041	15700	35505	50815	83625	85075		715	00511	54	+		+		
Plymouth	827	70207	56042	18004	75611	02808	87638			827	10307	62011	15303	15600	01717	81636			827	00001	53	+		+		
Chivenor	707	80902	58022	18204	85611	01808	88635			707	01103	48011	15801	00900	00717			707	00523	57	+		+			
St. Mawgan	817	80905	56051	18203	85611	50708	88634			817	20808	50012	15601	25600	00716	82635			817	00511	53	+		+		
Culdrose	809	00510	66051	17401	00900	52709				809	80607	83021	14803	85611	51717	88630			809	00010	53	+		+		
Scilly	804	10812	74021	17505	11500	00706	81823			804	80813	83022	14706	85611	51716	88630			804	00040	//	+		+		
Elmdon	534	83405	37052	18003	85411	02708	85618	88640		534	83106	24042	15702	85711	01714	88650			534	00021	01	+		ff		
Shawbury	414	80000	15102	18502	85711	02711	88656			414	80000	16102	16203	85711	02715	88656			414	00021	51	+		+		
Manchester	334	80000	20044	17904	85611	01713	88635			334	80000	28042	15603	85611	01718	82635	88656		334	00021	01	+		if		
Squires Gate	318	83503	28042	18904	85711	02710	88650			318	70104	48042	16204	75711	02717	87656			318	00020	01	+		+		
Valley	302	80707	69022	19505	85611	03709	88647			302	80602	69022	16603	85611	02715	88645			302	00031	02	+		+		
Ronaldsway	204	70108	66032	19904	75711	01808	87650			204	80107	74022	17104	85711	51714	88650			204	00030	01	+		+		
Carlisle	222	80000	56022	20402	85711	00809	88656			222	82805	58022	17802	85711	00715	88656			222	00011	50	+		+		
Watnall	354	83507	19044	17703	85611	02708	88640			354	83608	48022	15103	85611	02716	88648			354	00031	02	+		+		
Spurn Head	396	73608	63028	15904	75511	03712	87620			396	43312	57018	13604	45500	02716	84625			396	01031	//	pro		pro		
Finningley	360	33209	32041	17703	35700	02710	83650			360	83310	58046	15104	85611	01716	85631	88650		360	97031	52	+		iro		
Dishforth	261	83311	48058	18103	85611	02713	88645			261	73308	61018	15403	75411	01716	85619	87656		261	92021	00	propr		+		
Tynemouth	262	73415	61028	18605	75511	03708	87625			262	43418	61028	15604	45600	01717	84635			262	03022	01	pro		prorr		
Eskdalemuir	162	83602	66032	20102	85611	51811	88646			162	83601	66022	17602	85611	52614	88646			162	00011	51	+		+		
Mull of Galloway	131	80209	74022	20605	85611	02714	88630			131	80212	74022	17905	85611	01718	88630			131	00031	//	/		/		
Prestwick	135	81002	39042	20801	85711	00709	88650			135	80903	56042	17901	85711	50715	88650			135	00001	51	+		+		
Renfrew	141	80000	24044	20704	85711	00714	88656			141	80000	62022	18103	85711	00713	88656			141	00021	00	+		+		
Leuchars	171	82606	74022	19604	85711	01712	88650			171	63107	74031	16903	65611	50715	86640			171	97021	51	+		pro		
Dyce	091	23111	74018	19203	28500	01815	81820			091	33210	69268	16702	38400	01612	81817			091	01012	52	pro		proso		
Wick	075	73407	74032	20003	75611	01809	87630			075	60219	74038	17703	68511	00515	83820	84625		075	02011	51	iro				

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37281

Date of Issue Wednesday 18 December 1963

Code FM II.A		OBSERVATIONS at 12h. 17 December 1963										OBSERVATIONS at 18h. 17 December 1963										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T _s T _s	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Kew	775	82905	13284	12503	863//	01716	88708			775	82704	20056	09704	856//	01812	88635			775	97041	000	ffir _o id _o	ir _o			
London Airport	772	72805	11284	12803	757//	02814	87656			772	82804	28042	10003	857//	01713	88656			772	00041	000	ff	+			
Gatwick	776	73206	22052	12403	756//	02813	83708	87645		776	83402	22052	09903	857//	01710	88657			776	00041	000	+	+			
Thorney Island	871	73505	40101	13303	762//	02716	87704			871	83001	19052	10303	854//	01713	81615	84640	88656	871	00041	010	+	+			
Hurn	862	83402	23054	13703	856//	02712	82709	85710	88640	862	83405	15052	11102	855//	01712	82710	86622	88630	862	00041	///	ff	+			
Guernsey	894	80806	61808	12505	885//	02812	84820	83630	87645	894	80808	66618	09805	885//	03713	86822			894	03061	000	ir _o pr _o	ir _o ir _o pr _o ir _o			
Wattisham	590	73210	23808	11402	756//	02716	87630			590	83310	32608	09002	872//	02711	85704	88706		590	92031	///	ifpr _o ir _o	ir _o			
Gorleston	497	43109	58058	10804	48500	03714	83820	84625		497	33108	56258	08903	35600	02709	83630			497	01052	026	pr _o	pr _o			
Mildenhall	578	72904	19606	11603	755//	02816	84625	87650		578	83105	32616	09303	857//	02710	83703	85708	88656	578	91041	000	ir _o	id _o ir _o ir _o			
Cardington	559	82905	27104	12804	856//	02714	81640	88650		559	83106	19606	10104	854//	01710	88615			559	91041	000	ifir _o	ir _o			
West Raynham	485	83006	28618	11103	856//	02814	82705	86707	88635	485	53510	58016	08703	55400	02709	83618	84633		485	05031	000	rrr _o ir _o	rr _o ir _o pr _o pr			
Wittering	462	73210	58016	12704	755//	01816	82625	87650		462	83310	56606	10203	854//	01709	85708	84617	88650	462	97041	000	ir _o	ir _o			
Boscombe Down	746	83002	09464	14303	856//	02711	85703	88635		746	83302	16056	11402	856//	01814	85709	88630		746	97041	000	f	ir _o			
Ross-on-Wye	627	70102	24052	13304	756//	02717	87630			627	80000	24052	10803	864//	01713	88715			627	00041	000	+	+			
Bristol	628	70000	22052	13704	757//	02714	87650			628	80000	20042	10603	856//	01816	82645	88656		628	00041	000	+	+			
Aberporth	502	80000	66022	14303	857//	01713	88656			502	80000	62032	11503	857//	01809	88650			502	00041	000	+	+			
Rhoose (Cardiff)	715	83305	35042	13803	854//	02813	81618	88640		715	80000	37042	11102	857//	01712	88656			715	97041	000	+	ir _o			
Plymouth	827	40401	32041	13604	45630	02814	84635			827	80804	29041	10304	856//	01713	88647	88650		827	00051	002	+	+			
Chivenor	707	70000	20051	14201	756//	00813	86630	87640		707	80901	17052	11003	856//	02712	84635	88650		707	00031	000	+	+			
St. Mawgan	817	30808	58051	13504	38500	01815	81820	83635		817	70807	59051	10103	756//	51711	87634			817	00051	013	+	+			
Culdrose	809	80708	58052	12804	885//	03812	81820	88635		809	80710	56052	09504	856//	01712	82718	88640		809	00040	000	+	+			
Scilly	804	80911	59022	12106	855//	01716	88625			804	80917	58022	08407	856//	02715	88630			804	00071	000	+	+			
Elmdon	534	83107	15044	13603	855//	01813	81620	88656		534	83306	17616	11103	854//	01710	87618			534	92041	000	ffir _o	ir _o rr			
Shawbury	414	82902	32042	13903	856//	02716	83630	88656		414	73405	32216	11702	756//	00806	83640	87656		414	97041	005	ir _o	ir _o			
Manchester	334	73002	05044	13403	757//	01714	87650			334	73306	26048	11403	756//	51608	87630			334	97051	002	ifpr _o	ir _o			
Squires Gate	318	80206	30042	14205	885//	01713	81822	88650		318	80307	32042	12203	857//	50709	88656			318	00050	000	+	+			
Valley	302	70504	58042	14706	785//	03812	82820	87650		302	80307	66022	12305	885//	02710	81820	88648		302	00061	001	+	+			
Ronaldsway	204	80107	64032	15305	885//	00708	81820	88650		204	70308	62028	13403	785//	51710	81820	87656		204	97050	000	pr _o	+			
Carlisle	222	60000	58022	15703	5853/	01812	82822	83630	85640	222	50208	80012	13902	58500	51707	83821			222	00041	000	+	+			
Watnall	354	83510	28022	12604	856//	01815	88632			354	83607	37036	10503	854//	02709	87615	88624		354	97041	000	+	ir _o			
Spurn Head	396	82910	16618	11604	874//	03713	88710			396	83615	59808	08903	854//	02703	88610			396	01041	000	r _o r _o	pr _o			
Finningley	360	83416	61602	12704	856//	01617	81715	83645	88656	360	83414	57506	10703	854//	01708	82712	86615	88650	360	97041	000	r _o r _o	ir _o id _o			
Dishforth	261	73511	61258	12903	784//	01813	82810	84625	85656	261	73410	58808	11502	784//	00703	85811	87645		261	92041	001	pr _o	pr _o pr _o so			
Tynemouth	262	63414	48888	13203	694//	01711	86918			262	70224	61268	11605	634//	02705	86918			262	07052	007	pr _o	ph _o r _o			
Eskdalemuir	162	73506	70802	15403	785//	51810	84820	87640		162	10106	70268	14100	18500	51505	81820			162	95035	015	pr _o	ps _o ps			
Mull of Galloway	131	80514	78022	15805	885//	00716	82825	88630		131	30516	74011	14003	35600	01607	83630			131	00071	///	/	/			
Prestwick	135	70902	20042	15902	756//	01612	81635	87650		135	10205	50041	15151	15600	52205	81635			135	00013	003	+	+			
Renfrew	141	70109	56042	16105	756//	51709	84645	87656		141	00206	48041	15503	00900	53702			141	00051	014	+	+				
Leuchars	171	43410	82018	15403	38530	50809	81825	83640		171	23609	83030	14801	28500	51502</											

1200h. of
17 DECEMBER 1963

NAUTICAL MILES
0 500 1000 1500

Equidistant azimuthal projection
1:3 x 10⁷ on the plane of 60°N.

CLO

Symbol

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Symbol

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CHARTS OF WEATHER IN WEST EUROPE

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7 or more
8
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and snow
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shower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

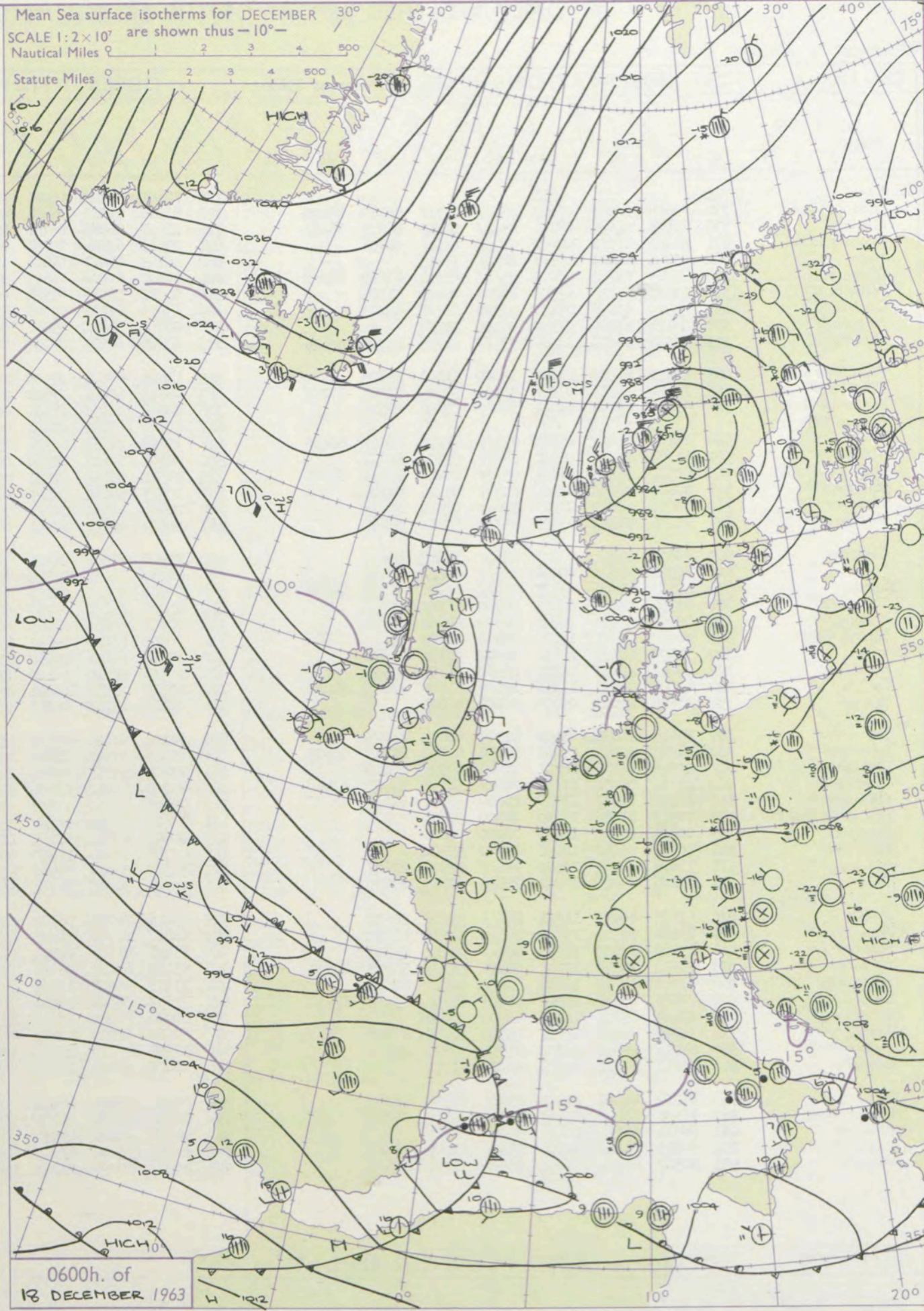
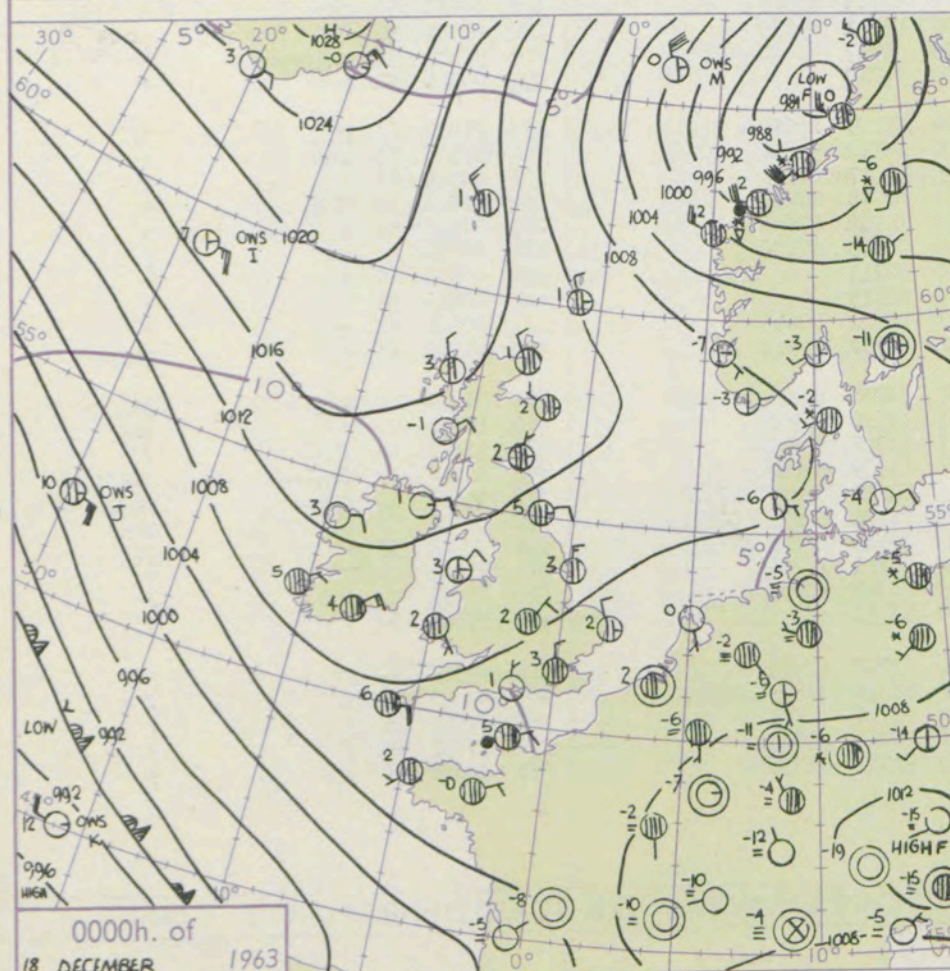
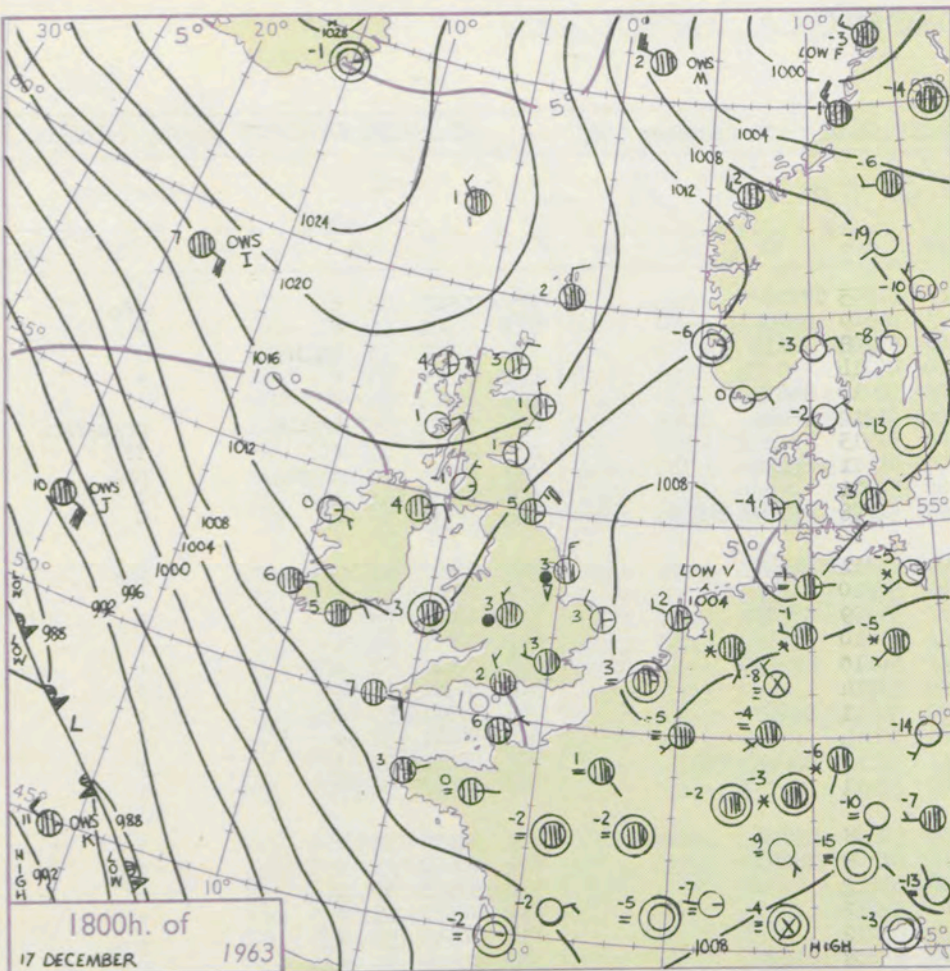
3-7

8-12

13-17

additional
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48-52



GENERAL SYNOPTIC DEVELOPMENT

The ridge of high pressure which was over the British Isles yesterday has continued to decline steadily as a trough extended eastwards north of Spain and a deepening low moved south over Norway. A further decline of the ridge is expected as the Norwegian low moves southsoutheast and deepens further. A cold northerly airstream over the Norwegian Sea will extend southwards.

Issued at midday Wednesday 18 December 1963

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Snow showers will continue over Scotland with moderate to heavy falls locally. It will be sunny over England and Wales today but snow showers will occur in the north of England by this evening and spread south. Amounts of snow will be mostly small but may be moderate over high ground in the north and east. It will continue rather cold with slight to moderate frost at night.

OUTLOOK for the following 24 hours. Continuing cold with widespread night frost. Moderate to heavy falls of snow will occur in north and east Scotland with light falls in eastern England. Mainly sunny in the west.

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

Code FM II.A		OBSERVATIONS at 00h. 18 December 1963										OBSERVATIONS at 06h. 18 December 1963										OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRRT _n T _e	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			03						775	70107	58022	06201	76311	51705	87706				775	97511	52	+	ir _o	40		
London Airport	772	83608	40042	07603	85411	01711	86712	88615		772	83608	59022	06401	86311	00709	88707				772	00011	51	+	+		39	
Gatwick	776	83403	24056	07702	85411	01611	86713	88616		776	43607	56056	06101	46400	50708	84710				776	97001	53	+	id _o ir _o	38		
Thorney Island	871	63403	17051	08002	65711	01611	86656			871	03512	62011	05701	00900	00714				871	00001	53	+	+		37		
Hurn	862	03605	40011	08701	00900	50711				862	40109	59011	06801	45500	50710	84623				862	00511	54	+	+		36	
Guernsey	894	81005	66606	07005	85611	01611	83630	88635		894	80808	60028	04305	85611	01712	88641				894	03021	02	ir _o ph _r	pr _o s _o r _o r _o		35	
Wattisham	590	13506	56016	07000	16200	00709	81704			590	03312	58024	05551	00900	52713				590	00523	55	ff	if		34		
Gorleston	197	53510	62258	07102	53500	01708	85928			197	53410	62031	05003	55500	00711	85620				197	01014	52	pr _o ph _o	ph _o		33	
Mildenhall	578	03104	17106	07740	00900	50706				578	03107	56020	05851	00900	52711				578	97523	56	id _o	+		32		
Cardington	559	73008	56016	08502	75511	01705	82706	87628		559	63306	48031	07150	56200	51708	85705	84625			559	97533	57	+	+		31	
West Raynham	185	10110	66028	07701	15600	51604	81630			185	13409	66028	05900	15600	53711	81640				185	93503	55	pr _o ps _o ph _o	ph _o		30	
Wittering	462	73410	14106	09001	76011	50503	84701	87702		462	03311	40021	07550	00900	52710				462	00513	54	+	+		29		
Boscombe Down	746	83501	23102	09301	85411	00608	88616			746	80306	40052	07301	86311	51709	88707				746	00001	52	+	+		28	
Ross-on-Wye										627	80102	18052	07601	86411	51810	88710				627	00001	00	+	+		27	
Bristol	628	80105	22052	08802	85511	01711	86627	88656		628	70308	28052	06902	75511	50710	87627				628	00001	52	+	+		26	
Aberporth	502	61303	62012	09802	65811	51707	86657			502	00706	62021	07900	00900	53714				502	00501	53	+	+		25		
Rhoose (Cardiff)	715	80507	56216	08801	55711	00611	85656	88360		715	20512	56042	07001	25500	51611	82625				715	97511	53	ir _o	+		24	
Plymouth	827	80609	58042	07704	85711	01714	88656			827	00513	58041	05403	00900	50814				827	00011	51	+	+		23		
Chivenor	707	60804	48012	08503	65611	00812	86635			707	70907	56031	07003	75511	51711	84621	87645			707	00011	53	+	+		22	
St. Mawgan	817	81206	58052	07802	85711	50613	88650			817	80809	48051	05901	00900	51711				817	00513	54	+	+		21		
Culdrose	809	80509	64052	07003	85611	51613	88630			809	50710	60052	05301	55600	50608	85640				809	00502	52	+	+		20	
Scilly	804	80918	58022	05806	85511	00711	88625			804	80917	74032	03706	85511	01708	88626				804	00040	11	+	+		19	
Elmdon	534	80307	40046	09702	85411	01602	85709	86616	88630	534	00000	37101	08151	00900	51712				534	97533	57	+	+		18		
Shawbury	414	03309	17041	10000	00900	51707				414	03404	12100	08252	00900	52717				414	00533	55	+	+		17		
Manchester	334	00108	48011	10202	00900	51603				334	00000	56020	08351	00900	52712				334	00533	55	+	+		16		
Squires Gate	318	00000	40041	11100	00900	51705				318	10507	66020	09452	15700	53708	81650				318	00533	58	+	+		15	
Valley	302	30309	66021	10605	35600	00708	83645			302	30306	66031	09150	35600	52713	83645				302	00513	54	+	+		14	
Ronaldsway	204	10412	80021	12201	15500	51603	81625			204	10113	82020	10100	11500	52711	81820				204	00500	54	+	+		13	
Carlisle	222	40000	74018	13350	48500	51807	81823	84643		222	83305	74031	10401	85611	51817	83630	88635			222	97513	53	ps _o pr _o s _o	+		12	
Watnall	354	03604	28011	09700	00900	50603				354	03606	48020	07850	00900	51710				354	00511	54	+	+		11		
Spurn Head	396	43615	63038	08403	42500	01804	84825			396	40909	63020	07003	45500	01709	84620				396	01030	11	pr	+		10	
Finningley	360	63507	32268	09901	68400	00502	82819	85625		360	23008	37041	07851	21400	52712	82818				360	97523	55	ps _o	+		9	
Dishforth	261	43508	66038	10801	41400	50500	84814			261	83409	56051	08001	85611	51717	88634				261	00511	53	+	+		8	
Tynemouth	262	70710	66038	11105	78611	51705	83830	87650		262	83209	74022	08204	85611	00718	88630				262	02021	00	1.h	+		7	
Eskdalemuir	162	10102	79038	13650	15600	53501	81640			162	70301	74031	10601	75611	52714	87633				162	00515	56	+	+		6	
Mull of Galloway	131	00515	81020	13802	00900	51704				131	10512	82030	11401	15600	00718	81630				131	00001	11	/	/		5	
Prestwick	135	00905	56040	14053	00900	51606				135	00000	50040	11755	00900	56715				135	00563	60	+	+		4		
Renfrew	141	00000	56040	14653	00900	55704				141	02704	56020	11852	00900	54615				141	00543	58	+	+		3		
Leuchars	171	73606	80031	13602	75611	52806	87647			171	82908	80032	09902	85611	53722	88645				171	00001	52	+	+		2	
Dyce	091	73106	80021	13702	75611	50714	87630			091	53010	80268	08701	58400	51732	83614	83635			091	01507	53	+	ps _o ps		1	
Wick	075	63308	80031	14301	65611	51716	86630			075	63013	74038	08301	69411	50738	82915	85625			075	01505	54	ps _o ph _o	ps _o pr _o		0	
Cape Wrath	049	83609	86032	15504	86511	53713	88720			049	83612	82702	10303	83511	52730	88925				049	93011	00	+	is _o		-1	
Sule Skerry	010	83409	81028	15903	86511	00717	88720			010	83418	81028	09904	86511	51745	88720				010	97021	02	/	/		-2	
Lerwick	005	63512	74278	11901	68400	51729	84818	85634		005	83419	62227	03800	85511	51639	88623				005	01546	54	ps _o is _o	is _o ps _o ph _o		-3	
Stornoway	026	43510	80038	16603	42500	00813	84822			026	73013	80258	12801	78511	01822	83820	86648			026	95011	51	pr _o	pr _o ph _o pr _o s _o		-4	
Benbecula	022	70508	80801	16902	78411	01705	83818	87632		022	73307	74808	13402	78411	00721	83815	87630			022	01001	53	pr _o	pr _o		-5	
Tiree	100	00409	89020	16151	00900	53604				100	50000	89031	13001	38502	55819	82825	83075			100	00521	58	+	jp		-6	
Aldergrove	917	10708	66021	13701	15600	52705	81640			917	00000	62020	11951	00900	53711				917	97543	59	+	+		-7		
Malin Head	980	30914	85031	13704	35600	52813	83638			980	20508	80030	12704	25600	53711	82640				980	00031	51	/	/		-8	
Belmullet	976	00811	80011	12403	00900	01710				976	00408	80020	11251	00900	53711				976	97521	54	+	/	/		-9	
Birr	965	80207	74021	11502	85611	00709	88640			965	00406	74021	10452	00900	53710	02001				965	97523	56	/	/		-10	
Collinstown	969	10506	80010	11503	11500	52607	81825			969	50304	80028	09702	58511	52710	81825	85640			969	97023	53	/	/		-11	
Rineanna	962	00311	66011	10800	00900	51707				962	00306	66020	09052	00900	53716				962	97543	56	/	/		-12		
Roches Point	952	80513	69022	09304	85611	00709	88641			952	80313	74036	07604	85611	00711	88634				952	97031	02	/	/		-13	
Valentia	953	80507	80032	09005	85611	01707	88636			953	10509	80020	07203	15600	52711	81636				95							

Code FM 21.A		OCEAN WEATHER STATION REPORTS at 00h.												OCEAN WEATHER STATION REPORTS at 06h.											
O.W.S.	YQL _a L _a L _a	L _o L _o GG	Nddff	VVwwW	PPPTT	N _h L _h C _M H	D _s V _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _s T _s d _d	Id _w d _w P _w H _w	Id _w d _w P _w H _w	O.W.S.	YQL _a L _a L _a	L _o L _o GG	Nddff	VVwwW	PPPTT	N _h L _h C _M H	D _s V _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _s T _s d _d	Id _w d _w P _w H _w	Id _w d _w P _w H _w
A	40619	33300	10725	98021	16607	15600	81217	81645	////	00105	10749	19961	A	40618	33206	40928	98021	15907	45600	31809	84640	////	00105	10949	16362
B	40565	51000	81448	97022	80003	85511	00264	88620	////	05151	11916	15985	B	40565	51006	81423	97022	90003	85511	00041	88630	////	05152	11447	11058
C	40528	35500	82916	98022	86607	85511	00205	88620	////	00103	12921	13234	C	40528	35506	32714	98158	89407	31500	00220	83820	////	00101	12822	11111
D	40440	41000	22720	97258	96209	12571	82400	82820	////	06702	12634	19911	D	40440	41006	32936	97808	97709	32500	00115	83820	////	06801	12728	11111
I	40590	19100	30925	70011	16107	38400	31106	83915	////	05503	11048	11746	I	40589	18706	41028	70030	11107	49400	00612	82915	////	05504	11048	11746
J	40526	19900	51136	65018	97610	58400	31219	82810	84630	05107	16142	11111	J	40526	19706	81134	60028	96009	88511	31809	88630	88630	05307	11049	11111
K	40452	15600	12822	98016	94912	15600	00117	81645	////	05309	12734	12345	K	40451	15506	12816	98020	94911	15600	61001	81645	////	05408	12844	12445
M	43658	01900	33542	70268	01800	39400	00103	////	////	06457	13563	11111	M	43656	01906	73646	46858	02851	79411	00230	////	////	06755	18666	11111

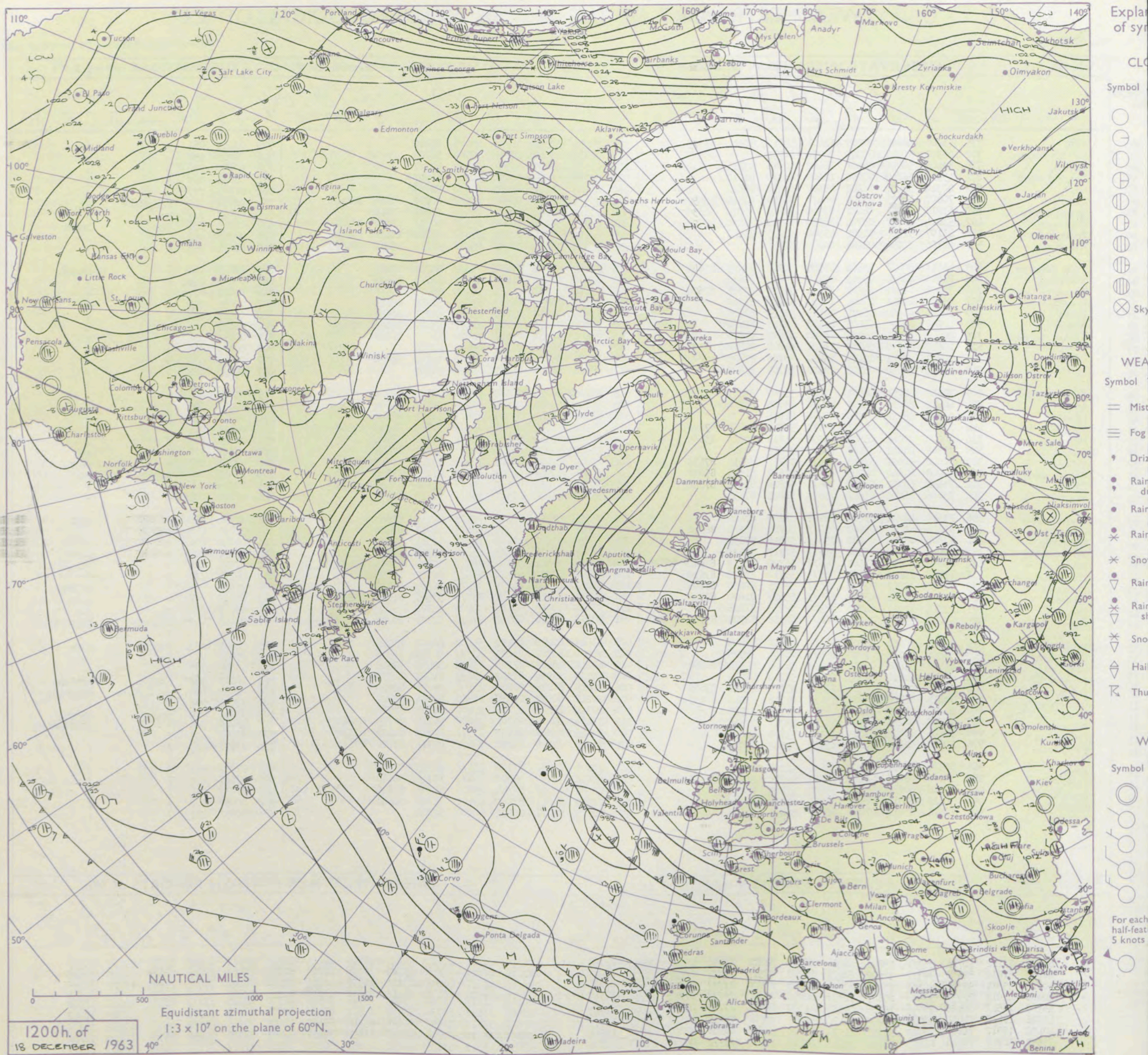
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37282

Date of Issue Thursday 19 December 1963

Code FM II.A		OBSERVATIONS at 12h. 18 December 1963										OBSERVATIONS at 18h. 18 December 1963										OBSERVATIONS during DAY											
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T _x E	SSS	WEATHER	
																																09h.—15h.	15h.—21h.
Kew	775	33309	56051	04603	11401	52812	81812	83075		775	03204	48050	01901	00900	51706				775	00043	051	+										1f	
London Airport	772	03307	50011	05003	00900	50712				772	02904	40040	02201	00900	51708				772	00041	050	+										+	
Gatwick	776	33406	50051	04501	36400	50815	83711			776	03301	40050	02151	00900	52707				776	00033	034	+										+	
Thorney Island	871	13511	66020	05002	16400	50710	81710			871	03204	40050	02650	00900	51607				871	00033	069	+										+	
Hurn	862	40312	58030	06202	45400	51802	84612			862	03605	50100	03252	00900	52707				862	00033	///	+										+	
Guernsey	894	70807	50018	03305	68477	01810	84810	86650		894	70511	78028	00905	78431	00707	83815	86635		894	02051	001	r _o r _o phoro									pr _o		
Wattisham	590	63211	56051	04001	68500	51809	81820	86630		590	73111	37051	00900	75611	51714	87644			590	00023	///	+										+	
Gorleston	497	53614	60058	03704	38530	01809	81820	83628		497	82707	58278	00302	88511	50713	83820	88626		497	01043	035	pr _o									pr _o ph _o		
Mildenhall	578	43107	32050	04301	45600	50713	83640			578	83106	37051	01301	85611	51712	81630	88649		578	00023	052	+										+	
Cardington	559	03106	32050	05102	00900	50811				559	83004	32051	02002	85611	51812	85632	88657		559	00031	055	+										+	
West Raynham	485	43511	80038	03604	48500	51710	82825	83645		485	73012	58028	00601	75611	53711	87640			485	97043	042	+										ph _o ps _o	
Wittering	462	23210	48030	05202	25600	00814	82630			462	63008	48011	01801	65611	52716	86640			462	00033	029	+										+	
Boscombe Down	746	70205	62022	06501	75511	51810	82708	87620		746	03604	40051	04551	00900	52706				746	00021	017	+										+	
Ross-on-Wye	627	13402	48051	06001	16500	51816	81720			627	83502	08051	03200	85511	51709	88625			627	00031	051	+										+	
Bristol	628	70210	40052	06001	75511	51813	87620			628	13505	37050	03100	15600	53711	81645			628	00031	032	+										+	
Aberporth	502	10708	66020	07002	11500	52813	81820			502	70000	74031	04202	78511	53610	81820	87647		502	00031	067	+										+	
Rhoose (Cardiff)	715	20609	56041	06502	28500	51807	82820			715	23606	61030	03651	28500	53710	81820			715	00033	028	+										+	
Plymouth	827	10617	62020	04803	11600	51808	81830			827	00307	56040	02701	00900	52806				827	00033	044	+										+	
Chivenor	707	70607	58021	05903	75511	50708	87625			707	10902	56021	03500	11500	52610	81820			707	00053	029	+										+	
St. Mawgan	817	10811	58050	04703	12500	52709	81820			817	00606	56010	03151	00900	53507				817	00033	064	+										+	
Culdrose	809	30612	62051	04503	35600	51707	83635			809	20408	56052	02400	25500	52704	82625			809	00040	036	+										+	
Scilly	804	40814	58031	04405	42500	03805	84824			804	50813	58021	01404	52500	00707	85824			804	00060	050	+										+	
Elmdon	534	03304	08424	06400	00900	51815				534	63306	18041	03000	65611	53713	86640			534	00031	022	ff										+	
Shawbury	414	73504	28041	06801	78511	52714	81825	87640		414	73206	23042	03501	75611	52715	82635	87647		414	00021	015	+										+	
Manchester	334	40000	09044	06501	45500	51815	82625	83635		334	82904	26044	03101	85611	54712	88640			334	00021	006	f										+	
Squires Gate	318	70205	24041	07102	75611	50815	87645			318	83509	30042	03103	85611	51717	88649			318	00041	000	+										+	
Valley	302	70000	74021	07503	78411	00713	82818	87635		302	70000	82022	04101	78411	52716	81818	87645		302	97041	007	+										pr _o s _o	
Ronaldsway	204	60208	62040	08203	68511	51812	81825	85637		204	60205	69028	04203	68511	01717	81825	86640		204	97045	018	ps _o										ps _o	
Carlisle	222	73406	69032	08002	75611	52818	83638	87645		222	83512	61032	04502	85611	54508	83635	88647		222	00023	000	+										+	
Watnall	354	73606	14041	05601	75611	51815	87635			354	83207	56021	02301	85611	54613	88635			354	00023	004	+										+	
Spurn Head	396	73310	48032	03203	75511	01728	87620			396	73016	57022	99602	70971	52717	87360			396	01051	018	+										s _o s _o	
Finningley	360	63314	44046	05603	65611	50714	81630	86640		360	83011	37042	01302	85611	54717	88648			360	97041	005	ir _o										+	
Dishforth	261	73308	63022	05802	75611	51816	87630			261	73010	63022	01402	75611	53614	87638			261	00021	004	+										+	
Tynemouth	262	82915	58022	05502	85611	52717	88635			262	83215	58268	01601	85611	51714	88635			262	97031	000	+										ps _o ph _o	
Eskdalemuir	162	83006	80032																														

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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7 or more
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Wind
speed
(knots)

Calm

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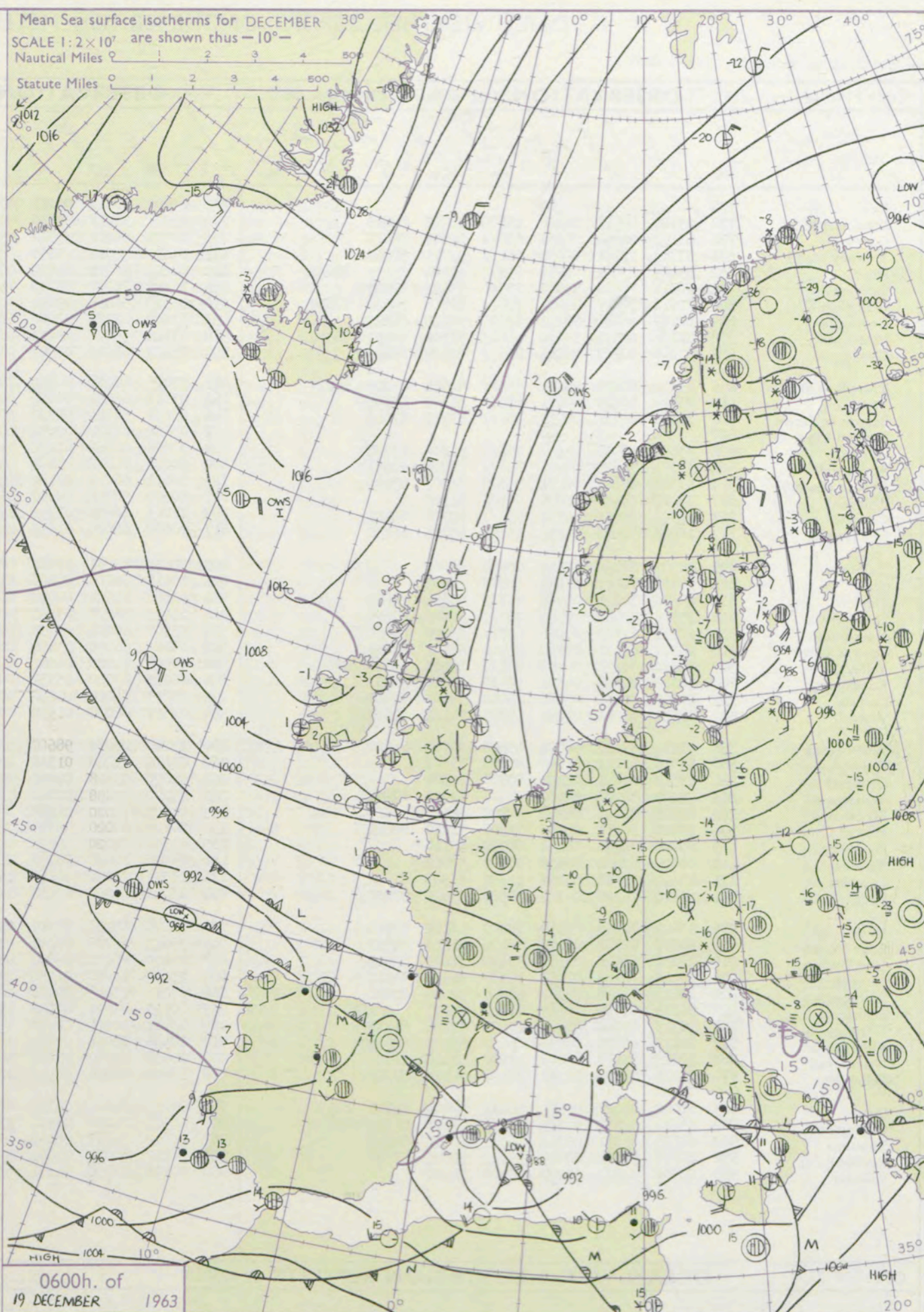
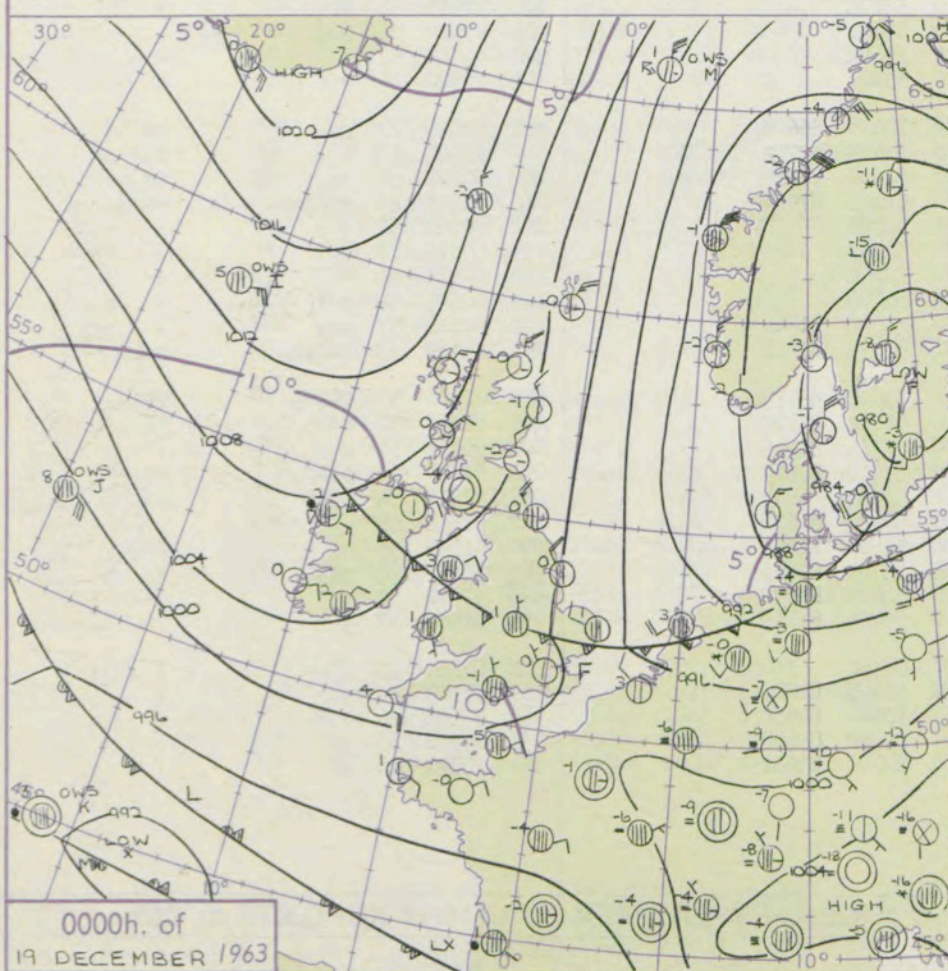
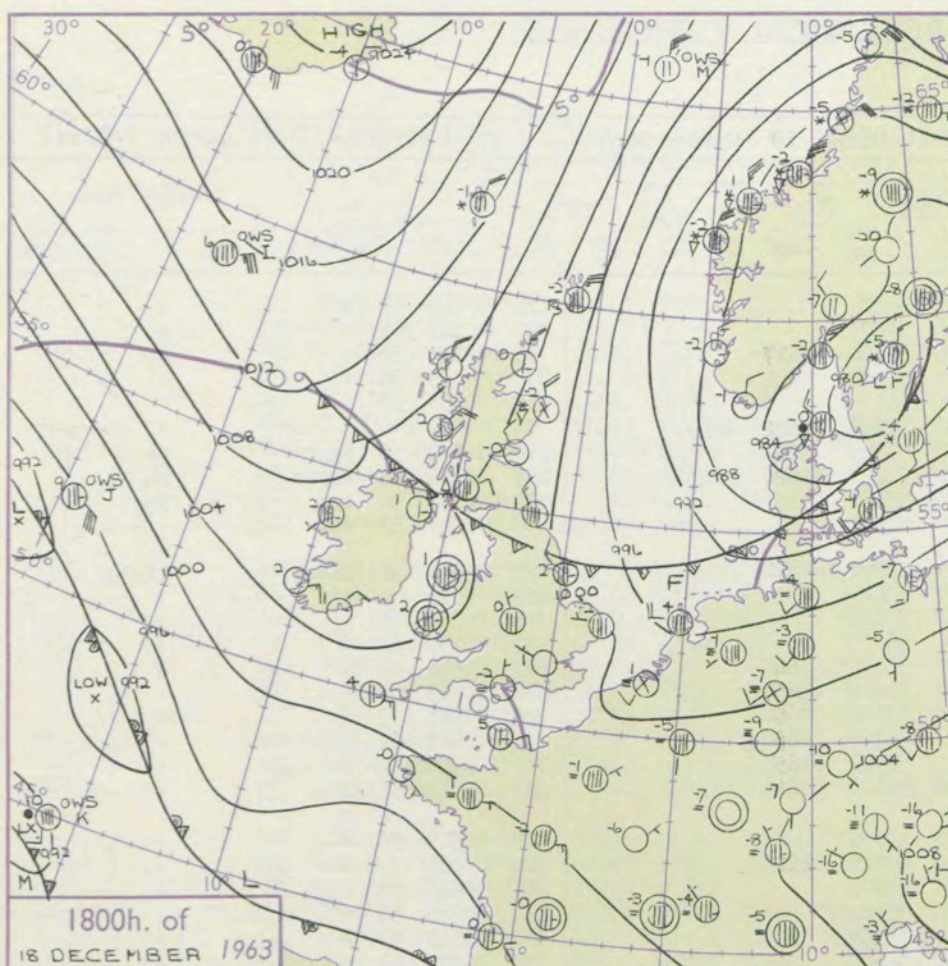
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additional
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48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 19 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The ridge of high pressure which was over the British Isles yesterday has moved very little but has declined in intensity. It is expected to persist at least until tomorrow with little further change in pressure. The deep depression which moved southeast across Scandinavia yesterday is now moving eastwards across the Baltic with some slackening of the cold northerly winds across the North Sea and Scotland.

Frequent snow showers are expected over eastern districts of Scotland and England and falls may be moderate or heavy over high ground north of the Wash. Elsewhere it will be mainly dry with a good deal of sunshine but scattered light snow showers may occur. It will continue cold with moderate frost.

OUTLOOK for the following 24 hours.

Continuing very cold with further snow, mainly in the east and north.

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

Code FM II.A	OBSERVATIONS at 00h. 19 December 1963									OBSERVATIONS at 06h. 19 December 1963									OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n E	T _g T _g	WEATHER		°C
																						21h.—03h.	03h.—09h.	
Kew	775			01						775	03604	70020	00051	00900	54204				775	00513	57	+	+	40
London Airport	772	23107	48011	00400	25600	52706	82645			772	03506	58011	00150	00900	53203				772	00523	55	+	+	39
Gatwick	776	63101	24051	00551	65611	52606	86647			776	10108	66011	99850	15400	53500	81617			776	00533	59	+	+	38
Thorney Island	871	83303	13101	00851	85611	52711	88645			871	03512	58011	99750	00900	53706				871	00533	59	+	+	37
Hurn	862	83405	23041	02051	85611	51604	85639	88647		862	00207	58011	01252	00900	54705				862	00553	58	+	+	36
Guernsey	894	20310	78020	99803	25500	53605	82622			894	70310	78031	98703	75511	51706	84622	87650		894	00021	00	+	+	35
Wattisham	590	72911	50227	99051	75611	52808	82630	87650		590	03310	56018	99052	00900	53503				590	92535	56	ps _o ps	ps	34
Gorleston	497	62909	48268	98201	63500	00605	86920			497	63208	62278	97400	68500	52201	82820	84630		497	03517	54	ss _o rs	ph _o ps	33
Mildenhall	578	83108	40227	99600	35621	51706	83631	88550		578	03106	59021	99853	00900	53400				578	91536	56	is _o	ps _o	32
Cardington	559	83206	40227	00201	85611	53709	88648			559	03403	61027	00552	00900	54302				559	97533	59	is _o	+	31
West Raynham	485	83314	58038	99001	85511	51605	83712	88629		485	73013	62038	98851	78511	53201	82822	87631		485	95528	55	psps _o	ps _o ph _o	30
Wittering	462	83414	58027	00601	85611	51602	88644			462	03311	66021	00852	00900	53400				462	97523	55	is _o	+	29
Boscombe Down	746	73403	48051	02251	75611	53711	87642			746	03609	58051	01752	00900	55100				746	00543	56	+	+	28
Ross-on-Wye	627									627	03602	66021	02252	00900	56303				627	00533	60	+	+	27
Bristol	628	73602	48052	01400	75611	54709	87637			628	33608	40051	01452	35600	55304	83640			628	00533	56	+	+	26
Aberporth	502	81304	74022	02501	85811	55704	88657			502	50611	74012	03001	55800	54206	85657			502	00513	55	+	+	25
Rhoose (Cardiff)	715	53303	66011	02051	55700	53807	85650			715	30411	66011	02151	35700	54304	83650			715	00543	57	+	+	24
Plymouth	827	00410	58020	02001	00900	51503				827	60507	58011	00850	65711	53706	86650			827	00513	57	+	+	23
Chivenor	707	80000	48021	02150	85611	52708	88645			707	11003	66021	01552	15800	54501	81657			707	00523	58	+	+	22
St. Mawgan	817	10808	59010	02251	15600	53705	81630			817	20607	66020	01053	25600	56604	82640			817	00543	56	+	+	21
Culdrose	809	00509	68050	01651	00900	54803				809	00613	72050	99951	00900	55706				809	00523	56	+	+	20
Scilly	804	00918	74021	01004	00900	54603				804	10818	82010	00003	11500	53602	81820			804	00021	11	+	+	19
Elmdon	534	83506	38041	01601	85711	53604	88656			534	03506	74021	02053	00900	55201				534	00543	57	+	+	18
Shawbury	414	73308	32042	02500	75711	52500	87656			414	03415	56021	03253	00900	55001				414	00533	57	+	+	17
Manchester	334	60111	61022	02200	65711	53400	86650			334	03507	66021	03053	00900	55101				334	00543	57	+	+	16
Squires Gate	318	20311	62011	03250	25700	56107	82656			318	00103	66020	03854	00900	56400				318	00573	61	+	+	15
Valley	302	80510	74258	03303	88511	52301	84824	88640		302	00308	74028	04501	00900	53205				302	97513	54	prps	+	14
Ronaldsway	204	40312	80018	04501	40830	51210	84357			204	00215	83020	05351	00900	56501				204	97530	55	ps _o	+	13
Carlisle	222	20000	74031	05053	25600	55202	82640			222	03003	74020	05254	00900	55400				222	00543	57	+	+	12
Watnall	354	13511	61011	01351	15700	54101	81650			354	03517	66020	01552	00900	55301				354	00523	54	+	+	11
Spurn Head	396	43218	59268	98600	45500	50705	84620			396	53220	59038	98600	55500	52400	85620			396	02516	11	ps	ps	10
Finningley	360	03316	61011	01050	00900	53003				360	53416	64268	01351	48500	53103	82712	83826		360	97523	55	+	ps _o	9
Dishforth	261	03311	69011	02151	00900	55304				261	83210	09868	02252	89411	53500	86916	88645		261	04527	54	ps _o	ps _o psff	8
Tynemouth	262	73225	32267	01900	73511	52305	87920			262	73222	32858	02000	73511	51205	87920			262	03515	53	ph _o ps _o	psps _o	7
Eskdalemuir	162	03605	74021	04954	00900	58603				162	00205	74020	05453	00900	56303				162	00545	59	+	+	6
Mull of Galloway	131	20820	80011	05902	21500	51210	82825			131	00115	80020	06350	00900	52203				131	00513	11	1	1	5
Prestwick	135	00000	74028	06454	00900	57110				135	03306	82020	06554	00900	58704				135	00575	64	+	+	4
Renfrew	141	00000	62021	06552	00900	57002				141	03308	74020	06352	00900	56704				141	00555	59	+	+	3
Leuchars	171	13412	74268	04452	12400	53303	81818			171	13311	74028	04651	12400	54302	81818			171	97535	57	ps _o	+	2
Dyce	091	23314	74278	03351	28500	53803	82820			091	13211	66268	03451	12500	53604	81825			091	03539	55	ps _o ph _o	ps _o ph _o	1
Wick	075	13																						

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

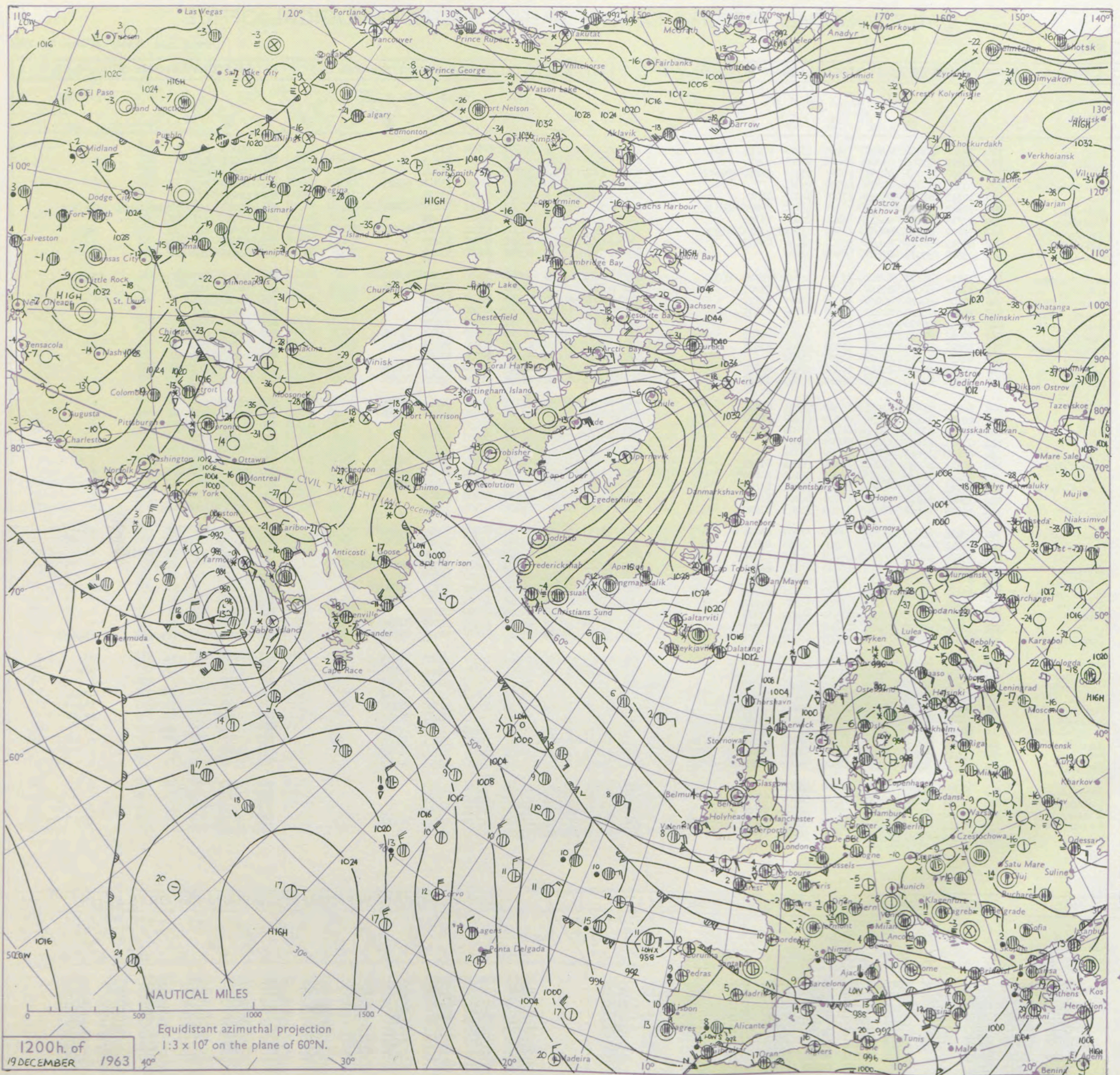
No. 37283

Date of Issue Friday 20 December 1963

VERSION
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Code FM 11.A		OBSERVATIONS at 12h.								19 December 1963								OBSERVATIONS at 18h.								December 1963								OBSERVATIONS during DAY			
Station		iii	Nddff	VVwwW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T x E	SSS	WEATHER													
																								09h.—15h.	15h.—21h.												
Kew	775	70310	56051	00900	72400	53001	83812	84612			775	00311	58051	02500	00900	53212					775	00023	029	+	+												
London Airport	772	63607	58011	01200	65411	53000	86614				772	00111	50011	02850	00900	52213					772	00023	033	+	+												
Gatwick	776	70107	50041	00951	75411	53003	85711	86617			776	03604	28041	02151	00900	53214					776	00013	011	+	+												
Thorney Island	871	00315	56050	00800	00900	54801					871	10409	58050	02350	15500	53317	81625				871	00013	065	+	+												
Hurn	862	10313	61030	01601	11400	54001	81817				862	00305	56040	02752	00900	53215					862	00013	111	+	+												
Guernsey	894	70312	70028	98303	78511	53802	86635				894	70517	72268	99403	78511	54210	83820	86642			894	92041	000	phoprosoiso	proso												
Wattisham	590	53315	48028	00451	56200	52004	85703				590	03410	50011	02052	00900	53109					590	97035	111	ps ₀	+												
Gorleston	497	33612	62013	99604	39500	55107	83820	81925			497	23311	56051	01701	23500	52107	82927				497	97046	042	+	ps ₀												
Mildenhall	578	63305	56038	01400	56302	52106	85708				578	03106	37108	02652	00900	53109					578	97015	023	ps ₀	+												
Cardington	559	03510	59010	01601	00900	53000					559	03402	58020	03551	00900	53214					559	00013	048	+	+												
West Raynham	485	73411	28878	00901	79311	51108	82707	86912			485	13108	40278	02000	12500	51109	81820				485	01029	049	ph ₀ ph	ph ₀ ps ₀												
Wittering	462	13313	58011	02150	16200	53001	81705				462	13311	32040	03851	16300	53314	81706				462	00013	062	+	+												
Boscombe Down	746	10209	62020	02050	11500	53001	81820				746	00207	40050	03551	00900	52212					746	00013	059	+	+												
Ross-on-Wye	627	10207	63020	02800	18500	54706	81825				627	02702	48050	05051	00900	55221					627	00013	061	+	+												
Bristol	628	00213	58050	02550	00900	53002					628	00107	56050	03951	00900	54215					628	00013	055	+	+												
Aberporth	502	10412	80021	04101	11500	54803	81825				502	10611	82010	05401	11500	53711	81825				502	00021	067	+	+												
Rhoose (Cardiff)	715	10509	69020	02401	11500	55502	81825				715	10411	61020	04251	11500	54113	81825				715	00023	068	+	+												
Plymouth	827	00416	73021	01502	00900	51802					827	00313	58040	02500	00900	53212					827	00023	057	+	+												
Chivenor	707	10609	66020	02803	12500	57101	81820				707	10605	62010	03900	12500	53113	81820				707	00043	068	+	+												
St. Mawgan	817	10411	61020	02200	12500	53003	81825				817	10413	66020	03351	11500	53215	81828				817	00013	069	+	+												
Culdrose	809	10618	61050	01001	18500	54001	81825				809	20516	66050	02151	22500	54314	82825				809	00023	071	+	+												
Scilly	804	20717	74020	00404	21500	54207	82820				804	40623	81011	01304	41400	54209	84815				804	00040	064	+	+												
Elmdon	534	43205	23040	03051	26400	53208	82712				534	03307	14040	04453	00900	55210					534	00003	040	+	+												
Shawbury	414	03311	50040	04551	00900	54001					414	03410	37040	05552	00900	53312					414	00003	053	+	+												
Manchester	334	00000	19040	04051	00900	55102					334	03406	21041	05452	00900	55211					334	00013	044	+	+												
Squires Gate	318	10111	60020	04701	11500	54001	81822				318	10202	14048	05952	11500	55210	81822				318	00013	054	+	+												
Valley	302	40207	80030	05903	42500	54102	84820				302	10110	82020	06500	12500	51206	81820				302	97043	050	ps ₀	+												
Ronaldsway	204	10215	89020	06101	12500	55101	81828				204	10112	82020	06751	11500	55204	81822				204	00023	063	+	+												
Carlisle	222	12606	62020	06250	12500	54101	81822				222	00000	88020	06953	00900	54208					222	00023	061	+	+												
Watnall	354	13609	40028	02900	11500	53005	81820				354	03607	28040	04452	00900	55208					354	97013	039	ps ₀	+												
Spurn Head	396	63415	63028	01101	69500	51207	86920				396	43220	48868	01900	49500	50206	84920				396	01027	020	ps	ps												
Funningley	360	33418	62028	02901	32400	53010	83815				360	13314	58011	01400	15600	54207	81630				360	97023	025	ps ₀	+												
Dishforth	261	23509	62268	03952	29500	54002	81920				261	03212	62011	04252	00900	55206					261	01507	041	ps ₀ psps ₀ s ₀	+												
Tynemouth	262	43215	10718	03951	49600	52212	84930				262	42912	58027	04101	29570	52209	82925	84358			262	03016	025	ps ₀ ss	+												
Eskdalemuir	162	03509	70020	05550	00900	57805					162	00604	62020	06553	00900	58108					162</																

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



1200h. of
19 DECEMBER 1963

Equidistant azimuthal projection
1:3 x 10⁷ on the plane of 60°N.

NAUTICAL MILES

0 500 1000 1500

40°

30°

20°

10°

0°

10°

20°

30°

Explains of symbols

CLOUDS

Symbol

WEATHER SYMBOLS

Symbol

For each half-foot 5 knots

CHARTS OF WEATHER IN WEST EUROPE

ation
mbols

UD
Cloud
Amount
(oktas)

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

Obscured

W
Weather

zle
and
fizzle

and snow

W
shower

and snow
ower

W
shower

shower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

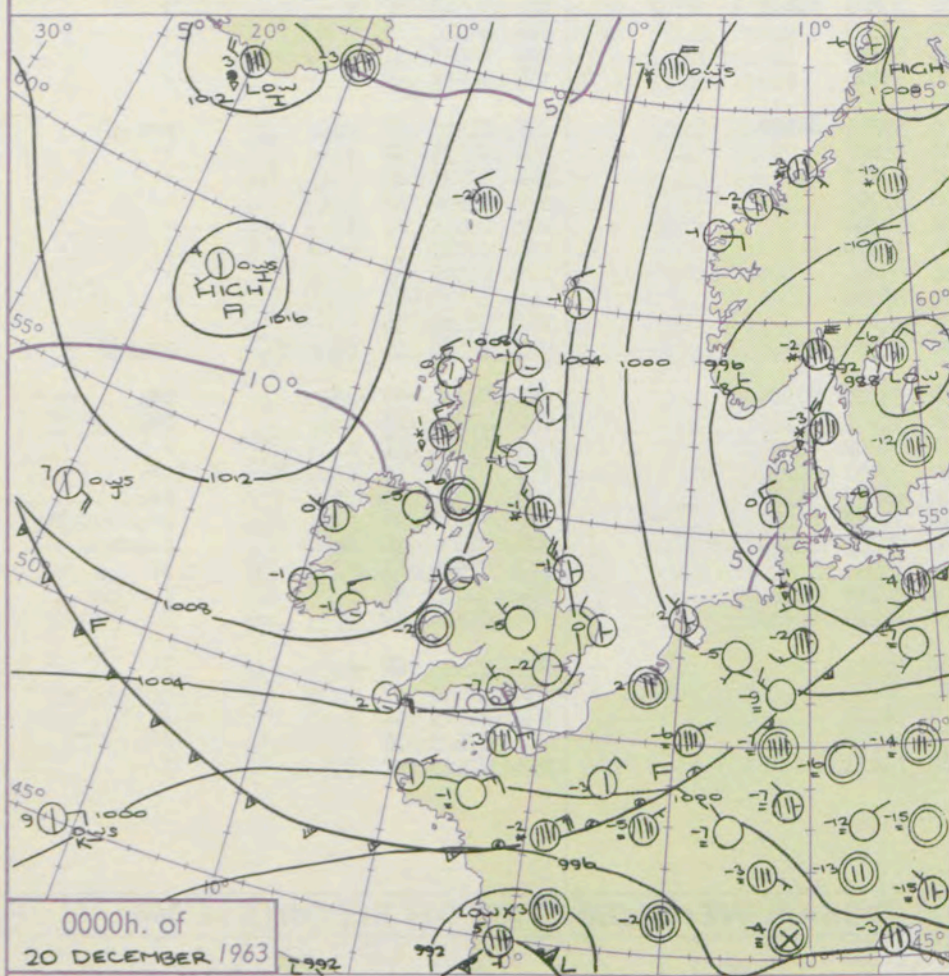
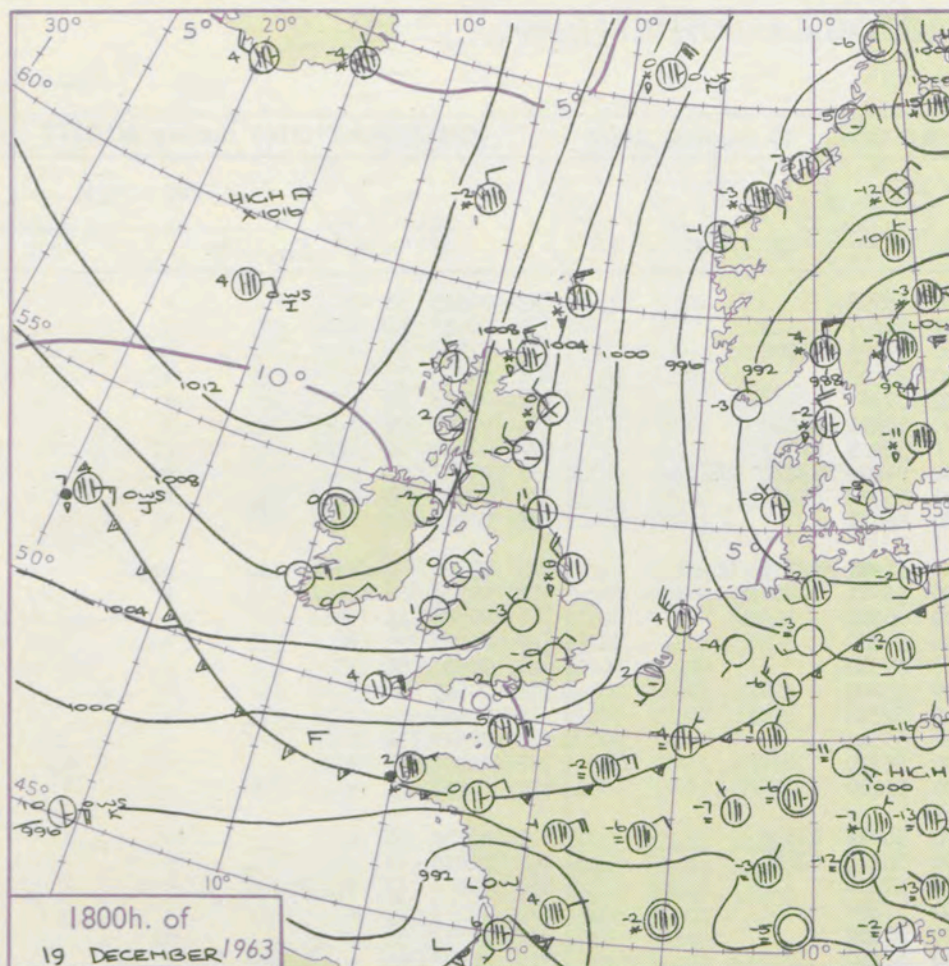
3-7

8-12

13-17

Additional
per add

48-52



GENERAL SYNOPTIC DEVELOPMENT

The ridge of high pressure which yesterday extended from Iceland to northern France has given way in the north as a small depression, developing near Iceland, has moved slowly southeast. The depression will continue to move southeastwards towards northeast Scotland, combining with a trough of low pressure extending southwards from a deep slow moving depression over the Norwegian Sea, while the ridge over southern and southwestern parts of the British Isles will continue to move slowly southwards.

Issued at midday

Friday 20 December

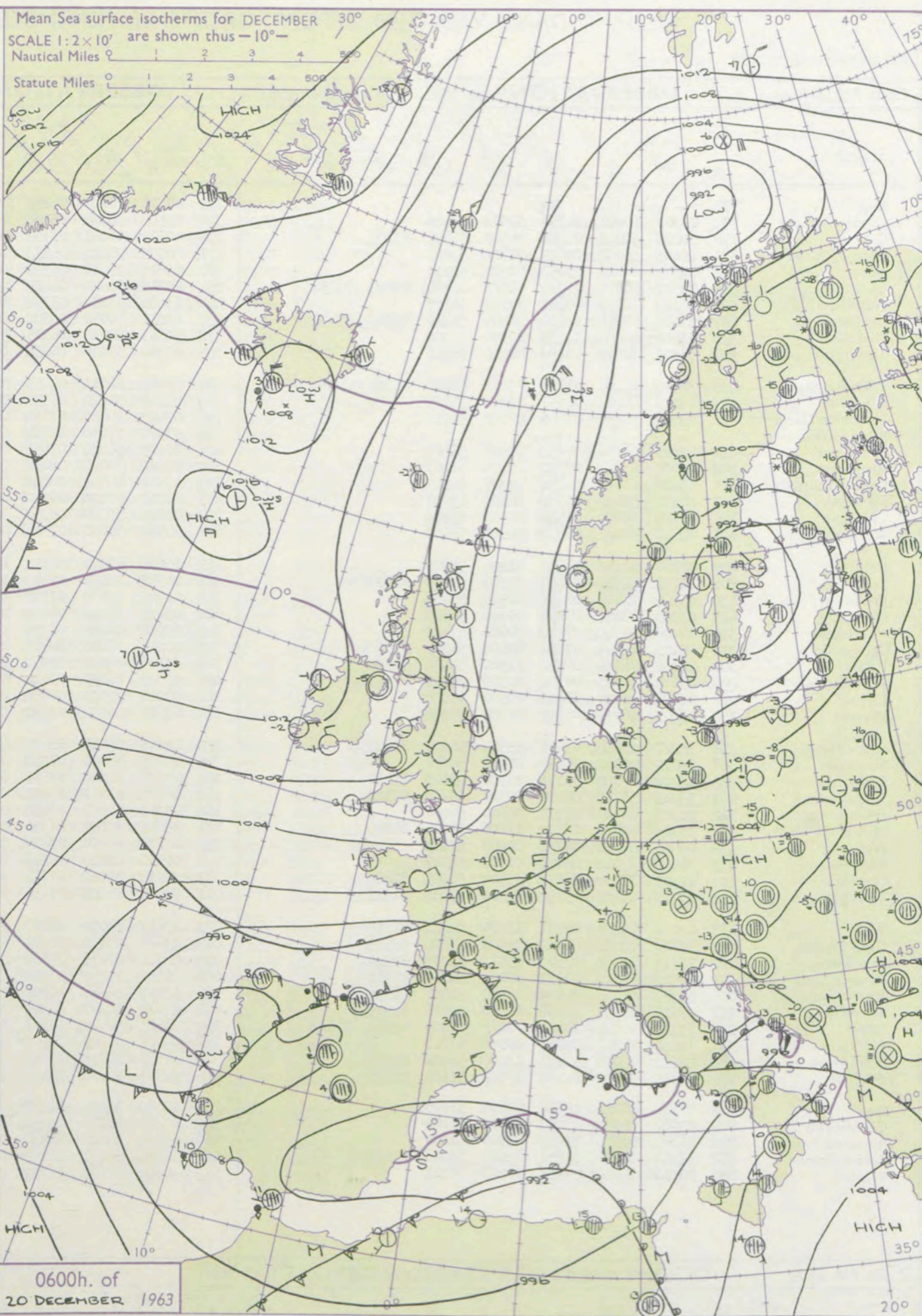
1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Apart from snow showers, chiefly on exposed coasts, most places will be dry, with long sunny periods by day. Cloudy weather with more frequent snow showers and probably a period of continuous snow will reach north and west Scotland tonight and spread slowly south to much of Scotland. It will continue cold or very cold with moderate, and locally severe, frost.

OUTLOOK for following 24 hours

Continuing very cold. Further snow is likely in the north, but in the south it will be mostly dry.



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

Code FM II.A		OBSERVATIONS at 00h. 20 December 1963										OBSERVATIONS at 06h. 20 December 1963										OBSERVATIONS during NIGHT						CONV TA °C t
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _s Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _s Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR T _n E	T _g T _g	WEATHER						
																						21h.—03h.	03h.—09h.					
Kew	775			52						775	00510	70020	06252	00900	55206					775	00523	58	+	+	40			
London Airport	772	03302	50021	04752	00900	53109				772	03503	50010	05853	00900	54207					772	00553	59	+	+	39			
Gatwick	776	30206	48041	04051	36300	54108	83709			776	40111	56011	05352	46300	54205	84708				776	97553	59	+	+	38			
Thorney Island	871	00405	56050	04652	00900	53211				871	00202	28050	06253	00900	55308					871	00543	59	+	+	37			
Hurn	862	03505	28020	05057	00900	57210				862	03505	35040	06356	00900	57307					862	00573	61	+	+	36			
Guernsey	894	60317	60858	01702	685//	00208	83820	85650		894	20316	66028	04403	25600	53213	82630				894	02001	00	ps ₀	+	35			
Wattisham	590	03313	32051	03653	00900	54107				590	83410	03484	05352	861//	52209	88701				590	00535	56	ifff	ff	34			
Gorleston	497	33210	60268	03500	38500	51210	81820	83628		497	43211	58868	04500	48500	51206	83820	84625			497	01517	55	ps ₀	ps ₀	33			
Mildenhall	578	03106	48050	04253	00900	55206				578	52805	50011	06155	56300	56312	85706				578	00555	59	+	+	32			
Cardington	559	03305	58020	05152	00900	55210				559	03302	59020	06654	00900	55311					559	00563	60	+	+	31			
West Raynham	485	73012	37168	03851	731//	52208	84702	85910		485	53409	56011	05450	56200	51208	82703	84708			485	97529	54	ps ₀	ps ₀	30			
Wittering	462	03213	40020	04751	00900	55105				462	03309	58020	06752	00900	55311					462	00533	56	+	+	29			
Boscombe Down	746	03301	56050	05854	00900	56212				746	03403	50050	07154	00900	56208					746	00563	61	+	+	28			
Ross-on-Wye										627	01001	57020	07754	00900	57307					627	00553	61	+	+	27			
Bristol	628	03609	56050	06053	00900	56209				628	00405	56050	07454	00900	57310					628	00563	60	+	+	26			
Aberporth	502	00000	74020	07352	00900	54107				502	00000	74020	08852	00900	53209					502	00543	60	+	+	25			
Rhoose (Cardiff)	715	03006	61020	06454	00900	56215				715	03206	64040	08254	00900	57312					715	00563	60	+	+	24			
Plymouth	827	00412	58020	04950	00900	53208				827	00210	62020	06950	00900	55310					827	00513	56	+	+	23			
Chivenor	707	00000	58020	06554	00900	55212				707	00902	59020	08352	00900	55310					707	00573	61	+	+	22			
St. Mawgan	817	00612	58020	06052	00900	53109				817	00907	58020	07551	00900	55210					817	00533	56	+	+	21			
Culdrose	809	00708	60050	04652	00900	54209				809	10608	62050	06752	12500	54211	81820				809	00533	56	+	+	20			
Scilly	804	10722	74020	04002	11500	54213	81820			804	20718	74020	05903	21500	54213	82820				804	00020	//	+	+	19			
Elmdon	534	03205	17040	06255	00900	56208				534	02902	23050	07756	00900	57206					534	00573	61	+	+	18			
Shawbury	414	03305	23040	07556	00900	58208				414	03205	32040	08655	00900	57208					414	00573	61	+	+	17			
Manchester	334	00000	32040	07253	00900	57209				334	00000	26040	08355	00900	57210					334	00573	59	+	if	16			
Squires Gate	318	00105	14040	07351	00900	56207				318	00406	56040	08856	00900	58210					318	00573	62	+	+	15			
Valley	302	10302	74030	07851	11500	54204	81820			302	10305	80030	09252	15600	55209	81635				302	00543	56	+	+	14			
Ronaldsway	204	03510	82020	08152	00900	56105				204	00305	82020	09454	00900	57309					204	00573	59	+	+	13			
Carlisle	222	02406	58020	08455	00900	57208				222	00000	59020	09858	00900	59305					222	00593	61	+	+	12			
Watnall	354	03609	48020	05852	00900	55106				354	03608	56020	07252	00900	55210					354	00533	56	+	+	11			
Spurn Head	396	33227	32018	03651	35500	51209	83620			396	43018	48018	04651	43500	53701	84920				396	01527	//	ps ₀	ps ₀	10			
Finningley	360	03012	40041	05851	00900	54210				360	03009	56040	07252	00900	55207					360	00533	57	+	+	9			
Dishforth	261	13206	66020	06154	15700	57109	81650			261	03307	74020	07655	00900	57213					261	00577	61	+	+	8			
Tynemouth	262	73215	58717	06051	7052//	53211	87520			262	02915	61017	07253	00900	57205					262	92536	55	sc ₀ so	+	7			
Eskdalemuir	162	02101	66020	07953	00900	58206				162	00301	62020	09153	00900	57304					162	00555	61	+	+	6			
Mull of Galloway	131	10315	82020	08700	11600	51204	81830			131	03609	82020	10350	00900	52209					131	00511	//	/	/	5			
Prestwick	135	00000	66020	08756	00900	57205				135	01205	66020	09857	00900	59204					135	00585	62	+	+	4			
Renfrew	141	00000	59040	08653	00900	54107				141	00000	62020	09755	00900	57204					141	00575	60	+	+	3			
Leuchars	171	12912	87030	06551	15700	55205	81650			171	02913	89020	07751	00900	54204					171	00535	56	+	+	2			
Dyce	091	22816	74268	05651	19400	53102	81915			091	23015	66268	06651	29400	52206	82916				091	95539	55	ps ₀ psRS ₀	ps ₀ psph	1			
Wick	075	13210	74268	06051	19400	55801	81915			075	73617	58858	06700	794//	53104	87915				075	02536	55	ps ₀	ps ₀	0			
Cape Wrath	049	33610	83018	07703	33500	53206	83925			049	23608	83028	08202	23500	53205	82925				049	92516	53	ps ₀	ps ₀	— 1			
Sule Skerry	010	73313	74038	07503	735//	52203	87920			010	43318	81018	07302	49500	51702	84920				010	92015	51	/	/	— 2			
Lerwick	005	23512	74018	02951	29400	54000	82912			005	40112	74268	03752	49400	53303	84912				005	01537	55	ps ₀ ph ₀ so	ps ₀	— 3			
Stornoway	026	23313	80268	09900	29400	52501	82919			026	13609	82268	10201	19500	50203	81920				026	01556	58	ps ₀	ps ₀	— 4			
Benbecula	022	23618	82038	10500	29400	52801	82916			022	43418	74278	11302	49400	51102	84917				022	01536	58	ps ₀	ps ₀ ph ₀ proso	— 5			
Tiree	100	73313	66858	10101	794//	01205	83918	87643		100	33513	80028	10901	33400	51207	82918				100	01506	54	ph ₀ ps	ps ₀ proso	— 6			
Aldergrove	917	01206	74020	09755	00900	57701				917	00000	66020	11255	00900	56214					917	97575	61	+	if	— 7			
Malin Head	980	10112	82268	10103	13400	52302	81918			980	30311	83038	11503	33500	52310	83920				980	01015	51	/	/	— 8			
Belmullet	976	22905	74268	11500	23500	51108	82820			976	21901	74268	13151	23500	52210	82920				976	01536	59	/	/	— 9			
Birr	965	02601	80020	10756	00900	57105				965	02402	74020	12557	00900	57211					965	97593	62	/	/	— 10			
Collinstown	969	03209	80020	09053	00900	56102				969	03009	80020	10954	00900	56210					969	97553	57	/	/	— 11			
Rineanna	962	03305	82020	11156	00900	58209				962	03505	82020	12457	00900	58207					962	97583	61	/	/	— 12			
Roches Point	952	13514	80020	08851	15600	55311	81640			952	03510	80020	10751	00900	54210					952	97523	55	/	/	— 13			
Valentia	953	00710	82020	09951	00900	56211				953	00504	82020	11752	00900	54111					953	97523	57	/	/	— 14			
																									— 15			
																									— 16			
																									— 17			

OCEAN WEATHER STATION REPORTS at 00h.														OCEAN WEATHER STATION REPORTS at 06h.													
O.W.S.	YQL _a L _a L _a	L _o L _o L _o GG	Nddff	VVwwwW	PPPTT	N _h C _h C _M H	D _s v _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _s T _s T _s	Id _w d _w P _w H _w	Id _w d _w P _w H _w	O.W.S.	YQL _a L _a L _a	L _o L _o L _o GG	Nddff	VVwwwW	PPPTT	N _h C _h C _M H	D _s v _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _s T _s T _s	Id _w d _w P _w H _w	Id _w d _w P _w H _w		
A	60617	33000	01006	98021	12906	00900	00602	////	////	05203	11021	11468	A	60617	33506	10810	98020	12805	15600	00503	81635	////	05303	109/1	11467		
B	60565	51000	82714	97858	06102	855//	00005	88625	////	05652	12723	10655	B	60565	51006	30510	98011	99601	35500	00754	83620	////	05851	10654	1////		
C	60528	35500	42/15	98021	10605	45500	00210	84620	////	05600	12834	1////	C	60528	35506	12314	98020	12606	15500	00005	81620	////	05500	12533	1////		
D	60440	41000	71812	98021	16311	74600	00831	87635	////	06104	11822	149/6	D	60440	41006	81838	97602	04714	6742/	00866	86812	88558	05662	11835	12359		
I	60587	18000	22004	98038	16404	23500	72801	82925	////	05901	120/0	10258	I	60590	19006	32709	98030	16206	33500	00101	83925	////	05650	125/9	10258		
J	60526	20100	21019	65018	09907	28400	00119	81815	////	05702	11032	1////	J	60526	20406	40412	65030	13007	48400	00120	83815	////	05701	10432	1////		
K	60450	15900	20612	98010	04409	25600	00120	82630	////	05906	10532	1////	K	60450	15906	20418	99016	02310	15601	00207	81630	////	05705	10234	149/4		
M	63660	02000	80120	30868	02851	894//	00208	////	////	06754	10147	1////	M	63660	02006	60223	58858	04651	59400	21312	////	////	06555	10246	1////		

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37284

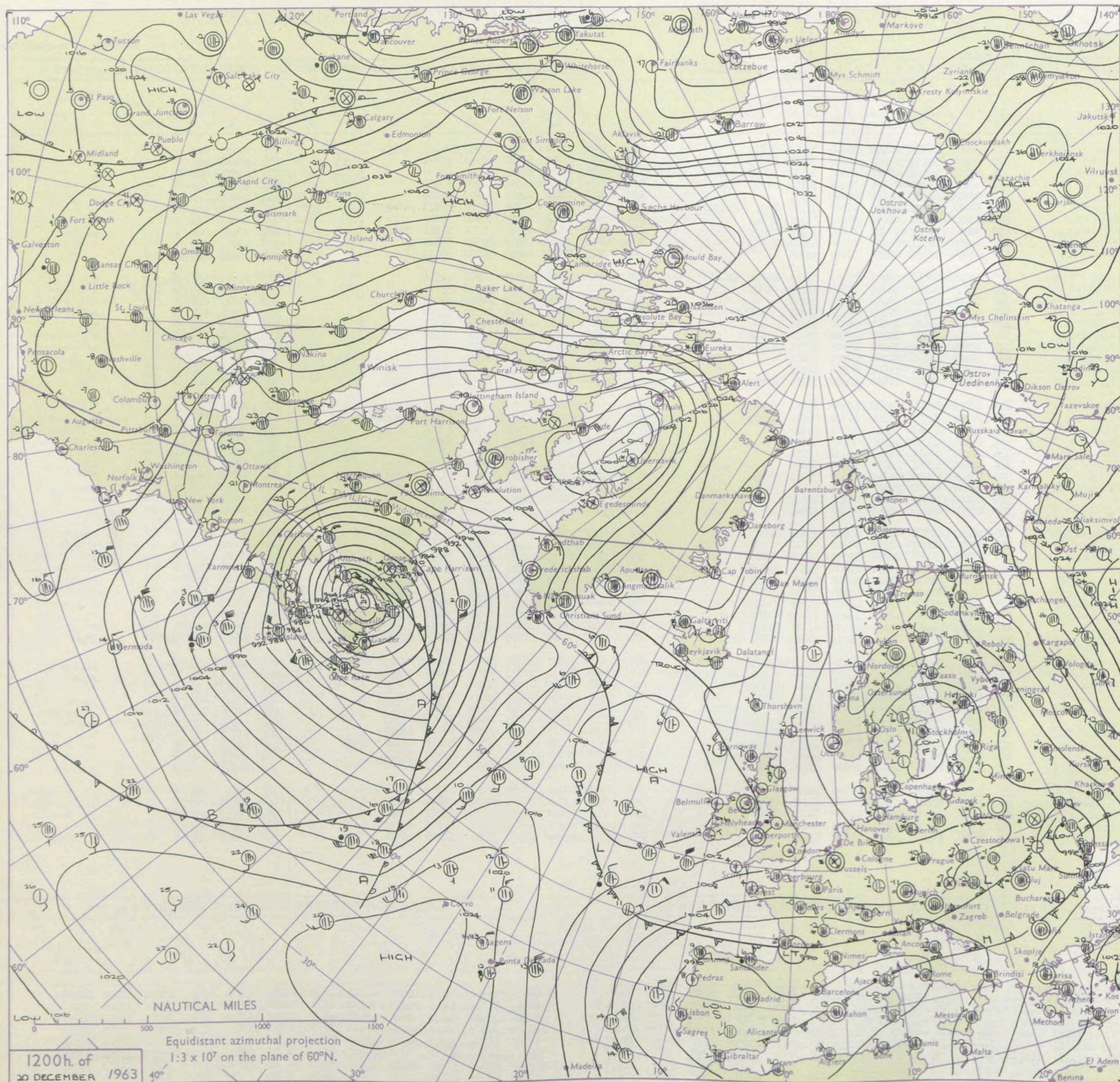
Date of Issue Saturday 21 December 1963

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Code FM 11.A												OBSERVATIONS at 12h. 20 December 1963												OBSERVATIONS at 18h. 20 December 1963												OBSERVATIONS during DAY					
Station												iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T × E	SSS	WEATHER							
																																				09h.—15h.		15h.—21h.			
Kew												775	30107	56051	08900	35400	53213	83615																							
London Airport												772	10106	37011	09001	15400	52211	81618																							
Gatwick												776	60105	17051	09151	65500	52113	85709	86625																						
Thorney Island												871	10206	48050	09100	16400	52112	81710																							
Hurn												862	00211	40050	09650	00900	53211																								
Guernsey												894	60111	70021	07804	62500	51212	81712	86825																						
Wattisham												590	83211	04464	08451	86011	51110	88701																							
Gorleston												497	32905	40058	07602	39600	00110	83930																							
Mildenhall												578	12904	40041	09051	15630	53210	81645																							
Cardington												559	03508	58050	09401	00900	53109																								
West Raynham												485	63309	56038	08101	65411	51214	85708	86615																						
Wittering												462	13312	62010	09301	15600	54209	81630																							
Boscombe Down												746	03405	37050	10450	00900	53216																								
Ross-on-Wye												627	03602	57020	09100	00900	53805																								
Bristol												628	00106	58050	10800	00900	55112																								
Aberporth												502	10000	75020	11803	12500	55210	81825																							
Rhose (Cardiff)												715	12804	56040	10901	15600	53211	81640																							
Plymouth												827	00209	66020	00303	00900	53114																								
Chivenor												707	00000	26050	11102	00900	54111																								
St. Mawgan												817	10212	69020	11102	12500	53216	81828																							
Culdrose												809	10610	81020	10002	12500	51212	81825																							
Scilly												804	20710	82020	09804	21500	51612	82820																							
Elmdon												534	03204	13044	10351	00900	54112																								
Shawbury												414	03004	40040	11200	00900	55208																								
Manchester												334	02201	07414	11253	00900	55212																								
Squires Gate												318	00404	19044	10851	00900	54209																								
Valley												302	13604	83020	11703	12500	56211	81820																							
Ronaldsway												204	13610	86020	12202	12500	53116	81825																							
Carlisle												222	00000	28040	11954	00900	56105																								
Watnall												354	03409	28040	09201	00900	55002																								
Spurn Head												396	23221	48010	07850	23500	53209	82920																							
Finningley												360	03312	20040	09702	00900	55110																								
Dishforth												261	13306	56040	09953	12500	55308	81820																							
Tynemouth												262	22815	48050	09551	29500	55208	82925																							
Eskdalemuir												162	13403	74030	11100	15740	52708	81656																							
Mull of Galloway												131	10203	82020	11803	13600	51220	81930																							
Prestwick												135	11103	17040	12052	18500	54108	81820																							
Renfrew												141	12905	37040	12001	15600	53209	81640																							
Leuchars												171	22711	89011	09601	19430	52107	81918																							
Dyce												091	42912	28858	09051	39403	52110	82705	83910																						
Wick												075	43310	66268	08600	39430	52207	83915																							
Cape Wrath												049	83205	83158	10103	83411	53208	84920	84630	84630																					
Sule Skerry												010	63418	82018	09604	48531	52210	83825	84630	86360																					
Lerwick												005	33515	56858	06052	39400	53211	83912																							
Stornoway												026	72807	74152	11801	78431	00108	83818	87635																						
Benbecula												022	42502	80258	12903	49400	01208	81917	83630																						
Tiree												100	73309	82158	13303	43432	01210	81712	83918																						
Aldergrove												917	10000	40044	14252	18500	53115	81820																							
Malin Head												980	43610	86031	14005	48500	52212	82822	84645																						
Belmullet												976	22904	80028	16102	23500	01116	82920																							
Birr												965	02302	80020	15651	00900	52215																								
Collinstown												969	13008	80020	13702	12500	51215	81825																							
Rineanna												962	13604	83030	15551	11500	52215	81820																							
Roches Point												962	13513	80020	13702	11500	53211	81822																							
Valentia												953	10506	85020	15602	11500	53217	81825																							

Code FM 21.A												OCEAN WEATHER STATION REPORTS at 12h.												OCEAN WEATHER STATION REPORTS at 18h.												
O.W.S.												YQL _a L _a L _a	L _o L _o L _o GG	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	D _s V _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OTTTT _d	Id _w d _w P _w H _w	Id _w d _w P _w H _w	O.W.S.	YQL _a L _a L _a	L _o L _o L _o GG	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	D _s V _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OTTTT _d	Id _w d _w P _w H _w	Id _w d _w P _w H _w
A	60617	33612	60817	98018	10406	68411	00815	81815	86630	05203	10833	11247				A	60618	33918	71025	96808	05306	78411	00729	85815	86640	05204	10936	11458								
B	60565	51012	81133	98038	89702	84511	00749	88625	11111	05553	11047	11111				B	60565	51018	80945	96618	76702	77321	00768	87706	11111	05502	15841	11111								
C	60528	35512	61416	98031	08507	22506	00520	82820	86011	05102	11333	11111				C	60528	35518	81642	97618	97607	67421	00758	86820	88545	00005	11337	11111								
D	60440	41012	62030	97216	99917	68400	00301	82812	86656	00315	12035	16754				D	60440	41018	62528	98152	06414	32570	00227	83820	83357	05108	12825	12359								
I	60590	18912	53014	97261	17106	58500	00107	83825																												

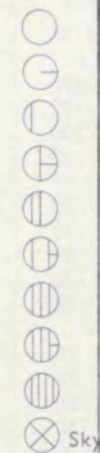
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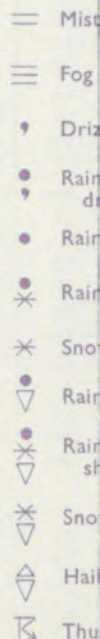
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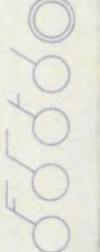


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Symbol



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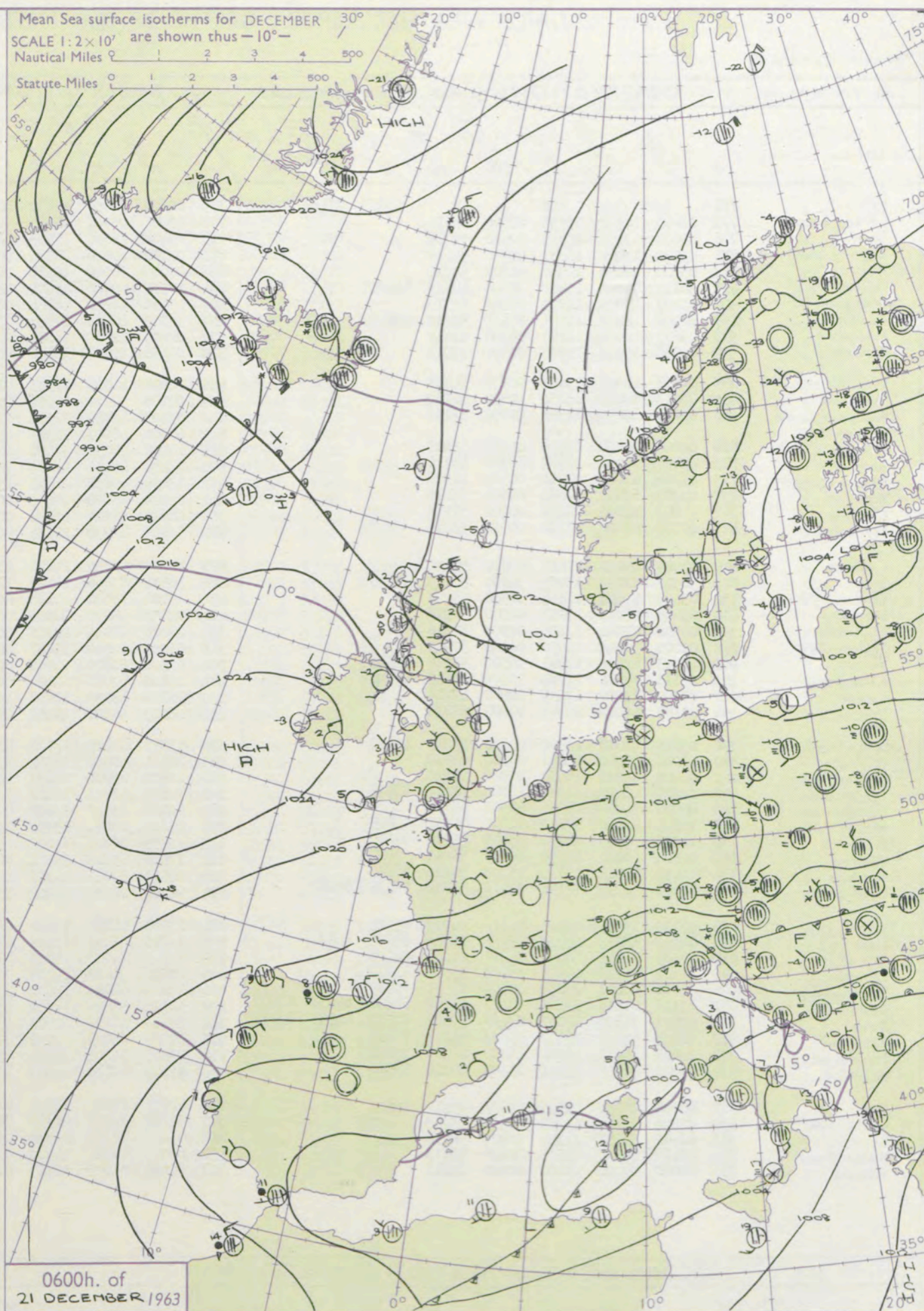
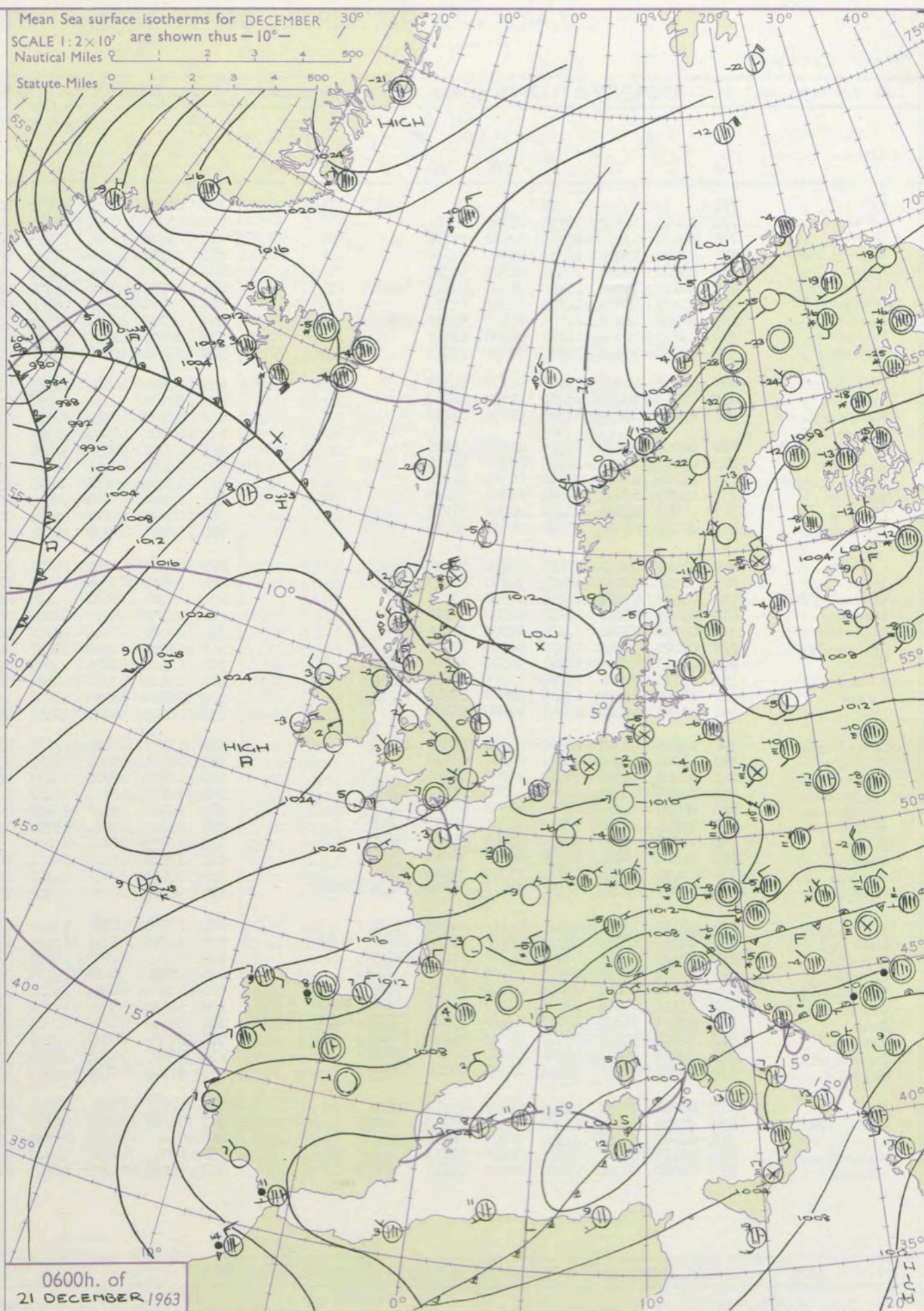
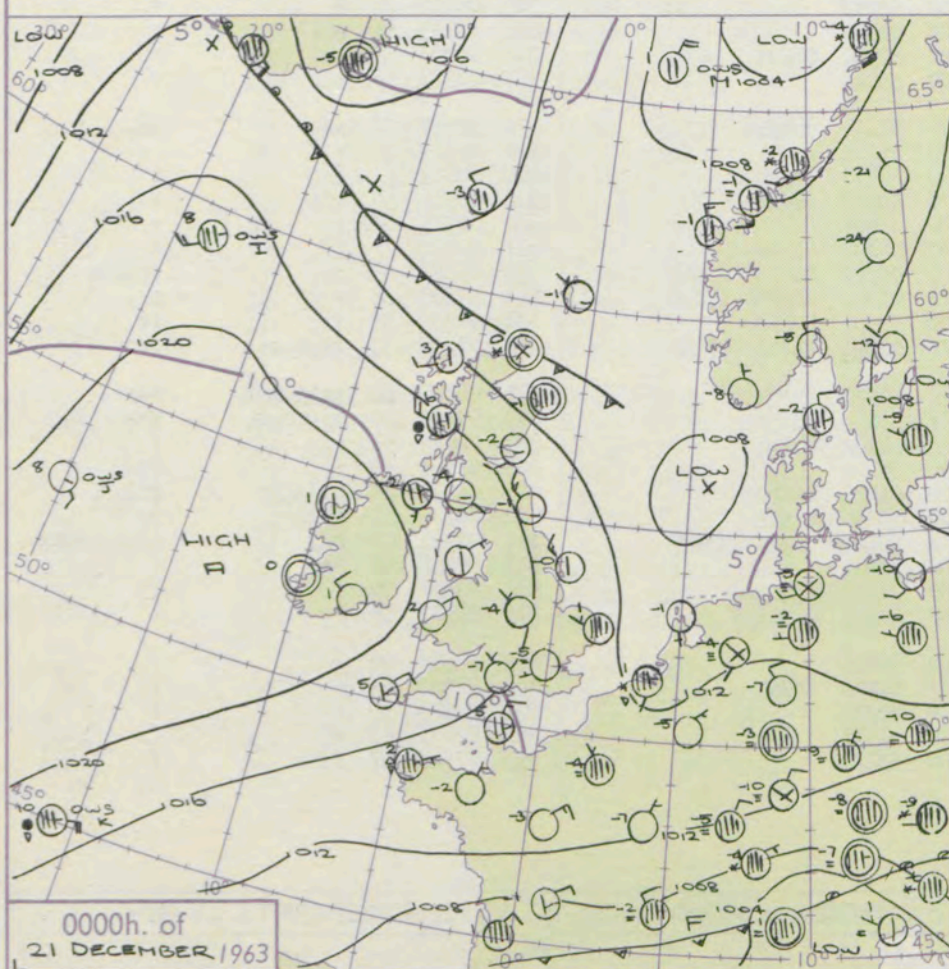
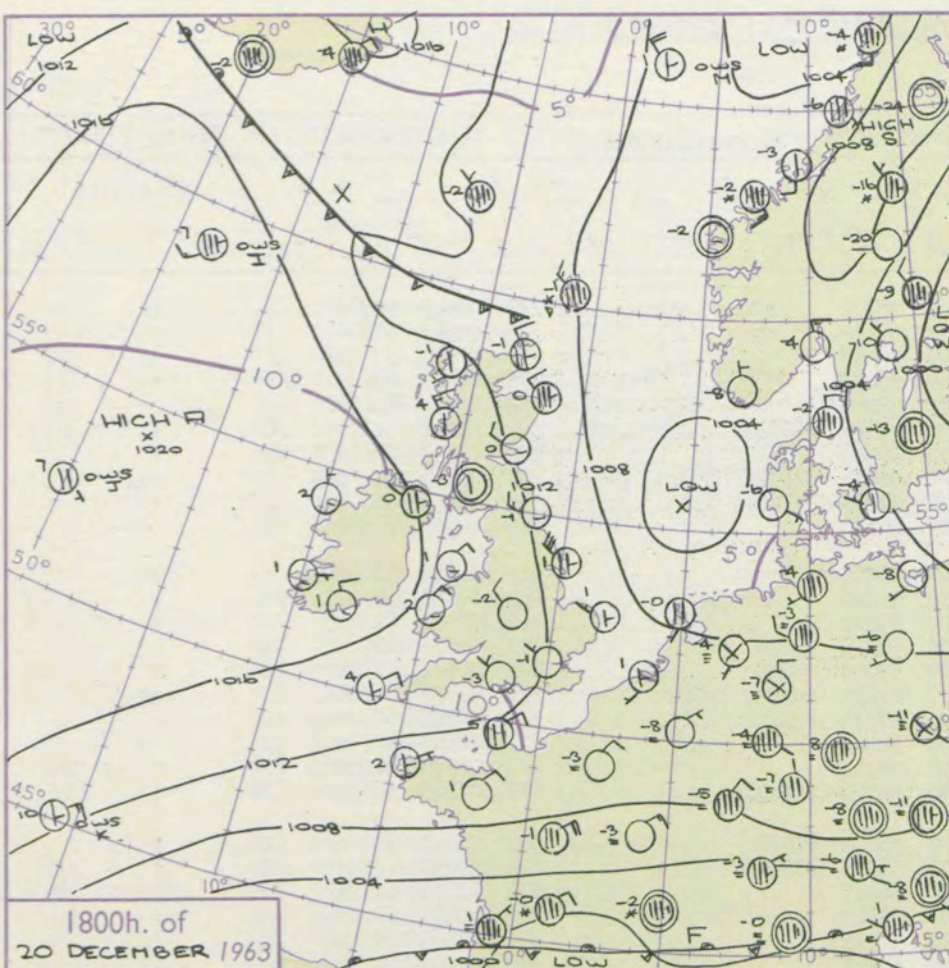
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday

Saturday 21 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

An anticyclone west of the British Isles has been intensifying steadily during the past 24 hours and is moving east. The shallow depression which was moving southeast from Iceland yesterday is now over the North Sea and is filling. A deep depression is developing south-west of Iceland, and an associated trough is moving east over the Atlantic. The anticyclone is expected to move east across England to the southern North Sea, while with the advance of the Atlantic trough, increasing southerly winds will spread into northern and western districts of Britain, bringing milder weather to these areas.

Mostly dry and cold or very cold with sunny periods, but scattered snow or sleet showers, at first, chiefly in Scotland. Becoming cloudy with some rain in north and west Scotland and Northern Ireland later with temperatures near normal. Moderate frost tonight over much of England and east Wales, with some fog patches. Light westerly winds backing southerly, becoming strong in the northwest.

OUTLOOK for following 24 hours

Milder weather with some rain extending slowly east, but probably remaining cold with frost and fog patches in the southeast.

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

Code FM 11.A		OBSERVATIONS at 00h. 21 December 1963										OBSERVATIONS at 06h. 21 December 1963										OBSERVATIONS during NIGHT				CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n E	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Kew	775			52						775	02604	31050	19453	00900	56217				775	00543	60	+		if	40	
London Airport	772	02603	16100	15855	00900	55114				772	03006	26040	19455	00900	57217				772	00563	61	+		+	39	
Gatwick	776	03004	17050	15653	00900	56214				776	03408	28050	19453	00900	56219				776	00583	63	+		+	38	
Thorney Island	871	03501	19050	16253	00900	55116				871	02802	19050	20154	00900	56217				871	00553	60	+		+	37	
Hurn	862	03506	48050	16457	00900	58215				862	00000	56020	20157	00900	58214				862	00583	62	+		+	36	
Guernsey	894	30110	71021	15403	38500	52215	82824			894	10210	60030	19602	11500	54216	81824			894	00011	51	+		+	35	
Wattisham	590	03007	40020	14353	00900	55312				590	03110	40020	18254	00900	56218				590	00555	60	+		+	34	
Gorleston	497	82905	16268	12601	85511	53210	88623			497	32705	40268	17551	33600	51214	83932			497	02537	55	ps ₀		ps ₀	33	
Mildenhall	578	03607	40050	14855	00900	57212				578	02405	32050	18655	00900	57216				578	00565	60	+		+	32	
Cardington	559	02606	19050	15656	00900	57213				559	02406	21100	19156	00900	56114				559	00583	60	+		+	31	
West Raynham	485	02808	48018	13652	00900	54208				485	02808	40010	17553	00900	55216				485	97545	56	ps ₀		+	30	
Wittering	462	03013	88020	15552	00900	56212				462	02909	37020	19052	00900	55316				462	00553	58	+		+	29	
Boscombe Down	746	00000	48050	17356	00900	57218				746	03103	48050	21255	00900	57217				746	97573	61	+		+	28	
Ross-on-Wye										627	40000	48051	21357	45600	58215	814630			627	00573	62	+		+	27	
Bristol	628	00000	56050	17454	00900	55219				628	10000	58050	21456	15600	57219	81635			628	00571	61	+		+	26	
Aberporth	502	00406	74020	18102	00900	53116				502	73106	66251	21603	78411	01215	82815	87620		502	97523	58	+		pr ₀	25	
Rhoose (Cardiff)	715	02906	69020	17954	00900	57318				715	13406	69030	21555	15600	57215	81630			715	00563	60	+		+	24	
Plymouth	827	03307	62020	17852	00900	53215				827	03204	66020	22453	00900	54325				827	00543	60	+		+	23	
Chivenor	707	00903	28050	18154	00900	57215				707	00907	58020	22156	00900	57311				707	00563	61	+		+	22	
St. Mawgan	817	00706	62020	18151	00900	53215				817	50705	62030	22352	56600	55220	85641			817	00543	56	+		+	21	
Culdrose	809	00405	69020	17451	00900	54214				809	10208	69030	21852	15500	55220	81620			809	00543	59	+		+	20	
Scilly	804	30311	82020	17205	31600	53219	83830			804	10514	83010	21105	11500	51223	81822			804	00030	11	+		+	19	
Elmdon	534	03203	15040	16554	00900	56214				534	03104	16040	20155	00900	56115				534	00573	62	+		if	18	
Shawbury	414	02603	26040	17957	00900	58215				414	02503	59010	20955	00900	56213				414	00583	60	+		+	17	
Manchester	334	00000	07044	17154	00900	57316				334	00000	17044	20255	00900	57215				334	00563	59	+		if	16	
Squires Gate	218	00000	30040	16956	00900	57215				318	01205	10040	19457	00900	59211				318	00583	61	+		if	15	
Valley	302	20303	82010	17901	25500	51216	82628			302	03507	82020	20802	00900	50215				302	00533	56	+		+	14	
Ronaldsway	204	13111	82028	17704	12500	02215	81820			204	02808	82020	20104	00900	01210				204	97523	56	pr ₀		+	13	
Carlisle	222	00000	23050	17457	00900	57214				222	10000	48030	19057	15500	57302	81623			222	00583	59	+		+	12	
Watnall	354	03108	40020	16353	00900	57214				354	03003	56020	19352	00900	55216				354	00533	56	+		+	11	
Spurn Head	396	23215	48018	13550	25500	53217	82625			396	53212	57038	17000	55500	51218	85625			396	97517	11	ps ₀		ps ₀	10	
Finningley	360	03010	36040	15251	00900	55212				360	12911	40040	18551	15600	55214	81640			360	00533	58	+		+	9	
Dishforth	261	03406	62010	15654	00900	56214				261	12602	62020	18459	15600	60211	81640			261	00607	61	+		+	8	
Tynemouth	262	13215	61020	14351	15500	54212	81620			262	72715	61031	16802	75611	54207	87630			262	00526	54	+		+	7	
Eskdalemuir	162	00000	74020	17356	00900	58112				162	02002	62020	17952	00900	53301				162	00575	60	+		+	6	
Mull of Galloway	131	13605	80020	17702	12500	00211	01825			131	13621	80018														

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37285

Date of Issue Sunday 22 December 1963

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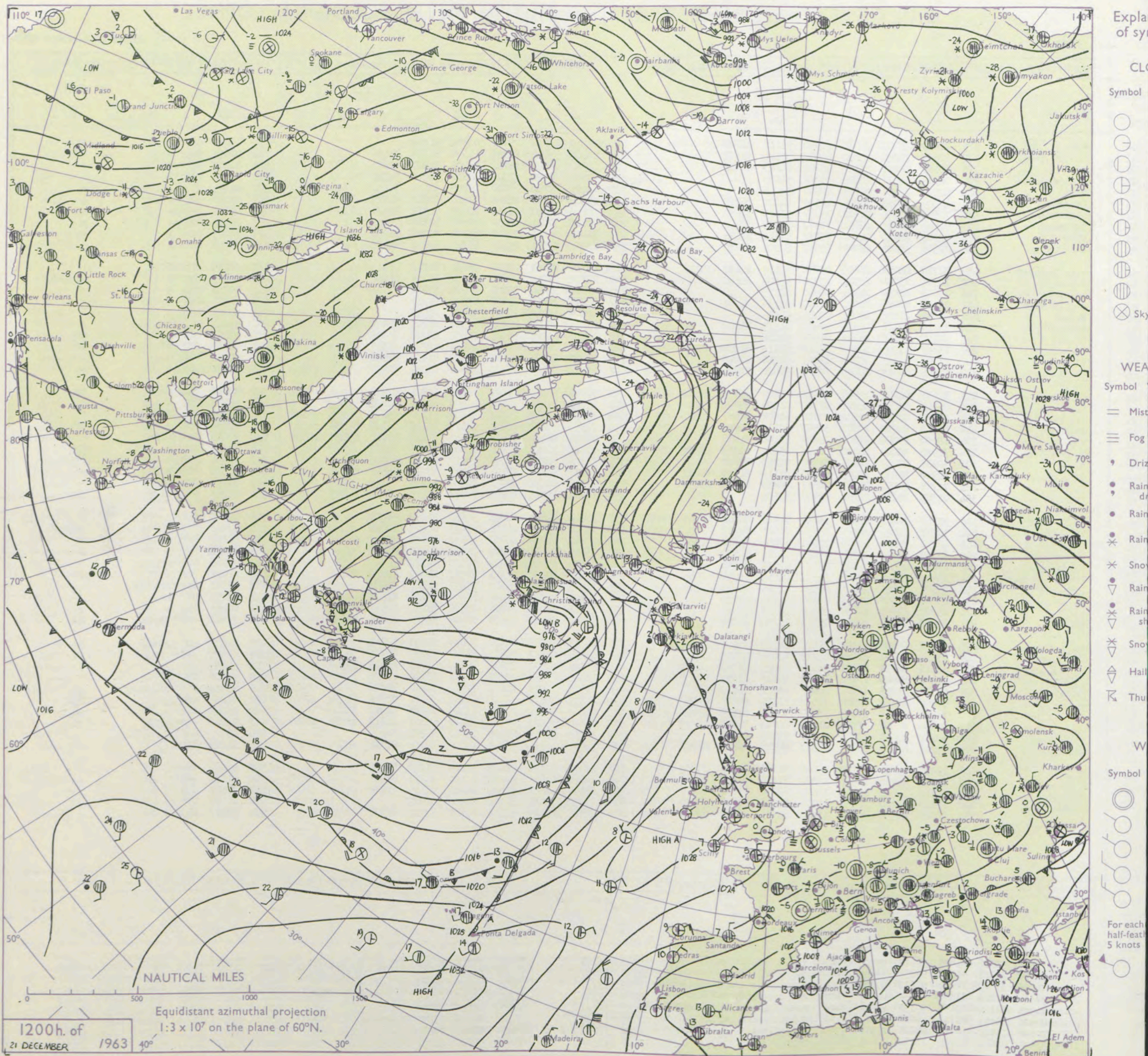
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Code FM II.A		OBSERVATIONS at 12h. 21 December 1963										OBSERVATIONS at 18h. 21 December 1963										OBSERVATIONS during DAY			
Station	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T x E	SSS	WEATHER		
																							09h.—15h.	15h.—21h.	
Kew	775	22803	11054	23101	20930	55112	82360			775	02702	40050	25901	00900	51215				775	00033	050	ff		+	
London Airport	772	12602	17040	23400	10930	53214	81360			772	12607	35040	25900	15600	51216	81656			772	00033	055	+		+	
Gatwick	776	43206	26050	23200	45700	54113	84656			776	12906	62020	26252	15700	53217	81656			776	00033	065	+		+	
Thorney Island	871	02905	32050	24301	00900	54119				871	12908	28100	27201	10930	51216	81365			871	00033	064	+		+	
Hurn	862	02805	35050	24301	00900	54016				862	03105	32040	27050	00900	52216				862	00053	///	+		+	
Guernsey	894	40309	80030	24705	41500	54220	84825			894	13509	82010	28304	11500	00223	81825			894	00061	065	+		+	
Wattisham	590	72808	48031	21700	75711	53115	87650			590	22610	28051	24451	20930	52317	82360			590	00015	///	+		+	
Gorleston	497	72507	40051	20651	70971	52223	87358			497	02708	37051	23850	00900	51214				497	00017	006	+		+	
Mildenhall	578	72905	26051	22100	75711	53111	87656			578	63107	23051	24400	65700	51216	86656			578	00025	021	+		+	
Cardington	559	72506	35050	23001	75611	52209	87630			559	62507	37051	25200	65711	51214	86656			559	00033	040	+		+	
West Raynham	485	52710	48011	21000	45830	52110	84657	83359		485	32711	20041	23701	35600	00218	83635			485	00025	021	+		if	
Wittering	462	12511	23041	22301	15700	53109	81650			462	22612	37040	24600	25600	51113	82640			462	97033	039	+		r _o s _o 1d _o	
Boscombe Down	746	03004	40050	24701	00900	53115				746	02802	32050	27551	00900	53216				746	00033	069	+		+	
Ross-on-Wye	627	02102	66020	24301	00900	52106				627	02203	70020	27002	00900	51217				627	00053	069	+		+	
Bristol	628	02406	28051	24702	00900	54116				628	02607	40040	27303	00900	01217				628	00043	060	+		+	
Aberporth	502	33114	82018	25606	32500	01115	83820			502	53113	80031	28205	34550	01219	83620	84362		502	97061	041	pr _o		+	
Rhoose (Cardiff)	715	03107	58040	25502	00900	52216				715	13306	61028	28001	11501	50218	81825			715	97053	063	+		pr _o	
Plymouth	827	13307	17400	26303	18400	55114	81818			827	13004	28040	29603	10930	02222	81363			827	00053	057	if		if	
Chivenor	707	21003	40051	26201	18403	51216	81818			707	23302	82021	29003	22500	01220	82820			707	00061	061	+		+	
St. Mawgan	817	12406	80011	26805	12500	51220	81825			817	23507	80020	30002	22500	01222	82825			817	00061	066	+		+	
Culdrose	809	50303	66052	26504	48531	01220	82820	83362		809	30106	69018	29502	38500	00321	82820			809	97060	052	pr _o		pr _o	
Scilly	804	50309	82031	26207	58500	01228	85822			804	40209	83011	29606	41500	02222	84820			804	00090	039	+		+	
Elmdon	534	12706	07284	23102	15800	54008	81657			534	52906	21048	25703	55600	51220	85630			534	97043	011	ffpr _o s _o		+	
Shawbury	414	32710	80030	23603	38500	00110	82825			414	72710	69808	26403	78511	01118	84820	86638		414	91054	062	+		pr _o	
Manchester	334	12502	19044	22600	15600	52106	81630			334	62703	48048	24603	35631	01117	81710	83645	85358	334	97043	015	ffpr _o		+	
Squires Gate	318	72916	58044	22006	78411	03011	81818	87650		318	13511	30048	25504	18500	01228	81822			318	97063	019	+		pr _o	
Valley	302	32918	82030	24806	31500	04215	83820			302	73313	74258	27406	78411	02220	83818	87648		302	91061	057	+		pr _o ph _o r _o	
Ronaldsway	204	52918	86030	23005	58400	02114	81715	85637		204	60108	80028	27201	68511	52231	81822	86650		204	97070	026	pr _o		+	
Carlisle	222	72708	70151	21203	78511	50213	82820	86635		222	03106	62011	26951	00900	53233				222	00043	021	3p		+	
Watnall	354	02505	08040	22001	00900	53106				354	72707	19285	24802	78511	01213	84827	86635		354	97043	038	ff		pr _o	
Spurn Head	396	32712	32012	19702	35600	51210	83630			396	33211	40011	22703	30930	01219	83360			396	00045	018	+		+	
Finningley	360	12911	32040	20605	10930	00003	81360			360	73508	32206	24504	75611	01223	87640			360	97063	039	+		ir _o d _o d _o	
Dishforth	261	42710	59011	19804	48500	50004	81820	84656		261	73410	61028	24703	75611	50230	87642			261	91047	017	pr _o		+	
Tynemouth	262	62713	48052	19203	65611	00223	86635			262	43215	61011	24702	45600	52236	84635			262	00035	008	+		+	
Eskdalemuir	162	83406	80801	20603	88411	01216	87818			162	03505	80028	27052	00900	56128				162	97033	020	pr _o ps _o		+	
Mull of Galloway	131	53422	78808	22205	59511	02212	85920			131	73402	80032	27504	76511	01232	87720			131	91051	///	/		/	
Prestwick	135	23508	70028	21404	28540	02325	82825			135	71503	56041	26800	75611	51227	87643			135	92053	031	pr _o s _o pr _o		+	
Renfrew	141	13306	48048	21604	18500	51234	81820			141	10000	06040	27051	15600	53225	81640			141	97055	037	pr _o		if	
Leuchars	171	23207	89026	20403	28540	51233	81820			171	22811	87011	25601	25600	53231	82645			171	00035	050	+		+	
Dyce	091	32913	74268	19801	16330	52130	81709			091	33012	66268	24600	38400	51229	81818	83630		091	97517	028	ps _o 1s _o		ps _o	
Wick	075	73512	66858	19001	78411	51222	83812	83625		075	73313	18868	24800	79411	51233	87915			075						

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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7 or more
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and snow
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Wind
speed
(knots)

Calm

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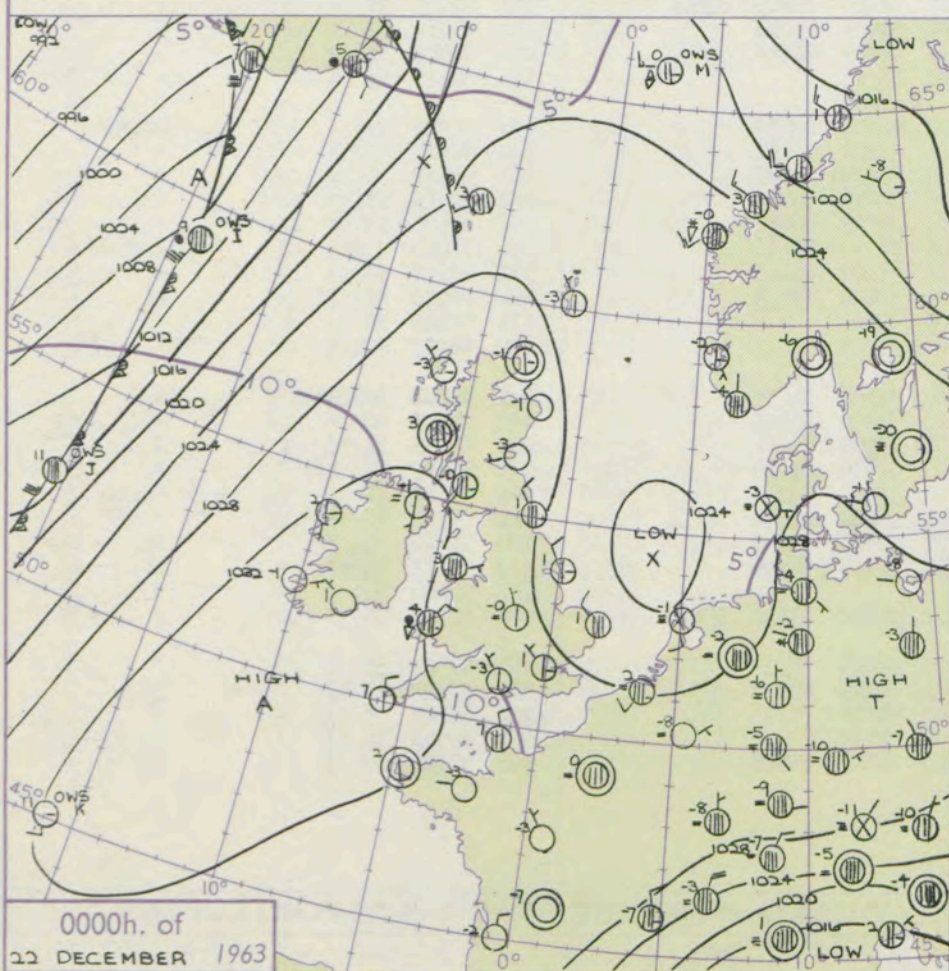
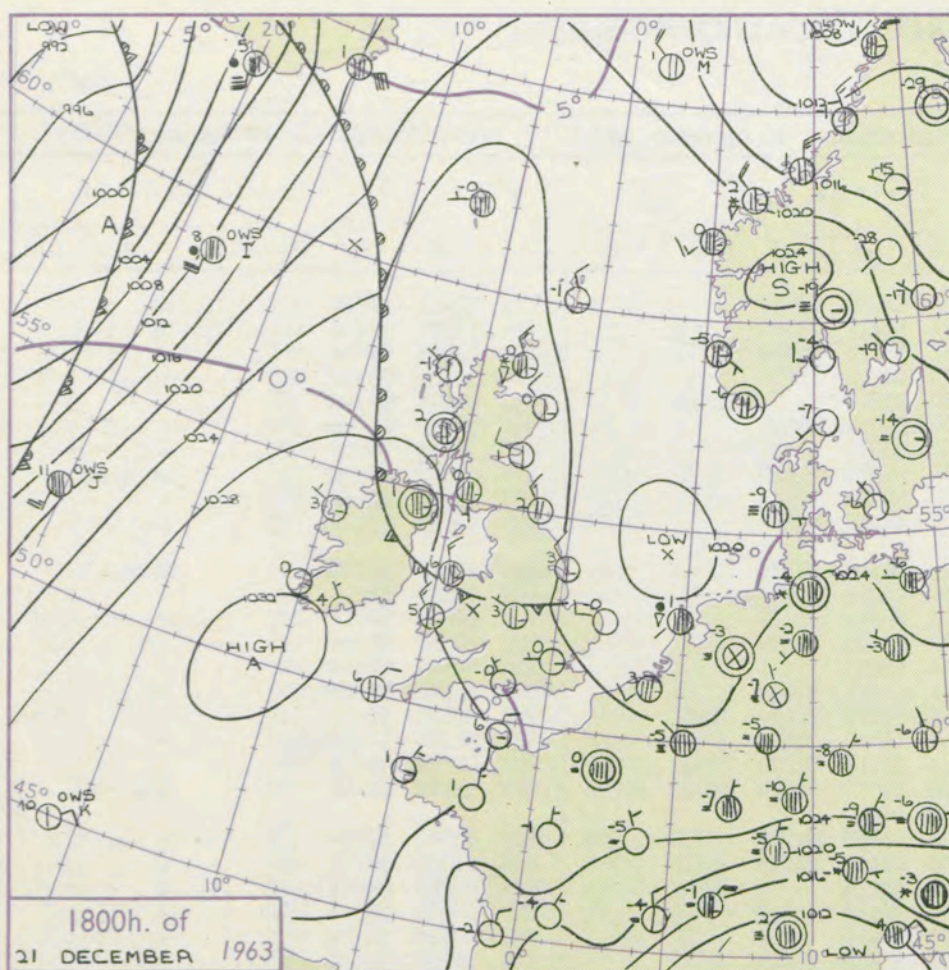
3-7

8-12

13-17

additional
er add

48-52



GENERAL SYNOPTIC DEVELOPMENT

The anticyclone which was off southwest Ireland yesterday has continued to intensity and has moved rather slowly eastwards. Substantial pressure falls have continued in the Iceland area, and a trough of low pressure moving east over the Atlantic has established a strong south to southwest air flow off the western and northwestern seaboard of the British Isles. The anticyclone will continue to move slowly east across England, and dominate the weather over England and Wales, while as pressure falls to the north west of Britain move east, Scotland and Northern Ireland will gradually come under the influence of the south to southwest air flow.

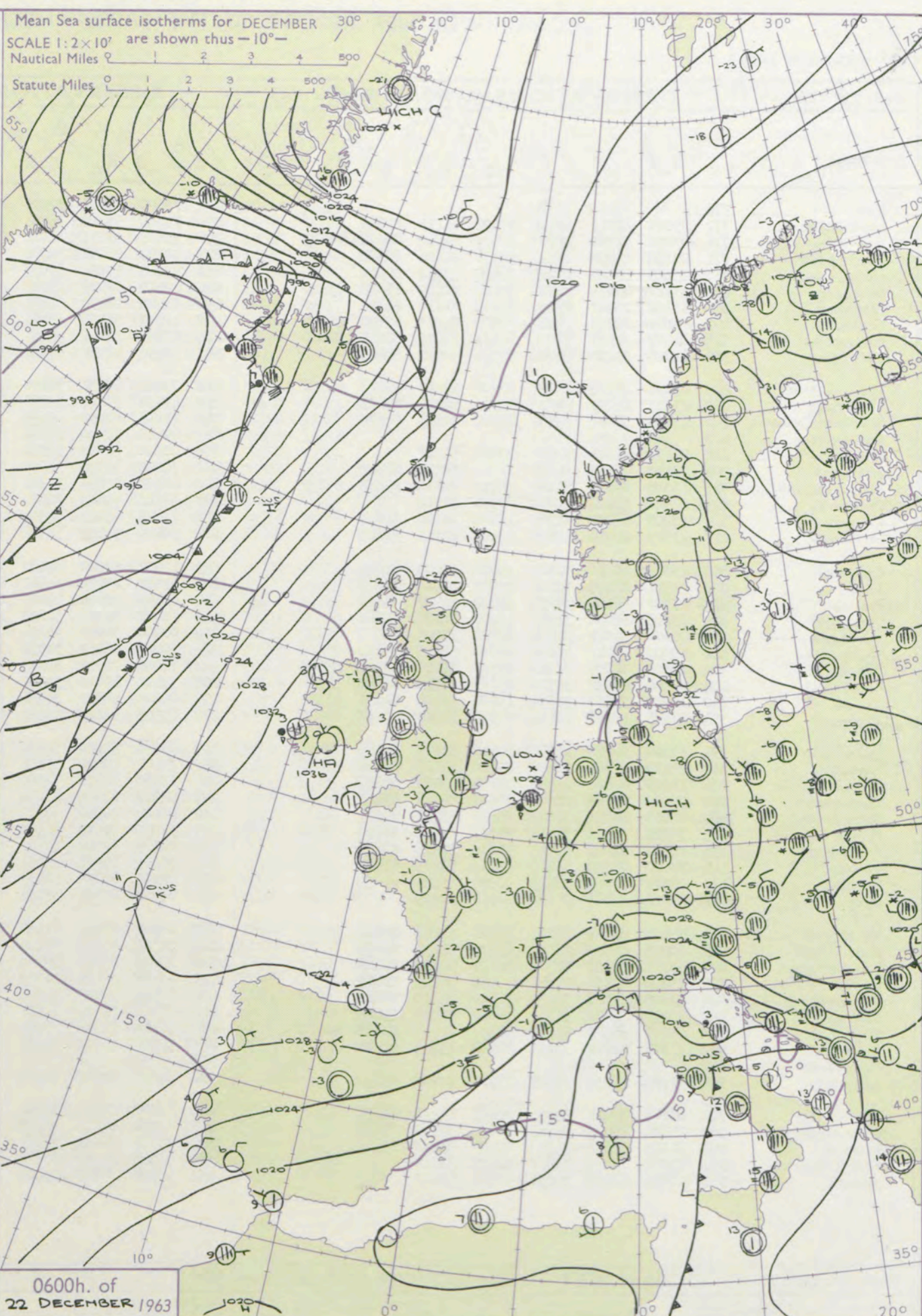
Issued at midday Sunday 22 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

England, Wales, south and east Scotland will continue dry with sunny periods, prolonged in the southeast. Cold in the southeast with moderate night frost and some fog patches. Rather cold elsewhere with slight frost at night. Northern Ireland, west and north Scotland will become cloudy with temperatures near the seasonal normal. Southerly gales are likely in northwest Scotland.

OUTLOOK for the following 24 hours.
No substantial change.



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

Code FM II.A OBSERVATIONS at 00h. 22 December 1963										OBSERVATIONS at 06h. 22 December 1963										OBSERVATIONS during NIGHT										CONV TA °C
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _s C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _s C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER								
																						21h.—03h.	03h.—09h.							
Kew	775			01						775	73607	60022	32301	75711	53218	87656				775	97503	57	+	ps _o	40					
London Airport	772	33006	48011	28601	35600	51111	83640			772	73306	58018	32501	75611	52219	87640				772	97513	57	+	ps	39					
Gatwick	776	83206	58021	29000	85511	51212	83624	88637		776	73407	59011	32101	75411	51218	83614	87637			776	00533	59	+	+	38					
Thorney Island	871	23104	48051	29600	20930	51105	82360			871	50307	58051	32301	55700	52214	85656			871	00513	58	+	+	37						
Hurn	862	23105	39040	30053	25600	53214	82640			862	03405	59024	33053	00900	54215				862	00563	59	ff	+	36						
Guernsey	894	53312	83031	31106	58600	00109	83830	83640		894	60114	62038	33205	65700	51213	86656			894	01041	01	pr	+	35						
Wattisham	590	13108	23100	27700	10930	51218	81358			590	03212	28050	31451	00900	53217				590	00535	59	+	+	34						
Gorleston	497	63009	40258	26401	68500	01213	84820	86624		497	12909	56108	29801	15500	01216	81620			497	01517	53	pr _o	pr _o s _o pr _o	33						
Mildenhall	578	83507	23057	28001	85611	50215	82630	88656		578	03605	26051	32153	00900	54220				578	97535	56	ro _{so}	+	32						
Cardington	559	83206	23051	29201	85511	00222	88625			559	33106	48057	33252	35700	54228	83656			559	97543	57	is _o	is _o	31						
West Raynham	485	03008	23104	27800	00900	50219				485	73407	40031	31600	76411	51320	87710			485	92517	56	ff	pr _o s _o	30						
Wittering	462	73313	61037	28902	75511	52226	87627			462	43112	59031	32950	45600	54218	84637			462	00513	54	+	+	29						
Boscombe Down	746	13105	56051	30651	15500	52215	81620			746	13403	62030	33453	15500	55212	81625			746	00543	61	+	+	28						
Ross-on-Wye	627									627	20000	77020	34852	25600	54220	82630			627	00553	60	+	+	27						
Bristol	628	00103	40040	30801	00900	51216				628	00000	48040	34354	00900	56219				628	00563	61	+	+	26						
Aberporth	502	70112	74801	31804	72511	01220	87821			502	70000	74018	34303	75711	00211	87650			502	93511	51	pr _o	pr _o	25						
Rhoose (Cardiff)	715	63308	66011	31102	35671	01114	83630	86359		715	60106	80031	34800	65611	53218	82630	86657		715	00523	57	+	+	24						
Plymouth	827	03502	27284	32100	00900	51108				827	40302	58018	34402	45600	01308	84645			827	91514	58	ifpr _o	+	23						
Chivenor	707	13408	82020	31705	11500	02110	81820			707	71014	80021	34501	78511	50312	81820	87644		707	00003	55	+	+	22						
St. Mawgan	817	43509	80030	32705	44500	02112	84624			817	50109	74808	34504	58400	02208	82818	85623		817	93011	51	+	pr _o	21						
Culdrose	809	13611	78010	32103	15600	00210	81640			809	13507	80020	34403	15600	01110	81635			809	00010	57	+	+	20						
Scilly	804	23511	82020	32207	21500	01210	82820			804	43511	83030	34407	44400	01109	84815			804	00060	11	+	+	19						
Elmdon	534	23307	26101	30550	25400	51229	82618			534	03302	30040	34053	00900	55214				534	00563	61	+	+	18						
Shawbury	414	13208	37048	31251	15600	54121	81640			414	13402	58021	34653	15700	54113	81650			414	00564	59	+	+	17						
Manchester	334	00000	48041	30652	00900	55223				334	00000	30040	34454	00900	57216				334	00563	58	+	+	16						
Squires Gate	318	00000	15041	30952	00900	54120				318	30000	66011	34054	35600	56013	83645			318	00563	59	+	+	15						
Valley	302	80606	74038	31303	88511	02216	83820	88645		302	70000	74012	34203	78511	01210	83825	87645		302	00021	51	+	+	14						
Ronaldsway	204	80000	83032	31502	85711	51319	88650			204	33405	83011	33902	35600	51109	83646			204	00010	52	+	+	13						
Carlisle	222	10000	32050	31554	15600	55224	81640			222	80000	58021	34554	85611	55108	82630	88640		222	00573	59	+	+	12						
Watnall	354	03408	56028	30151	00900	53226				354	03305	59020	33551	00900	55116				354	00523	55	+	+	11						
Spurn Head	396	33212	57020	27201	30940	51219	83360			396	43214	57030	31401	45600	00220	84630			396	91015	11	+	pr _o s _o	10						
Finningley	360	43113	48041	29600	45700	54125	84656			360	73107	40042	33401	75711	53218	87650			360	00523	55	+	+	9						
Dishforth	261	13209	69021	29952	15700	55222	81650			261	13210	80010	33400	15700	52117	81650			261	00547	55	+	+	8						
Tynemouth	262	73212	61022	29501	75611	52226	87635			262	52912	61022	33250	50930	54218	85358			262	00515	53	+	+	7						
Eskdalemuir	162	80000	66031	31653	85611	55121	88637			162	60000	70012	34752	65611	55109	86638			162	00535	58	+								

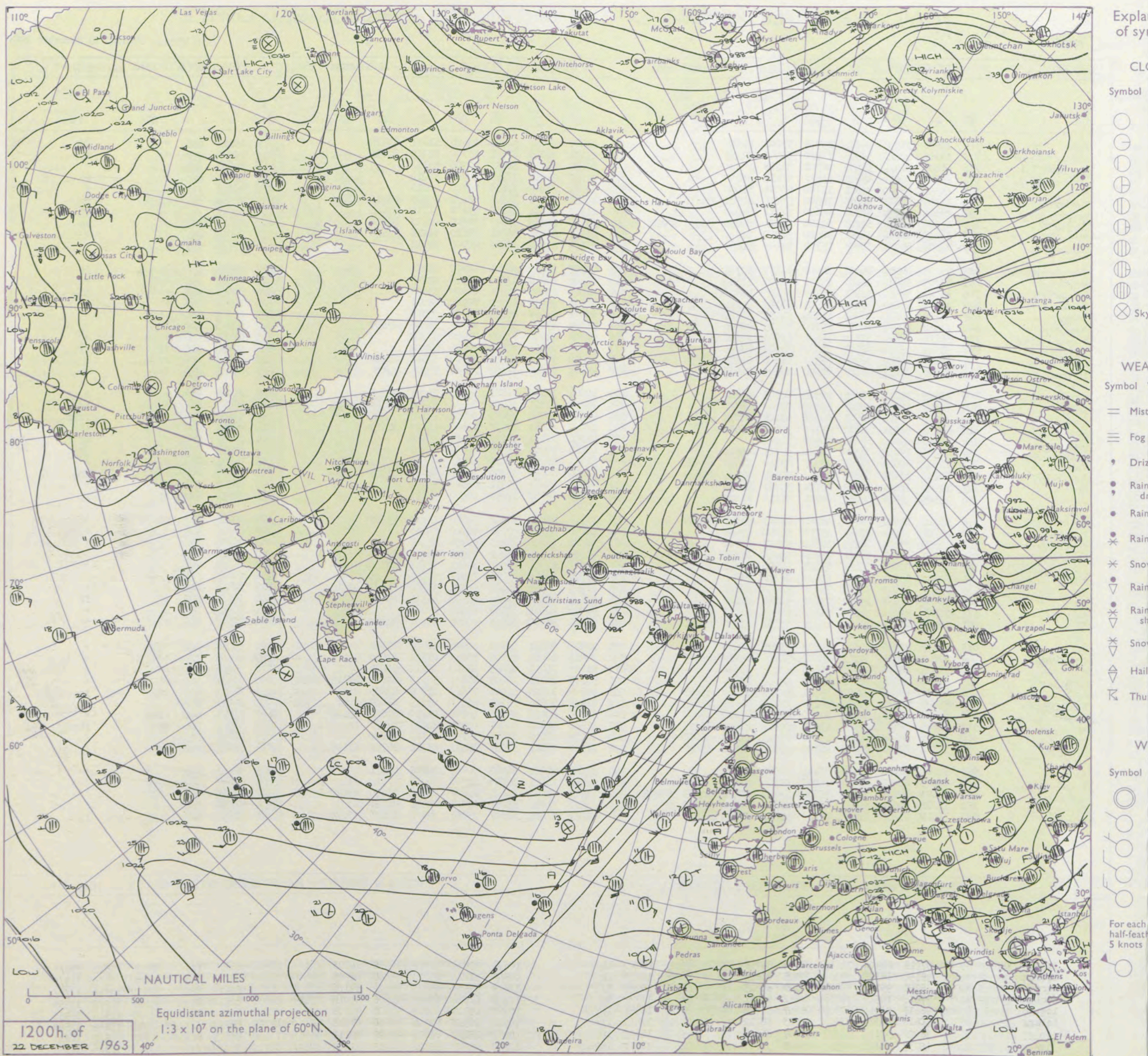
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37286

Date of Issue Monday 23 December 1963

Code FM 11.A		OBSERVATIONS at 12h. 22 December 1963										OBSERVATIONS at 18h. 22 December 1963										OBSERVATIONS during DAY				
STATION	i	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	i	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	i	RRRT x T x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Kew	775	13406	33058	35002	15700	53008	81656			775	13605	33051	36602	15600	51211	81635			775	00033	058	+	ff			
London Airport	772	13305	40011	35603	10930	52009	81359			772	23104	20040	36701	25700	52109	82656			772	00033	059	+	+			
Gatwick	776	03402	36051	35002	00900	51208				776	00000	26040	36852	00900	53312				776	00033	018	+	+			
Thorney Island	871	63301	32051	35601	65711	53211	86650			871	00103	28051	37150	00900	52214				871	00033	021	+	+			
Hurn	862	13506	48050	35301	15700	53004	81650			862	03601	28040	37153	00900	54213				862	00043	111	+	+			
Guernsey	894	70109	82031	35005	78500	53001	84820	85630		894	80611	56808	35505	88477	02209	85816	87625		894	96051	021	pho _{ro}	pro			
Wattisham	590	23314	40020	34301	25600	51111	82640			590	23310	23101	36750	25600	51216	82640			590	00025	111	+	if			
Gorleston	497	63206	40258	33203	69500	02214	82820	84630 82920		497	33305	20050	35603	38500	02217	83820			497	96056	029	pr	pr			
Mildenhall	578	33405	40051	34601	38500	51110	81825			578	23503	40050	36751	25600	51216	82640			578	00025	051	+	+			
Cardington	559	13506	56051	35603	15700	54005	81650			559	03002	23040	37352	00900	53113				559	00043	057	+	+			
West Raynham	485	23205	48258	34402	26200	01112	82703			485	03507	20100	36301	00900	01211				485	93035	051	ps _e pro	ff			
Wittering	462	13309	59021	35403	15730	54109	81650			462	03306	40040	37050	00900	53208				462	00033	065	+	+			
Boscombe Down	746	13506	50050	35701	15600	54103	81640			746	03606	35050	37551	00900	53208				746	00033	063	+	+			
Ross-on-Wye	627	10000	57020	37101	15601	53109	81635			627	00000	24050	37752	00900	53211				627	00053	068	+	+			
Bristol	628	10105	48050	36901	15600	54006	81640			628	00000	23040	37352	00900	55307				628	00043	064	+	+			
Aberporth	502	21609	83018	36604	25700	51109	82656			502	71709	83021	36702	75711	55206	87650			502	00043	020	+	+			
Rhoose (Cardiff)	715	30106	62021	37104	35601	53003	83640			715	00905	28040	37500	00900	53209				715	00043	046	+	+			
Plymouth	827	73505	28284	36904	75611	52204	87640			827	00000	23044	37201	00900	53304				827	00053	017	if	if			
Chivenor	707	70000	40052	36903	78511	00006	81828	87650		707	10000	37051	37251	15700	52308	81650			707	00043	008	+	+			
St. Mawgan	817	21007	82011	36603	24600	50103	82630			817	11003	74010	37100	15600	53205	81637			817	00053	042	+	+			
Culdrose	809	20805	78011	36505	28500	02305	81820			809	10606	78010	36801	18500	53201	81820			809	00063	069	+	+			
Scilly	804	60307	84021	36107	62500	02209	86827			804	70000	84021	35207	78411	02302	83818	87625		804	97071	032	+	ld _o			
Elmdon	534	13203	04044	36501	00901	53108	81075			534	00000	06044	37653	00900	54108				534	00023	043	ff	ffif			
Shawbury	414	62702	66051	36802	65711	52106	85650			414	10000	40041	37755	15600	55106	81645			414	00043	048	+	if			
Manchester	334	00000	05044	37051	00900	54214				334	01204	23044	37152	00900	55305				334	00023	061	+	if			
Squires Gate	318	41003	19041	36300	45600	53005	84640			318	01105	10041	36554	00900	55302				318	00013	020	+	ff			
Valley	302	71302	80031	36205	78511	03110	81820	87645		302	61311	80022	36003	68511	00003	81822	86645		302	00071	013	+	+			
Ronaldsway	204	70107	83021	35805	78511	00107	81825	87635		204	70000	80022	35304	78511	01105	81825	87634		204	97070	000	+	pro			
Carlisle	222	13505	32051	36852	15701	55207	81650			222	01306	40051	36551	00900	54004				222	00503	055	+	+			
Watnall	354	13505	21040	36003	00901	56110	81075			354	00000	09040	37652	00900	55211				354	00033	045	if	ff			
Spurn Head	396	53412	48028	34602	48501	00213	83825	83640		396	33308	48020	36501	30940	00210	83360			396	00035	036	ps _o	+			
Finningley	360	23511	34041	35204	25700	54000	82650			360	00000	24040	37752	00900	54112				360	00043	056	+	ff			
Dishforth	261	13506	59040	36150	18501	54103	81820			261	00000	40040	37253	00900	55206				261	00026	067	+	+			
Tynemouth	262	12909	24051	36101	10940	50205	81360			262	22508	10104	36701	20940	01203	82360			262	00025	047	+	+			
Eskdalemuir	162	42302	80031	36401	45631	54704	82642	83656		162	30000	67011	36954	25601	57105	82640			162	00035	043	+	+			
Mull of Galloway	131	61802	86022	36105	65611	01210	86640			131	71616	80032</														

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

ation
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Cloud
Amount
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7 or more

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obscured

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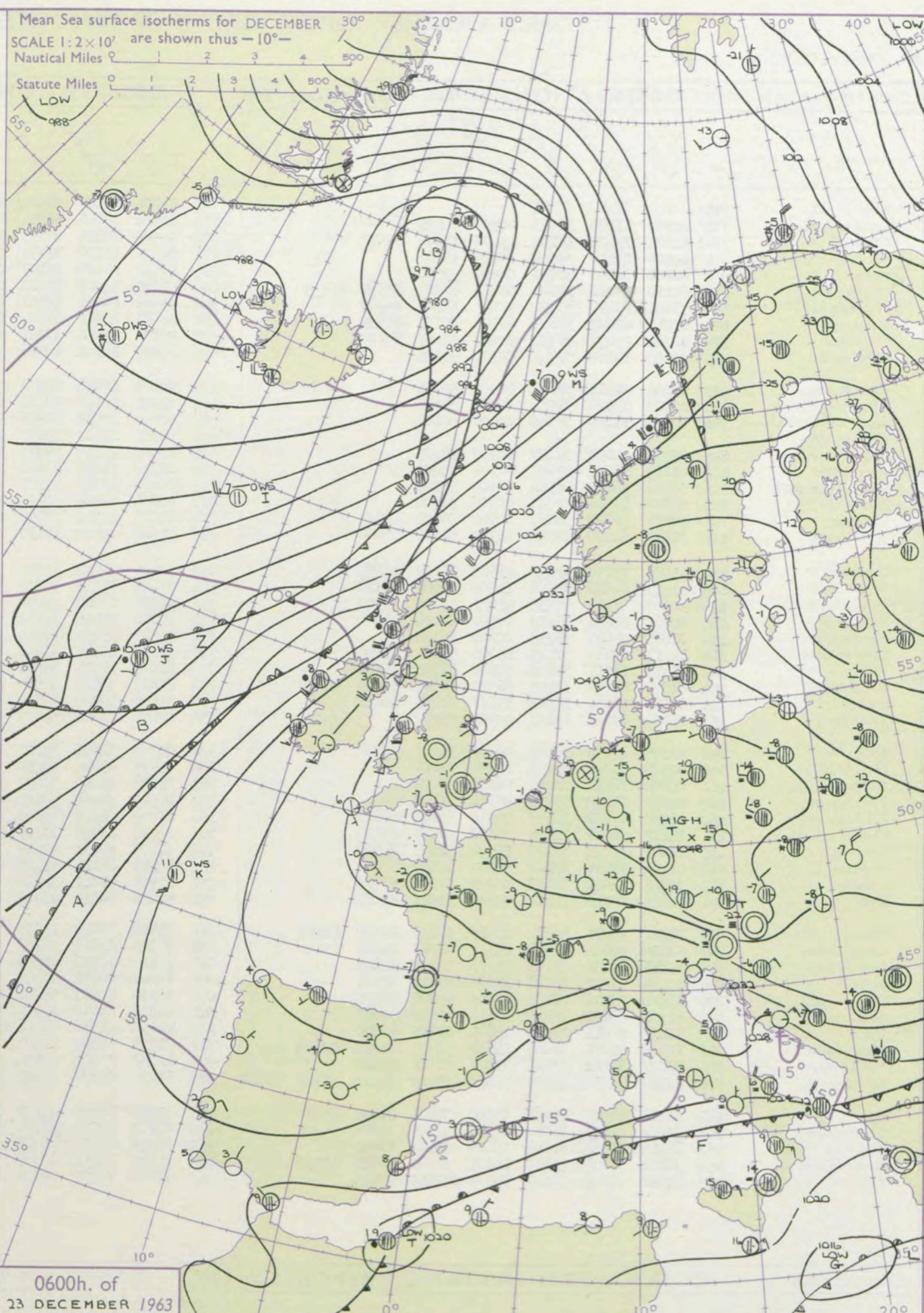
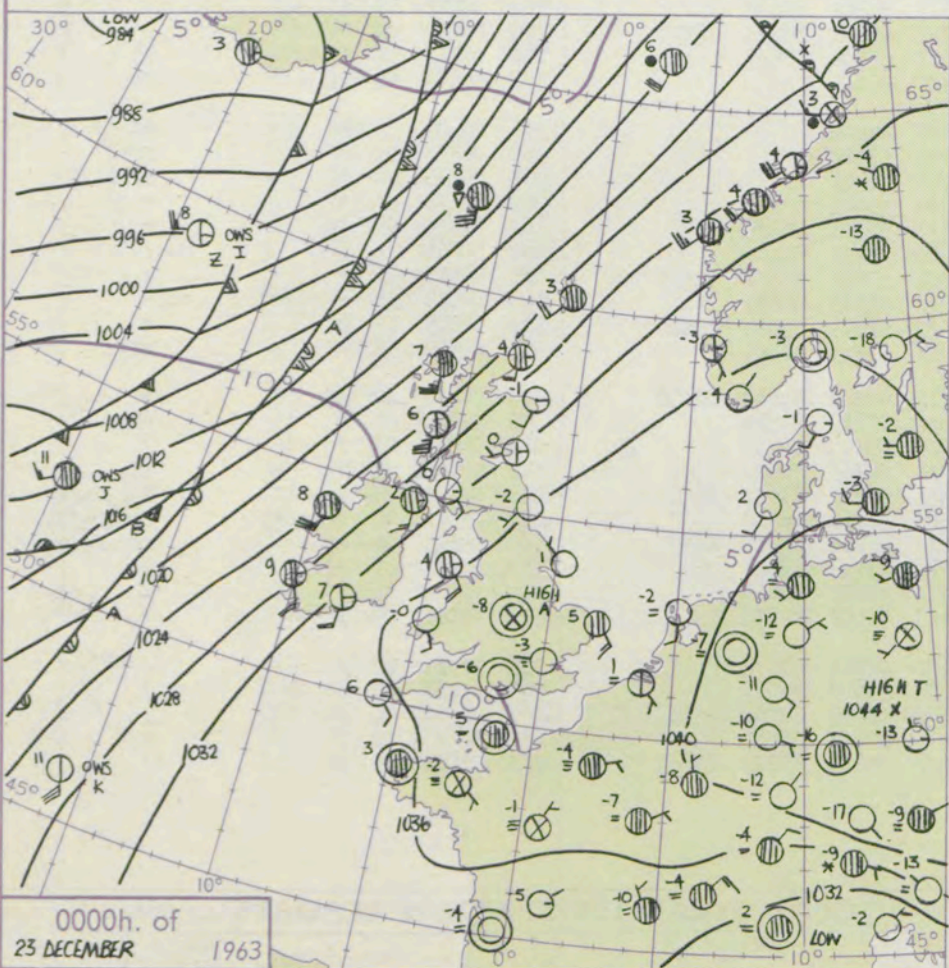
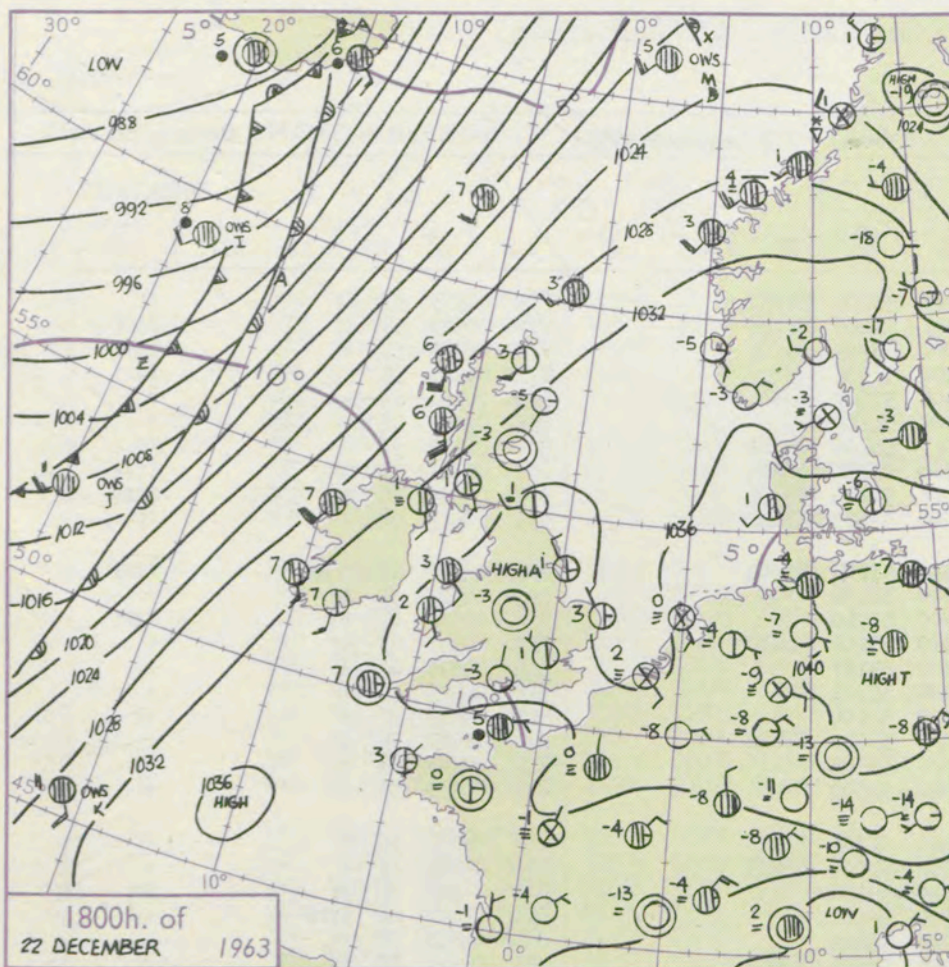
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 23 December 1963

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The anticyclone which moved southeast over Ireland has merged with a strong continental anticyclone which is still building and the main centre will drift slowly east over Germany with a strong ridge maintained over France. As the low near Iceland moves away northeastwards a deepening wave in mid-Atlantic will move northeast to become the main low southeast of Iceland and will bring increasing winds to all parts of the British Isles.

Increasing southerly winds will bring cloud and rain to all parts of Scotland and Northern Ireland and later to some western and northern districts of England and Wales. Temperatures will rise to normal values and gales are likely in many places reaching storm in the northwest. The rest of England and Wales will continue cold with frost again tonight but increasing winds will clear remaining fog patches by midnight.

OUTLOOK for the following 24 hours. Rain at times in the west and north. Mostly dry and becoming less cold in the southeast.

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

Code FM 11.A		OBSERVATIONS at 00h. 23 December 1963										OBSERVATIONS at 06h. 23 December 1963										OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			51						775	82001	12104	39901	862/1	51208	88704			775	00523	57	ff	ff	40			
London Airport	772	02702	13100	38553	00900	51208				772	80000	07464	40251	863/1	52206	88706			772	00543	59	1f	ffff	39			
Gatwick	776	51601	17101	38152	55400	53104	85617			776	90000	F4494	40355	910/1	56209	89/01			776	00553	59	+	1fff	38			
Thorney Island	871	00000	20100	38552	00900	53105				871	00503	13100	39953	00900	53206				871	00543	59	+	1f	37			
Hurn	862	00000	32050	38056	00900	57204				862	03502	18020	39157	00900	57207				862	00583	61	+	+	36			
Guernsey	894	61210	63018	37205	684/1	01206	83818	86635		894	01209	63021	37604	00900	01102				894	00031	01	+	+	35			
Wattisham	590	23505	F7494	37952	910/1	53206	89/00			590	92302	F4494	40353	910/1	53106	89/01			590	00535	57	FF	FF	34			
Gorleston	497	61513	62038	37645	65500	04107	86625			497	62107	20108	40902	65500	01211	86624			497	95515	51	pr ₀	ffff	33			
Mildenhall	578	92202	F9471	38152	910/1	52007	89/00			578	90000	02454	40352	910/1	52104	89/01			578	00535	54	FF	FFFF	32			
Cardington	559	02602	14100	38755	00900	56105				559	30000	11101	40556	35600	57205	83640			559	00573	60	+	FF	31			
West Raynham	485	01202	F9464	37651	00900	52206				485	90000	02454	40052	910/1	53205	89/02			485	97555	60	ffff	ffff	30			
Wittering	462	02909	23020	38554	00900	55105				462	02802	14020	40355	00900	56106				462	00563	61	+	+	29			
Boscombe Down	746	00000	37050	38855	00900	56102				746	00000	23050	39956	00900	57210				746	00563	61	+	1fff	28			
Ross-on-Wye										627	10801	17100	39657	15600	58103	81630			627	00593	63	1f	+	27			
Bristol	628	00000	15050	39457	00900	57205				628	00000	13050	39857	00900	59107				628	00593	60	+	+	26			
Aberporth	502	01609	80021	37450	00900	55400				502	01710	74020	37651	00900	55301				502	00523	54	+	+	25			
Rhoose (Cardiff)	715	00506	56040	38554	00900	55802				715	00807	17040	39353	00900	54104				715	00543	57	+	1f	24			
Plymouth	827	00000	18284	38053	00900	54000				827	70505	32601	37901	755/1	53502	87624			827	97533	59	1f	ir ₀ id ₀	23			
Chivenor	707	00906	58020	38053	00900	56802				707	00906	62020	38353	00900	55302				707	00543	58	+	+	22			
St. Mawgan	817	01009	66020	37552	00900	51806				817	01008	62020	37450	00900	52504				817	00533	56	+	+	21			
Culdrose	809	21008	78030	37251	25600	54700	82630			809	30908	64030	37000	35500	51704	83625			809	00531	60	+	+	20			
Scilly	804	11409	84015	35006	11500	01607	81820			804	31406	81020	35706	31500	51000	83823			804	00041	/	+	+	19			
Elmdon	534	90000	01044	39258	910/1	59210	89/00			534	00000	03044	39958	00900	59106				534	00593	62	ff	FF	18			
Shawbury	414	00000	03484	38959	00900	60104				414	00000	14044	39159	00900	60000				414	00603	61	1fff	1f	17			
Manchester	334	01606	28044	38253	00900	56104				334	01607	58020	38452	00900	56202				334	00553	58	+	+	16			
Squires Gate	318	11211	05044	37155	15600	56801	81640			318	21311	11044	37653	00902	56301	82075			318	00563	60	ff	ff	15			
Valley	302	51518	74012	35604	55600	51708	85640			302	81620	74031	36704	856/1	51302	88640			302	00011	50	+	+	14			
Ronaldsway	204	61823	80018	35206	685/1	03605	81825	86640		204	81827	74022	35105	655/8	02801	86623	86270		204	00050	03	+	+	13			
Carlisle	222	81408	58031	36301	856/1	53803	88638			222	81613	56022	36002	856/1	53604	88637			222	00513	53	ffff	ff	12			
Watnall	354	00000	09044	39153	00900	55207				354	00000	04484	39855	00900	56105				354	00573	61	ff	ff	11			
Spurn Head	396	03205	12050	38101	00900	01207				396	02302	12104	39100	00900	51204				396	00505	/	ff	FF	10			
Finningley	360	02906	05044	38953	00900	55106				360	01807	09044	39156	00900	57000				360	00573	59	ff	ff	9			
Dishforth	261	00000	26040	38258	00900	60001				261	01402	09044	38057	00900	59801				261	00596	58	+	1fff	8			
Tynemouth	262	02307	24040	37152	00900	55400				262	02505	58020	37452	00900	54201				262	00535	55	+	+	7			
Eskdalemuir	162	80000	67021	36353	855/1	55803	88628			162	81704	66027	35300	855/1	53204	88625			162	97555	56	1s ₀	+	6			
Mull of Galloway	131	31627	80011	32606	35600	51717	83630			131	12032	80020	33207	15600	01703	81630			131	00061	/	/	/	5			
Prestwick	135	11408	70021	33400	15600	51605	81640			135	51908	69031	32402	35801	50805	83657	83075		135	00513	53	+	+	4			
Renfrew	141	01606	58041	33600	00900	51804				141	62115	66011	32204	658/1	51613	86657			141	00515	56	+	+	3			
Leuchars	171	32836	58051	33400	00901	52804	83075			171	82210	58041	32101	656/7	51809	86643	88270		171	00535	57	+	+	2			
Dyce	091	11912	56040	31651	00901	53811	81070			091	82218	59023	29902														

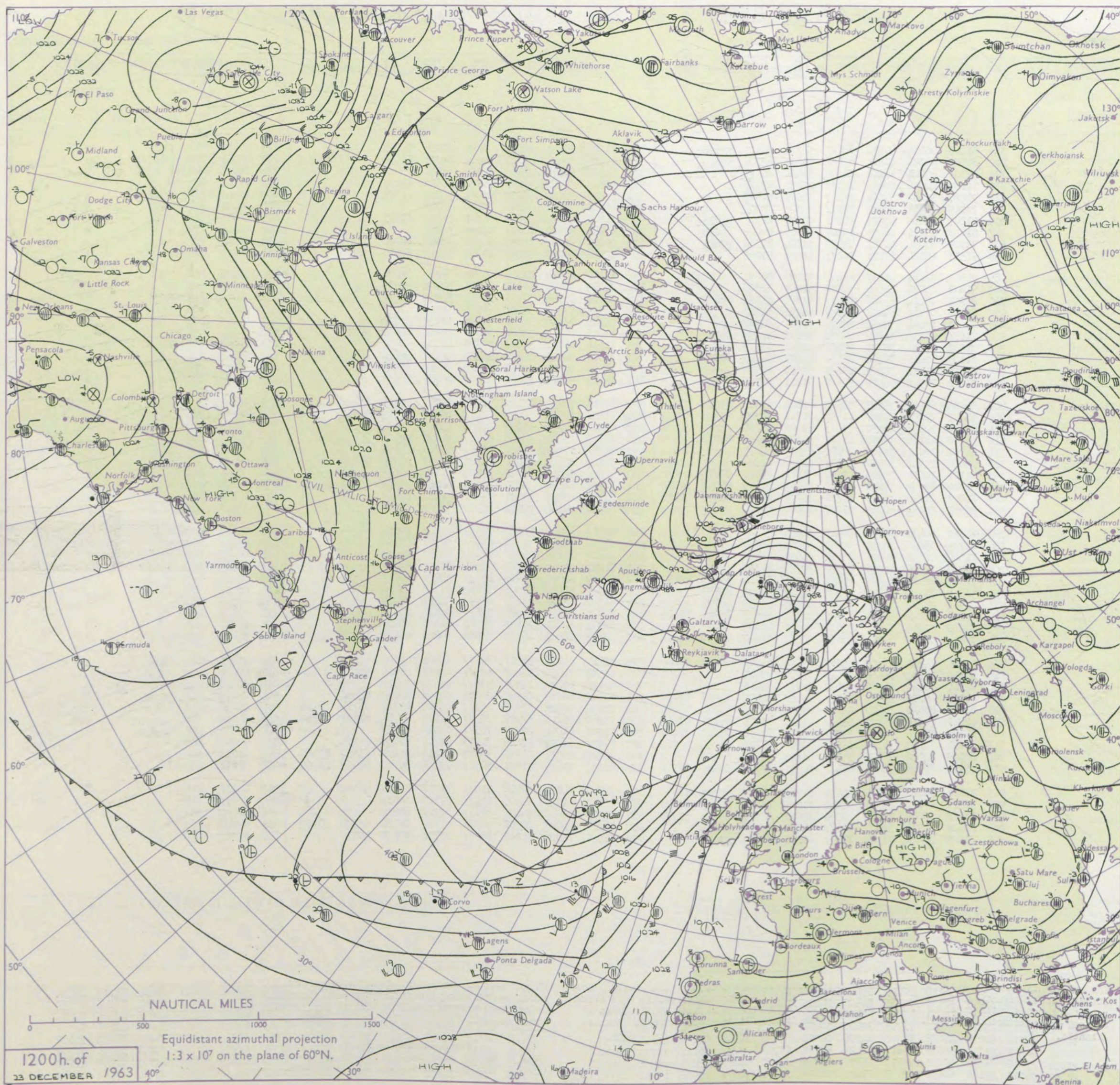
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37287

Date of Issue Tuesday 24 December 1963

Code FM II.A		OBSERVATIONS at 12h. 23 December 1963										OBSERVATIONS at 18h. 23 December 1963										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwwWW	PPPTT	NChCh _{MCH}	T _d T _d app	8N _S Ch _S h _S	8N _S Ch _S h _S	8N _S Ch _S h _S	iii	Nddff	VVwwWW	PPPTT	NChCh _{MCH}	T _d T _d app	8N _S Ch _S h _S	8N _S Ch _S h _S	8N _S Ch _S h _S	iii	RR T x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Kew	775	61408	56054	40802	68411	51702	84812	83625		775	11204	40051	37651	00901	57818	81075				775	00033	032	ff	+		
London Airport	772	81509	48284	41401	85411	00801	82708	88610		772	11205	37041	37952	00901	54718	81070				772	00033	031	FF	+		
Gatwick	776	31305	62014	41102	21401	50804	82815			776	01102	56050	38053	00900	56720				776	00033	044	f	+			
Thorney Island	871	71105	40054	40803	75511	01802	87625			871	10808	70021	37051	00901	53822	81075				871	00043	034	+	+		
Hurn	862	70000	11284	39651	75611	52803	87635			862	10605	50024	36152	00901	54714	81075				862	00043	111	ff	+		
Guernsey	894	71015	56051	39002	76211	00803	86704			894	00909	74011	34601	00900	55720				894	00041	037	+	+			
Wattisham	590	31807	29284	42001	16201	00001	81703	83075		590	11309	48020	39051	00901	55720	81075				590	00015	111	FFff	+		
Gorleston	497	41816	60011	42403	15508	01007	81620	84275		497	01615	62010	40603	00900	53717				497	00045	050	+	+			
Mildenhall	578	71005	40054	41201	75411	51804	84706	87615		578	20605	40021	38853	00901	53812	82070				578	00025	031	+	+		
Cardington	559	71513	16104	41101	76211	51801	87705			559	41106	40052	38652	00908	54712	84270				559	00023	016	ff	+		
West Raynham	485	81715	02464	41150	86111	51000	88702			485	41407	28024	39554	00901	55707	84075				485	00025	000	FFff	+		
Wittering	462	91807	F8474	41552	91011	52605	89100			462	31402	04484	38952	00901	53708	83075				462	00003	000	FF	FFff		
Boscombe Down	746	80904	06424	40250	85611	51804	86732	88630		746	21007	56054	37153	00901	54715	82078				746	00023	010	FFff	+		
Ross-on-Wye	627	80000	06434	39453	86111	54809	88702			627	01506	57024	36200	00900	52712				627	00013	000	ff	+			
Bristol	628	80202	03424	39651	86111	52801	88702			628	11105	13104	36351	00901	51715	81075				628	00013	000	FFff	+		
Aberporth	502	71611	62032	36602	10932	52809	81358	86080		502	81515	50012	33202	15607	50714	81630	88273			502	00033	034	+	+		
Rhoose (Cardiff)	715	31009	17044	38701	00901	52811	83075			715	01414	28041	35802	00900	00609				715	00033	000	ff	+			
Plymouth	827	81109	30046	37804	88411	02807	86818	88635		827	11009	32041	34602	14500	51716	81620				827	97063	006	ldo	+		
Chivenor	707	61008	56031	37701	65611	52813	86630			707	40000	50031	34500	40910	51810	84462				707	00033	016	+	+		
St. Mawgan	817	71212	58021	36504	75511	01813	81718	87628		817	21415	59011	33603	25500	00708	82625				817	00053	000	+	+		
Culdrose	809	51614	62051	36907	38505	01804	83820	83270		809	81510	74032	33104	12407	01712	81818	88270			809	00071	038	+	+		
Scilly	804	31622	79021	34407	11508	00711	81820			804	71620	82022	30407	78411	00717	82815	87620			804	00070	044	+	+		
Elmdon	534	91610	02454	40151	91011	51000	89101			534	01403	19104	37252	00900	53711				534	97003	000	FFff	ff			
Shawbury	414	51710	28104	38850	46302	51804	84708	84070		414	81610	13042	36300	86111	51811	88702				414	00013	006	+	+		
Manchester	334	41707	19041	38501	00901	53803	84075			334	81709	17044	36301	86311	52810	88706				334	00013	013	ff	ff		
Squires Gate	318	71614	19041	37200	00902	52802	87070			318	71515	24042	34951	15602	52707	81635	87070			318	00023	030	+	+		
Valley	302	71727	74021	35405	12502	01812	81825	87075		302	51526	74012	32005	45602	01718	84640	83075			302	00061	025	+	+		
Ronaldsway	204	81824	64032	34905	75412	02000	83615	86637	87070	204	71728	64022	31406	58402	02715	81818	85640	87075		204	00070	000	+	+		
Carlisle	222	71709	59022	36002	15772	55000	81650	84462	87075	222	31508	48021	33101	25641	51817	82640				222	00033	009	+	+		
Watnall	354	92307	F9494	40253	91011	53000	89101			354	81802	05464	38252	86211	52807	88705				354	00513	000	FF	ff		
Spurn Head	396	01810	08424	40251	00900	51004				396	71810	32034	39450	75511	51000	87620				396	93025	000	FFff	+		
Finningley	360	61705	05044	39351	00902	53805	86070			360	81908	24044	38400	86311	51707	88706				360	00013	000	ff	ff		
Dishforth	261	11505	04044	38254	10930	55808	81365			261	41811	13284	36952	00902	53702	84072				261	00006	000	ff	ff		
Tynemouth	262	72012	12051	36400	70971	54709	87365			262	71917	16052	35100	00906	51103	87275				262	00025	000	+	+		
Eskdalemuir	162	71809	69012	34801	65521	53203	81714	83625	86637	162	61809	62012	32200	65511	52812	86625				162	00025	001	+	+		
Mull of Galloway	131	52032	74031	32207	58500	02000	83824	85630		131	82332	63022	29006	87411	04718	88718				131	00071	111	/	/		
Prestwick	135	71914	68022	31305	15641	02805	81630	86075		135	81714	62032	29105	85511	02711	81620	88625			135	00063	001	+	+		
Renfrew	141	72119	61022	31406	45532	02001	81628	84645	86075	141	71906	56042	29205	75611	02814	87633				141	00061	000	+	+		
Leuchars	171	72218	59042	31004	15638	01303	81645	87275		171	52303	62022	29403	55500	51807	85629				171	00053	005	+	+		

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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Wind
speed
(knots)

Calm

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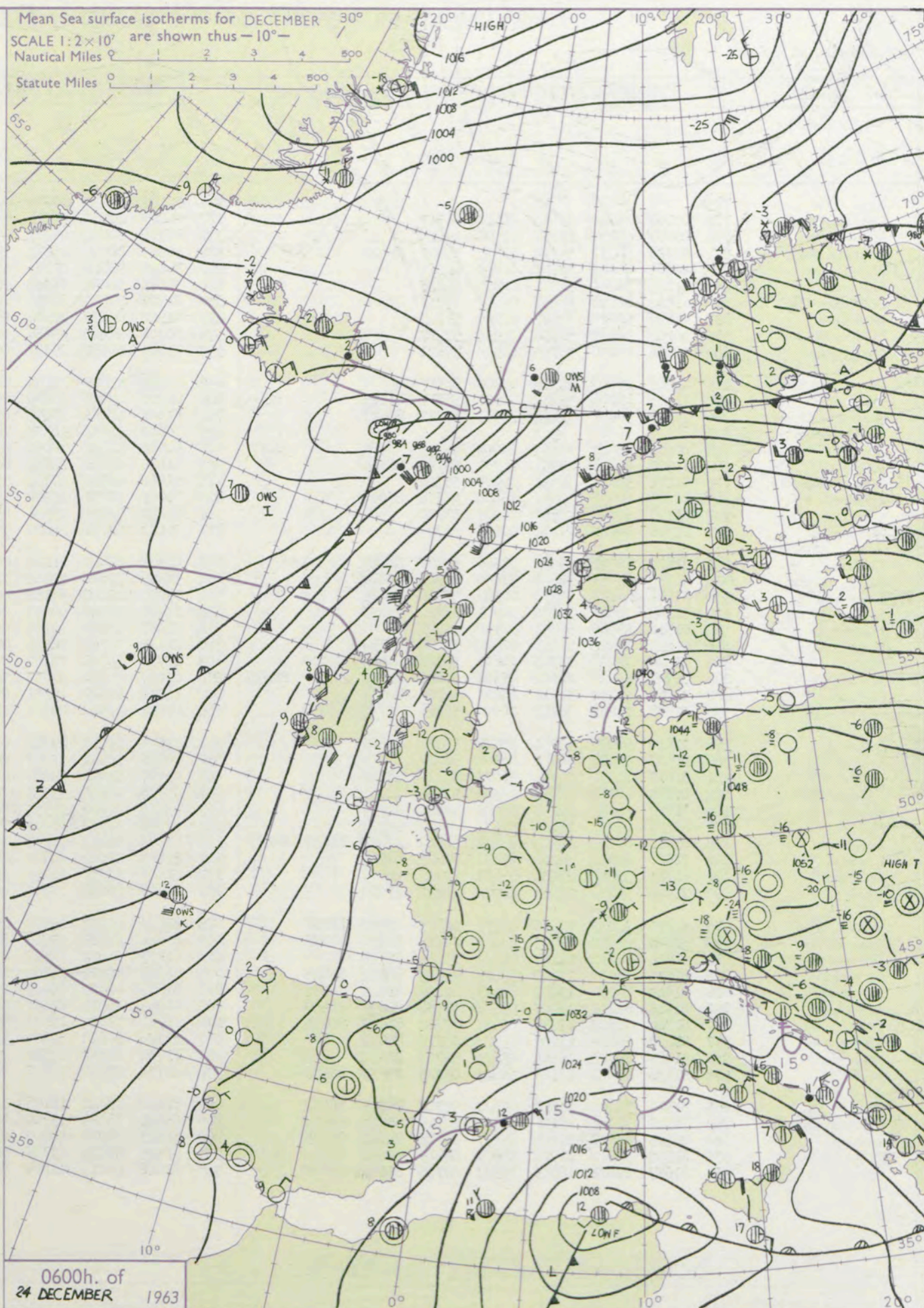
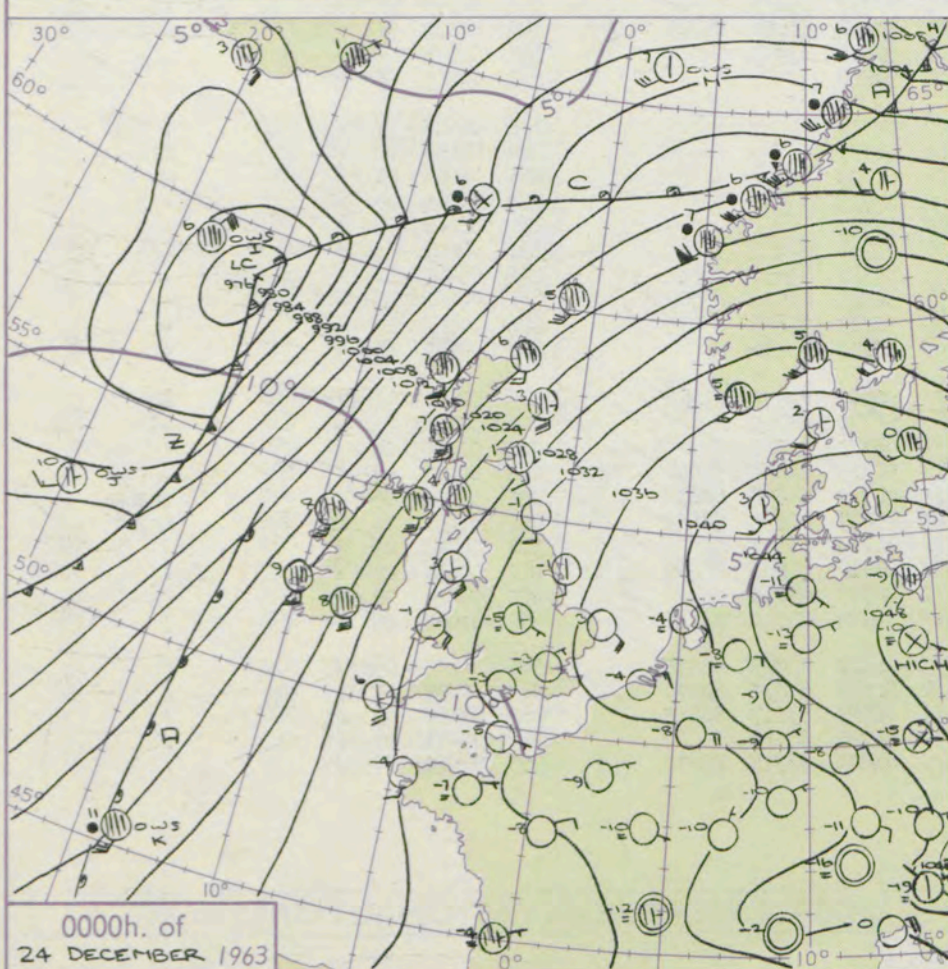
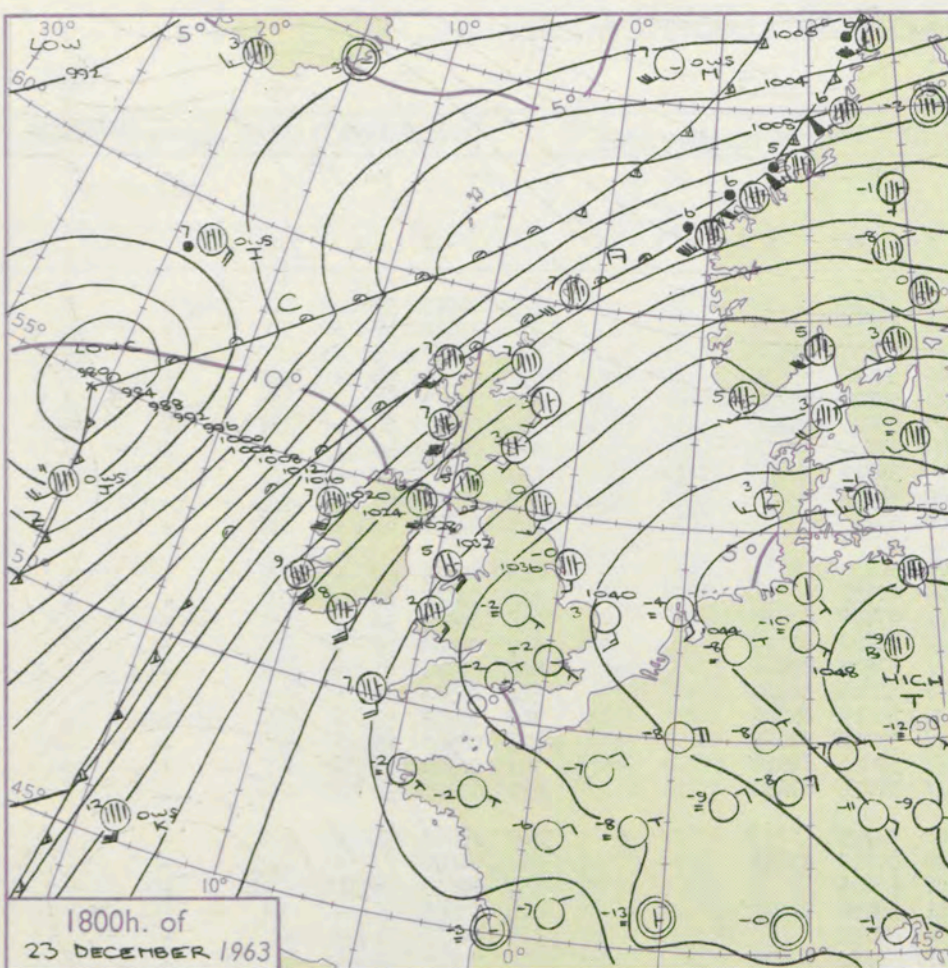
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 24 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The continental anticyclone will continue to move southeast as a trough of low pressure moves steadily though rather slowly east into the British Isles. A depression, within this trough near the Faeroes, will continue to move northeast whilst another will develop southwest of Ireland and also move northeast. A ridge of high pressure will move east over the western Atlantic.

Cloudy weather with near normal temperatures will spread over northern and western districts today and to central districts by noon tomorrow. Rain will affect northwestern and, later, other western districts. It will be dry but cold in eastern districts with widespread frost tonight.

OUTLOOK for following 24 hours.

Cloudy weather, with rain in places, and near normal temperatures in northern and western districts extending slowly eastwards.

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

Code FM 11.A		OBSERVATIONS at 00h. 24 December 1963										OBSERVATIONS at 06h. 24 December 1963										OBSERVATIONS during NIGHT					CONV TA °C
Station	ill	Nddff	VVwww	PPPTT	N _h Ch _s M _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwww	PPPTT	N _h Ch _s M _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RR T _n E	T _g Ig	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			52						775	01108	70020	28955	00900	57710					775	00553	59	+	+	40		
London Airport	772	00704	33040	35353	00900	56717				772	01009	40040	29756	00900	58735					772	00563	59	+	+	39		
Gatwick	776	00000	60020	35358	00900	59614				776	80706	62031	29257	85411	58835	88618				776	97583	63	+	+	38		
Thorney Island	871	80704	56051	34352	85511	55817	88622			871	30903	48051	28553	35500	55630	83621				871	00533	58	+	+	37		
Hurn	862	00605	48041	32853	00900	54827				862	50605	58012	27353	35530	54720	83625	83360			862	00573	61	+	+	36		
Guernsey	894	01213	56050	31251	00900	55825				894	51512	50051	26953	56400	55825	85710				894	00533	54	+	+	35		
Wattisham	590	01410	48020	36453	00900	57717				590	01509	59020	30055	00900	57740					590	00565	59	+	+	34		
Gorleston	497	01522	62020	37603	00900	51715				497	01522	62020	30902	00900	54841					497	00005	52	+	+	33		
Mildenhall	578	00102	56020	36156	00900	57717				578	00706	58020	29956	00900	58735					578	00585	62	+	+	32		
Cardington	559	00904	48050	35755	00900	57821				559	01107	50050	29757	00900	60736					559	00593	64	+	+	31		
West Raynham	485	01208	26020	36556	00900	58817				485	01312	58020	30055	00900	58739					485	00575	60	+	+	30		
Wittering	462	11303	19104	36357	00901	58717	81075			462	01203	23100	30659	00900	60731					462	00603	66	ff	+	29		
Boscombe Down	746	70906	56051	34454	75511	57822	87621			746	81001	48051	28955	85411	57720	88618				746	00563	58	+	+	28		
Ross-on-Wye	627									627	70802	24051	28357	76411	06722	87710				627	00583	59	+	+	27		
Bristol	628	00906	56040	33153	00900	56725				628	50509	58041	28056	55611	57822	85640				628	00573	61	+	+	26		
Aberporth	502	11522	56031	28951	10951	53724	81360			502	81410	62031	24952	86411	54715	88712				502	00533	55	+	+	25		
Rhoose (Cardiff)	715	01111	58040	32551	00900	53724				715	51011	48040	27752	55600	53619	85640				715	00533	55	+	+	24		
Plymouth	827	10805	62030	30351	15600	52728	81630			827	71009	58031	25900	75511	53832	87625				827	00523	59	+	+	23		
Chivenor	707	01115	62020	29850	00900	53730				707	81211	58031	25951	85411	52824	88618				707	00523	57	+	+	22		
St. Mawgan	817	01316	62020	29102	00900	52723				817	71412	62031	24402	75611	52724	87630				817	00003	52	+	+	21		
Culdrose	809	31610	78021	29003	38500	51720	81820			809	01608	69010	24401	00900	52723					809	00000	54	+	+	20		
Scilly	804	31718	81011	26506	31500	00717	83825			804	31615	79020	22605	31500	00719	83825				804	00040	11	+	+	19		
Elmdon	534	31507	26114	34255	00902	57828	83075			534	00000	26040	30162	00900	63625					534	97633	68	ff	+	18		
Shawbury	414	31203	28041	33154	00901	55822	83075			414	11206	20040	28357	00901	58828	81075				414	00583	59	+	+	17		
Manchester	334	01510	48040	32551	00900	59726				334	01707	58020	28155	00900	57722					334	00573	61	+	+	16		
Squires Gate	318	61414	30042	31553	00902	57220	86070			318	21423	30041	26555	00901	58732	82072				318	00553	57	+	+	15		
Valley	302	31626	74021	28303	15601	56721	81640	83075		302	41728	74020	23702	00901	57727	84075				302	00003	52	+	+	14		
Ronaldsway	204	71727	64022	28604	48501	00812	81822	84630	86075	204	61819	66031	23803	35601	53828	83630	85075			204	00020	01	+	+	13		
Carlisle	222	31310	58020	31501	25601	54709	82635			222	11316	59020	26151	00901	59833	81073				222	00523	54	+	+	12		
Watnall	354	01408	11284	34755	00900	56829				354	01002	21040	29857	00900	59630					354	00593	66	ff	+	11		
Spurn Head	396	21810	59030	35151	25500	53727	82625			396	01915	59010	29701	00900	52735					396	00515	11	+	+	10		
Finningley	360	01607	05424	34955	00900	56827				360	00000	13284	30057	00900	58731					360	00603	62	ff	ff	9		
Dishforth	261	81610	14051	34353	86411	55720	88712			261	01207	23051	29659	00900	61729					261	00606	61	+	+	8		
Tynemouth	262	01820	48051	32951	00900	53714				262	01808	48050	29153	00900	55722					262	00545	56	+	+	7		
Eskdalemuir	162	31712	56051	29752	26302	54817	82708			162	02111	74010	25553	00900	65723					162	00565	60	+	+	6		
Mull of Galloway	131	82330	63032	25105	87411	01400	88718			131	72328	66032	21903</														

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

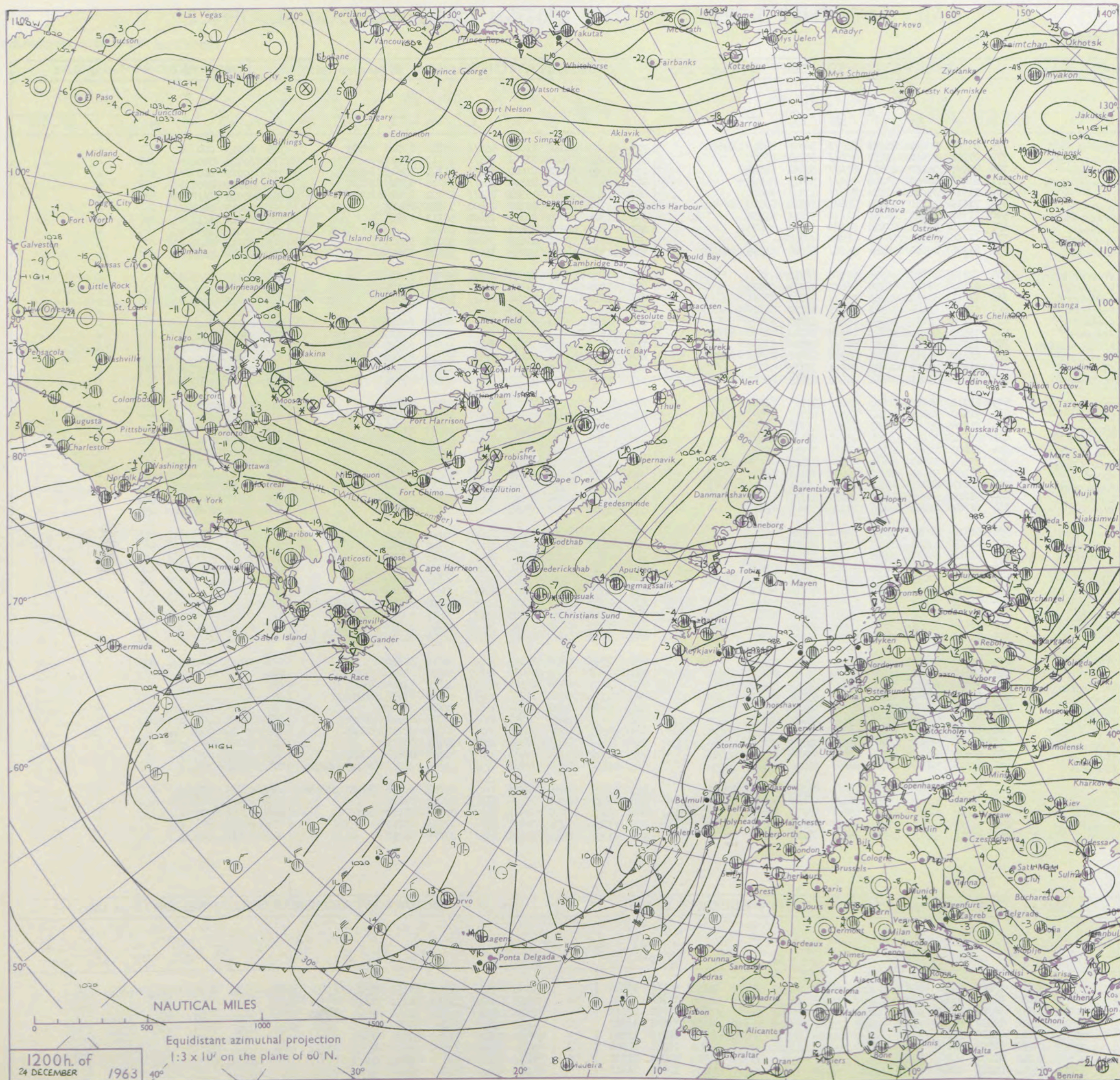
No. 37288

Date of Issue Wednesday 25 December 1963

VERSION
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Code FM 11.A		OBSERVATIONS at 12h. 24 December 1963									OBSERVATIONS at 18h. 24 December 1963									OBSERVATIONS during DAY					
Station		iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT T E	SSS	WEATHER		
																								09h.—15h.	15h.—21h.
Kew	775	81306	20051	25352	855//	56826	86712	88620			775	81507	48052	21000	855//	53722	83715	88621			775	00013	000	+	+
London Airport	772	81208	32041	25752	855//	55825	88622				772	71206	25042	21151	755//	53713	87623			772	00013	000	+	+	
Gatwick	776	80907	26052	25853	854//	55824	88618				776	81509	37052	21600	854//	51721	85613	88616			776	00013	000	+	+
Thorney Island	871	81608	48052	25200	855//	53825	88625				871	72014	56022	21502	755//	53719	83715	87627			871	00023	000	+	+
Hurn	862	81510	39042	23700	855//	53723	88620				862	81711	40042	19901	854//	53822	83612	88619			862	00013	///	+	+
Guernsey	894	71619	48052	23452	754//	54725	83710	87612			894	41717	40051	20300	45400	53717	84612			894	00013	000	+	+	
Wattisham	590	11707	48020	26753	11600	57822	81830				590	21308	28050	23154	25400	56713	82615			590	00525	///	+	+	
Gorleston	497	51816	56051	27650	54500	52723	85625				497	02308	48051	23651	00900	52712				497	00025	009	+	+	
Mildenhall	578	01103	32050	26753	00900	57723					578	30704	32051	22054	35400	56818	83615			578	00513	043	+	+	
Cardington	559	81206	19051	26154	5568/	57825	85635	86360			559	71309	14052	21253	754//	54625	87615			559	00523	000	+	+	
West Raynham	485	02109	56020	26556	00900	57720					485	11409	32020	22357	00901	58719	81075			485	00525	054	+	+	
Wittering	462	81505	28031	26356	864//	58724	88710				462	81508	26022	21453	864//	55623	88711			462	00533	012	+	+	
Boscombe Down	746	81311	37052	24252	854//	54726	88617				746	71613	48052	21251	754//	53814	87615			746	00513	000	+	+	
Ross-on-Wye	627	81003	48052	22953	864//	54730	88710				627	81603	57022	18351	864//	55723	88710			627	00003	000	+	+	
Bristol	628	71105	22042	23351	755//	53724	87625				628	81208	23042	18351	855//	54729	88622			628	00013	000	+	+	
Aberporth	502	71522	56012	19050	11538	54842	81820	87270			502	71514	56022	13751	755//	53828	87625			502	00003	001	+	+	
Rhoose (Cardiff)	715	71712	56042	22751	755//	55726	87625				715	81613	32042	17901	854//	53519	84615	88622			715	00013	000	+	+
Plymouth	827	41410	59011	22002	48510	53621	81822	83625			827	71517	35041	16903	785//	50729	82820	87632			827	00053	020	+	+
Chivenor	707	31317	59011	21001	00901	53735	83075				707	71213	56021	17100	756//	53623	87630			707	00023	031	+	+	
St. Mawgan	817	71616	59031	20601	68508	53619	82822	85625 86275			817	71518	58022	14304	756//	50727	87630			817	97051	030	+	ir ₀	
Culdrose	809	81712	66052	20603	856//	51723	83718	88630			809	81819	14052	13705	855//	02727	88625			809	97051	008	+	ir ₀	
Scilly	804	71820	74022	18206	784//	01717	83815	87620			804	81827	69022	10308	884//	05740	82812	88622			804	01081	010	+	ir ₀ ir
Elmdon	534	71506	28042	24455	754//	56731	87615				534	81610	35042	19352	854//	53723	87613			534	00513	000	+	+	
Shawbury	414	81602	37041	23354	855//	57728	88626				414	71307	32042	17252	754//	54727	85617	87625			414	00513	000	+	+
Manchester	334	71609	40031	24154	755//	58716	87622				334	81715	40042	17652	854//	54728	88612			334	00513	012	+	+	
Squires Gate	318	71515	30041	23654	60932	57715	86359	87072			318	71519	28042	15852	754//	55828	87617			318	00523	008	+	+	
Valley	302	71420	58041	19850	15602	56823	81635	87070			302	71526	58042	13501	755//	54730	87628			302	00023	000	+	+	
Ronaldsway	204	71617	62022	20202	15502	52821	81625	87068			204	81626	58022	13102	854//	52734	85619	88628			204	00030	002	+	+
Carlisle	222	71210	56041	22101	20932	53720	82360	87070			222	21311	23051	15955	00901	58721	82070			222	00020	026	+	+	
Watnall	354	71707	11044	25456	754//	57826	87618				354	81708	19042	19953	863//	55724	88709			354	00523	000	1f	+	
Spurn Head	396	01814	48010	26252	00900	55725					396	81820	48031	21052	855//	56724	88625			396	00515	035	+	+	
Finningley	360	01409	23040	25255	00900	58829					360	81612	23041	20153	854//	55722	88616			360	00523	000	+	+	
Dishforth	261	01309	28040	24755	00900	58828					261	81512	16041	18654	864//	56721	88712			261	00536	035	+	+	
Tynemouth	262	31822	32050	24052	00901	55725	83075				262	51820	32051	17655	00901	59735	85075			262					

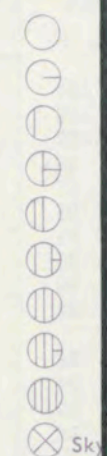
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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of sym

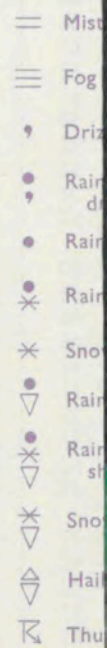
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Symbol

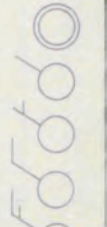


WEA

Symbol



Symbol



For each
half-feet
5 knots

CHARTS OF WEATHER IN WEST EUROPE

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7 or more
8

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Wind
speed
(knots)

Calm

1-2

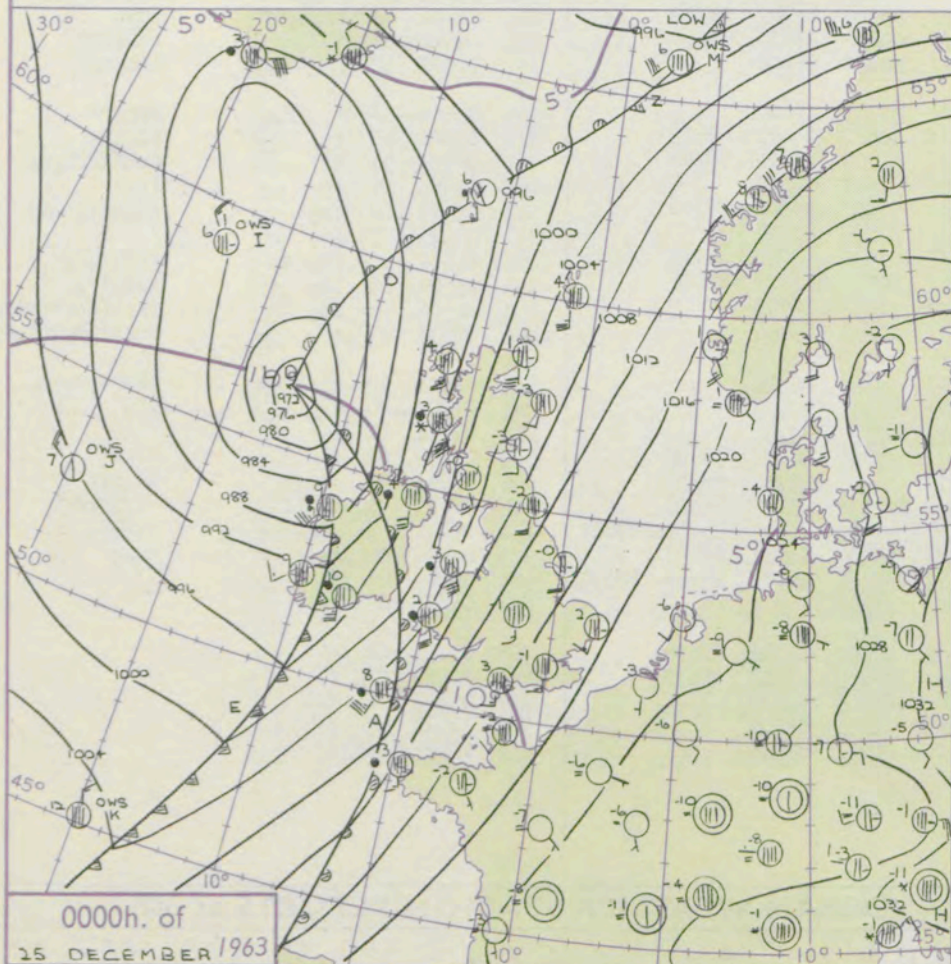
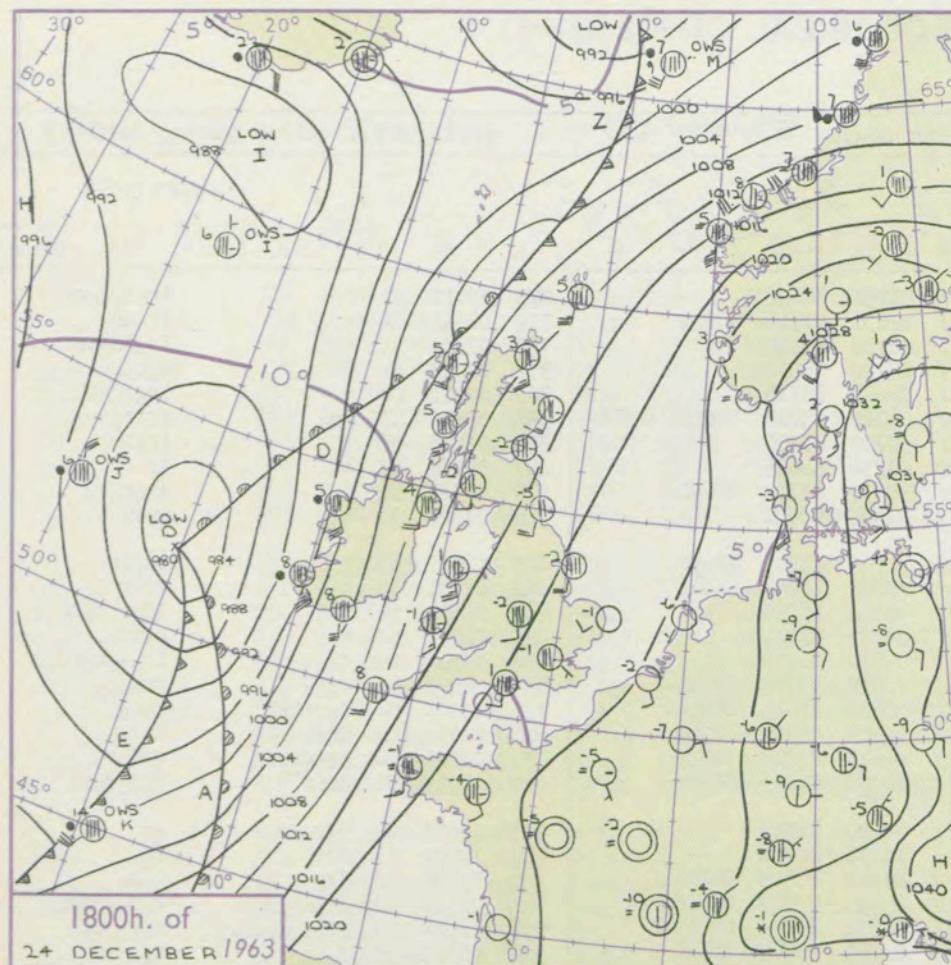
3-7

8-12

13-17

Additional
er add

48-52



GENERAL SYNOPTIC DEVELOPMENT

A depression which deepened off Ireland yesterday will continue northeast to the Norwegian Sea. The associated fronts will cross the British Isles during today except for the south-eastern part of England where the front will become slow moving. The next depression in the family will be cut-off near Portugal, but a further low from Newfoundland will move to mid-Atlantic by tomorrow. The high pressure area over the Continent is now over the Black Sea, and continues to recede.

Issued at midday Wednesday 25 December 1963

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The southeastern corner of England will probably remain mostly cloudy, with further rain, but all other parts of the British Isles will be brighter, with sunny intervals. Showers will be frequent in the northwest, heavy locally. Clear periods in central and eastern areas tonight, and in Northern Ireland where slight frost is likely. Temperatures not far from normal except over thawing snow in the northeast.

OUTLOOK for following 24 hours

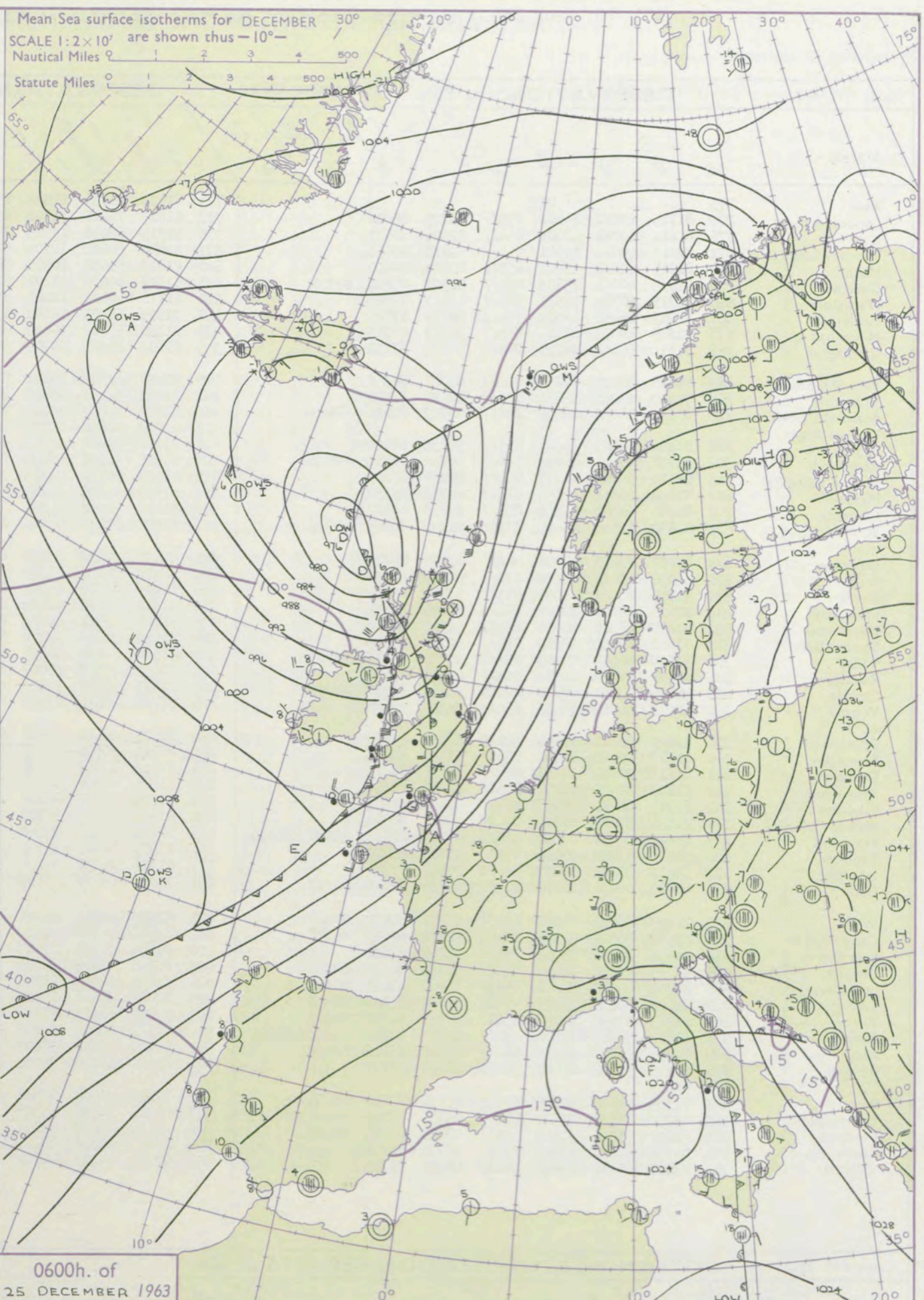
Near normal temperatures, with sunny intervals in most areas except perhaps the extreme southeast. Showers in the northwest.

Mean Sea surface isotherms for DECEMBER

SCALE 1:2 x 10' are shown thus -10°-

Nautical Miles

Statute Miles



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

Code FM II.A		OBSERVATIONS at 00h. 25 December 1963										OBSERVATIONS at 06h. 25 December 1963										OBSERVATIONS during NIGHT					CONV TA °C		
Station	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _e	T _g T _g	WEATHER							
																						21h.—03h.	03h.—09h.						
Kew	775				01						775	81914	66026	11504	855//	01731	88622			775	01011	50	+		1r0r0r0rr	40			
London Airport	772	81715	69022	16801	855//	53725	88624				772	81817	74216	11304	855//	01631	81718	88622			772	01011	51	+		1r0rr	39		
Gatwick	776	81811	62022	17401	854//	52824	88617				776	71815	62036	12505	754//	00726	87618			776	01001	51	+		1r0idodr	38			
Thorney Island	871	82213	69022	17901	854//	52818	88616				871	82020	58602	12704	854//	03722	88616			871	03003	51	+		2r0r0rr	37			
Hurn	862	81715	62022	15403	855//	00824	88620				862	81817	59636	10905	864//	04622	88710			862	09012	00	+		1r0rrRR	36			
Guernsey	894	81625	40051	15803	862//	01721	85704	87708			894	81827	60026	11706	854//	04719	83710	85614	87626		894	03011	53	ir ₀		rrir ₀	35		
Wattisham	590	71715	40021	18551	764//	53823	87713				590	81718	48602	12401	857//	50730	88650			590	01525	53	+		1r0ir	34			
Gorleston	497	71917	48052	19402	755//	00719	87625				497	21925	58051	14102	25500	01734	82625			497	94012	53	+		1r	33			
Mildenhall	578	81209	48051	18000	854//	52717	88615				578	81116	59602	10602	857//	50738	83712	88650			578	91511	52	+		1r0r0r0	32		
Cardington	559	71814	56012	16201	755//	53727	87621				559	81815	56606	09703	855//	01636	88621			559	01521	53	+		r0r0	31			
West Raynham	485	81818	28021	17751	863//	52721	88707				485	81825	37502	10201	857//	51743	85715	88650			485	02535	53	+		1d0rr	30		
Wittering	462	71410	23042	15851	755//	52729	87624				462	81720	56237	08501	863//	00738	83708	88711			462	02531	54	+		rsrr	29		
Boscombe Down	746	81512	58052	16800	854//	52723	84615	88621			746	81712	56617	10403	863//	02731	88706			746	04511	52	is ₀			1d0r0r0rr	28		
Ross-on-Wye											627	81810	60636	05705	8042/	04630	88510			627	04001	52	+			rrido	27		
Bristol	628	81404	48042	12501	855//	52735	88620				628	81717	32617	05705	873//	05720	88708			628	09511	53	ir ₀ s ₀			1r0s0r0r0	26		
Aberporth	502	81528	48601	04102	856//	00749	84712	88630			502	81618	32596	99807	872//	06620	87703	88705			502	08501	51	r0r0			rrd0r0	25	
Rhoose (Cardiff)	715	81514	56602	11203	854//	00837	88619				715	81917	58636	04706	2542/	06623	82615	88556			715	13001	00	ir0rrRR			r0r0	24	
Plymouth	827	81624	28655	11306	874//	05731	88710				827	81930	32636	06109	95732/	09619	85707	88508			827	13031	03	RRd0d0			RRrr	23	
Chivenor	707	81316	58588	09404	854//	03739	88617				707	81826	58636	04009	3742/	08613	83710	88530			707	06011	00	pr0dr			rrd0r0	22	
St. Mawgan	817	81630	32535	06806	872//	06742	84703	88704			817	81822	32636	03610	872//	10503	84703	88706			817	14042	04	ddrr			rrd0d0if	21	
Culdrose	809	82027	70616	07308	862//	07735	88705				809	82130	40636	03310	863//	10607	88708			809	12052	54	r0r0rr			rr	20		
Scilly	804	82036	48636	04208	873//	08840	88706				804	82918	58636	03310	863//	10311	88706			804	12072	//	rr			rr	19		
Elmdon	534	81716	63022	13951	855//	53715	88623				534	81719	63616	06502	872//	01632	85705	88708			534	03511	52	ir ₀			r0r0	18	
Shawbury	414	81611	48042	10400	854//	52844	88614				414	81708	40616	03604	873//	03725	83707	88708			414	06511	52	ir0r0r0			r0r0rrir0	17	
Manchester	334	81617	48022	10800	854//	52740	88616				334	81726	62617	02003	854//	01633	83709	88615			334	01512	52	ir0r0s0r0r0			r0r0d0d0	16	
Squires Gate	318	71622	40042	08950	754//	52739	87619				318	81625	40616	99702	856//	01740	85709	88630			318	04521	53	r0r0			r0r0RR	15	
Valley	302	81538	58602	03203	855//	50756	82618	88625			302	81640	61616	96487	874//	05619	86710	88713			302	04011	51	ir0rr			ir0r0r0	14	
Ronaldsway	204	81428	58682	04203	855//	00750	88623				204	82039	26597	95007	873//	07540	84707	88709			204	08011	00	r ₀ s0rr			rrdr	13	
Carlisle	222	71509	37051	08652	40956	55844	84360	87270			222	81623	59237	97003	856//	00650	83630	88640			222	04542	55	+			rsrsir0	12	
Watnall	354	82012	40022	14551	855//	54727	88620				354	81711	28616	07201	872//	51630	88706			354	11525	52	+			RRR0r0	11		
Spurn Head	396	51619	32012	15950	50930	53729	85358				396	81625	48606	07701	855//	51743	88620			396	01535	//	+			r0r0rr	10		
Finningley	360	81517	25042	14251	855//	53732	88625				360	81724	50616	05901	854//	51644	84611	88615			360	03521	55	+			rrr0r0	9	
Dishforth	261	81513	20042	12751	854//	54735	88618				261	81613	17657	03600	872//	51740	87705	88709			261	09536	54	+			pHRRrrrrr0r0	8	
Tynemouth	262	81825	32052	10452	8092/	52745	88458				262	81828	61606	00000	8062/	51761	88540			262	97555	56	+			ir0	7		
Eskdalemuir	162	81615	40052	08654	864//	56640	88711				162	81609	19737	97200	872//	51643	85704	88706			162	12577	60	is ₀			is0ssss0sodd	6	
Mull of Galloway	131	81436	58626	01102	874//	00868	88710				131	81850	48637	90808	873//	07521	88706			131	03021	//	/			/	5		
Prestwick	135	81522	56032	03350	854//	52745	82714	85618	88630		135	81723	60617	92204	855//	02530	83708	84712	88625		135	04511	52	is0rs			r0s0r0r0	4	
Renfrew	141	81315	62022	05051	855//	55740	88620				141	83005	62207	93002	854//	50747	82710	88618			141	05526	52	is ₀			s0s0ir0	3	
Leuchars	171	51511	56042	07353	50970	56841	85360				171	91310	14737	95200	910//	51659	89103			171	04566	58	is ₀			is0ifssrsrsir0	2		
Dyce	091	81811	40052	06553	25507	54735	82620	86270			091	91826	09777	95200	910//	00753	89104			091	03537	55	+			ks0ir0s0if0r0c	1		
Wick	075	71629	66022	01001	2563/	55757	82630	87360			075	81629	14868	90301	894//	52787	88910			075	02515	50	+			ph0Pr0s0ps	0		
Cape Wrath	049	60902	66012	97603	25606	52740	82630	86275			049	81820	66026	82305	865//	00782	88720			049	03002	00	+			ir0	-1		
Sule Skerry	010	71624	74032	99303	755//	52745	87620				010	91544	01696	85002	910//	02769	89100			010	05012	51	/			/	-2		
Lerwick	005	81733	62022	04704	6557/	51738	86626	88360			005	81742	62022	93104	854//	51760	86614	88626			005	03032	02	+			irrr	-3	
Stornoway	026	81724	66022	95604	3552/	53863	83625	88460			026	81638	66027	78706	855//	04891	83716	88620			026	05011	00	ir0rs			ir0Pro	-4	
Benbecula	022	81649	40636	92003	7742/	03880	87714	88518			022	82042	58216	78907	855//	07538	85715	88624			022	08021	01	r0r0rr			rrr0r0Pro	-5	
Tiree	100	81345	17697	93203	854//	03768	84708	88612			100	72132	58217	84607	755//	06514	82708	85621	87627		100	07011	00	RSdsdsdrdr			drdrtr	-6	
Aldergrove	917	81532	58607	97304	854//	03765	83710	85613	88624		917	72417	66016	94107	755//	05329	84621	87633			917	04021	02	ir0s0rrr0r0			r0r0	-7	
Malin Head	980	81631	66607	50904	864//	02769	85710	88630			980	82427	66026	90607	864//	04336	82710	85717	88630		980	05001	01	/			/	-8	
Belmullet	976	82135	55596	85609	864//	08647	88711				976	02621	66026	95308	00900	01245					976	08071	05	/			/	-9	
Birr	965	81325	61606	92608	874//	07736	87714	88634			965	82310	74026	98508	864/	07347	85714	88636			965	02041	01	/			/	-10	
Collinstown	969	81730	61617	97506	863//	05755	82706	84708	88711		969	82411	80																

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

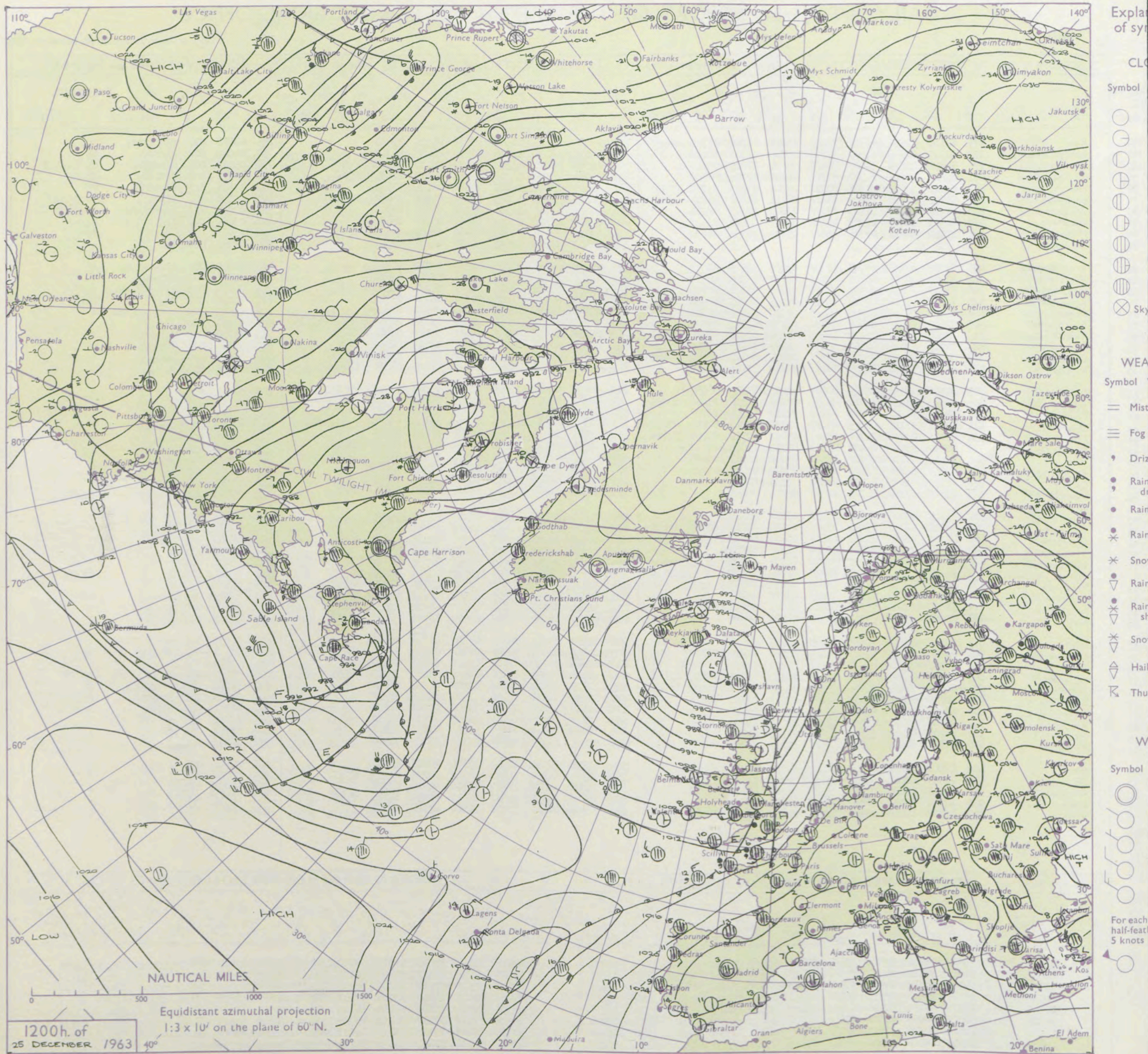
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37289

Date of Issue Thursday 26 December 1963

Code FM 11.A		OBSERVATIONS at 12h. 25 December 1963										OBSERVATIONS at 18h. 25 December 1963										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T x E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Kew	775	82116	58616	10306	7742/	05804	84710	87715	88550	775	73408	56026	14507	75611	06235	87635			775	04071	000	r _o r _o rrir _o	ir _o			
London Airport	772	81915	48636	10306	85611	05804	87708	88630		772	62006	58036	14806	60930	06235	86360			772	04082	000	RRrrdd	dd			
Gatwick	776	82016	48616	12006	85411	05604	87705	88615		776	62306	04464	15805	17230	05234	81705	86360		776	05081	000	r _o r _o d _o r _o	d _o r _o d _o d _o ff			
Thorney Island	871	82219	48216	11607	87311	06806	82706	88708		871	72801	11126	16306	35731	05237	83656	87360		871	06091	001	rrrDir _o	ir _o ff			
Hurn	862	82019	32636	10308	7722/	08101	83703	87705	88510	862	72305	19056	16107	75611	06235	87649			862	03101	111	rrRRdrDR	FF			
Guernsey	894	81922	66616	12809	85411	08111	84708	86615	88625	894	80000	56506	17109	75671	09226	83630	87650		894	02101	000	ir _o r _o r _o	id _o d _o r _o ff			
Wattisham	590	81918	35616	11103	87211	03803	86705	88710		590	82409	13206	14306	86111	06226	88702			590	03062	111	ir _o rrd _o r _o	d _o d _o ifff			
Gorleston	497	82025	40616	11303	4542/	02607	84618	88630		497	82210	48106	12805	85511	05317	88620			497	03062	000	ir _o	r _o r _o			
Mildenhall	578	81414	48616	09305	85611	03702	86708	88630		578	72208	37106	13606	45630	05230	84635	86360		578	03071	000	ir _o rr	ff			
Cardington										559	22413	35105	13905	20970	04235	82362			559	01081	000	id _o	+			
West Raynham	485	81822	49636	08403	6732/	03707	86709	88630		485	82215	09466	12505	86211	05232	88703			485	04061	000	rrrr _o r _o d _o d _o	ff			
Wittering	462	81918	40587	08305	87211	05206	83705	88707		462	72506	40026	13505	75411	05241	87612			462	01061	000	r _o r _o d _o d _o	+			
Boscombe Down	746	81917	32516	09907	86211	07501	85704	88709		746	72309	59031	16205	75611	04231	87645			746	04081	003	rrrr _o r _o d _o d _o	+			
Ross-on-Wye	627	72302	57026	07808	58521	07235	82825	83630	87458	627	72302	60028	14005	50931	04236	85362			627	91091	001	id _o	pro			
Bristol	628	82411	20516	08308	85411	08224	87707	88612		628	72108	48055	14606	70931	05232	87360			628	01091	000	r _o r _o d _o r _o d _o d _o	+			
Aberporth	502	82513	66036	07608	85611	07237	83710	88635		502	71910	66032	13906	12578	05235	81820	83365	87275	502	91091	000	ir _o	+			
Rhoose (Cardiff)	715	72614	58016	09008	45548	07231	81708	83628	86360	715	82606	66032	14606	88411	05235	83815	88656		715	94091	000	r _o r _o ddff	+			
Plymouth	827	72709	40046	10709	16471	08139	81710	87360		827	80000	40042	15909	80931	07229	88359			827	94101	006	rrd _o r _o	+			
Chivenor	707	72515	66016	09709	25571	08237	82620	83360	87465	707	72005	61022	15107	12531	05232	81820	87359		707	97101	000	d _o d _o	+			
St. Mawgan	817	82513	58026	10409	11471	07134	81815	88462		817	72409	62022	15209	11431	07225	81818	87362		817	00101	013	+	+			
Culdrose	809	82711	62056	10409	80971	09235	87358	88462		809	82607	64052	15008	85611	07224	83718	88630		809	00111	006	+	+			
Scilly	804	72615	66026	10710	38478	07238	81816	85360	87275	804	82813	60022	14910	80951	06223	88364			804	00111	017	+	+			
Elmdon	534	82011	28206	06707	87211	07117	87704	88708		534	62309	28045	12905	50971	04240	84360	83075		534	91081	000	id _o ir _o	+			
Shawbury	414	72007	37216	06207	65421	06232	83706	84618	87458	414	71803	66112	13204	25732	03240	82650	85365	86075	414	97083	000	ir _o d _o r _o	+			
Manchester	334	72111	23206	05006	75411	05227	82705	84709	87618	334	61904	48042	11803	00902	01240	86075			334	95061	000	d _o d _o	+			
Squires Gate	318	72710	56046	04207	15602	05234	81640	87070		318	72510	58041	11204	78511	04235	83821	86650		318	92071	014	r _o r _o ir _o	+			
Valley	302	72614	69026	05707	18402	05240	81818	87075		302	62413	69031	12407	45501	04237	82620	84640	86075	302	97091	014	ir _o	+			
Ronaldsway	204	32617	82036	03908	11401	05241	81815	83072		204	12522	83021	10207	11401	02335	81818			204	00090	041	+	+			
Carlisle	222	22313	61056	02207	28501	03235	82820			222	12312	62020	08705	15600	02235	81640			222	97083	037	ir _o	+			
Watnall	354	82312	17106	06105	86311	05310	88707			354	82402	10106	13004	55607	04240	85631	88275		354	95062	000	ir _o if	ir _o ff			
Spurn Head	396	81625	48026	05604	85411	03310	88615			396	52512	16102	11305	00901	04236	85075			396	01052	000	rr	+			
Finningley	360	82018	50046	05605	85511	04114	82712	85620	88640	360	62511	23042	12006	00902	03242	86074			360	92071	000	ir _o	+			
Dishforth	261	81910	32216	03903	85511	03220	84712	88620		261	61806	62031	10804	10936	02238	81360	86275		261	92066	002	ir _o	+			
Tynemouth	262	52015	32056	01503	50970	02327	85358			262	12306	58021	08305	15600	00238	81635			262	00075	006	+	+			
Eskdalemuir	162	32312	66017	00605	35600	02331	81707			162	02411	66010	07203	00900	00232				162	00057	042	+	+			
Mull of Galloway	131	22722	74011	02607	15600	07242	81630			131	12725	81020	09506	15600	04240	81630			131	00071	111	/	/			
Prestwick	135	12522	66016	99307	18500	02232	81820			135	32417	78030	05906	38500	03234	81820	83640		135	00081	045	+	+			

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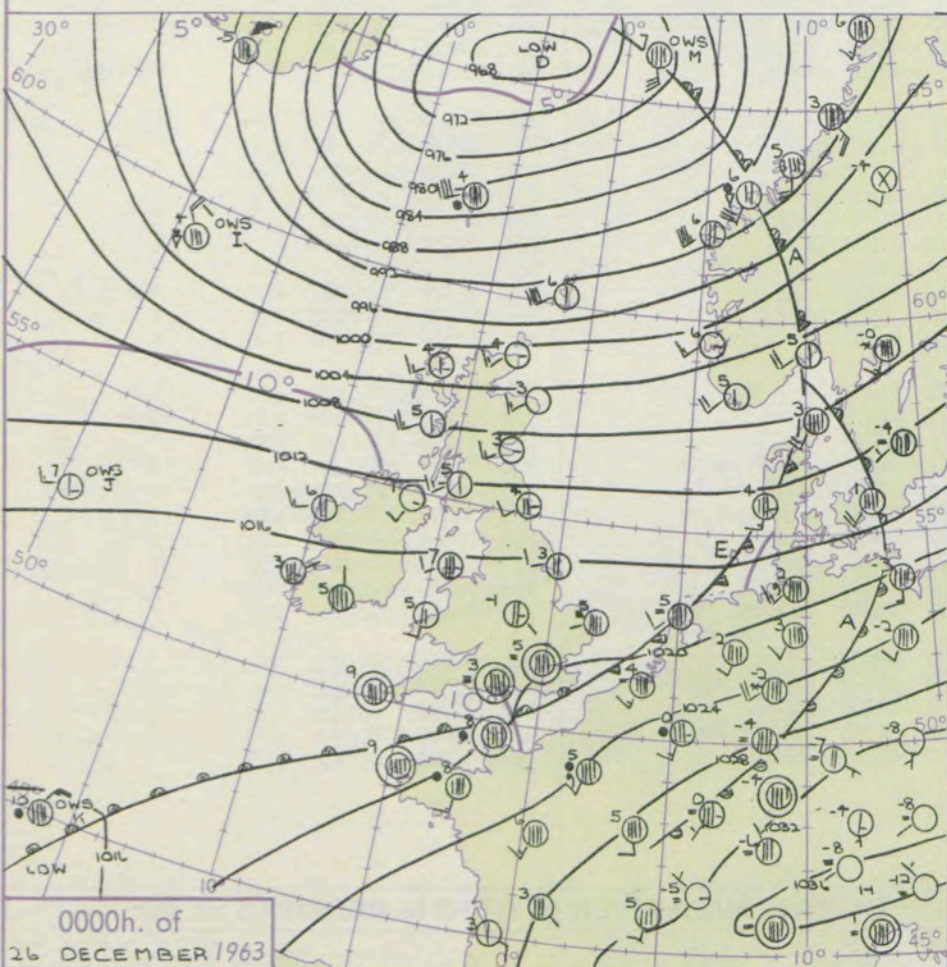
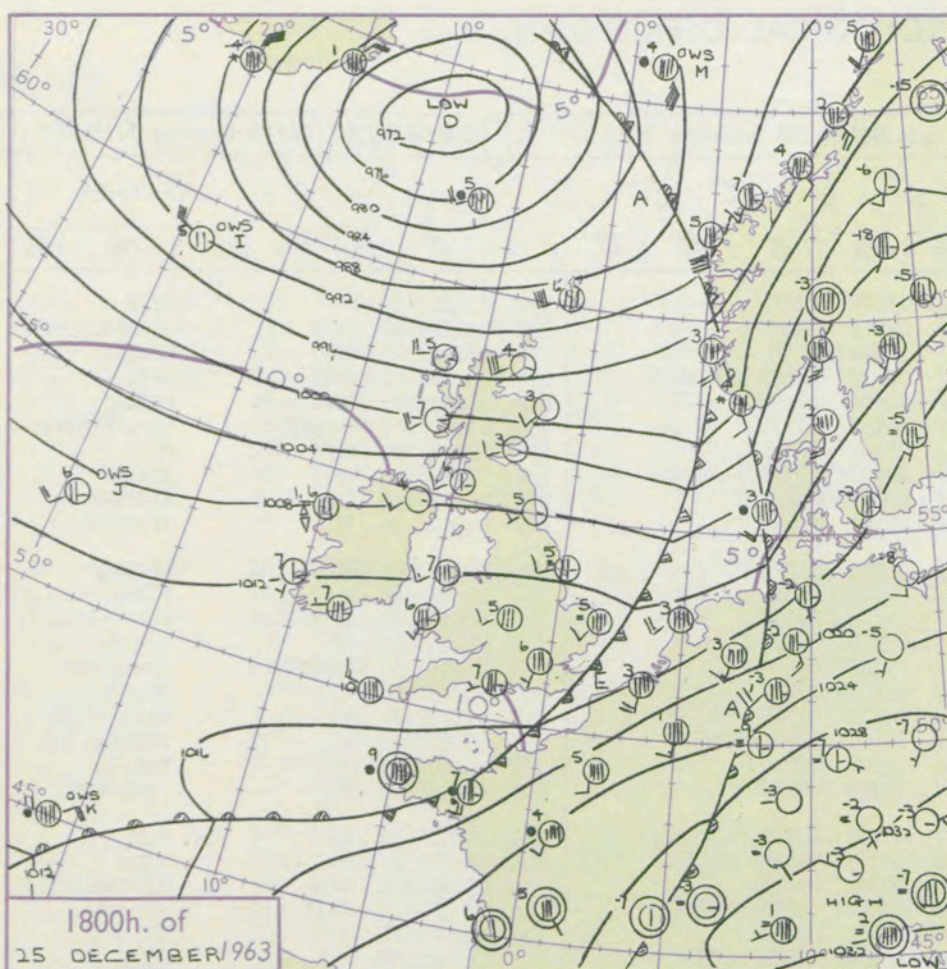
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GENERAL SYNOPTIC DEVELOPMENT

The depression between Scotland and Iceland has moved northeast and is expected to be transferred into north Scandinavia. The associated fronts crossed the British Isles, but have returned into southern districts, after becoming quasi-stationary. A ridge of high pressure has moved from the west toward the British Isles. Cyclonic activity has spread into the northwest Atlantic.

Issued at midday Thursday 26 December

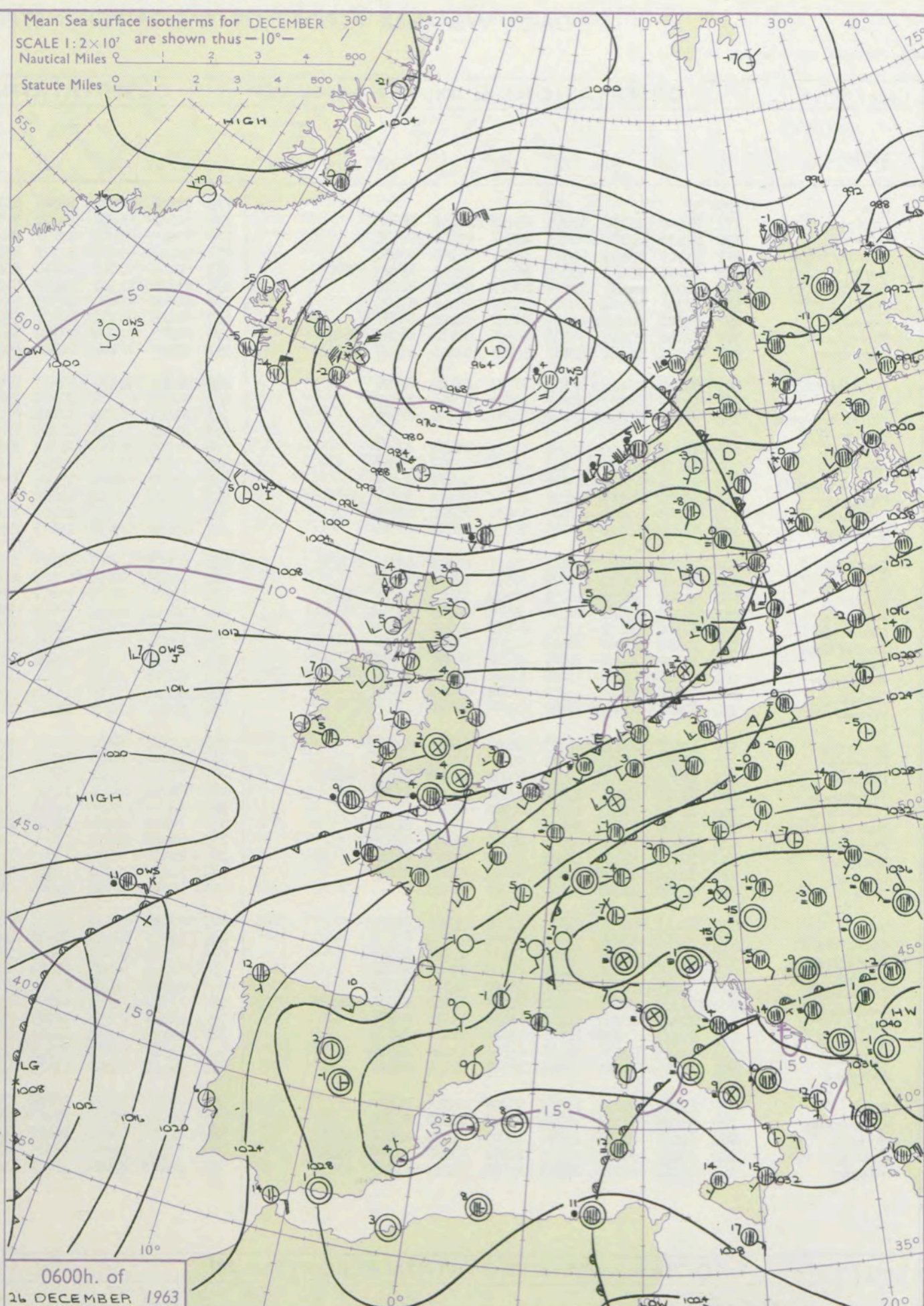
1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Mostly fine in northern districts, apart from scattered showers near the west coasts, with frost at night. Mostly dull over Wales, the Midlands and East Anglia, with some rain at first, and fog and frost tonight and early tomorrow. Cloudy or dull, with intermittent rain in the south and southwest. Below normal temperatures except near the south coast.

OUTLOOK for following 24 hours.

Cloud and rain spreading from the west to all districts.



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

Code FM II.A		OBSERVATIONS at 00h. 26 December 1963										OBSERVATIONS at 06h. 26 December 1963										OBSERVATIONS during NIGHT				CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n E	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Kew	775			05						775	81901	02424	20204	85711	03801	88656				775	03031	00	ff	ffrr	40	
London Airport	772	80000	10102	19505	85711	04218	88656			772	90000	F3474	20404	91011	04803	89111				772	03032	00	ff	ffffir ₀ rrrr	39	
Gatwick	776	82403	40114	20005	85711	05114	88656			776	83607	02604	20606	86211	06704	88703				776	03041	03	if	FFrrff	38	
Thorney Island	871	81709	09444	20105	85711	05209	88650			871	81903	09606	20707	85611	07502	84701	88630			871	05032	02	ffir ₀	ffrr	37	
Hurn	862	80000	05424	19503	86211	03213	85703	88705		862	80000	07615	20004	85611	01604	88640				862	06022	01	FFff	FFid ₀ rr	36	
Guernsey	894	80000	01586	19809	87011	09104	88700			894	81810	01596	19410	87011	10610	88700				894	13081	07	d ₀ r ₀ FF	d ₀ r ₀ FFrrdr ₀ rr	35	
Wattisham	590	72306	04464	19204	75511	04118	87625			590	90000	F5454	21503	91011	03207	89100				590	02022	00	ffFF	FFrr	34	
Gorleston	497	82502	06464	19205	80971	04222	88358			497	72406	16284	20803	70971	03801	87358				497	91022	00	ff	ffir ₀	33	
Mildenhall	578	72106	23104	18804	60936	04114	86359	86270		578	81605	14284	20102	85711	02803	88656				578	03011	50	ff	ffir ₀ RRrr	32	
Cardington	559	72102	04464	19003	55871	02216	85657	86362		559	81802	48104	20302	80921	02301	88466				559	04502	58	1f	1fir ₀ rr	31	
West Raynham	485	92308	F9454	18602	91011	02120	89100			485	91907	02434	19803	91011	03805	89100				485	02502	52	FF	FFr ₀ r ₀ rr	30	
Wittering	462	72307	20112	18800	00908	00214	87272			462	80000	09462	20001	85611	00300	88644				462	95003	56	+	ffr ₀ r ₀	29	
Boscombe Down	746	81705	03464	19804	85711	04215	88650			746	81801	04424	20805	85711	05503	88650				746	02031	01	fffff	FFr ₀ r ₀ ff	28	
Ross-on-Wye										627	81901	17101	20203	86311	03305	88708				627	01011	53	if	ir ₀ ld ₀	27	
Bristol	628	70204	F7444	19201	75711	01118	87650			628	82305	16104	20302	85611	02308	87630				628	01001	53	fffff	ir ₀ r ₀ r ₀ ff	26	
Aberporth	502	41810	66031	17605	40911	03312	84362			502	71810	66021	19005	70971	03204	87360				502	96041	01	+	ir ₀ r ₀ r ₀	25	
Rhose (Cardiff)	715	61604	69011	19005	65711	04221	86650			715	80000	48601	19904	85411	04602	85710	88616			715	02031	00	+	r ₀ r ₀ ffdr ₀ r ₀	24	
Plymouth	827	80000	32102	18806	80971	06211	86359	88362		827	80302	56636	19806	27321	06301	82706	88530			827	06061	00	+	rrr ₀ r ₀	23	
Chivenor	707	70905	62021	18605	65631	05212	86630			707	80903	66602	20004	85611	04500	88640				707	02041	01	+	rrr ₀ r ₀	22	
St. Mawgan	817	71605	58022	18705	70931	05112	87365			817	80000	48636	19807	85511	07306	88627				817	04052	02	+	ir ₀ rrir ₀	21	
Culdrose	809	72504	28102	18406	75611	06214	83718	87630		809	80503	64616	19307	85511	06205	85718	88620			809	07051	51	+	r ₀ r ₀	20	
Scilly	804	80000	81032	17909	80971	07214	88362			804	80000	61616	18509	65521	08301	86623	88458			804	04071	11	+	r ₀ r ₀	19	
Elmdon	534	51202	48031	18751	30931	51215	83360	85075		534	90000	06436	19802	91011	02204	89101				534	94511	55	ir ₀	ffir ₀ ifdr ₀ r ₀	18	
Shawbury	414	51702	57114	18300	30972	00219	83362	84070		414	51902	14104	19601	55600	01500	83630	85645			414	00533	56	fffff	+	17	
Manchester	334	61906	58031	17103	60931	01224	86360			334	81807	56022	18603	80971	02203	88360				334	01033	01	+	ir	16	
Squires Gate	318	32012	59041	16503	28508	02220	81820			318	82106	56041	18003	25771	02400	82650	88360			318	00023	00	+	+	15	
Valley	302	72310	74032	16807	45731	04218	84650	87360		302	72508	74022	18506	35771	04105	83650	87460			302	00041	00	+	+	14	
Ronaldsway	204	72518	83021	15007	11408	03217	81818	87275		204	82412	83022	17006	11577	04105	81820	83362	88275		204	00050	02	+	+	13	
Carlisle	222	12110	66010	14704	00901	01222	81070			222	42210	74011	16904	35631	02107	83635	83359			222	00033	51	+	+	12	
Watnall	354	02407	05464	18402	00900	02219				354	80000	03464	19802	85711	02305	88656				354	91013	55	ff	ffffir ₀	11	
Spurn Head	396	42512	16012	17303	00908	03229	84075			396	62510	08462	18403	65500	02400	86620				396	00021	11	+	1f	10	
Finnigley	360	01808	16041	07201	00900	50116				360	71906	18101	18901	70931	01303	87362				360	00515					

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 57290

Date of Issue Friday 27 December 1963

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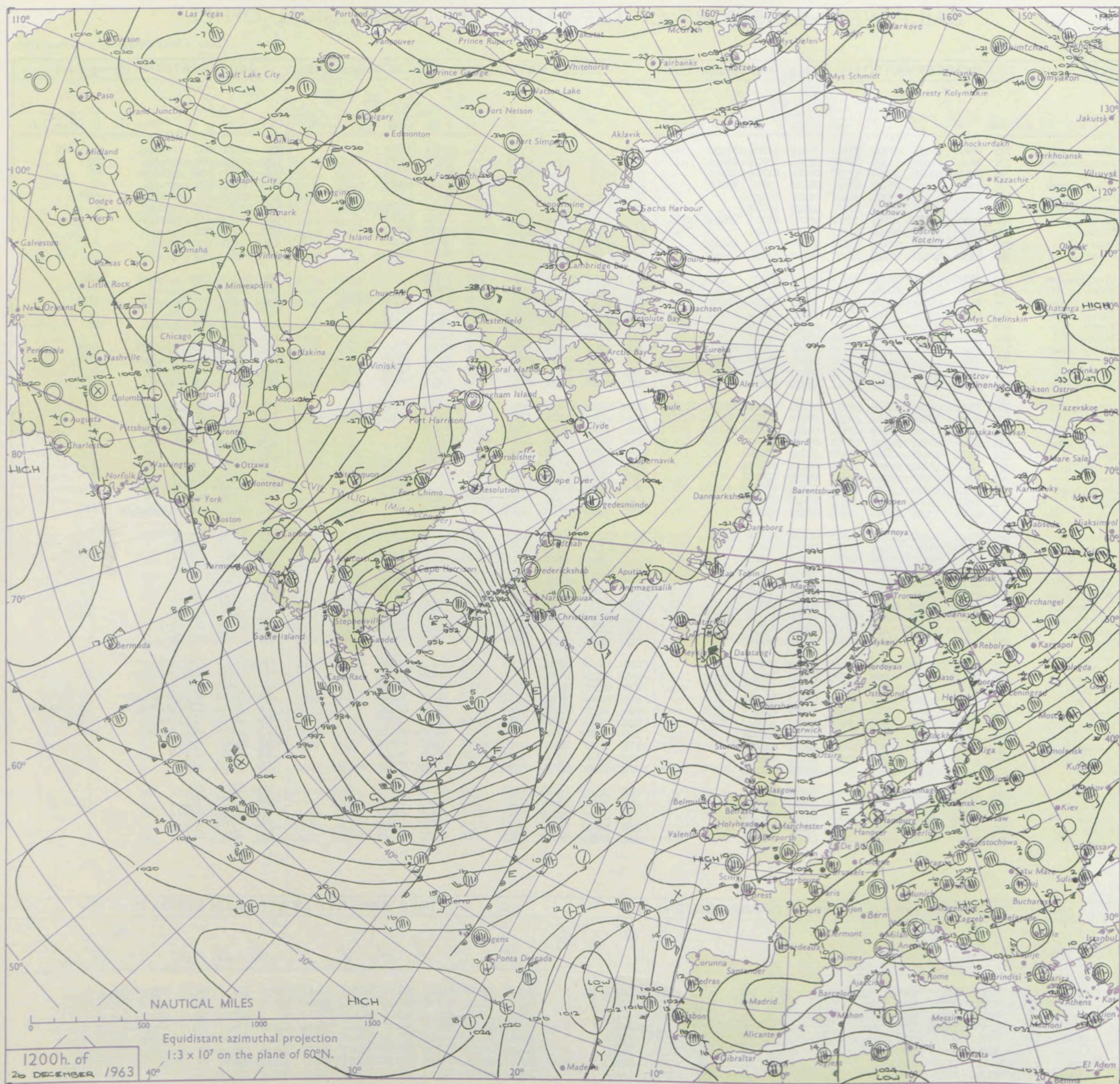
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Code FM 11.A		OBSERVATIONS at 12h. 26 December 1963										OBSERVATIONS at 18h. 26 December 1963										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR TT x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Kew	775	83006	14636	23306	3732/	06320	83706	88550		775	32203	F0466	28104	30940	03225	83360			775	04071	000	ffrrrrro	rofffff			
London Airport	772	80000	03616	23405	8561/	05214	83708	88645		772	32301	F9466	28503	00901	03230	83075			772	04061	000	roff	ffff			
Gatwick	776	83504	48616	23206	1732/	06214	81708	88540		776	92403	01476	28801	9101/	01232	89101			776	06071	000	rrffddo	ff			
Thorney Island	871	83602	56636	23507	5572/	06218	85656	88460		871	42801	01466	29403	00901	03134	84075			871	06071	000	rgro	ff			
Hurn	862	83505	48616	23406	8062/	06218	88530			862	00000	01464	28901	00900	00235				862	05073	///	rrRRro	ffff			
Guernsey	894	83511	09516	23709	8701/	09327	88700			894	70304	66025	29507	2637/	07228	82708	87462			894	03111	000	rrddc	+		
Wattisham	590	82508	06616	22705	3552/	05003	82703	83625	88550	590	32510	26106	27501	30930	01126	83362				590	05053	///	rrffro	+		
Gorleston	497	82405	16616	22906	8551/	05107	88623			497	22605	28056	26704	00902	03230	82075				497	03062	000	ro	+		
Mildenhall	578	82705	19216	22105	6552/	05102	86625	88540		578	12707	23101	27502	10930	01231	81364				578	02053	000	rrro	+		
Cardington	559	82306	40216	22705	4572/	05109	84650	88458		559	72508	12284	28251	00901	51230	87070				559	01051	000	roff	if		
West Raynham	485	92309	03436	21704	9101/	04107	89101			485	02305	03444	27250	00900	50236				485	96043	000	rorrff	FFFF			
Wittering	462	72810	40016	22404	1567/	04309	81630	83459	86362	462	02611	16111	27202	00900	02228				462	91051	005	ro	+			
Boscombe Down	746	80000	05616	24005	8561/	05215	82710	88630		746	42303	58116	29803	10972	03234	81365	84072			746	02063	000	roff	ffff		
Ross-on-Wye	627	62302	58056	23504	45601	04220	84630			627	12005	48020	28605	00901	04234	81075				627	97061	017	ido	+		
Bristol	628	82704	02426	23806	8561/	06218	88640			628	90000	F3474	29201	9101/	01232	89100				628	01061	000	roff	ff		
Aberporth	502	22010	74016	23507	12401	05223	81818			502	02008	74020	28305	00900	02334				502	00091	055	+	+			
Rhoose (Cardiff)	715	80000	01466	24405	5567/	05224	85635	88460		715	12704	03464	29105	16200	05329	81703				715	94061	000	roFFFF	ffff		
Plymouth	827	73105	13286	24907	1567/	07231	81640	87360		827	90607	01471	29605	9101/	05329	89100				827	93091	001	rrddoif	ffff		
Chivenor	707	71002	20106	24606	26272	06123	82704	86360	85072	707	40903	19401	29304	12401	04229	81818	84072			707	02101	016	ro	ff		
St. Mawgan	817	72604	56406	25107	7851/	07232	81820	87645		817	21504	69401	29603	00902	03225	82075				817	93091	006	irjff	ff		
Culdrose	809	73302	60106	24808	4857/	07238	81820	84358	87460	809	20000	64112	28904	20978	04224	81358				809	97091	003	ro	+		
Scilly	804	60000	83016	24410	48502	07228	81827	84643	85074	804	40000	84011	27907	11502	05222	81820	84080			804	97111	007	ir	+		
Elmdon	534	72406	11106	22805	15671	04215	81710	85360		534	02309	13101	27503	00900	02229				534	94061	024	dooff	if			
Shawbury	414	22404	61011	22805	10931	03114	81362			414	10000	69020	27750	00901	53230				414	00073	046	+	+			
Manchester	334	12007	21046	22104	15630	02220	81630			334	02107	56040	26503	00900	00230				334	00063	044	+	+			
Squires Gate	318	12312	58021	20906	18500	05215	81820			318	12411	58010	25504	11500	04230	81822				318	00071	049	+	+		
Valley	302	12509	80021	22208	15501	05220	81625			302	12414	83020	27006	14500	04330	81625				302	00091	057	+	+		
Ronaldsway	204	12519	83021	20607	12400	04114	81815			204	42516	83020	24707	41400	04126	84818				204	00080	061	+	+		
Carlisle	222	12310	69021	19406	12540	03212	81718			222	22311	66010	23505	28400	02227	81818				222	00071	046	+	+		
Watnall	354	42808	15206	22403	35504	03310	81712			354	02507	04424	27203	00900	02229				354	97053	029	roroddo	ff			
Spurn Head	396	72406	16104	21104	5641/	03210	85715	87460		396	02514	32028	24604	00900	03220				396	97051	024	pro	+			
Funningley	360	22414	31042	21205	00908	02109	82070			360	00000	28040	26003	00900	01333				360	00071	034	+	+			
Dishforth	261	12005	58041	20706	18530	03118	81820			261	12310	56040	24904	18400	02231	81817				261	92065	030	+	pro		
Tynemouth	262	01808	16051	18505	00900	01212				262	72509	48051	22105	7561/	01226	87640				262	00075	044	+	+		
Eskdalemuir	162	22308	66030	18303	21400	00211	82818			162	22410	62011	21803	22400	01326	82819				162	00046	049	+	+		
Mull of Galloway	131	12716	81010	19607	11600	03218	81830			131	22717	81030	23606	11600	03223	81830				131	00071	///	/	/		
Prestwick	135	52417	74031	16906	58560	03214	85820			135	52417	70808	21506	58430	03230	81712	85818				135	97071	034	+	pro	
Renfrew	141	52511	59038	16006	58500	03212	81718	84825		141	12511	59258	20805	18500	02231	81822				141	01071	040	pro	prpro		
Leuchars	171	42318	64030	14405	48500	01117	83820			171	12211	70018	18403	15600	00231	81640				171	91065	039	pro	+		
Dyce	091	12110	83020	11803	18500	50112	81820			091	12208	66020	16901	15600	52226	81635				091	00045	053	+	+		
Wick	075	42321	66808	07503	49400	01214	84915			075	12312	80018	12301	13400	51229	81915				075	92041	032	pro	+		
Cape Wrath	049	72535	66848	04904	39509	01220	83920	87175		049	62732	66028	07405	49509	01206	84920				049	04062	///	prs	pro		
Sule Skerry	010	62737	66848	05005	4347/	02228	84915	86360		010	62737	66818	09206	6941/	04230	86915				010	01072	///	/	/		
Lerwick	005	42526	74278	00803	49400	01213	84912			005	72846	58898	03303	7941/	51220	87912				005	02051	002	propho	phrphopro		
Stornoway	026	32518	83258	09003	39402	01225	83918			026																

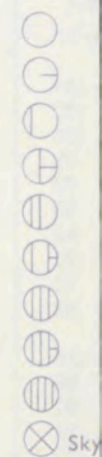
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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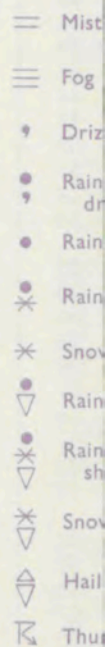
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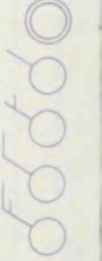
WEA

Symbol



W

Symbol



For each
half-feet
5 knots

CHARTS OF WEATHER IN WEST EUROPE

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Amount
(oktas)

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3
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5
6
7 or more
8

obscured

THER
Weather

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and
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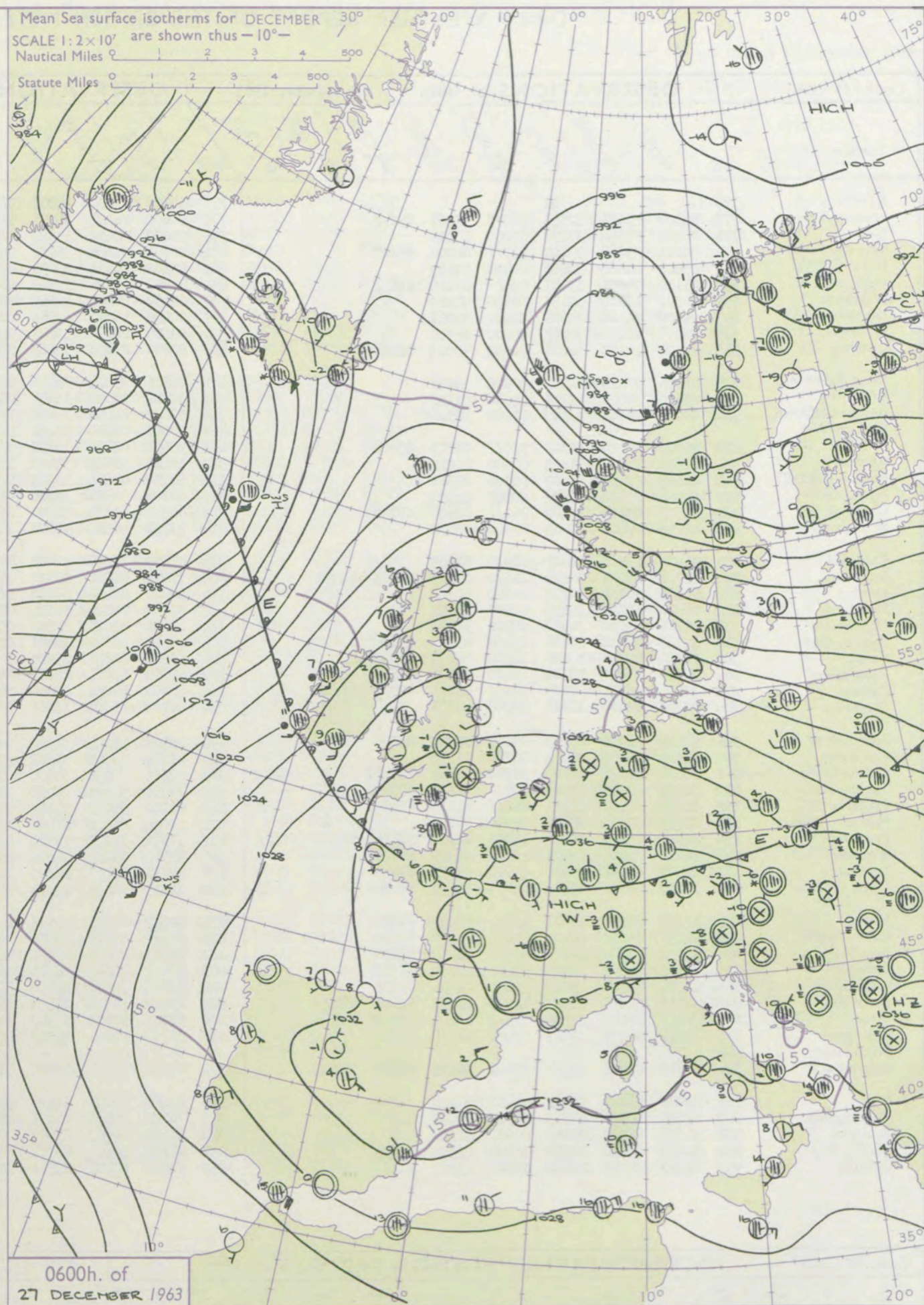
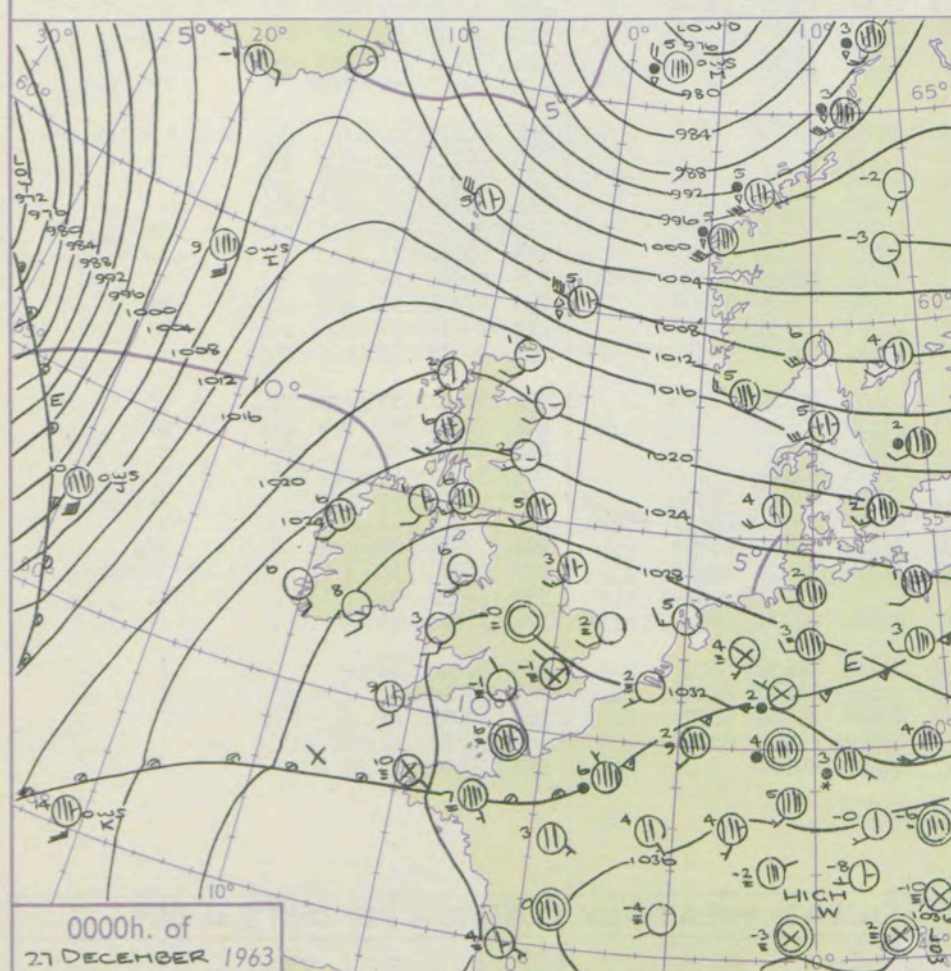
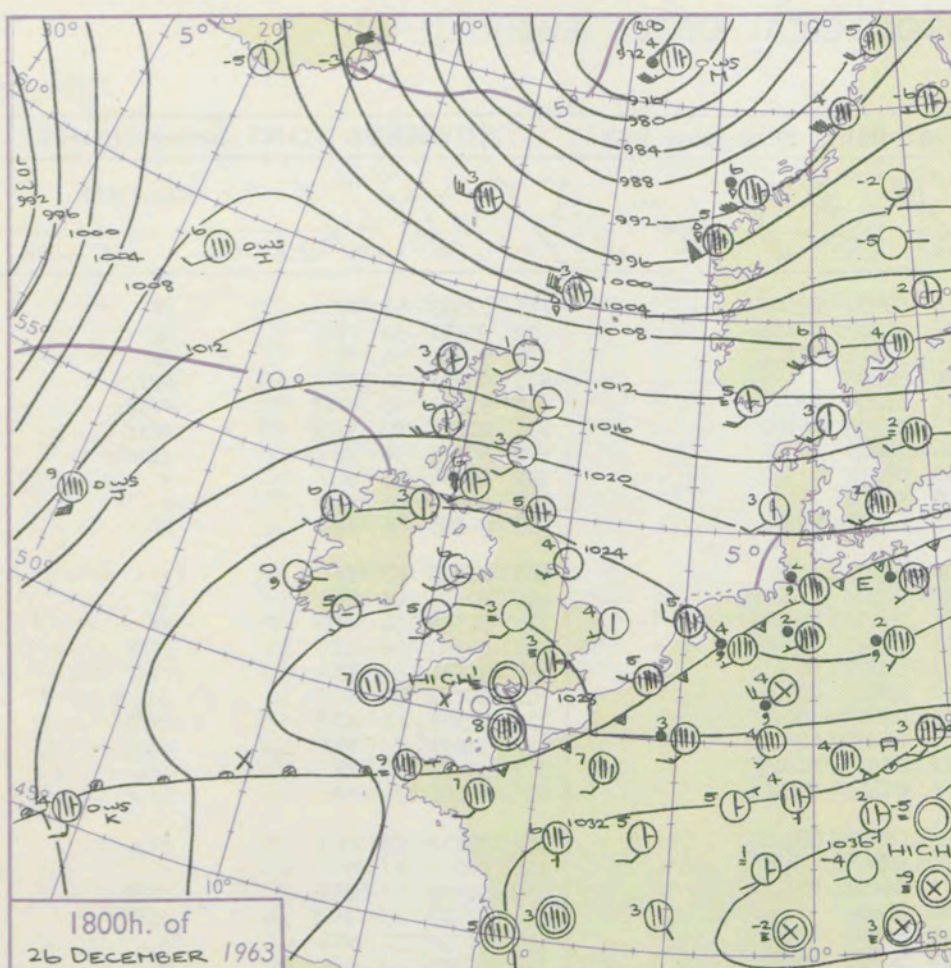
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V
shower
and snow
ower
V shower
shower
derstorm

ND
Wind
speed
(knots)

Calm
1-2
3-7
8-12
13-17

additional
er add

48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Friday 27 December**

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The depression which was in the Norwegian Sea is filling rapidly as it moves east onto Norway while the high to the south intensifies over central Europe. A strong south-westerly flow covers the eastern Atlantic with the new depression in the Denmark Strait becoming the main centre as the old low southwest of Greenland fills. A mild south-westerly airstream will slowly extend to all parts of the British Isles.

Northern and western districts of the British Isles will remain mostly cloudy with rain or drizzle at times chiefly in Scotland. However, parts of southwest England and south Wales will have sunny periods. Except for some drizzle near the south coast eastern, central and most southern districts of England will be mostly dry but misty and there will be fog patches over the higher ground.

OUTLOOK for following 24 hours

Little general change but becoming brighter over eastern and central England.

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

Code FM 11.A

OBSERVATIONS at 00h.

27 December 1963

OBSERVATIONS at 06h.

27 December 1963

OBSERVATIONS during NIGHT

Station

iii

Nddff

VVwww

PPPTT

N_hCh_sCh_MCh_H

T_dT_dapp

8N_sCh_sh_s

8N_sCh_sh_s

8N_sCh_sh_s

iii

Nddff

VVwww

PPPTT

N_hCh_sCh_MCh_H

T_dT_dapp

8N_sCh_sh_s

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8N_sCh_sh_s

iii

RR_TT_nE

T_gT_g

21h.—03h.

03h.—09h.

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51307

89/11

772

90000

F6494

35051

9/0/1

51007

89/11

772

91511

52

FF

FF

39

Gatwick

776

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90000

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9/0/1

53110

89/02

776

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FF

FF

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9/0/1

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89/00

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00702

01484

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871

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00900

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34051

874/1

51006

88712

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Guernsey

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Ross-on-Wye

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Elmdon

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17

Manchester

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Squires Gate

318

12113

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Valley

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Ronaldsway

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Watnall

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7

Eskdalemuir

162

81601

62031

27501

862/1

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6

Mull of Galloway

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Prestwick

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Renfrew

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Leuchars

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Roches Point

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952

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

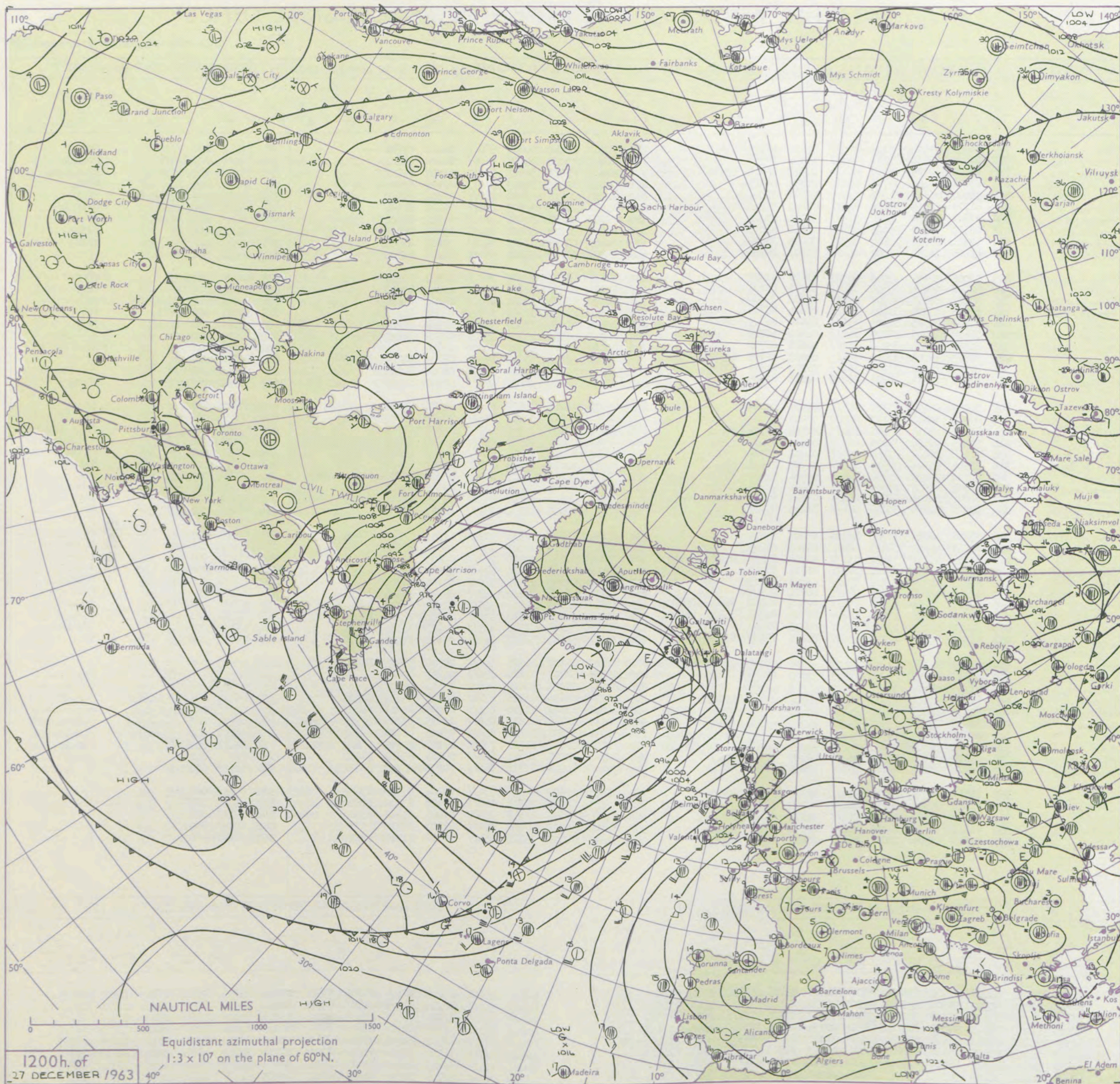
No. 37291

Date of Issue Saturday 28 December 1963

VERSION
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104	Kew	775	80000	09424	35103	86211	02804	88703			775	91803	F2454	34004	91011	04001	89101			775	97061	000	FFff	FF
102	London Airport	772	80000	09424	35501	86311	51804	88706			772	91403	F3434	34204	91011	04000	89101			772	91061	000	FFff	FFd ₀ d ₀
100	Gatwick	776	80000	10104	35700	86111	00801	86702	88704		776	90000	F5474	34603	91011	03202	89101			776	95031	000	FFff	FFid ₀ d ₀ d ₀
99	Thorney Island	871	81001	08464	35705	86211	05004	88703			871	92403	02454	34807	91011	07104	89101			871	97081	000	ff	ffid ₀
97	Hurn	862	90000	01515	34303	91011	03002	89101			862	92108	02435	33808	91011	07205	89100			862	93081	111	d ₀ d ₀ FFff	FFff
95	Guernsey	894	81709	F8464	35409	86011	09113	88700			894	81511	04464	34507	86011	07601	88700			894	00101	000	ffFF	FFff
93	Wattisham	590	91901	F4494	35752	91011	52701	89101			590	91607	01435	34502	91011	02701	89101			590	92032	111	FFid ₀	FF
91	Gorleston	497	22310	48050	35003	00902	01801	82075			497	82010	32104	35003	85411	03303	88618			497	92042	044	ff	ffid ₀
90	Mildenhall	578	12601	19050	34802	00901	00605	81070			578	81609	04445	33503	86111	02601	88702			578	97041	026	1f	ffid ₀
88	Cardington	559	82006	16284	35001	86211	52802	88705			559	51806	13102	33504	55600	04803	85635			559	00051	001	FF	FF
86	West Raynham	485	12006	37021	33903	00901	02807	81075			485	91811	01454	33502	91011	02301	89101			485	00031	033	ff	ffff
84	Wittering	462	92007	02454	34650	91011	51701	89101			462	91701	F7474	32802	91011	01802	89100			462	91031	000	FFff	ffff
82	Boscombe Down	746	91603	F8475	35302	91011	02002	89100			746	91809	F5454	34404	91011	04204	89100			746	94061	000	id ₀ d ₀ d ₀ FF	FF
81	Ross-on-Wye	627	83003	13284	33101	86211	01814	88705			627	90801	F9454	32504	91011	03302	89111			627	93071	000	1Fff	FF
79	Bristol	628	81507	06515	32404	85411	04818	84707	88618		628	90000	01435	32704	91011	04302	89101			628	93081	000	ffid ₀ d ₀	FFff
77	Aberporth	502	81610	48505	30906	86211	06801	88703			502	12017	66015	29709	15700	07702	81650			502	97091	000	id ₀	+
75	Rhoose (Cardiff)	715	81307	07464	33704	86011	04806	88700			715	00000	48104	32407	00900	07500				715	00081	011	ff	1f
73	Plymouth	827	71003	19105	33709	75411	09003	82708	84613	87625	827	81710	32102	33310	85511	09302	84707	88625		827	00111	001	+	ff
72	Chivenor	707	70909	56012	33207	78411	06803	81818	87635		707	11313	61021	32109	15600	08400	81630			707	00111	028	+	+
70	St. Mawgan	817	21513	64014	32711	26300	09001	82709			817	91516	02474	32108	91011	08500	89100			817	97121	047	+	FFid ₀
68	Culdrose	809	72112	50152	32711	76211	11105	87703			809	81912	12284	31809	86011	09301	88701			809	97121	028	+	ff
66	Scilly	804	02014	66011	31112	00900	10005				804	71715	32012	30110	75411	10400	84705	87610		804	00131	061	+	+
64	Elmdon	534	81507	28044	33601	85411	51806	83705	88612		534	91807	05474	32704	91011	04303	89101			534	97041	000	1F1f	ff
63	Shawbury	414	51703	50104	31905	55532	03812	81620	85640		414	61607	35102	30505	65511	04000	82706	83625	85645	414	00061	022	ff	+
61	Manchester	334	71914	28041	31103	75611	01808	81709	87640		334	71809	24042	30106	75611	04803	86633	87645		334	00071	007	+	+
59	Squires Gate	318	81516	22102	29902	85611	01707	81645	88650		318	81413	22102	29105	85511	04207	88629			318	00061	000	+	+
57	Valley	302	81724	69032	28708	85611	07806	81707	86710	88630	302	81722	56205	28309	85511	08208	85707	87712	88620	302	97091	000	+	id ₀
55	Ronaldsway	204	81831	61026	27308	85611	07606	85705	87712	88635	204	72126	59025	26210	75611	09308	82706	87631		204	97101	000	id ₀	+
54	Carlisle	222	81805	64036	27806	85511	03712	82715	86625	88650	222	82016	48052	26810	85511	07305	82710	84715	88628	222	97111	000	ir ₀	id ₀
52	Watnall	354	92305	02494	33350	91011	51805	89101			354	82407	02464	31804	86111	04501	88702			354	97051	000	FF	FF
50	Spurn Head	396	31808	48011	32704	00908	03702	83175			396	02114	16101	30704	00900	03707				396	00061	037	+	ff
48	Finningley	360	82219	26041	32403	86211	01805	88705			360	72112	11042	30505	75611	03801	87638			360	00051	021	+	ff
46	Dishforth	261	81108	16041	30601	15737	00808	81650	86362	88272	261	71509	37042	29205	75711	03601	87650			261	00055	000	+	+
45	Tynemouth	262	81915	16052	27804	70971	01816	87360			262	82120	48052	26107	80971	05607	88358			262	00091	000	+	+
43	Eskdalemuir	162	81913	48515	27304	87211	03805	88703			162	91912	02505	25606	91011	06104	89101			162	03073	000	d ₀ d ₀ 1f	ffid ₀ d ₀
41	Mull of Galloway	131	82342	63505	24009	87411	08721	88715			131	82335	74025	23610	85511	08212	88620			131	97101	111	/	/
39	Prestwick	135	81917	74216	22909	75571	07726	84710	86620	88650	135	82017	62026	22110	85511	08101	82710	84625	88634					

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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Cloud
Amount
(oktas)

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1 or less

2

3

4

5

6

7 or more

8

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Wind
speed
(knots)

Calm

1-2

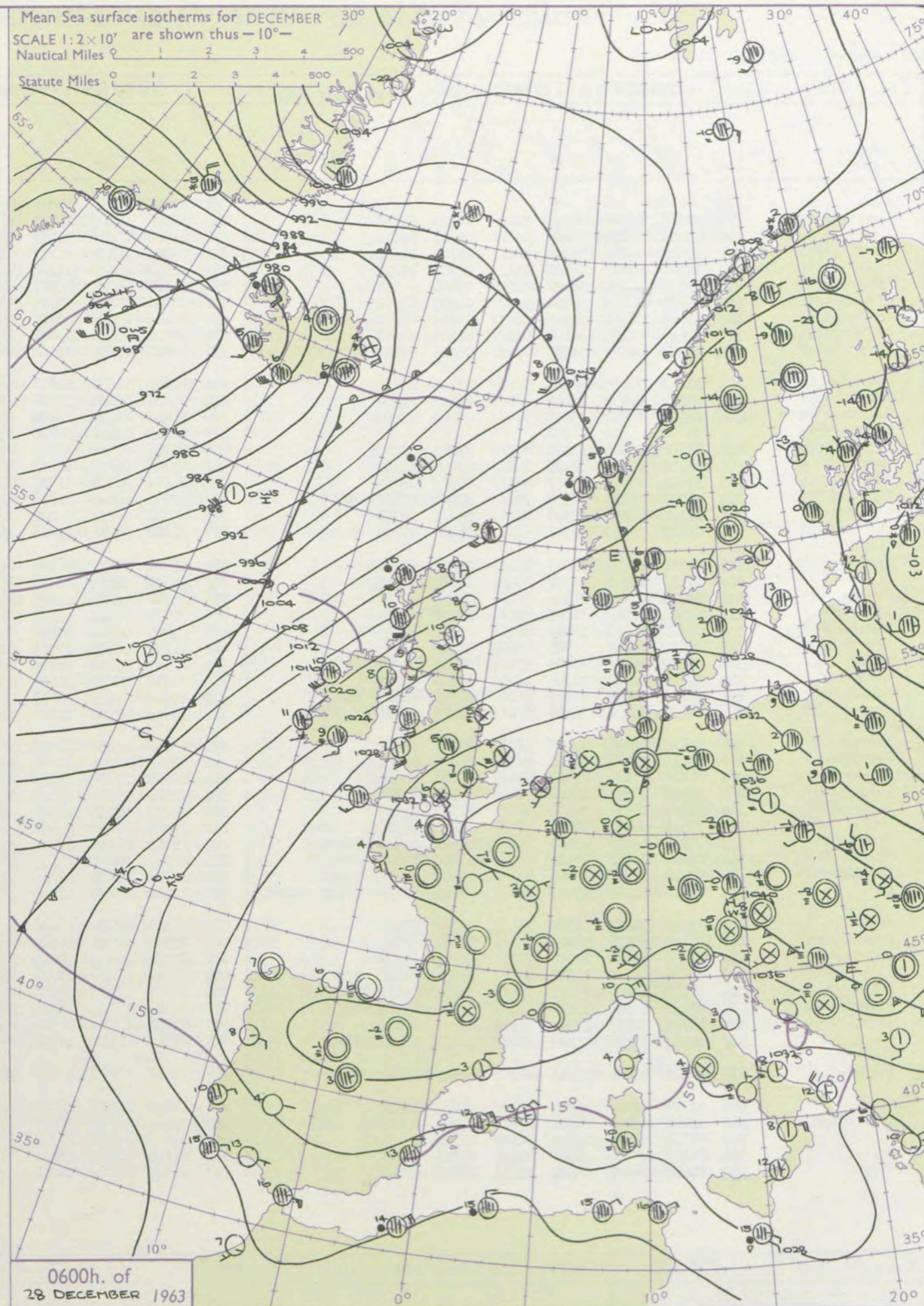
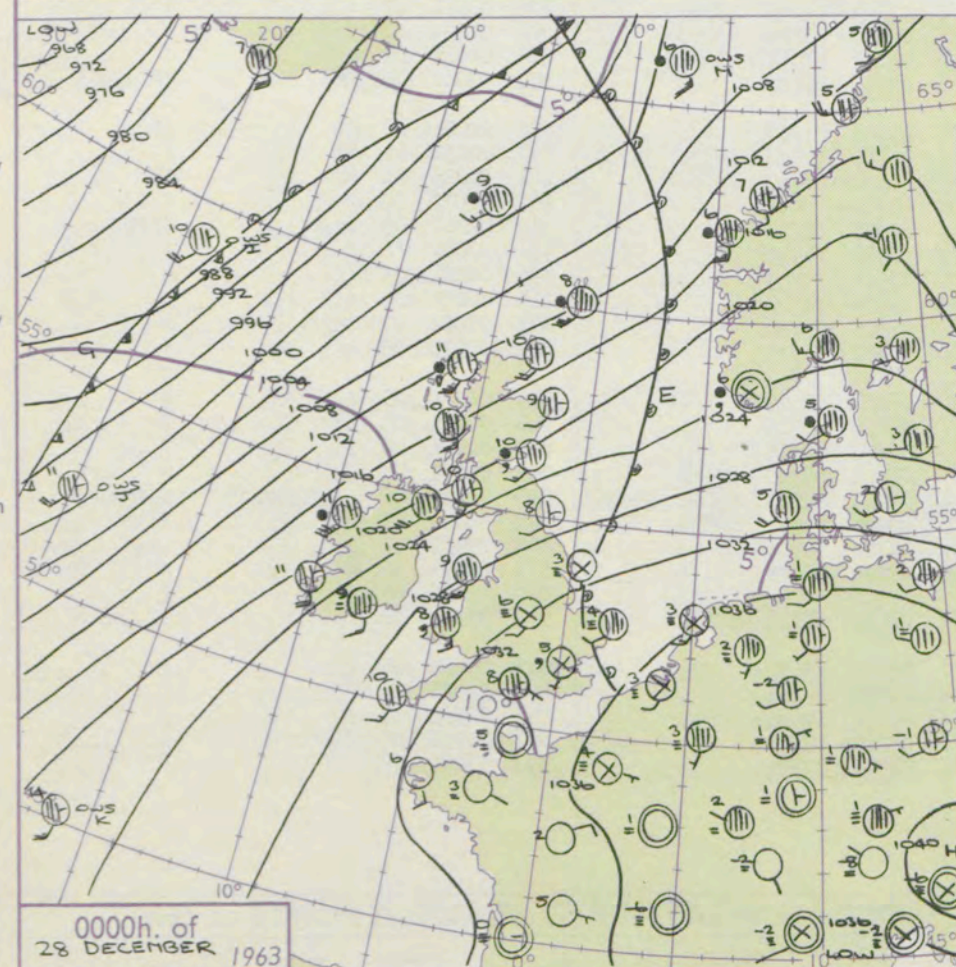
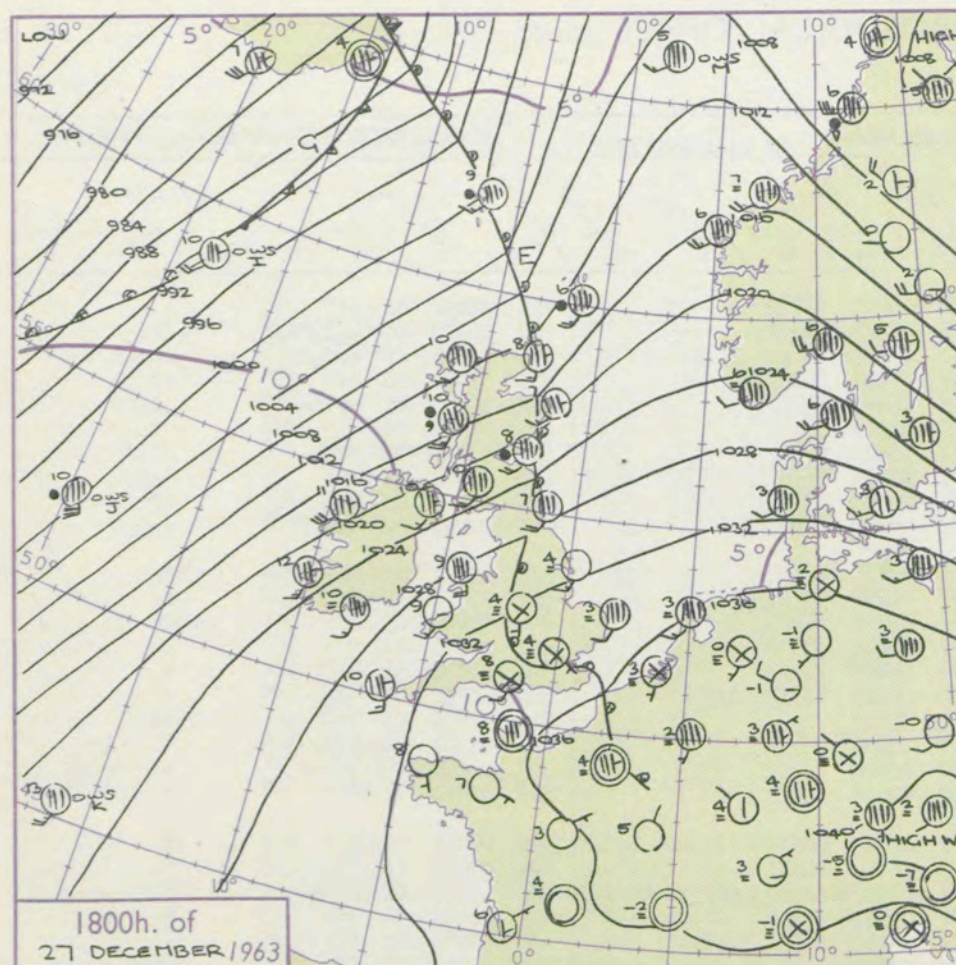
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additional
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48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 28 December 1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The depression near O.W.S. 'A' is filling and will probably move northeast. A wave south-east of Iceland will also move northeast towards the North Cape. A weak cold front will affect northwestern districts but the large European anticyclone will change little. A further depression will move east towards O.W.S. 'D'

Northern Ireland and the northwest half of Scotland will be cloudy with rain or drizzle at times. Elsewhere it will be mostly dry with variable cloud and fog patches chiefly over high ground, and in the southeast half of England tonight. It will be mild in all areas.

OUTLOOK for following 48 hours
Little general change but it will probably become brighter in northwest Britain.

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

Code FM II.A		OBSERVATIONS at 00h. 28 December 1963										OBSERVATIONS at 06h. 28 December 1963										OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			05						775	82204	40052	33607	86111	06705	88712				775	91051	04	ff	+	40		
London Airport	772	92007	02505	36505	9/0/1	05303	89/01			772	81905	18105	33907	86111	07707	88701				772	92051	04	d ₀ d ₀ FFff	ff	39		
Gatwick	776	92201	02435	35406	9/0/1	06000	89/02			776	81906	05464	34407	86011	07503	86700	88703			776	93031	02	d ₀ d ₀ FF	ff	38		
Thorney Island	871	90801	04455	35306	9/0/1	06706	89/02			871	91601	02454	34307	9/0/1	07507	89/01				871	97061	04	ff	ff	37		
Hurn	862	71305	59284	34108	754/1	07708	87615			862	91508	04435	33306	9/0/1	06604	89/11				862	92051	05	ff	id ₀	36		
Guernsey	894	01513	56054	34307	00900	05804				894	01513	56050	32907	00900	05708					894	00071	05	+	+	35		
Wattisham	590	92210	F4455	34404	9/0/1	04805	89/01			590	92110	F7455	33605	9/0/1	05501	89/01				590	93032	03	FF	id ₀	34		
Gorleston	497	82412	06445	34604	864/1	03301	88710			497	92409	03454	33504	9/0/1	04500	89/02				497	97032	02	+	d ₀ d ₀	33		
Mildenhall	578	92110	02434	34105	9/0/1	04103	89/02			578	92010	05434	33105	9/0/1	04805	89/02				578	00041	03	ff	ff	32		
Cardington	559	92107	02465	34705	9/0/1	05205	89/01			559	82010	05505	33206	86111	06708	88701				559	97041	00	id ₀ FF	d ₀ d ₀	31		
West Raynham	485	92210	01454	33603	9/0/1	03104	89/00			485	92115	01434	32903	9/0/1	03703	89/00				485	97021	02	FF	FF	30		
Wittering	462	92212	04434	33404	9/0/1	04102	89/01			462	92114	04454	32404	9/0/1	04708	89/01				462	97031	02	FFff	ff	29		
Boscombe Down	746	91503	F8454	35005	9/0/1	05802	89/00			746	91608	01474	33405	9/0/1	05710	89/01				746	97041	03	FF	FF	28		
Ross-on-Wye										627	72103	48022	31806	763/1	06805	87708				627	00051	03	+	+	27		
Bristol	628	81306	28104	33407	862/1	07800	88703			628	80905	23102	32005	862/1	05705	88703				628	00031	51	+	+	26		
Aberporth	502	81713	14505	30708	862/1	07610	88703			502	41725	56015	28307	16470	06513	81710	83362			502	97071	05	id ₀	+	25		
Rhoose (Cardiff)	715	91411	03474	32607	9/0/1	06803	89/02			715	01206	40104	31606	00900	05710					715	97051	03	ff	ff	24		
Plymouth	827	70000	22285	33108	762/1	07801	82703	87705		827	00707	40041	31306	00900	05708					827	97041	02	ff	d ₀ d ₀	23		
Chivenor	707	81210	61021	32309	863/1	08805	88708			707	01206	48011	31206	00900	05808					707	00051	03	+	+	22		
St. Mawgan	817	81513	39105	32308	862/1	08400	86703	88705		817	31610	58011	30608	35400	07606	83615				817	00071	06	+	+	21		
Culdrose	809	71707	56102	32209	764/1	09704	87710			809	82009	64032	29309	854/1	08715	88619				809	00082	05	+	+	20		
Scilly	804	61913	61022	30010	65400	08004	86614			804	82014	66022	28710	854/1	06707	88614				804	00091	11	+	+	19		
Elmdon	534	91209	04454	33106	9/0/1	06000	89/11			534	81908	48285	32005	861/1	05707	84702	86705	88709		534	91031	02	ff	d ₀ d ₀	18		
Shawbury	414	81503	12281	31706	860/1	05000	88701			414	71810	56042	30307	763/1	05613	87709				414	97041	51	ff	+	17		
Manchester	334	81909	18102	30605	862/1	05605	88703			334	81809	40104	30106	862/1	05000	84703	88705			334	00051	03	ff	ff	16		
Squires Gate	318	01510	19101	29505	00900	04201				318	01506	17104	29003	00900	03708					318	00011	51	ff	FFff	15		
Valley	302	81824	59031	28609	854/1	08804	84706	88618		302	81622	61022	28108	863/1	07803	85707	88712			302	00081	07	+	+	14		
Ronaldsway	204	12126	62021	26310	16200	09806	81705			204	82025	58021	26409	854/1	03807	83709	88617			204	00091	08	+	+	13		
Carlisle	222	62009	59035	27109	654/1	06305	82618	84625		222	10502	69021	26007	16400	05811	81712				222	00061	02	+	+	12		
Watnall	354	92409	01434	32906	9/0/1	06105	89/00			354	92209	02504	31505	9/0/1	05606	89/00				354	93061	03	FF	FF	id ₀	11	
Spurn Head	396	91810	02474	31003	9/0/1	02400	89/00			396	91810	02454	31105	9/0/1	05704	89/00				396	92021	11	ff	ff	10		
Finningley	360	92014	07434	31505	9/0/1	05000	89/01			360	82020	21104	30306	862/1	06706	82703	85704	88706		360	00031	01	ff	ff	9		
Dishforth	261	61812	11102	29904	656/1	03500	86630			261	82008	37104	29305	863/1	05802	86707	88709			261	00025	01	FF	FF	8		
Tynemouth	262	32308	61011	26908	30940	06202	83360			262	02315	66011	26008	00900	05709					262	00071	02	+	+	7		
Eskdalemuir	162	92107	08476	26407	9/0/1	07304	89/00			162	82227	08444	25006	860/1	06708	88701				162	97061	05	ir	roff	6		
Mull of Galloway	131	72315	66015	25009	5743/	09215	85716			131	72340	70031	23408	774/1	08707	87710				131	97081	11	/	/	5		
Prestwick	135	71915	62022	23210	755/1	08204	82625	86637		135	11819	66021	23009	16400	07500	81715				135	00081	05	+	+	4		
Renfrew	141	82220	66026	23111	855/1	08208	83624	88633		141	42212	80011	23109	46500	07209	84720				141	00081	05	+	+	3		
Leuchars	171	82216	62586	21910	855/1	07801	84625	88643		171	52219	66036	21210	55500	06606	85624				171	91081	07	id ₀ ro	+	2		
Dyce	091	72212	62022	19609	15676	07212	81640	83462	87270	091	12112	66021	19208	15500	05201	81625				091	00075	05	+	+	1		
Wick	075	72119	74022	15510	755/1	08207	87625			075	31708	80031	15208	25530	07603	82625				075	00071	05	+	+	0		
Cape Wrath	049	82345	66636	10109	864/1	09212	88715			049	82338	82606	10809	864/1	09204	88715				049	02091	03	ir	ir	-1		
Sule Skerry	010	72530	74016	12010	775/1	09213	87720			010	82130	66036	12010	874/1	09703	88715				010	01091	09	/	/	-2		
Lerwick	005	82136	48636	11408	872/1	08205	84702	88707		005	72229	69016	12909	756/1	07306	82710	87630			005	04081	05	rr	+	-3		
Stornoway	026	71924	62808	13211	784/1	10214	83818	87629		026	82030	56618	12710	854/1	09504	82707	85709	88616		026	02092	02	pr ₀ ro ₀ ro ₀ ro ₀	d ₀ ro ₀ ro ₀ ro ₀	-4		
Benbecula	022	82032	62216	13810	864/1	10205	86712	88716		022	81934	69022	12410	855/1	09808	84621	88629			022	94091	09	d ₀ ro	+	-5		
Tiree	100	81723	62015	17310	855/1	09303	88626			100	81728	62012	16810	855/1	08704	88625				100	97091	07	d ₀ d ₀	ir ₀	-6		
Aldergrove	917	82024	70022	23310	854/1	07202	82616	87620		917	21713	66731	22708	15402	06804	81618				917	00071	04	+	+	-7		
Malin Head																				980	97081	07	/	/	-8		
Belmullet	976	82034	69606	17811	864/1	09301	85715	88630		976	72032	74016	17010	764/1	08607	84719	87635			976	97101	08	/	/	-9		
Birr	965	21713	77021	24410	25600	07504	82630			965	71713	74021	22809	756/1	07811	87637				965	00091	06	/	/	-10		
Collinstown	969	22014	69011	25911	25500	07005	82625			969	31705	74010	24509	30930	04712	83362				969	97071	00	/	/	-11		
Rineanna	962	01814	66010	23709	00900	07704				962	41817	74012	21710	25502	06810	82620	84070			962	00091	07	/	/	-12		
Roches Point	952	81713	58102	26909	863/1	09703	88707			952	81714	58102	25409	863/1	08710	88707				962	00091	08	/	/	-13		
Valentia	953	71620	66038	23311	725/1	09501	87821			953	71616	74022	21211	725/1	08511	87821				953	97101	08	/	/	-14		

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

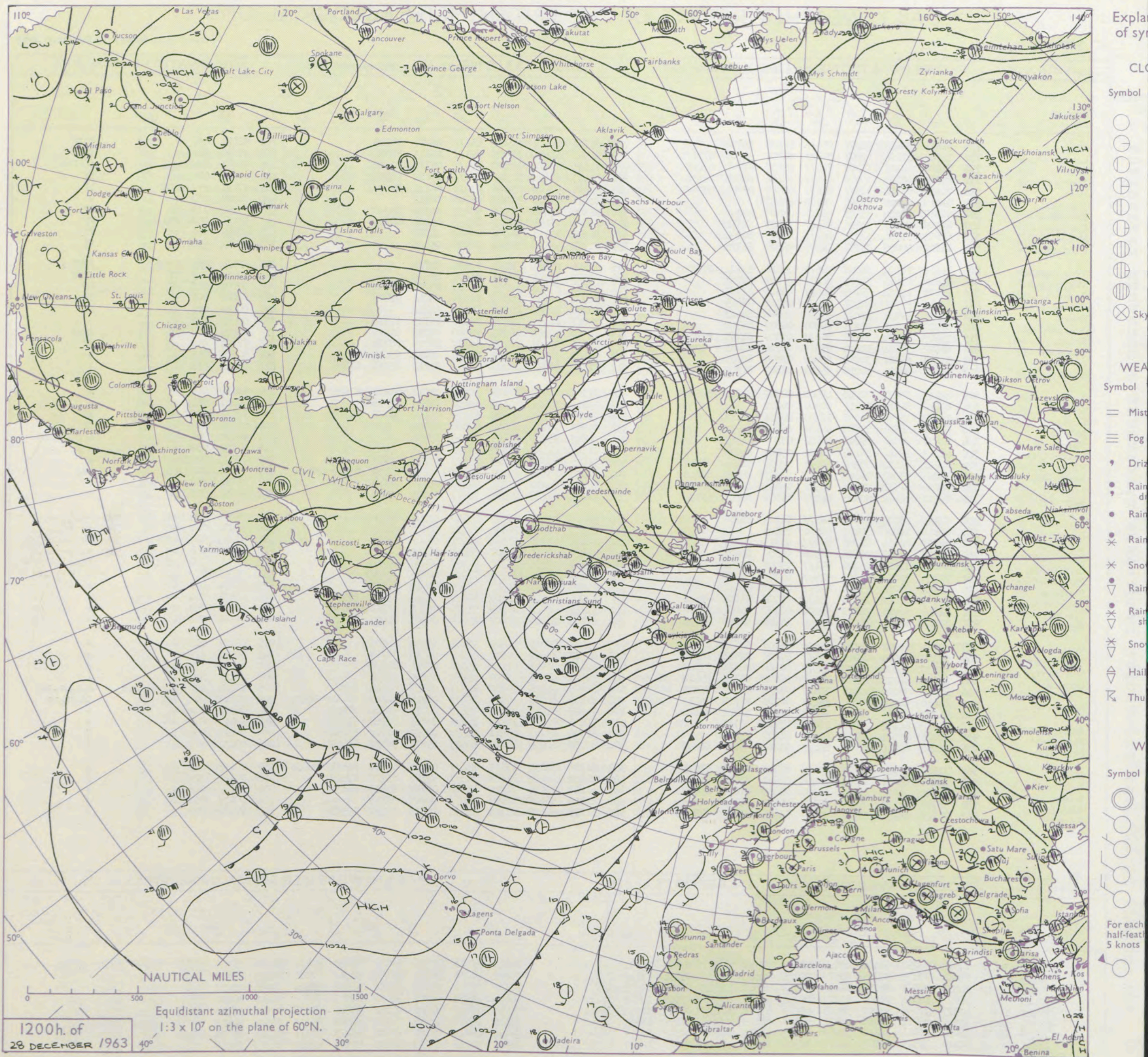
No. 37292

Date of Issue Sunday 29 December 1963

Code FM 11.A		OBSERVATIONS at 12h. 28 December 1963										OBSERVATIONS at 18h. 28 December 1963										OBSERVATIONS during DAY							
Station	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x T x E	SSS	WEATHER							
																						09h.—15h.	15h.—21h.						
Kew	775	61811	58052	33207	61411	06806	86810			775	81706	08414	30906	86111	06607	88702			775	97081	035	+	ffff						
London Airport	772	71705	57104	33407	76211	07807	82705	87707		772	81506	01461	30905	86111	05611	88702			772	97091	032	+	ffff						
Gatwick	776	71808	48105	33907	75411	07807	83708	87615		776	91605	04434	31206	91011	06715	89101			776	97081	000	d _o d _o	fffff						
Thorney Island	871	81803	48104	33907	85411	07806	85704	88614		871	81407	07444	31307	86211	07612	88704			871	00081	000	+	ff						
Hurn	862	71409	07424	32507	76011	07806	83701	87702		862	91506	02454	29806	91011	06714	89111			862	97071	111	ffff	ff						
Guernsey	894	01612	62020	32609	00900	05807				894	01211	63020	30007	00900	06612				894	00101	077	+	+						
Wattisham	590	81810	03464	33305	86011	05807	88701			590	91806	F7454	31504	91011	04606	89100			590	97062	111	ff	FF						
Gorleston	497	82209	20285	33606	86411	06808	88711			497	62011	05444	31605	66311	05708	86709			497	97071	000	ffd _o d _o	FF						
Mildenhall	578	61605	37054	32607	66311	06807	86706			578	01509	19101	30404	00900	04707				578	97081	032	+	ff						
Cardington	559	11710	40055	32307	16200	06808	81703			559	01709	28100	30304	00900	03808				559	97081	056	+	ff						
West Raynham	485	71915	14104	32006	76111	06810	84702	87703		485	01914	23101	30004	00900	03810				485	00061	023	FFFF	ffff						
Wittering	462	81610	07444	31805	86011	05807	88701			462	02502	11114	30103	00900	02605				462	97061	009	ff	ffff						
Boscombe Down	746	71601	15104	33205	76011	05803	87701			746	91406	F7454	30705	91011	05705	89100			746	97071	012	FF	FF						
Ross-on-Wye	627	72012	57022	30407	75411	05812	87615			627	81702	24052	28607	86311	06811	88708			627	00081	005	+	1f						
Bristol	628	41608	32051	31407	45400	06808	84617			628	00000	01464	29104	00900	04712				628	00091	029	+	FF						
Aberporth	502	61920	62031	28208	66400	06507	86710			502	71817	61031	26509	76411	07709	87710			502	00091	026	+	+						
Rhoose (Cardiff)	715	71007	40104	31107	76211	07809	81703	87708		715	10000	20284	28805	15500	05716	81625			715	00071	015	1f	1F1f						
Plymouth	827	81612	37041	31410	85511	08804	88625			827	81604	22102	28708	86311	08715	88709			827	97101	010	+	1f						
Chivenor	707	51209	61021	30809	55600	07806	85635			707	61405	58031	28407	65400	06614	83615	84625		707	00101	018	+	+						
St. Mawgan	817	51810	56011	30210	55400	08807	81707	83615		817	71710	56051	23008	75411	07613	83710	87616		817	00101	010	+	+						
Culdrose	809	42113	70011	30310	48500	08801	81820	84630		809	71909	62022	27809	78511	08712	83710	87625		809	00110	018	+	+						
Scilly	804	02010	61011	28811	00900	09001				804	62013	63011	26510	65400	08709	86614			804	00121	061	+	+						
Elmdon	534	11907	35284	31005	16130	05811	81702			534	72007	28041	29206	66311	05709	83708	86710		534	97071	020	FF	1F						
Shawbury	414	51807	48041	29806	46130	05808	84710			414	01803	28111	28004	00900	04710				414	00071	036	+	1f						
Manchester	334	11807	28041	29307	10931	03709	81367			334	01809	19041	27605	00900	03708				334	00071	044	+	+						
Squires Gate	318	41613	26041	28106	00901	05808	84073			318	01312	14100	26502	00900	02808				318	00073	036	+	+						
Valley	302	81622	61032	27508	85411	07806	81709	88614		302	71626	61032	24708	76411	07715	87712			302	00091	000	+	+						
Ronaldsway	204	72024	58025	26310	75411	08803	84709	87618		204	81823	58202	23909	85411	08609	83709	86713	88619	204	97101	000	1d _o	1d _o						
Carlisle	222	72106	61011	27608	78512	05801	81718	84820	86630	222	81410	59032	25207	88411	04710	81818	88622		222	00091	002	+	+						
Watnall	354	82411	06464	30805	86211	05809	82703	88704		354	72411	17104	28805	76311	04808	87708			354	00061	015	ff	+						
Spurn Head	396	82110	28104	30704	86311	04704	88708			396	52110	32031	28905	55500	03701	85620			396	00050	020	+	+						
Finningley	360	01811	32040	30107	00900	05809				360	21810	18041	28604	25400	03802	82615			360	00071	041	+	+						
Dishforth	261	90000	F4454	28203	91011	03813	89111			261	12409	23050	27304	00901	03001	81075			261	00065	021	1fff	FF						
Tynemouth	262	62308	24051	26608	00906	05109	86275			262	02010	32051	25607	00900	04500				262	00091	018	+	+						
Eskdalemuir	162	82015	32505	26706	87111	05003	88702			162	82113	58205	24306	87311	06604	88706			162	93071	000	1d _o d _o d _o	1d _o						
Mull of Galloway	131	72334	74012	23109	77411	07803	87710			131	72334	74011	20909	77411	08718	87716			131	00101	111	/	/						
Prestwick	135	81912	62031	23610	85411	07802	88614			135	11812	66011	21009	15700	07712	81650			135	00101	000	+	+						
Renfrew	141	82705	37041	23810	85411	07006	83715	88618		141	82005	58042	21209	85411	07513	83615	87627		141	00101	000	+	+						
Leuchars	171	72616	66021	22809	55501	06007	85625	85072		171	52211	66012	20809	55500	05712	81620	85630		171	00101	009	+	+						
Dyce	091	72312	66021	19509	15606	05507	81635	87268		091	21704	56040	19408	25500	05203	81625			091	00101	000	+	+						
Wick	075	62021	80021	15109	25609	06806	82635	86175		075	12017	80021	14608	15601	05804	81630			075	00101	015	+	+						
Cape Wrath	049	62340	83026	09710	68511	07205	82825	86630		049	82328	83032	09910	86511	08712	88720			049	00111	111	+	+						
Sule Skerry	010	72130	66032	11810	45571	08400	84620	87360		010	32130	81011	11111	35500	07714	83620			010	00110	111	/	/						
Lerwick	005	82130	66022	13610	85411	06002	81710	83618	88630	005	32124	66011	13109	35600	04805	81635			005	00111	000	+	+						
Stornoway	026	81934	70206	12209	77812	07812	83710	87615	88458	026	81925	61026	10810	85511	08711	85714	88622		026	93102	000	d _o r _o 1d _o d _o d _o	d _o d _o dr _o 1r _o						
Benbecula	022	81830	66022	12810	85411	08706	82714	85619	88625	022	81834	62216	10710	85411	09714	82709	86611	88617	022	02111	000	1d _o	1d _o 1r _o rr						
Tiree	100	51725	62036	16610	55511	07708	81711	85628		100	71629	61012	14310	75511	08715	81620	87625		100	00101	002	+	+						
Aldergrove	917	11920	66011	22309	16401	07711	81711			917	71821	66021	19610	75411	07811	82712	87618		917	00101	037	+	+						
Malin Head	980	52023	80031	18410	51511	08809	85822			980	51924	83011	15411	55511	09712	82720	85656		980	00111	009	/	/						
Belmullet	976	81934	69216	16011	86411	09810	86713	88635		976	82036	61606	11710	66421	09819	86712	88458		976	95111	000	/	/						
Birr	965	71817	74022	23011	75411	07811	83716	87635		965	71718	74032	19611	78411	08713	83716	84821	86630	965	00121	012	/	/						
Collinstown	969	42015	69011	24011	46400	06801	82716	84623		969	72116	74032	21311	76511	07609	83720	87625		969	00121	029	/	/						
Rineanna	962	31822	74011	21911	38500	08807	82822	83635		962	41617	80031	18711	48500	08707	83825	84656		962	00121	025	/	/						
Roches Point	952	51716	48102	25010	56300	09809	85708			952	81625	56102	21810	86411	09713	88714			952	00111	035	/	/						
Valentia	953	71719	66258	21112	72411	10805	83712	87821		953	51718	66022	17711	46430	09613	84712	85360		953	97121	000	/	/						
Code FM 21.A										Code FM 21.A										Code FM 21.A									
O.W.S.										O.W.S.										O.W.S.									
YQLLaLa										YQLLaLa										YQLLaLa									
L _o L _o GG										L _o L _o GG										L _o L _o GG									
Nddff										Nddff										Nddff									
VVwwwW										VVwwwW										VVwwwW									
PPPTT										PPPTT										PPPTT									
N _h L _h C _M C _H										N _h L _h C _M C _H										N _h L _h C									

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

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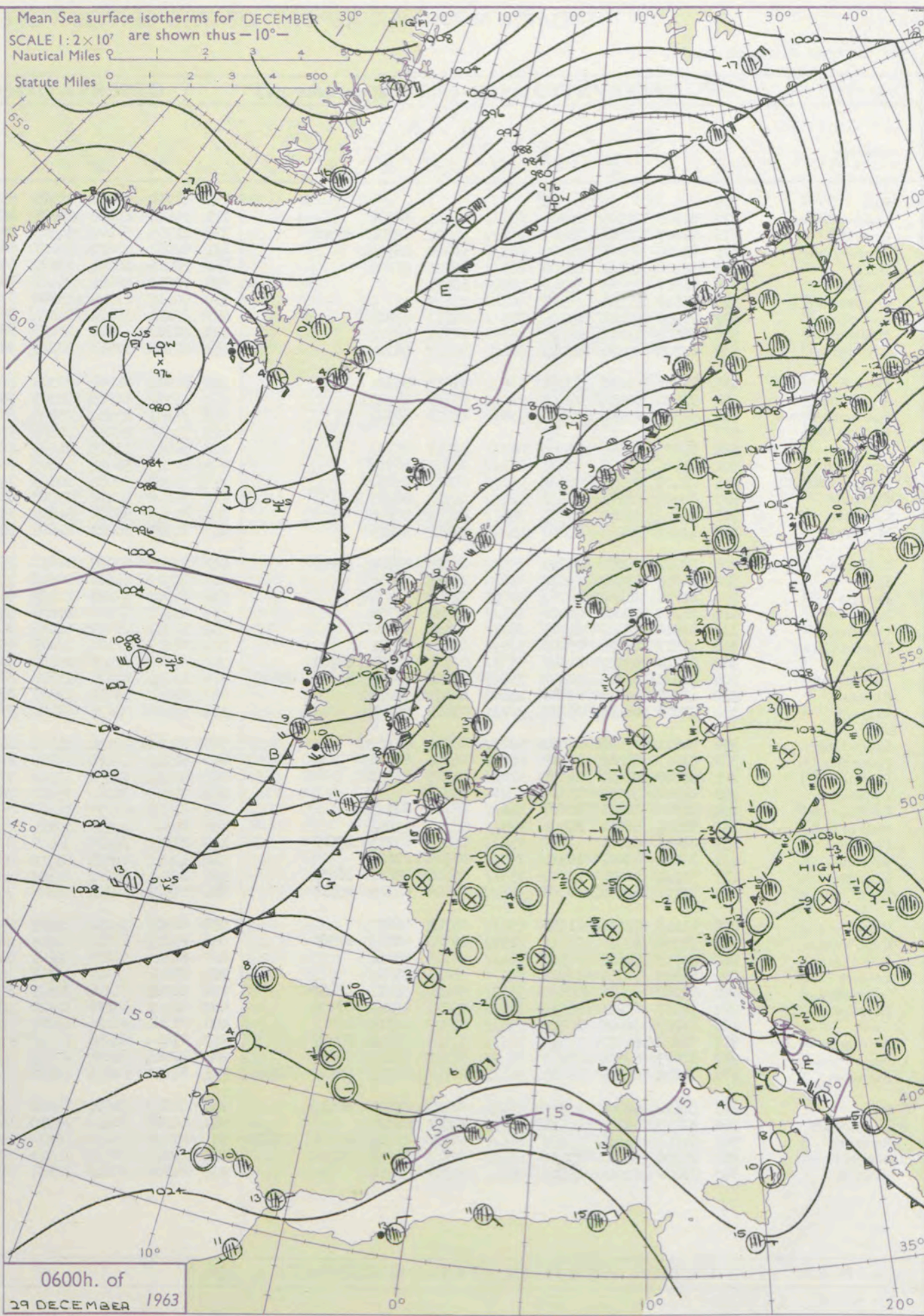
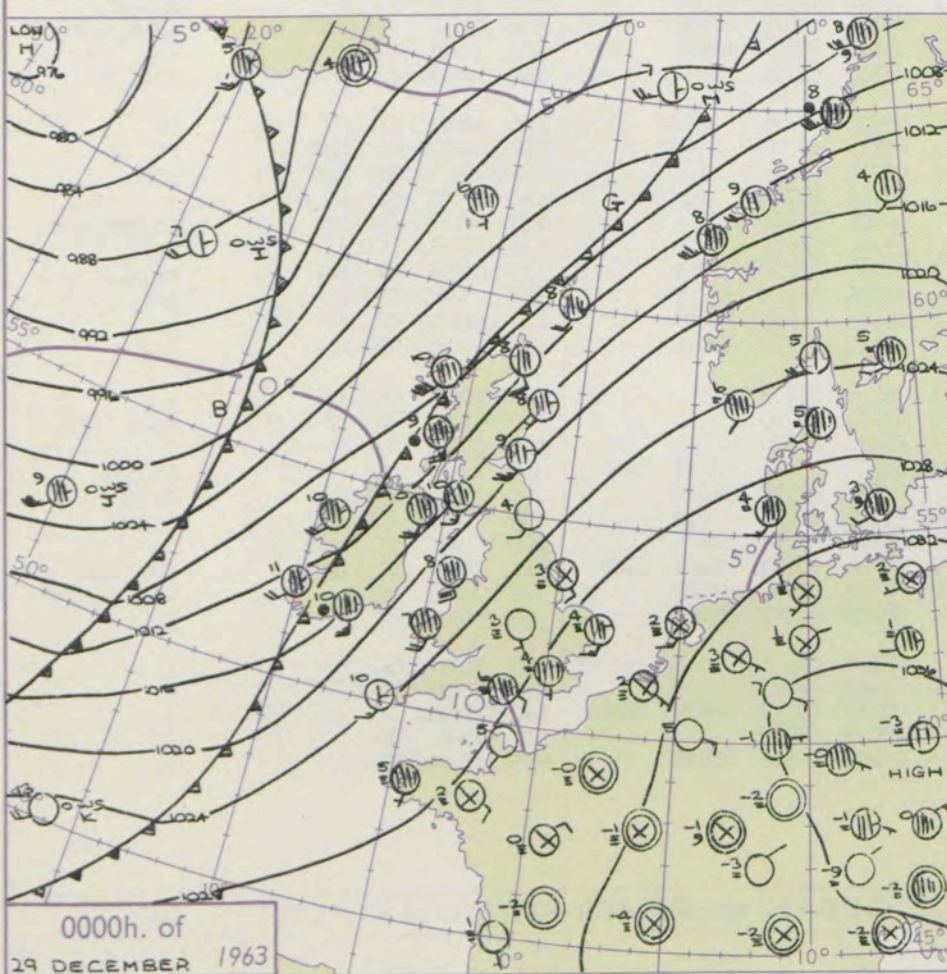
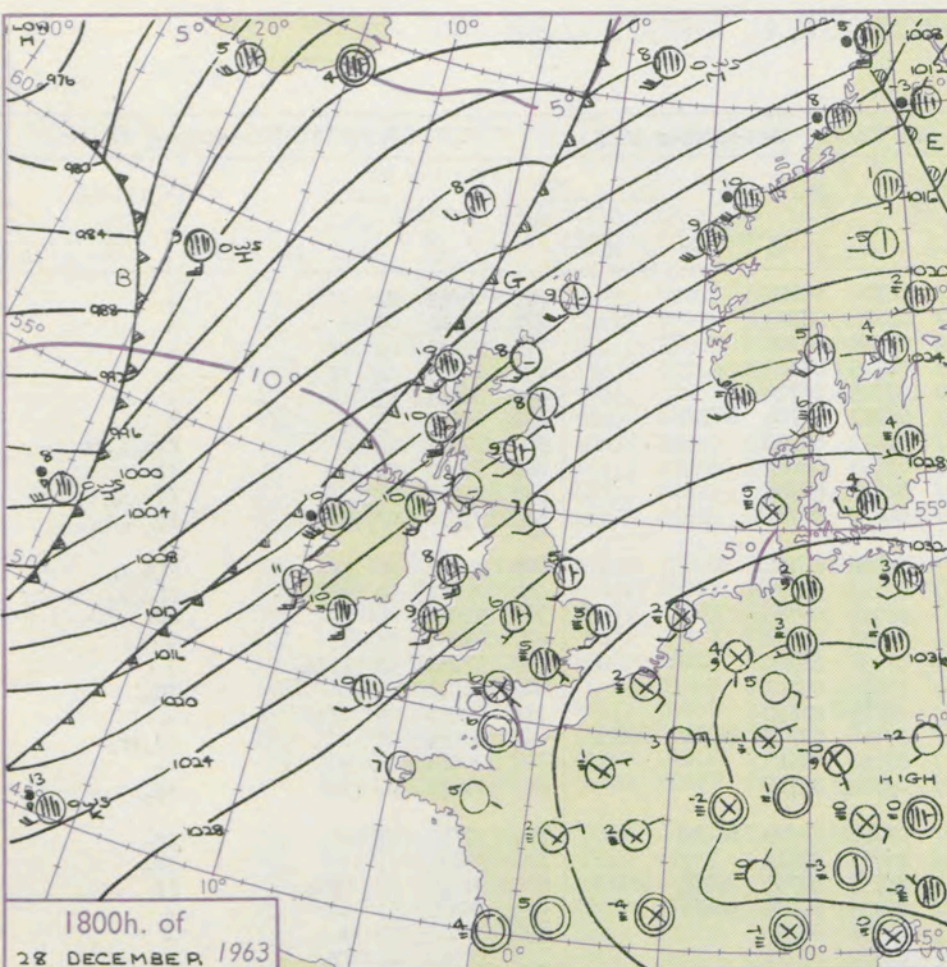
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Mean Sea surface isotherms for DECEMBER
SCALE 1:2x10' are shown thus -10°-

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

Code FM II.A		OBSERVATIONS at 00h. 29 December 1963										OBSERVATIONS at 06h. 29 December 1963										OBSERVATIONS during NIGHT				CONVECTIVE TAX °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Kew	775			05						775	81904	56022	23605	85511	04720	88625			775	00041	02	+	+		40	
London Airport	772	81806	21104	28204	86111	04821	88701			772	81104	23102	23905	86211	04721	88704			772	00041	03	+	+		39	
Gatwick	776	81607	20284	28404	86111	04821	85701	88702		776	81704	57102	24305	86311	05718	88706			776	97041	04	ff	+		38	
Thorney Island	871	81204	28104	28306	86211	06819	88704			871	82003	48022	24407	86411	06715	88710			871	00051	04	ff	+		37	
Hurn	862	81208	07424	26906	86111	06724	88702			862	62006	48104	23007	66400	07715	86710			862	00051	05	ff	+		36	
Guernsey	894	01917	56050	27308	00900	06811				894	72011	48051	25407	76211	06712	84704	86705		894	00061	05	+	f		35	
Wattisham	590	02610	01444	28903	00900	03819				590	92010	F7504	23902	91011	02622	89100			590	97022	01	FF	FFd _o d _o ff		34	
Gorleston	497	71916	03444	29304	76311	04712	87709			497	82214	31104	24804	85511	03723	88620			497	97032	00	ff	ff		33	
Mildenhall	578	81506	14104	28003	86111	02715	88702			578	81707	14504	23203	86111	02815	88702			578	91021	00	ff	ff		32	
Cardington	559	81705	03424	27905	86111	05717	88702			559	81910	32515	23205	86311	04822	88706			559	97031	03	ff	id _o d _o d _o		31	
West Raynham	485	91411	01454	27903	91011	03814	89101			485	91911	01504	22901	91011	01824	89100			485	93011	00	FF	FFd _o d _o		30	
Wittering	462	91604	01434	27303	91011	03719	89100			462	81908	06515	22303	86011	03723	88701			462	91021	50	FFff	ff		29	
Boscombe Down	746	91609	F9454	27905	91011	05720	89100			746	81806	23284	23406	86311	06722	88706			746	91051	04	FF	FF		28	
Ross-on-Wye	627									627	71908	48022	20806	75511	06635	87620			627	91051	03	if	+		27	
Bristol	628	81805	17504	26605	86211	05717	88703			628	80000	13105	21407	86111	07830	88702			628	97051	52	ifid _o	+		26	
Aberporth	502	81920	56022	23007	86311	06821	88708			502	81819	56022	17808	86311	08730	88707			502	91071	05	+	id _o		25	
Rhoose (Cardiff)	715	91409	02474	26305	91011	05817	89100			715	71910	56034	20807	75511	05619	87620			715	00051	05	ifif	+		24	
Plymouth	827	80204	22104	26607	86411	07715	88713			827	82108	41012	23109	85411	09718	82707	84710 88614		827	97051	05	+	id _o ir _o		23	
Chivenor	707	71212	61021	25707	75611	06721	87630			707	81713	66022	21609	85411	07724	88619			707	00061	03	+	+		22	
St. Mawgan	817	41612	56011	25808	45400	07617	84615			817	81813	56021	21609	86311	09724	88708			817	97071	06	+	id _o		21	
Culdrose	809	72010	60022	25809	75511	06715	85708	87620		809	82116	60026	21810	85511	09726	83709	88625		809	97080	07	+	ir _o		20	
Scilly	804	31916	59020	23610	35400	10715	83614			804	72320	61216	20811	75411	10717	87615			804	97091	11	+	ir _o		19	
Elmdon	534	01706	01464	26703	00900	02707				534	81708	37105	21105	86211	05737	82703	86705 88707		534	97021	02	FFid _o	ff		18	
Shawbury	414	71710	28044	24806	76311	05722	87708			414	81605	37102	19405	85511	05736	82709	88621		414	00031	51	+	+		17	
Manchester	334	81910	23041	24305	86211	04821	88705			334	81711	28042	18905	86211	04732	88703			334	00041	03	+	+		16	
Squires Gate	318	91517	06470	23203	91011	03722	89101			318	81417	37104	17005	85611	04732	88631			318	00041	01	ff	+		15	
Valley	302	81728	59031	21608	86311	07721	83707	88709		302	81629	59502	15108	86311	07734	84706	88709		302	92081	07	+	d _o d _o ir _o		14	
Ronaldsway	204	71924	61022	20409	75611	07825	83707	85710 86635		204	81834	48605	13308	87211	08744	84705	88706		204	93081	07	+	id _o d _o r _o ir _o		13	
Carlisle	222	41706	56011	21806	45600	04821	84615			222	81608	48051	14607	85511	05843	85626	88637		222	92051	02	+	ir _o		12	
Watnall	354	92003	01434	26203	91011	03819	89101			354	92310	03435	20604	91011	04732	89101			354	91021	02	FFid _o	FFid _o ff		11	
Spurn Head	396	91611	F9474	27003	91011	03714	89111			396	82015	20104	21303	86311	03522	88706			396	92021	11	FF	ff		10	
Finningley	360	81913	08461	25405	86211	04724	88704			360	81912	17284	19704	86111	03735	88702			360	00031	00	ffFF	ff		9	
Dishforth	261	91608	01454	24301	91011	01725	89111			261	91410	02434	17902	91011</												

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37293

Date of Issue Monday 30 December 1963

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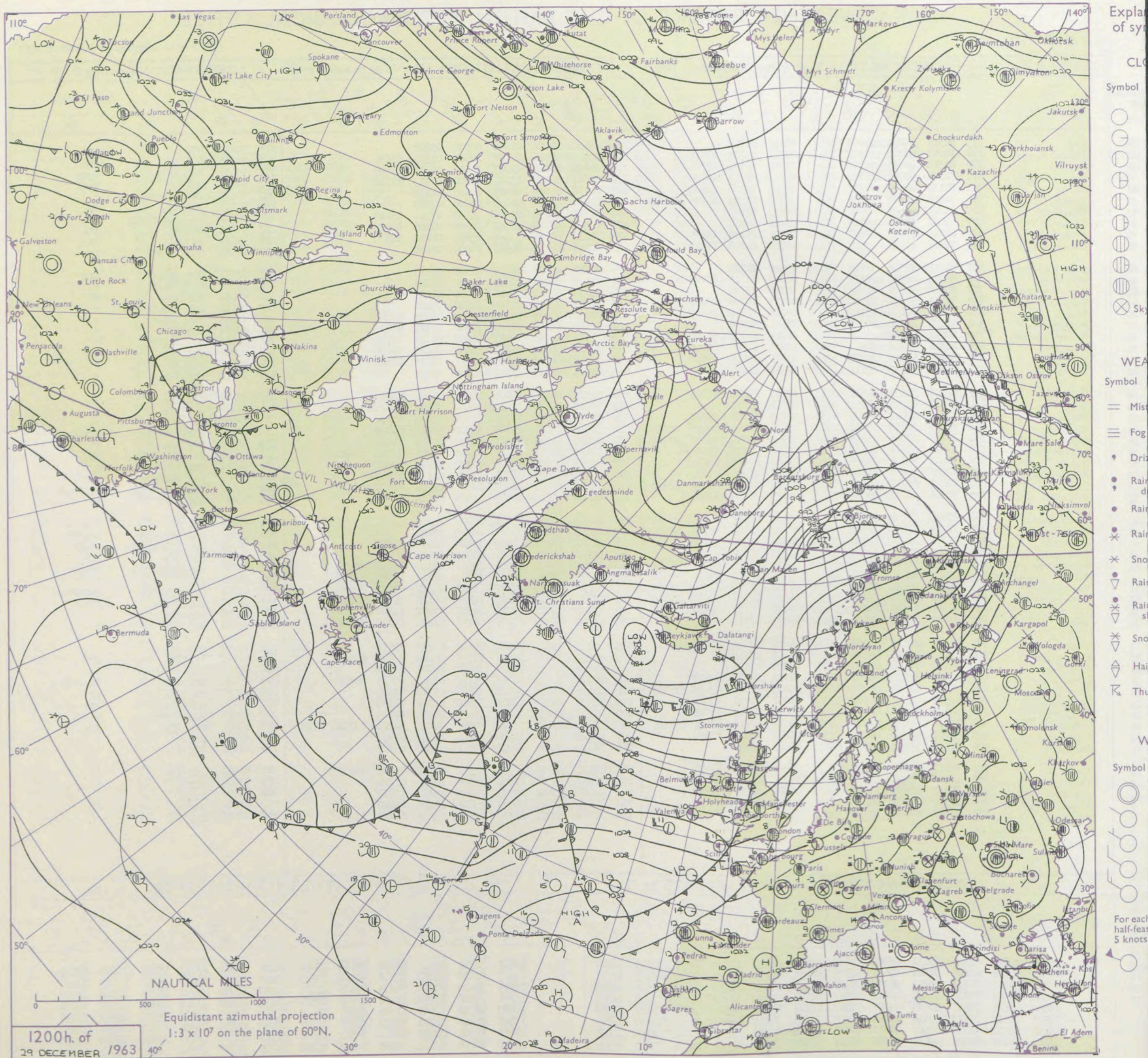
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Code FM 11.A		OBSERVATIONS at 12h. 29 December 1963										OBSERVATIONS at 18h. 29 December 1963										OBSERVATIONS during DAY				
Station	ill	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d app	8N _S Ch _S h _S	8N _S Ch _S h _S	8N _S Ch _S h _S	ill	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d app	8N _S Ch _S h _S	8N _S Ch _S h _S	8N _S Ch _S h _S	ill	RRT	T x E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Kew	775	62311	58052	21008	66411	06815	86712			775	02610	70028	21908	00900	05222				775	92091	003 +		pr			
London Airport	772	72007	48202	21508	75411	07712	83710	87615		772	22510	66016	22207	15601	05323	81630			772	92101	000 ir _o		ir _o			
Gatwick	776	82310	40515	22308	86211	07810	86704	88706		776	12809	66016	22707	15500	06319	81620			776	95091	000 d _o d _o		d _o r _o			
Thorney Island	871	72108	59012	22508	75611	07815	81712	87630		871	12807	56026	23807	16400	07323	81710			871	92091	001 dr		d _o r _o			
Hurn	862	82112	48586	21710	85511	09815	86708	88620		862	02712	66016	24007	00900	04228				862	94111	111 id _o drir		+			
Guernsey	894	72014	40104	25308	75511	08706	83703	84706	87625	894	02913	70026	26809	00900	06325				894	93111	001 id _o		ir _o			
Wattisham	590	82211	23505	20506	86211	06812	88703			590	32311	40036	20307	35500	07311	83625			590	94082	111 d _o d _o ffid _o		ir _o			
Gorleston	497	82411	20104	20905	86411	05819	88712			497	22409	48106	18907	25500	07306	82625			497	97082	001 +		ir _o			
Mildenhall	578	62012	37055	19507	56330	06822	85706	83365		578	12211	48056	19908	15600	06218	81630			578	91101	003 id _o		ir _o			
Cardington	559	71916	60056	19509	75411	06719	84708	87615		559	02213	56018	20507	00900	05226				559	97101	009 ir _o pro		pro			
West Raynham	485	82015	08505	18805	87211	05820	88703			485	02316	59016	19106	00900	05313				485	97081	000 d _o d _o ff		ir _o			
Wittering	462	82015	48505	18607	86211	06820	84703	88705		462	02410	66016	19706	00900	04223				462	92091	007 id _o ir _o		+			
Boscombe Down	746	82014	50606	21509	86311	08716	88706			746	02713	62016	23906	00900	04229				746	96101	006 ir _o		+			
Ross-on-Wye	627	72111	57802	17110	56421	08720	85710	87458		627	12308	77026	21507	11500	03228	81825			627	01111	028 id _o proir		+			
Bristol	628	62012	40056	18710	68400	09718	82816	86635		628	32410	58038	22706	35500	05225	83620			628	03111	019 ir _o pr		+			
Aberporth	502	12422	66216	16709	12430	07302	81818			502	12520	62010	21107	11400	05122	81815			502	08101	033 irrr		+			
Rhoose (Cardiff)	715	82414	32606	19309	85411	08715	82706	85710	88615	715	22715	62016	22807	21500	06321	82825			715	01101	033 ir _o ir		+			
Plymouth	827	82318	32216	21711	85411	10803	87707	88615		827	12806	56041	25708	12500	06225	81820			827	97111	025 ir _o		+			
Chivenor	707	62525	62216	20011	55430	09606	85615	84360		707	72512	66021	24008	71411	07119	87813			707	92111	035 ir		+			
St. Mawgan	817	32519	58015	22111	38430	09311	81707			817	02714	66010	25509	00900	06221				817	91111	047 id _o		+			
Culdrose	809	52820	50258	21811	58431	10703	83818	83362		809	12814	66010	25608	15500	06221	81620			809	97120	038 pr _o		+			
Scilly	804	22823	63018	21911	28400	07317	81814			804	32920	74031	25510	32400	07218	83818			804	97121	046 pr _o		+			
Elmdon	534	72013	40042	17208	66311	07723	85706	86708		534	12413	32046	19706	11500	03226	81820			534	01091	017 ir		+			
Shawbury	414	82115	58606	15108	85411	07723	84708	86616	88625	414	32412	74036	19106	28501	03219	81825			414	02101	032 ir _o irir		propr			
Manchester	334	71817	37046	13409	45631	06726	83710	84630	87358	334	12210	61016	17305	11500	02225	81825			334	01091	018 ir _o		+			
Squires Gate	318	72322	30616	12307	78411	06520	81818	87630		318	52519	58046	16106	48540	05224	82822	83641		318	03081	016 r _o r _o rrrr		jp			
Valley	302	52423	74016	13809	58500	07306	82820	85650		302	32528	74031	18208	32500	05220	83820			302	04101	031 ir _o rrrr _o r _o		+			
Ronaldsway	204	72528	69036	10609	68412	06306	83815	85635		204	42631	80038	14508	42500	04120	84820			204	03101	032 RRpr _o		+			
Carlisle	222	82222	62216	09408	68421	07726	81710	85650	88458	222	62312	69038	12207	68511	04214	82822	86650		222	04091	004 ir _o rrrr _o r _o		proph _o r _o			
Watnall	354	72216	20104	16007	75511	06725	86705	87620		354	02607	40026	18505	00900	02124				354	93081	008 ifrr		+			
Spurn Head	396	82015	16102	16105	86311	05703	88706			396	02315	48016	16206	00900	05319				396	97080	001 +		ir _o			
Finningley	360	71919	37042	15007	75611	06727	82705	84707	87640	360	02418	50048	16707	00900	05224				360	91091	002 ir _o d _o r _o		pr _o			
Dishforth	261	71714	19104	12406	36372	05836	83708	83360	87362	261	12517	69258	14606	19400	03224	81912			261	96081	006 ffr _o irpr _o		propr			
Tynemouth	262	81815	24052	10206	85511	04732	88625			262	02520	61028	09206	00900	02213				262	92091	000 ir _o		prs			
Eskdalemuir	162	82115	58636	07207	87211	06634	86705	88710		162	82312	74808	10804	88411	02122	84710	86817		162	09071	000 irRRrrpr _o		pr _o			
Mull of Galloway	131	42528	74021	08708	48511	05205	82820	83630		131	62520	78022	13107	68511	04227	83820	83630		131	00111	111 /		/			
Prestwick	135	62514	66216	06508	48438	07503	81708	83650	86360	135	72417	66028	09507	68541	04322	83721	84635		135	09101	006 ir _o rrrr		prprpr _o			
Renfrew	141	72811	66216	05108	55571	05515	81710	84630	87360	141	72716	59808	08407	72511	04220	82720	87824		141	08102	005 rrpr _o		propr			
Leuchars	171	82021	62606	03709	37421	07737	83715	88540		171	22320	74016	05305	28501	02111	81820			171	01091	021 ir _o		+			

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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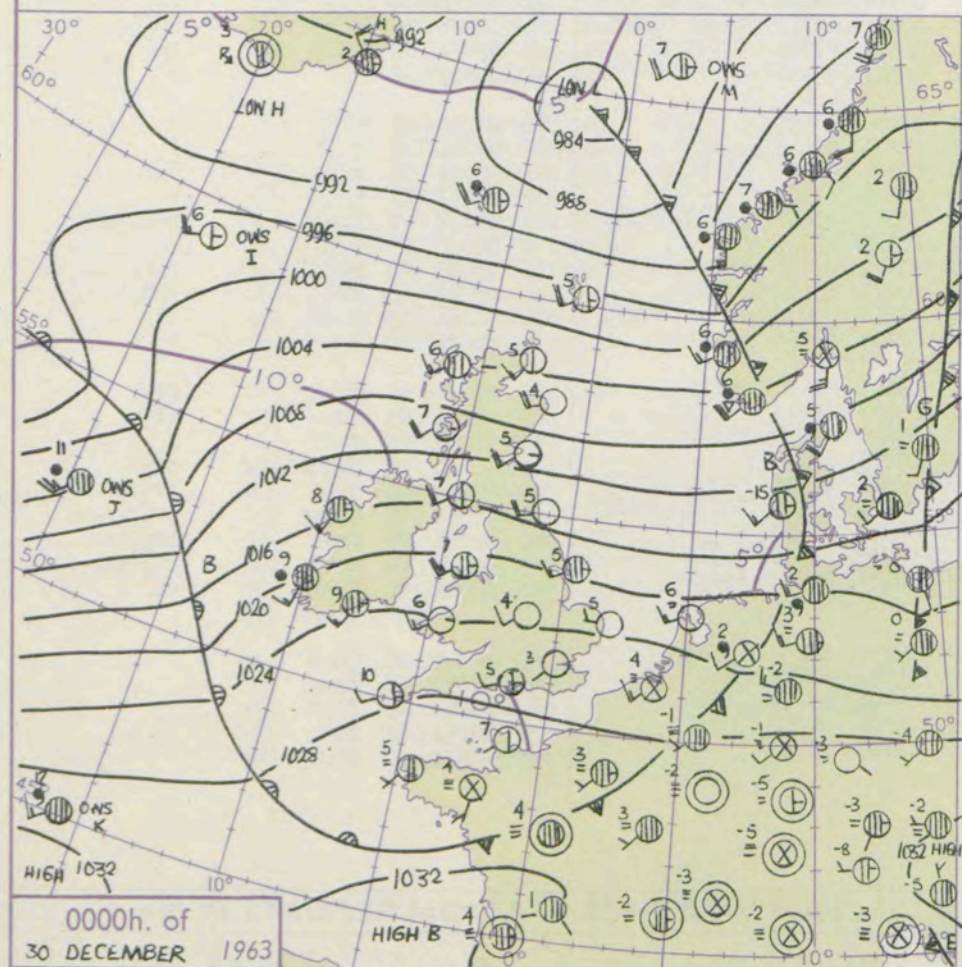
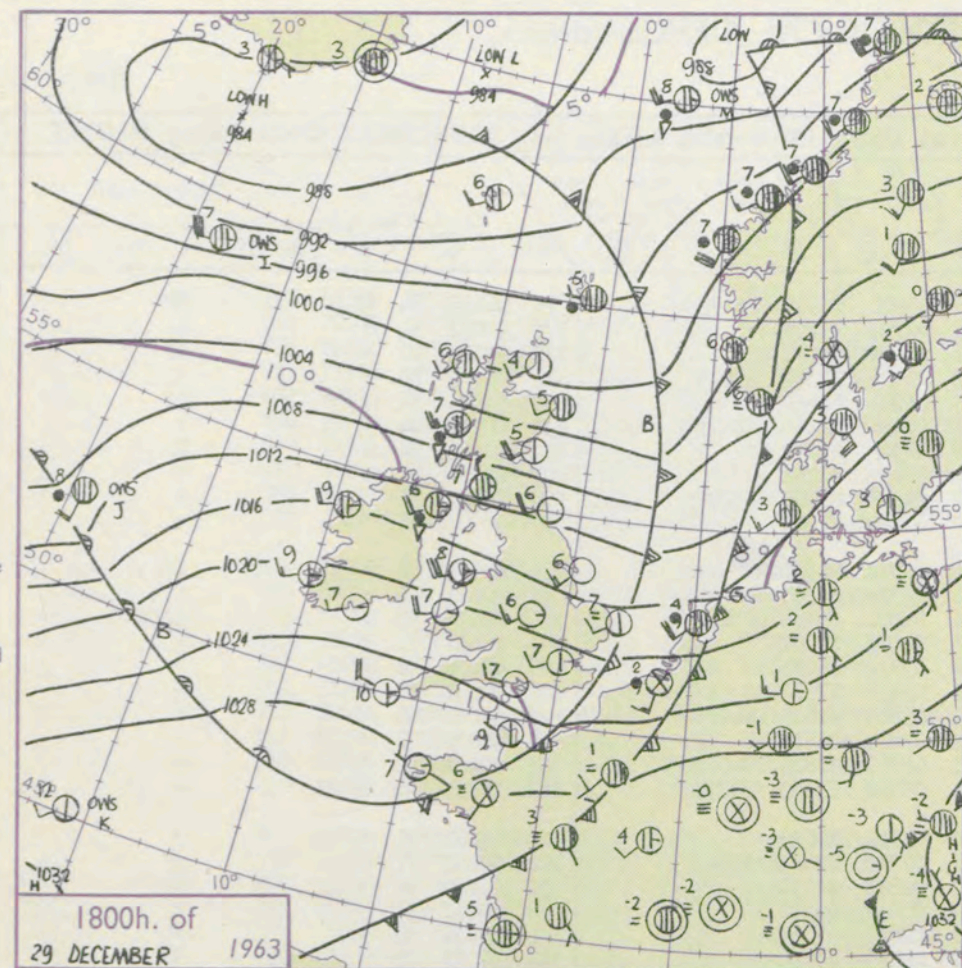
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GENERAL SYNOPTIC DEVELOPMENT

A depression which was near O.W.S. "D" yesterday deepened considerably as it moved northeast and is now approaching Iceland. It is expected to move east in the next 24 hours and to fill a little. A secondary depression now forming off the west coast of Scotland will move rapidly east to be off Norway tomorrow morning. The cold front of this system is now approaching Ireland and is expected to move steadily east to clear Northern Ireland and Scotland this evening and the whole of the British Isles by dawn.

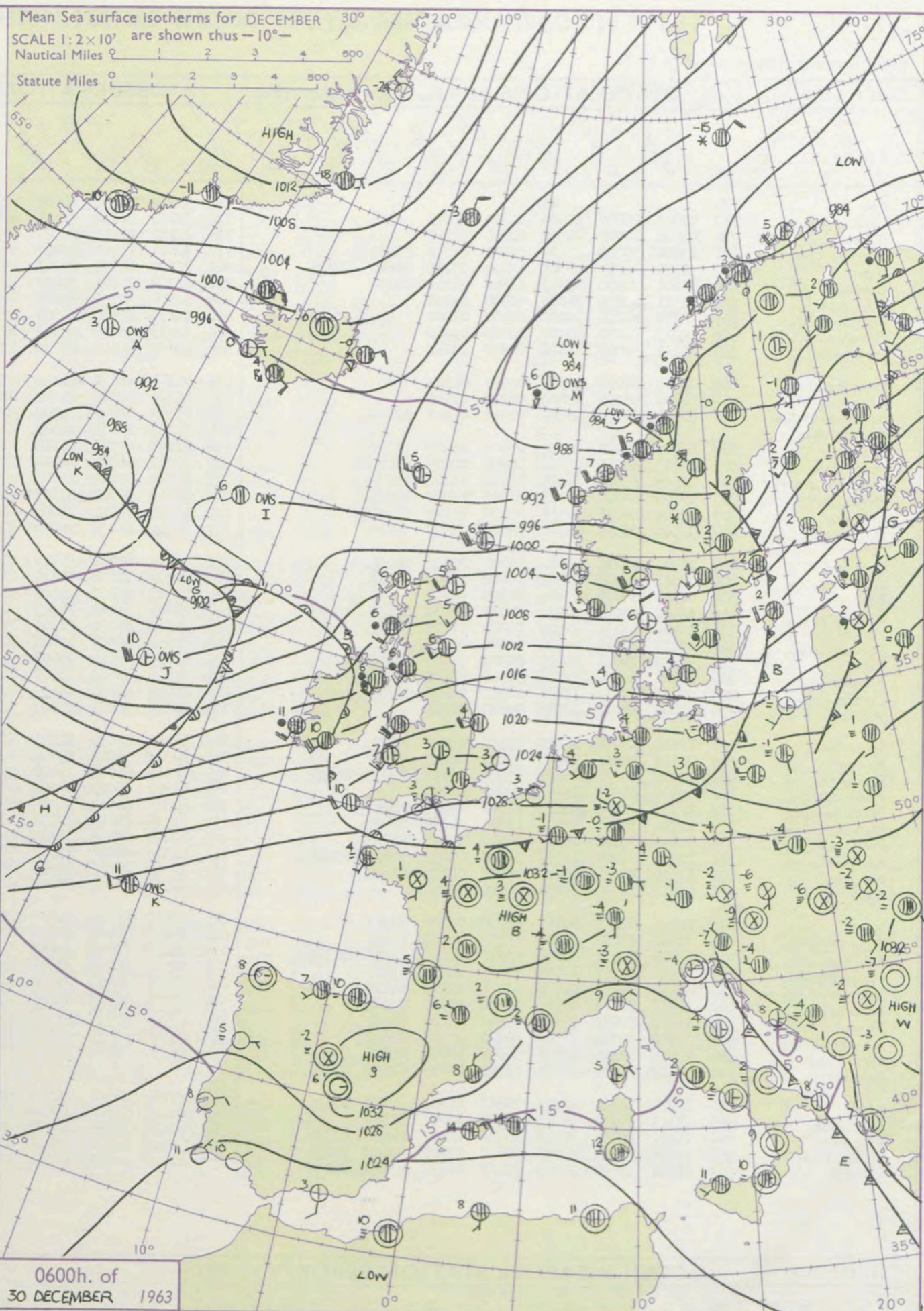
Issued at midday Monday 30 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The rain over Northern Ireland, north Wales, northern England and the whole of Scotland will move away east by evening and be followed by brighter weather but with showers which will be heavy locally. The remainder of the British Isles will be mainly dry and cloudy today but by tomorrow brighter weather with scattered showers will have reached all areas. Near normal temperatures.

OUTLOOK for following 24 hours
Showers in the northwest, mainly dry elsewhere. Near normal temperatures.



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

Code FM II.A		OBSERVATIONS at 00h. 30 December 1963										OBSERVATIONS at 06h. 30 December 1963										OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s	iii	RRT	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			05						775	52307	05414	26904	50950	03203	85362	83365		775	91033	54	1f	FF	40			
London Airport	772	02202	66020	25903	00900	03215				772	72105	58031	27301	00906	01101	87270			772	00011	54	+	+	39			
Gatwick	776	02508	80020	26502	00900	02113				776	22102	04411	28302	00901	02203	82070			776	97513	56	+	1f	38			
Thorney Island	871	13002	59030	27404	00901	03212	81075			871	72601	11101	28801	10932	01305	81359	87075		871	00001	53	+	+	37			
Hurn	862	32510	66030	27005	15604	03111	81640	83075		862	22302	48111	27703	15630	01201	81640			862	97021	51	+	1f	36			
Guernsey	894	12608	78030	29907	15600	05211	81630			894	62308	70011	30208	10932	06102	81365	86075		894	00061	01	+	+	35			
Wattisham	590	02511	63020	24003	00900	02114				590	32308	32100	25801	00906	01305	83272			590	97012	51	+	FF	34			
Gorleston	497	02708	60020	22005	00900	03221				497	12407	62020	24703	10970	02004	81358			497	00022	51	+	+	33			
Mildenhall	578	02313	62020	23104	00900	03212				578	32013	58030	25303	10932	02205	81360	83070		578	00031	51	+	+	32			
Cardington	559	02411	50050	24604	00900	03215				559	12213	48040	25703	10930	03202	81360			559	97021	51	+	+	31			
West Raynham	485	02414	66020	22303	00900	02212				485	62314	61031	24303	60951	02304	86362			485	00021	50	+	1f	30			
Wittering	462	02409	66020	23604	00900	02115				462	12310	62010	24103	10941	02301	81365			462	00011	52	+	+	29			
Boscombe Down	746	22407	61030	26802	00901	01106	82078			746	61905	62012	28002	50951	02301	85364	83078		746	00013	53	+	ffff	28			
Ross-on-Wye										627	72311	70031	24606	70951	04400	87362			627	00041	51	+	+	27			
Bristol	628	21708	52030	25705	25600	04009	82630			628	61809	61011	26104	00908	03802	86275			628	00031	51	+	+	26			
Aberporth	502	12313	66011	24606	00902	04009	81070			502	72017	66021	22107	70971	05817	87362			502	93051	51	+	+	25			
Rhoose (Cardiff)	715	12609	62011	26405	15601	05104	81630			715	52310	62031	25806	25501	05805	82625	84075		715	00041	01	+	+	24			
Plymouth	827	22706	56020	28107	21500	07207	82825			827	12213	56021	27509	11402	07807	81818			827	00031	51	+	+	23			
Chivenor	707	10000	66011	26906	10930	05208	81360			707	41811	74021	26206	11401	04807	81818	84075		707	00041	51	+	+	22			
St. Mawgan	817	22504	66031	28206	25500	05307	82625			817	41812	66030	26806	10935	05712	81365	84275		817	00051	02	+	+	21			
Culdrose	809	12407	64010	29506	15600	05223	81630			809	42316	64011	26709	45530	07715	84625			809	00061	01	+	+	20			
Scilly	804	32311	74030	27510	25402	05103	82618			804	62218	79031	25810	68411	07713	82814	85623		804	00091	11	+	+	19			
Elmdon	534	02309	58020	23804	00900	03218				534	51910	59030	24503	55700	02803	85650			534	00031	00	+	+	18			
Shawbury	414	42404	82028	22904	38601	02010	81830	83645		414	71806	82021	22305	60941	03812	86361			414	00041	51	+	+	17			
Manchester	334	12108	69031	21504	00901	01115	81075			334	71912	66031	21304	75711	02806	87650			334	00021	01	+	+	16			
Squires Gate	318	02417	60011	20406	00900	05118				318	71916	66021	19805	75711	04807	87650			318	97051	03	+	+	15			
Valley	302	52323	74031	22007	00902	05108	85075			302	82030	69021	18609	55571	07727	85620	88459		302	97071	05	+	ir _o	14			
Ronaldsway	204	42421	80030	19307	31504	05115	83820			204	82128	69601	15909	85411	07827	82712	86618	88645	204	02071	05	+	rrdo _{ro}	13			
Carlisle	222	22313	61011	17406	28500	04120	81820			222	72218	64031	16507	70951	04813	87362			222	92051	02	+	ir _o	12			
Watnall	354	00000	48011	22503	00900	02212				354	52208	58031	23603	55700	02501	85650			354	00021	55	+	+	11			
Spurn Head	396	72514	48031	20105	75511	03220	87625			396	62520	57031	21804	65500	01208	86625			396	00030	11	+	+	10			
Finningley	360	32512	56041	20907	35600	02113	83638			360	72312	59041	22304	75611	02201	87640			360	00051	52	+	+	9			
Dishforth	261	52516	80031	19007	55500	03217	82625	84632		261	62012	80011	19905	55530	02807	83622	83635		261	00041	02	+	+	8			
Tynemouth	262	02520	66020	15705	00900	03233				262	41912	66021	17105	40970	02806	84360			262	00051	00	+	+	7			
Eskdalemuir	162	22515	74258	14905	22400	03217	82817			162	82321	66011	14305	68421	03819	83817	86628	88460	162	02032	01	pr _o	pr _o ir _o RR	6			
Mull of Galloway	131	22724	78030	17607	11501	04210	81825			131	82335	78602	12908	87511	06748	88720			131	94061	11	+	+	5			
Prestwick	135	22416	70028	14507	28540	05217	81825			135	82009	62601	13106	55571	03815	82715	85621	87459	135	05051	04	pr _o	r _o r _o	4			
Renfrew	141	32514	74258	13707	38500	03222	82820	83635		141	82316	66606	12306	55521	03712	85625	88459		141	03042	03	pr	rrdo _{ro}	3			
Leuchars	171	12320	80021	10205	15600	02124	81630			171	72322	74026	10306	35538	03710	83620	84360	87275	171	92041	03	+	+</				

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

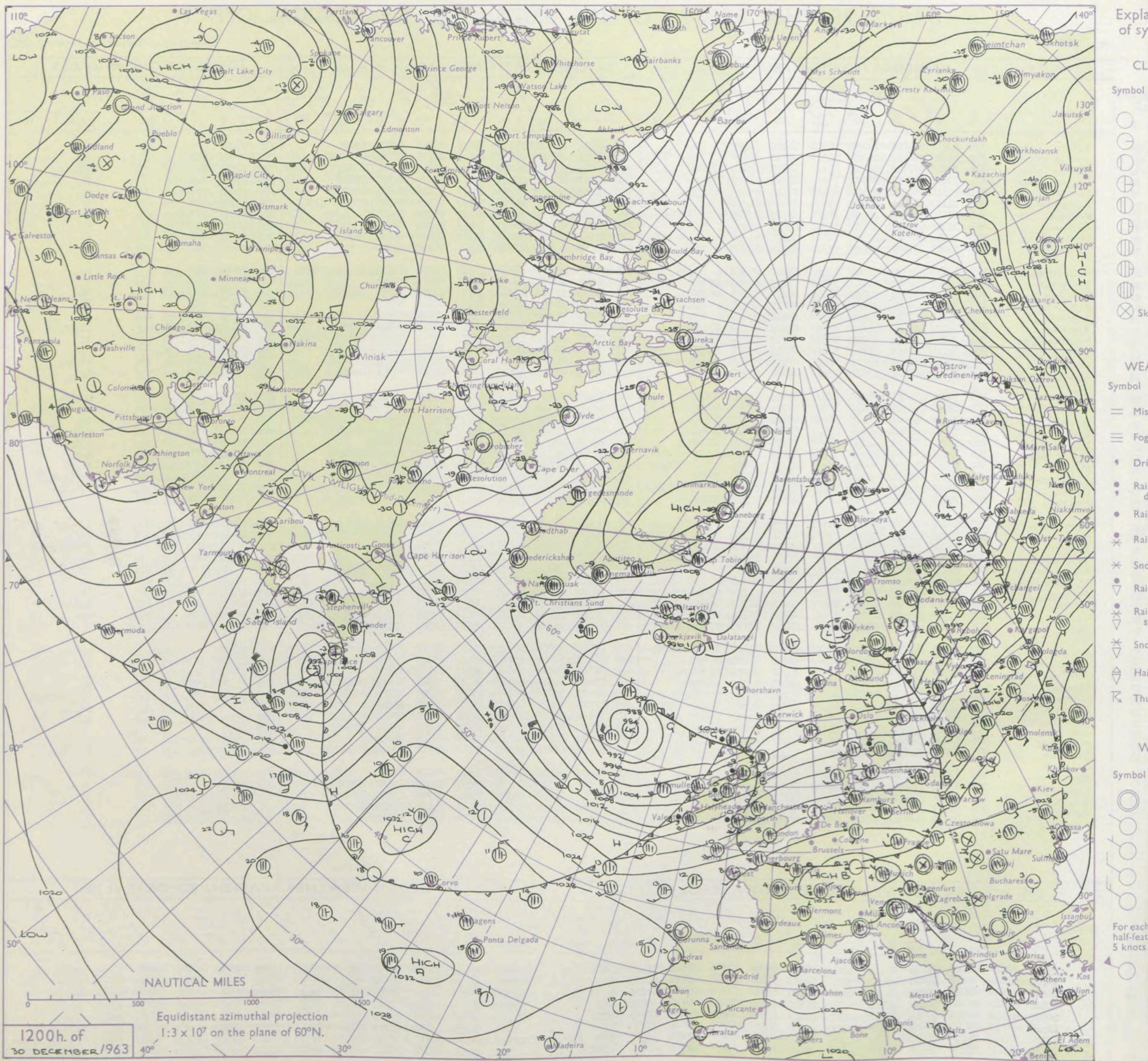
No. 37294

Date of Issue Tuesday 31 December 1963

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Code FM 11.A		OBSERVATIONS at 12h. 30 December 1963										OBSERVATIONS at 18h. 30 December 1963										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT T x E	SSS	WEATHER			
																								09h.—15h.	15h.—21h.	
Kew	775	42118	74024	24808	41401	06716	84812				775	82014	63022	20108	85511	06715	86715	88620		775	91091	049	+		d _o d _o	
London Airport	772	52011	56031	25108	51511	05720	85823				772	81911	62032	20508	85411	06716	88616			772	97091	037	+		id _o	
Gatwick	776	81915	57024	26208	85411	07818	85710	88613			776	82216	66031	21807	85411	06516	84708	88617		776	97091	016	1f		d _o r _o ir _o	
Thorney Island	871	72011	62031	26308	75411	07719	83712	87628			871	82016	60032	22107	85411	07718	83707	88618		871	97091	026	+		id _o	
Hurn	862	72114	64031	25510	65406	07714	86615	86075			862	82009	59602	21209	85411	08716	86612	88620		862	92101	111	+		ir _o	
Guernsey	894	22117	70021	27909	10932	06818	81360				894	72018	62021	24107	76211	06718	83703	85705	87707	894	00101	059	1f		ir _o	
Wattisham	590	32115	40024	23907	00902	05719	83075				590	82020	58031	18807	85411	05722	88618			590	97081	111	+		ir _o	
Gorleston	497	32310	60011	23106	10931	04822	81358				497	72117	60032	18107	70971	05724	87358			497	00081	033	+		+	
Mildenhall	578	12116	62011	22308	10931	05825	81358				578	81916	62021	17209	65531	05722	86624	88360		578	00091	045	+		+	
Cardington	559	32017	64031	22909	25702	05724	82650				559	82022	62031	17709	85511	06621	88626			559	00091	045	+		+	
West Raynham	485	72120	61034	21606	70951	04822	87360				485	81823	61031	16607	35637	05717	83630	85362	88270	485	00081	032	+		+	
Wittering	462	42019	66021	21107	25730	04825	82650	83360			462	82024	69021	16109	85511	06617	88624			462	97091	031	+		+	
Boscombe Down	746	72016	62054	24709	26331	06717	82709	86080			746	82215	58052	20508	85511	07714	85710	88620		746	97091	030	ff		ir _o	
Ross-on-Wye	627	72417	66021	20909	65511	05819	86625				627	82114	60025	16510	86411	07721	88715			627	97101	007	+		id _o	
Bristol	628	52116	62011	22609	45630	06724	84640				628	72011	56022	18309	75411	07716	87616			628	00101	036	+		+	
Aberporth	502	71922	62602	18310	75671	07825	84710	87630			502	82120	58205	14510	85511	08817	84708	88627		502	03102	000	ir _o id _o	id _o ir _o RR		
Rhose (Cardiff)	715	72310	66022	23209	55571	06718	81620	85630	85360		715	82516	62032	18409	75471	07714	83616	86626	88460	715	00091	001	+		+	
Plymouth	827	72114	58021	25510	52411	08715	85710	85815			827	82320	58025	20510	85411	08615	81708	88615		827	92101	000	id _o	r _o r _o		
Chivenor	707	72016	62021	23110	48430	07820	82814	83635	85360		707	82420	62502	19110	85411	08612	88614			707	97111	015	+		id _o ir _o	
St. Mawgan	817	72118	62021	23810	75411	08816	83710	87612			817	82319	58052	19610	85411	08611	86711	88614		817	93111	012	+		d _o d _o	
Culdrose	809	72425	60031	24210	75511	09815	84709	87620			809	82425	58025	19710	85411	09720	88612			809	97101	008	+		id _o ir _o	
Scilly	804	82323	61022	23510	85511	09714	87709	88627			804	82427	57502	18710	85411	09711	88614			804	97121	004	+		id _o	
Elmdon	534	72120	59031	20107	18452	05824	81815	84362			534	82115	48205	16209	85611	06615	84711	87719	88640	534	91091	030	+		id _o	
Shawbury	414	72221	69021	18009	75511	07622	84714	87626			414	82122	62026	13710	85411	06720	82618	88625		414	93111	005	ir _o	d _o r _o ir _o		
Manchester	334	72022	56031	16309	66482	05716	85718	87360			334	82118	64032	11909	85411	07616	88618			334	96101	001	+		r _o r _o	
Squires Gate	318	72229	60216	13909	75511	07727	81718	83622	87638		318	82222	59636	09709	85511	08719	83717	88621		318	03091	000	ir _o	r _o r _o rr		
Valley	302	82033	56506	14010	85411	09721	83705	87708	88612		302	82132	56636	09909	87211	09713	87705	88707		302	07101	000	id _o ir _o r _o r _o	ir _o RR		
Ronaldsway	204	82139	59216	10210	85611	09823	86708	88635			204	82220	62216	07409	85711	08807	82708	88650		204	03101	000	id _o ir _o	irRRr _o r _o		
Carlisle	222	82029	32616	08909	67421	08719	83709	86715	88525		222	82117	58216	06910	85511	09605	82705	85711	88623	222	10101	000	ir _o r _o r _o	r _o r _o ir _o		
Watnall	354	72114	56031	19106	26431	05823	82710	86360			354	72217	48012	14008	75511	06717	84712	87625		354	00091	001	+		+	
Spurn Head	396	62326	48022	17806	60975	03735	85360				396	82122	57032	12908	85511	06708	88620			396	00080	006	+		+	
Finningley	360	72228	56041	17307	11572	04731	81820	83359	87072		360	72228	56042	12010	35571	06716	83620</									

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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Wind
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(knots)

Calm

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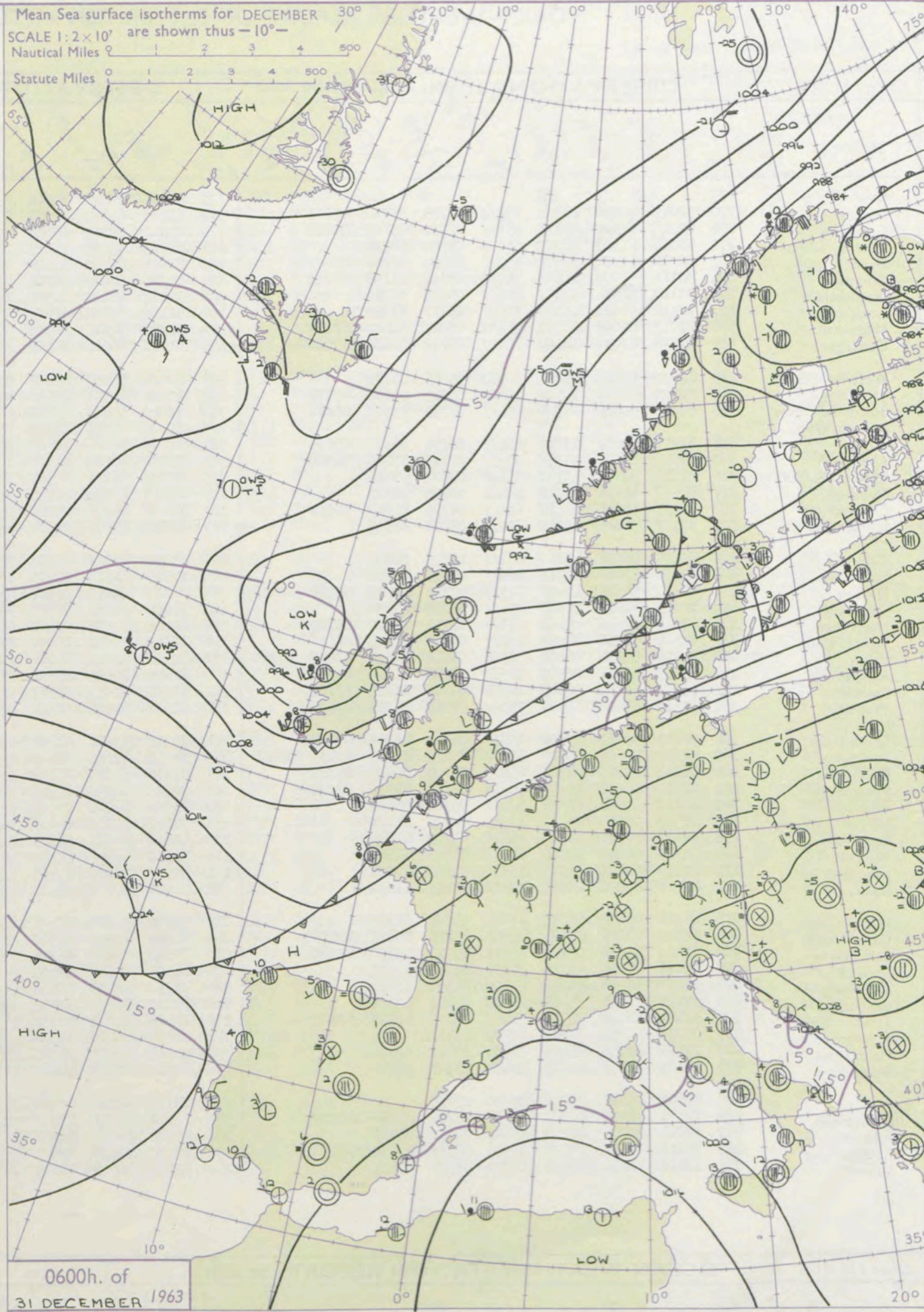
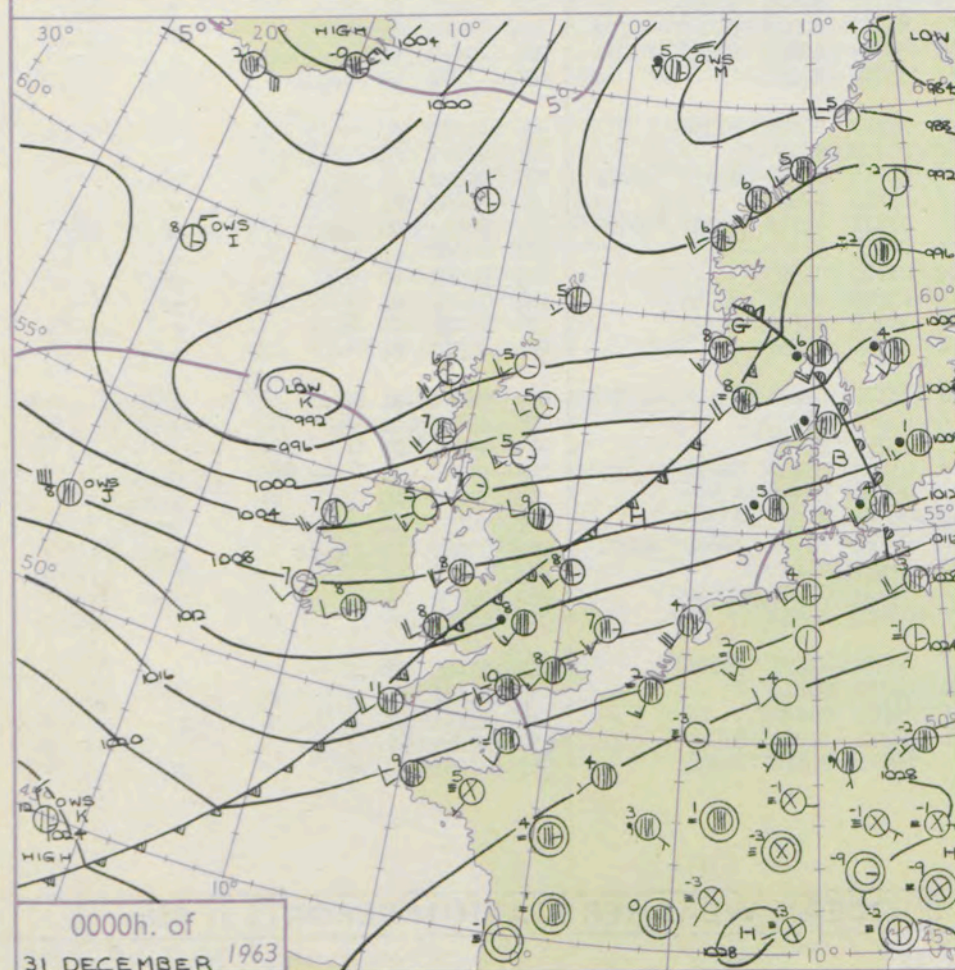
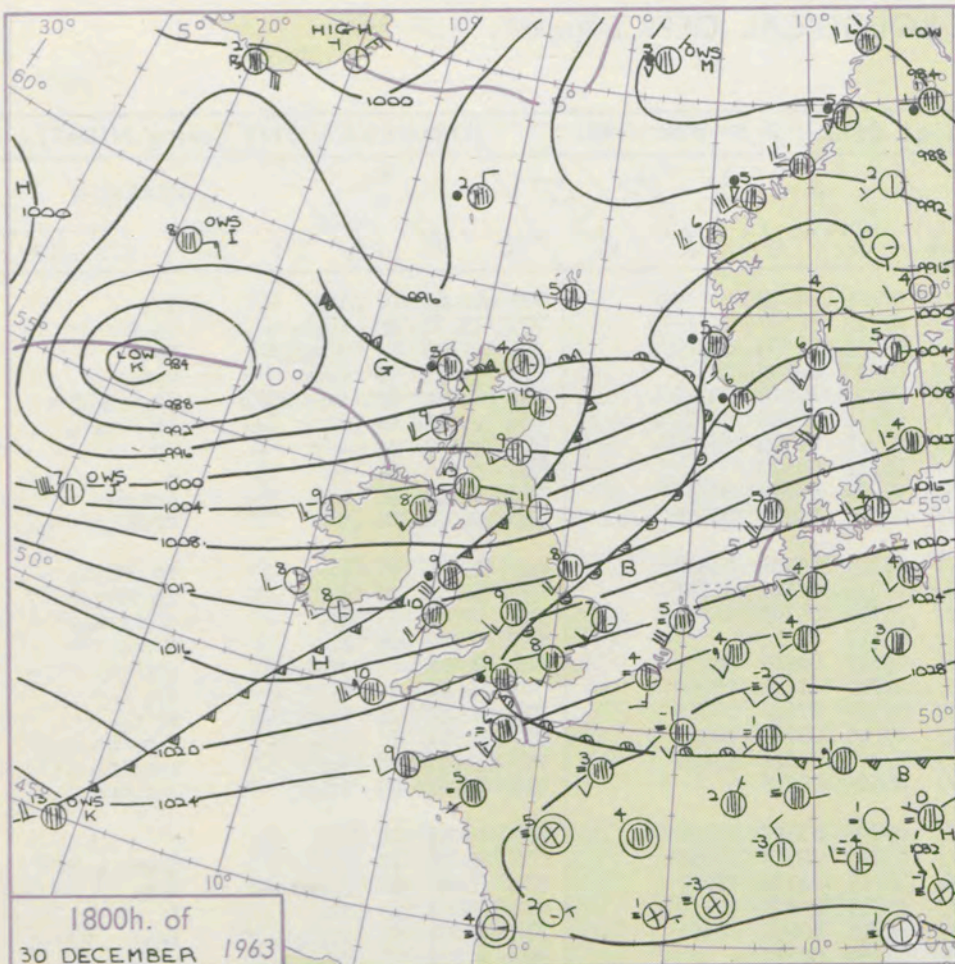
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13-17

additional
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48-52



GENERAL SYNOPTIC DEVELOPMENT

The depression which was west of Scotland yesterday has moved steadily eastwards and is expected to cross northern Scotland during the day as a filling feature. A cold front moved steadily across Ireland and Scotland yesterday but became slow moving during the night and is not expected to clear southeast England until late in the afternoon. A deepening depression in mid-Atlantic is moving eastwards and its frontal system is expected to be over Ireland tomorrow morning.

Issued at midday Tuesday 31 December

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Rain over southeast England is expected to move away east this afternoon and all areas of Britain will have variable cloud and showers and these may be prolonged in northern districts. Clear periods in many places tonight will lead to slight frost. Generally sunny tomorrow but cloud and rain will affect northwestern districts in the morning.

OUTLOOK for the following 24 hours. Rain or showers in most places. About normal temperatures.

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

Code FM 11.A										OBSERVATIONS at 00h.										31 December 1963										OBSERVATIONS at 06h.										31 December 1963										OBSERVATIONS during NIGHT										CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER																													
																															21h.—03h.	03h.—09h.																												
Kew	775				08					775	82115	70022	11508	85511	07721	88628				775	92081	07	id _o		ir _o					40																														
London Airport	772	72012	62216	16709	77411	07725	85710	87713		772	81913	62505	12308	87311	07722	88707				772	01071	05	id _o d _o r _o		id _o dr					39																														
Gatwick	776	82214	66206	18108	85411	07722	85708	88614		776	81912	58205	13407	87211	07725	83703	88705			776	91071	07	d _o r _o d _o d _o		d _o d _o					38																														
Thorney Island	871	82014	61506	18707	86211	07724	88705			871	81915	62205	13507	86211	07728	82705	88709			871	97071	06	d _o d _o		d _o d _o					37																														
Hurn	862	82216	62506	16910	85511	08728	86710	88623		862	82014	62605	12809	86311	08723	87708	88710			862	01071	06	ir _o d _o d _o rr		ir _o d _o d _o DR					36																														
Guernsey	894	82114	66022	20308	86311	07821	83706	88712		894	81916	66022	14708	86311	07834	84706	88712			894	95071	06	+		id _o dr _o r _o					35																														
Wattisham	590	82117	56036	15907	86411	06622	88710			590	82119	56022	12507	86211	07716	86704	88708			590	93072	05	+		dd					34																														
Gorleston	497	72114	60022	15507	70971	06717	87359			497	82116	60032	12407	85511	06712	88620				497	00061	04	+		+					33																														
Mildenhall	578	72017	66022	14708	25638	06717	82640	87270		578	81913	74212	10709	35637	07720	83630	88270			578	02071	06	+		dr _o r _o r _o					32																														
Cardington	559	71918	62012	14109	75611	06722	81630	87640		559	81913	66216	10509	85611	08723	86711	88630			559	01072	06	+		dr _o ir					31																														
West Raynham	485	82221	61012	13107	00907	06615	88272			485	82020	58602	09808	85511	07716	85708	88620			485	92071	05	+		ir _o ddd _o d _o					30																														
Wittering	462	82020	69022	13309	45607	06715	84630	88272		462	82311	66506	10508	85411	07716	83616	88631			462	96071	05	+		ir _o id _o r _o r					29																														
Boscombe Down	746	82013	40606	16308	85411	08733	85707	88616		746	82016	40616	11709	86211	08724	85705	88708			746	02061	05	ir _o		ir _o rr _o r _o					28																														
Ross-on-Wye										627	81907	77026	09707	86411	06817	88710				627	03071	05	ir		rrid _o					27																														
Bristol	628	81910	60032	13710	85411	08731	86611	88619		628	82209	56616	10607	25421	06817	82618	88530			628	05071	05	ir _o r _o r _o		ir _o r _o r _o					26																														
Aberporth	502	82318	66036	11308	35531	07712	83620	88360		502	82310	66022	08407	15621	05719	81640	88460			502	01051	04	RRid		ir _o					25																														
Rhoose (Cardiff)	715	82312	58502	13709	85411	07627	88614			715	82309	68216	10507	75571	05519	87627	88360			715	12062	06	id _o rrrr		rrir _o					24																														
Plymouth	827	82117	56026	16310	86411	09725	88713			827	82005	40636	12108	37321	07715	83708	88520			827	10071	06	r _o r _o id _o		r _o r _o rr					23																														
Chivenor	707	82217	59626	14110	65421	09726	86613	88530		707	72008	69216	10908	75511	07721	84622	87635			707	15071	06	irRRr _o r _o		r _o r _o ir					22																														
St. Mawgan	817	82117	58606	15010	87211	09728	88705			817	82010	63026	11807	85411	06616	88613				817	03061	05	ir _o ir		r _o r _o pr _o					21																														
Culdrose	809	82319	50636	15810	86111	10725	88702			809	81302	69016	11808	78411	06816	83815	85620			809	08061	04	rr		+					20																														
Scilly	804	82221	57026	14711	85411	09723	88614			804	82615	81216	12109	88511	06715	84823	88635			804	05071	//	rr		irpr					19																														
Elmdon	534	82117	56616	12408	87311	07718	82706	85709	88711	534	82112	59616	09507	85511	06813	84705	88627			534	02061	06	r _o r _o d _o d _o		r _o r _o					18																														
Shawbury	414	72013	74016	10009	75611	08722	87630			414	71808	74032	08207	78511	05719	83825	87650			414	05061	03	ir _o		+					17																														
Manchester	334	82014	37596	09109	87311	08713	85707	88709		334	82014	74026	07207	65711	04715	86656	88460			334	03051	05	ir _o d _o r _o dr		ir _o					16																														
Squires Gate	318	82509	58216	08508	85611	07806	81708	88636		318	82015	70032	06007	85711	05720	88650				318	97061	04	ir _o		+					15																														
Valley	302	72219	69026	08808	38508	08611	81825	83650	87270	302	72222	69022	05808	22508	06717	82825	87275			302	00071	05	+		+																																			