

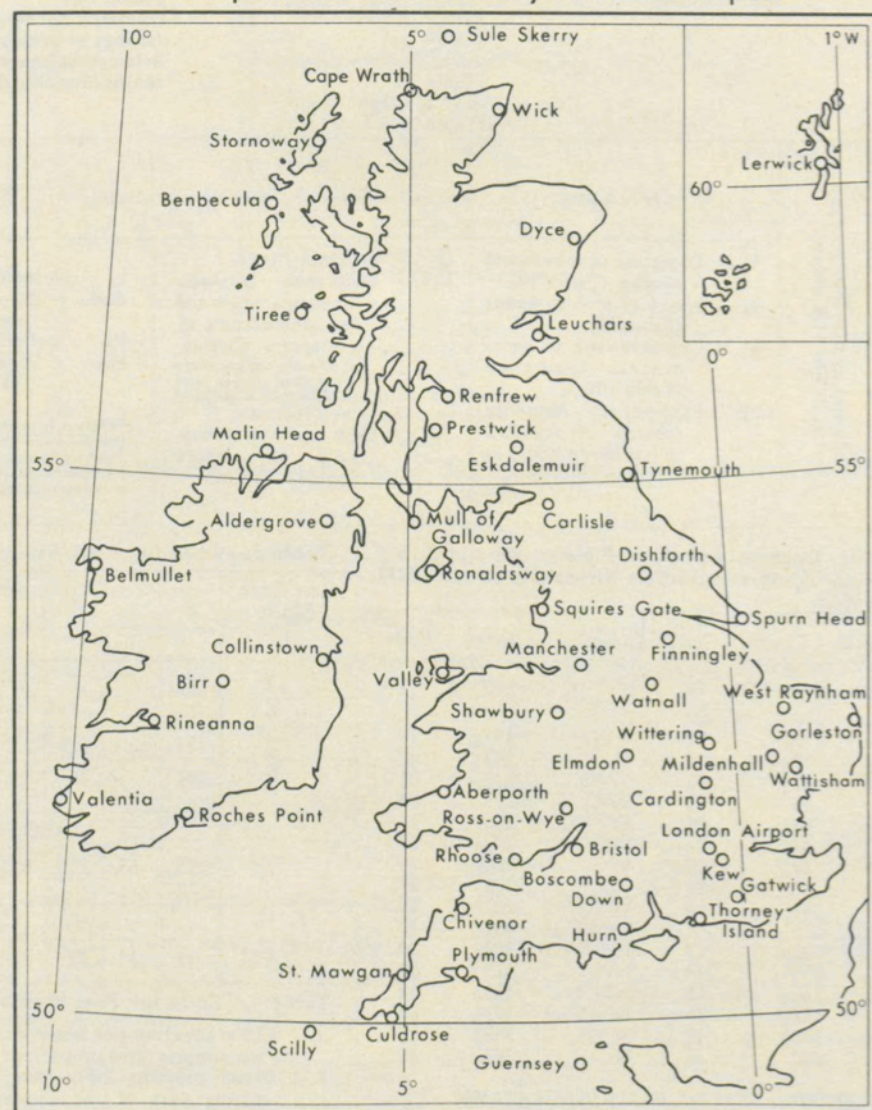
THE DAILY WEATHER REPORT

(INTRODUCTION)



1st January to 31st March, 1964

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 _s h _s	
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.		VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).		PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Celsius.		N _h = Fraction of celestial dome covered by CL (or CM if no CL). CL = Form of low cloud (Table 6). h = Height above ground of base of lowest 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 _s h _s = Height of base of cloud (Table 12).	
CODE FM 2IA—Ships											
YQL _s L _s L _s		LoLoLoGG		D _s v _s a pp		O T _s T _s T _d T _d		I dwdw P _w H _w		RRR _T T _x E _T RRR _T T _n E _T	
Y = Day of the week. Q = Octant of the Globe (0 = west, 3 = east). L _s L _s L _s = Latitude in degrees and tenths.		LoLoLo = 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. dwdw = Direction (in tens of degrees) from which waves come (Table 2). P _w = Period of waves (Table 16). H _w = Mean maximum height of waves (Table 17). When it is possible to make a clear distinction between sea and swell two I dwdw 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 dwdw) corresponding to compass directions (Codes 0877 and 0885)

Direction (Compass equivalent Points)	Exact in degrees	Code dd	Direction (Compass equivalent Points)	Exact in degrees	Code 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

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

(ii) **Rainfall.**—Tr. : = There has been precipitation, but amount less than 0.05 mm.

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

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

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

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

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

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

First Code Figure	0	1	2	3	4	5	6	7	8	9
5	3½	*	*	*	*	*	3¾	†	5	
6	6½		7½		8½		10		11½	
7	12½		13½		15		16½		17½	
8	18½		25		31½		37½		43½	Over 43½
9†	<55	55	220	550	1,100	2,200	2½	6½	12½	31 or over
F	<11	11	22	33	44	55	66	77	88	99

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.	

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 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				71	Continuous fall of snow flakes.	
	02	State of sky on the whole unchanged.			32				72	Intermittent fall of snow flakes.	
	03	Clouds generally forming or developing.			33				73	Continuous fall of snow flakes.	
	04	Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.			34				74	Intermittent fall of snow flakes.	
	05	Haze			35				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				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				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				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				79	Ice pellets type (a).	
	10	Mist.		40-49 Fog or ice fog at time of observation.	40	Fog or ice fog at a distance at the time of observation, but not at the station during the last hour, the fog or ice fog extending to a level above that of the observer.	80-90 Showery precipitation	80	Rain shower(s), slight.		
	11	Shallow fog or ice fog, in patches.			41			Fog or ice fog in patches.	81	Rain shower(s), moderate or heavy.	
	12	Shallow fog or ice fog, more or less continuous.			42			Fog or ice fog, sky discernible.	82	Rain shower(s), violent.	
	13	Lightning visible, no thunder heard.			43			Fog or ice fog, sky not 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 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 not 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 or ice fog, sky not discernible.	86	Snow shower(s), moderate or heavy.	
	17	Thunder heard but no precipitation at time of observation.			47			Fog or ice fog, 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			Fog, depositing rime, sky discernible.	88	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.	
19	Funnel cloud(s)†	49	Fog, depositing rime, sky not discernible.		89			Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.			
20-29 Precipitation, fog or thunderstorm at station in past hour but not at time of observation.	20	Drizzle (not freezing), or snow grains.	50-59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.	91-99 Precipitation with current or recent thunderstorm	91	Slight rain at time of observation.	thunderstorm during the preceding hour, but not at time of observation.		
	21	Rain (not freezing).		51	Drizzle, not freezing, continuous.		92	Moderate or heavy rain at time of observation.			
	22	Snow.		52	Drizzle, not freezing, intermittent.		93	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.		94	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.		95	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.		96	Thunderstorm, slight or moderate, with hail at time of observation.			
	26	Shower(s) of snow, or of rain and snow.		56	Drizzle, freezing, slight.		97	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).		98	Thunderstorm combined with duststorm or sandstorm at time of observation.			
	28	Fog or ice fog.		58	Drizzle and rain, slight.		99	Thunderstorm, heavy, with hail at time of observation.			
	29	Thunderstorm (with or without precipitation).		59	Drizzle and rain, moderate or heavy.						
			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.	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 re-frozen snowflakes. type (b)—Pellets of snow encased in a thin layer of ice.				
				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.						

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 or cumulus fractus of bad weather (pannus), or both; usually below altostratus or nimbostratus. By "bad weather" is meant the conditions which generally exist before, during or after precipitation.
8 = Cumulus and stratocumulus, other than those formed from the spreading out of cumulus: the base of cumulus is at a different level from that of stratocumulus.
9 = Cumulonimbus, the upper part of which is clearly fibrous (cirriform), often in the form of an anvil; either accompanied or not by cumulus, stratocumulus, stratus or pannus.
/ = Stratocumulus, stratus, cumulus and cumulonimbus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena.

Table 7.—Code for form of Medium Cloud (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 an anvil: either the remains of the upper parts of a cumulonimbus or parts of distant cumulonimbus, the cumuliform portions of which cannot be seen.
4 = Cirrus in the form of hooks or of filaments, or both, progressively invading the sky: they generally become denser as a whole.
5 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone: in either case, they are progressively invading the sky, and generally growing denser as a whole, but the continuous veil does not reach 45 degrees above the horizon.
6 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone: in either case, they are progressively invading the sky, and generally growing denser as a whole: the continuous veil extends more than 45 degrees above the horizon, without the sky being totally covered.
7 = Veil of cirrostratus completely covering the celestial dome.
8 = Cirrostratus not progressively invading the sky and not completely covering the celestial dome.
9 = Cirrocumulus alone or cirrocumulus accompanied by cirrus or cirrostratus, or both, but cirrocumulus is the predominant cirriform cloud.
/ = Cirrus, cirrocumulus and cirrostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

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

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

Note 1.—If there is no cloud at all code figure 9 is reported.

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

Note 3.—Height above ground of the base of cloud. If there is cloud of Form 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.

Table 10.—Code for Characteristic of Barometric Tendency (a) (Code 0200)	Table 11.—Code for Type of Cloud (C) (Code 0500)	Table 12.—Code for Height of Cloud (h _h) (Code 1577)
0 = Increasing, then decreasing; atmospheric pressure the same as or higher than 3 hrs. ago. 1 = Increasing, then steady; or increasing, then increasing more slowly. 2 = Increasing (steadily or unsteadily). 3 = Decreasing or steady, then increasing; or increasing, then increasing more rapidly. 4 = Steady, atmospheric pressure the same as 3 hrs. ago. 5 = Decreasing, then increasing; atmospheric pressure the same as or lower than 3 hrs. ago. 6 = Decreasing, then steady; or decreasing, then decreasing more slowly. 7 = Decreasing (steadily or unsteadily). 8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.	0 = Cirrus (Ci). 1 = Cirrocumulus (Cc). 2 = Cirrostratus (Cs). 3 = Altcumulus (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.	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 14.—Code for Direction in which Ship has moved (D _s) (Code 0700)	Table 15.—Code for Speed of Ship (v _s) (Code 4451)	Table 16.—Code for Period of Waves (P _w) (Code 3155)	Table 17.—Code for Mean Maximum Height of Waves (H _w) (Code 1555)			
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.	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	sec. 2 = 5 or less 3 = 6 or 7 4 = 8 or 9 5 = 10 or 11 6 = 12 or 13 7 = 14 or 15 8 = 16 or 17 9 = 18 or 19 0 = 20 or 21 1 = >21 / = Calm or period not determined.	m. ft. 0 = <½ 1 = ½ 2 = 1 3 = 1½ 4 = 2 5 = 2½ 6 = 3 7 = 3½ 8 = 4 9 = 4½ / = Height not determined.	50 added to d _w d _w m. ft. 0 = 5 1 = 5½ 2 = 6 3 = 6½ 4 = 7 5 = 7½ 6 = 8 7 = 8½ 8 = 9 9 = 9½	Notes :— (i) The range of heights covered by a number is half a metre, e.g., number 3 applies to waves whose heights are between 1½ m. and 1¾ m. (4 ft. and 5½ ft.). (ii) Waves whose heights are greater than 9¾ m. (31 ft.) are reported by coding H _w as 9 and adding after the code group the word WAVE and the actual height in metres or feet ; e.g., Wave 40. (This additional information is not given in the Daily Weather Report due to shortage of space.) (iii) If a wave height comes exactly midway between the heights corresponding to two code figures, the lower code figure is reported.	

Table 18.—Code for Amount of Precipitation (RR) (Code 3577)	Table 19.—Explanation of Beaufort Letters (pages 1 and 4)
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.	d = drizzle. f = fog, visibility 220 yards. or more but less than 1,100 yards. F = thick fog, visibility less than 220 yards. h = hail. ks = storm of drifting snow. I = lightning. p = shower(s). r = rain. s = snow. rs = rain and snow. t = thunder. Intensity is shown by capital letters ("heavy" or "thick") or suffix "o" ("slight"). Continuous precipitation is shown by repeating the letter and intermittent precipitation by the prefix "i". The prefix "j" indicates weather near but not at the station.

5. EXPLANATION OF CHARTS

BAROMETER. Isobars are drawn for intervals of four millibars.

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

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

CLOUD SYMBOLS

○ Clear sky. ⊖ Sky ⅛ covered. ⊕ Sky ¼ covered. ⊕ Sky ⅜ covered. ⊕ Sky ½ covered.
 ⊕ Sky ⅝ covered. ⊕ Sky ¾ covered. ⊕ Sky ⅞ Covered ⊕ Sky ⅞ 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.
	Cold Front on the surface.		Warm Occlusion.
	Stationary Front.		Cold Occlusion.
	Axis of trough.		Stationary Occlusion.
			Lines of Frontogenesis.

Short strokes across the frontal line indicate Frontolysis.

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

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

Dg.
No. 97

For JANUARY 1964

South to southwest winds covered most of the country for the first three days after which an anticyclone developed over Scotland on 4th and moved to southern England by 6th. From 6th to the 9th this anticyclone remained centred over the English Channel with the whole of the United Kingdom in its circulation. From 10th to 12th, however, pressure rose to the north of the British Isles and on 13th and 14th easterly winds were blowing over much of the country. On 15th the main anticyclonic centre was near southern Norway and by 17th had moved to central Europe where it persisted to 20th. On 20th and 21st however pressure rose again over France and the British Isles, transferring the main centre of the anticyclone westwards. This situation persisted until 26th but on 27th a cold front moved into western districts of the country from the Atlantic and from 28th to the end of the month a westerly type of weather prevailed with troughs and ridges moving eastwards across the British Isles.

It was mild and sunny in southern England on 1st but cloudy weather affecting other parts of the country extended to all districts on 2nd. Rain in the extreme northwest was heavy for a time, and in thirty six hours nearly 2 inches was recorded at Benbecula. Some western counties had sunny periods on 3rd and it was dry in England and Wales, but rain and drizzle occurred over much of Scotland and Northern Ireland.

Fog was widespread on 4th and this became a significant feature of the weather over central and southern England and Wales during the next few days. It was sunny in parts of northwest England and in Scotland on 5th, but rain crossed these areas on 6th. All other parts of the United Kingdom had generally dull but dry weather with only occasional periods of light rain or drizzle and fog in places. Temperatures were around the seasonal average.

Colder air from the continent spread westward over southern England on 10th

giving temperatures several degrees below average and periods of sleet or snow over all districts up to 13th. It became slightly less cold in the south on 14th and the snow cover in many counties was of short duration. Cloud and light drizzle at times affected most of the country on 15th but eastern coastal districts were sunny. Long periods of sunshine were general on 16th and only the extreme southwest was affected by cloud from the Atlantic. On the following day it was sunny almost everywhere and again in the southeast on 18th but cloud and rain from the west moved across all other districts during the day and reached all parts of the country during the night.

For the next few days low cloud, drizzle and extensive fog affected most counties of England and Wales. Scotland and Northern Ireland were affected only a little and had a little sunshine. Temperatures were around normal and it became generally dry by 21st but the fog was widespread and persisted until 23rd when westerly winds associated with a depression over Scandinavia brought periods of rain and a temporary burst of sunshine to all areas except southeast England. Fog returned to many areas on 25th but was of short duration, and although much of the country was cloudy on 26th northeast England was sunny. Rain associated with a cold front moving east from the Atlantic crossed all parts of the country on 27th and 28th.

It was cloudy and mild on 29th with widespread rain or drizzle. A sunny day followed over much of the country after the clearance of overnight rain but further rain followed from the west to affect all areas on 31st.

Mean maximum temperatures and total hours of sunshine duration were unremarkable except that it was unusually cloudy in southwest England. The outstanding feature was the very low rainfall. Many places recorded totals equal only to about a quarter of the monthly average figure. Dyce, Cardiff and Watnall recorded new lowest January totals.

PLACE	TEMPERATURE										SUNSHINE								RAINFALL												Days with thunder	Days with snow or sleet	Days with fog (Vis. < 2200 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	05·8	-0·5	02·3	+0·1	11·8	31	-03·0	18	17	06	19	07·0	30	037	080	1880	082	1954	015	1885	21	05	27	013	024	1866	127	1877	11	(a)	00	04	01
Thorney Island	06·1	-1·0	02·1	0·0	11·3	31	-03·2	13	14	09	19	07·2	30	042*	066	1958	103	1959	046	1960	23	05	27	015	020	1941	133	1943	14	1963	00	04	01
Gorleston	04·5	-1·9	01·0	-1·1	10·0	31	-02·0	21	17	07	15	06·4	16	050	093	1908	093	1959	027	1915	24	03	27	011	020	1915	142	1939	18	1933	00	03	05
Cardington	05·0	-0·9	-00·3	+1·8	11·7	31	-09·6	14	22	19	15	07·9	30	050	098	1954	071	1962	038	1955	20	05	12	022	049	1953	092	1956	19	1957	00	04	03
Boscombe Down	04·9	-1·1	01·0	-0·2	09·8	31	-05·1	18	16	09	21	06·8	(a)	030	054	1933	092	1959	027	1955	22	03	27	012	016	1931	158	1943	09	1950	00	02	01
Ross-on-Wye	05·7	-0·7	01·4	-0·6	12·4	31	-07·7	14	16	08	15	07·1	28	039	072	1915	096	1952	027	1960	18	03	(b)	015	020	1859	161	1943	07	1889	00	02	02
Rhoose (Cardiff)	05·5	-1·2	01·8	-0·8	08·8	31	-04·8	14	11	10	19	06·6	30	026*	046	1955	085	1959	031	1955	21	06	30	019*	020	1955	126	1962	64	1958	00	02	05
Plymouth	07·4	-0·8	03·7	-0·4	11·9	31	-01·5	12	11	03	16	06·9	28	038	063	1921	094	1963	029	1937	22	06	23	021	019	1949	170	1961	21	1963	00	02	00
Elmdon	05·2	-0·4	00·7	-0·2	11·4	31	-11·6	14	17	14	16	06·5	30	038	086	1928	073	1963	017	1960	19	06	12	019	030	1933	131	1960	14	1950	00	04	01
Valley	07·9	+0·5	04·1	+0·4	11·3	31	-03·9	14	06	05	15	07·2	16	046	079	1913	102	1933	029	1914	19	06	30	025	027	1946	195	1948	19	1963	00	00	00
Manchester	06·0	+0·3	01·8	+0·7	11·0	31	-03·5	17	13	09	16	06·8	17	043	127	1946	071	1959	011	1953	23	08	27	023	030	1929	170	1948	11	1963	00	02	00
Watnall	04·8	-0·5	00·6	-0·5	11·6	31	-06·7	18	22	13	18	05·5	(b)	033	075	1934	074	1952	020	1961	24	07	27	017*	025	1911	149	1948	21	1950	00	04	04
Dishforth	05·6	+0·4	00·1	-0·6	11·9	31	-05·2	22	22	15	12	07·6	26	078	132	1945	090	1959	030	1950	24	07	13	015	025	1947	134	1948	13	1949	00	02	04
Tynemouth	06·3	+0·4	02·9	+0·7	11·2	31	-02·5	18	14	02	12	06·5	24	055	128	1937	094	1959	006	1942	20	05	13	015	025	1864	170	1948	06	1905	00	00	00
Eskdalemuir	05·2	+0·6	00·4	+1·3	09·7	31	-08·0	17	18	10	15	06·9	17	040	091	1918	096	1959	012	1913	16	23	27	078	041	1910	390	1920	43	1941	00	03	02
Renfrew	07·0	+1·6	02·5	-1·7	11·7	31	-05·0	17	14	08	19	05·0	21	027	077	1921	056	1959	009	1940	20	13	03	045	038	1921	241	1928	18	1963	01	02	02
Leuchars	06·8	+1·4	01·4	-0·7	11·5	31	-05·3	17	16	08	11	06·4	30	054	096	1922	101	1959	021	1942	21	07	04	020	032	1922	124	1928	12	1953	00	02	01
Dyce	06·7	+1·8	01·3	+1·5	11·1	29	-06·5	06	22	09	10	06·4	30	052	096	1925	089	1959	019	1942	19	05	21	020*	025	1946	148	1947	27	1955	00	01	00
Stornoway	08·5	+2·2	04·5	+2·1	12·0	02	-03·6	16	05	04	13	06·2	16	036	103	1881	066	1963	012	1907	11	09	29	059	056	1943	195	1962	26	1963	00	01	00
Aldergrove	07·2	+1·2	02·8	+1·3	10·7	02	-02·3	05	12	03	15	04·6	05	027	060	1927	082	1959	024	1944	17	08	03	041	044	1927	143	1955	31	1935	00	02	00

* New lowest record
(a) 17, 30
(b) 16, 30

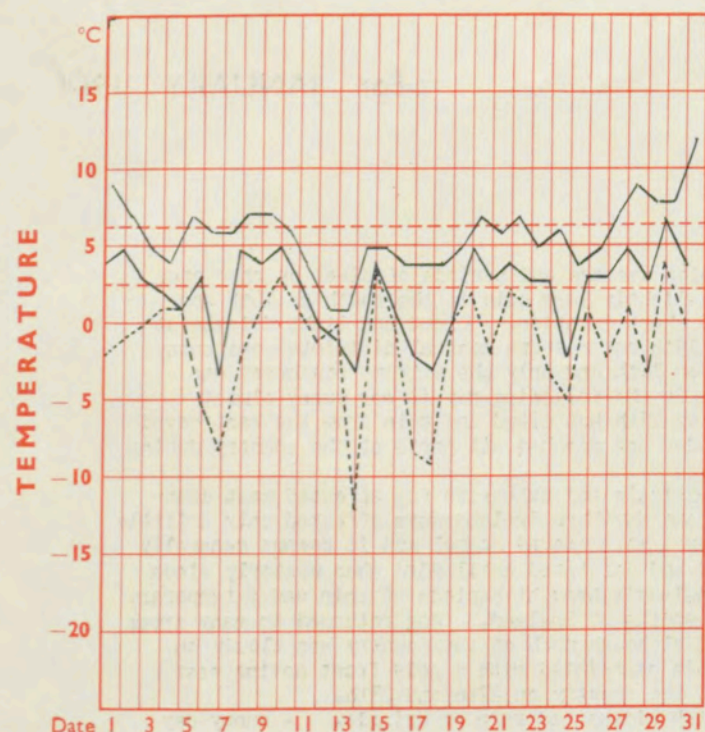
(a) 1880, 1892
(b) 11, 27

* New lowest record

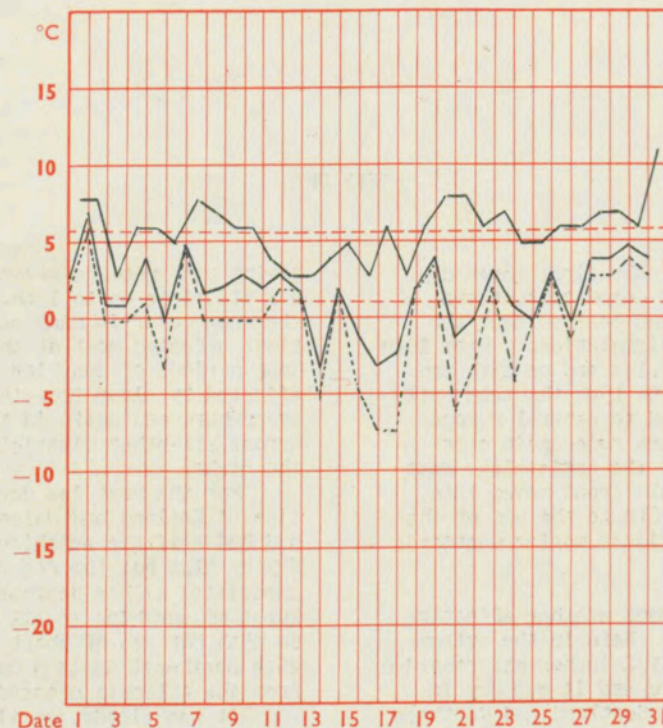
Corrections to Monthly Summary No. 96 December 1963

Gorleston:- Mean maximum 5.6 Aldergrove:- Maximum fall in 24 hr. 06 on 01. Tynemouth:- Lowest minimum -05.5 on 25. Eskdalemuir:- Max. rainfall 18 on 30.
Dyce:- Lowest minimum -08.3 on 22. Stornoway:- Highest max. 11.4. Date of lowest minimum 19,20. Watnall:- days of snow or sleet 03.

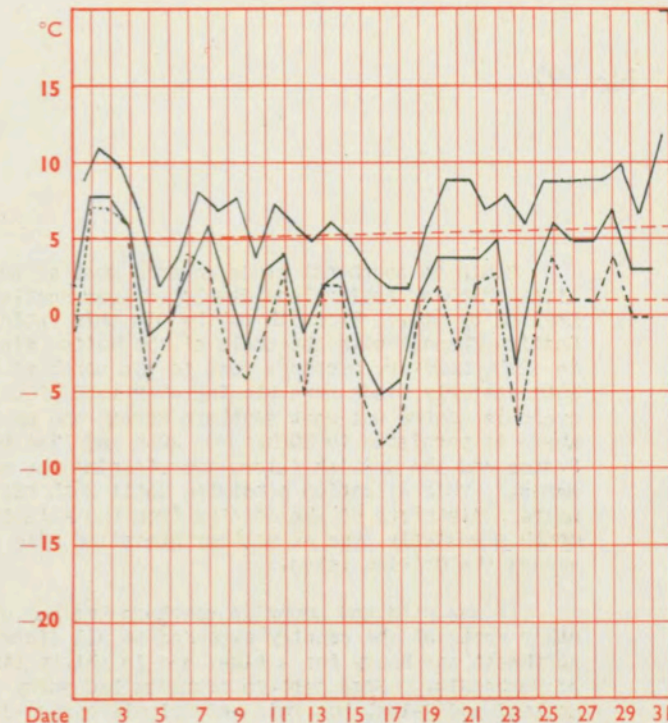
LONDON (Kew)



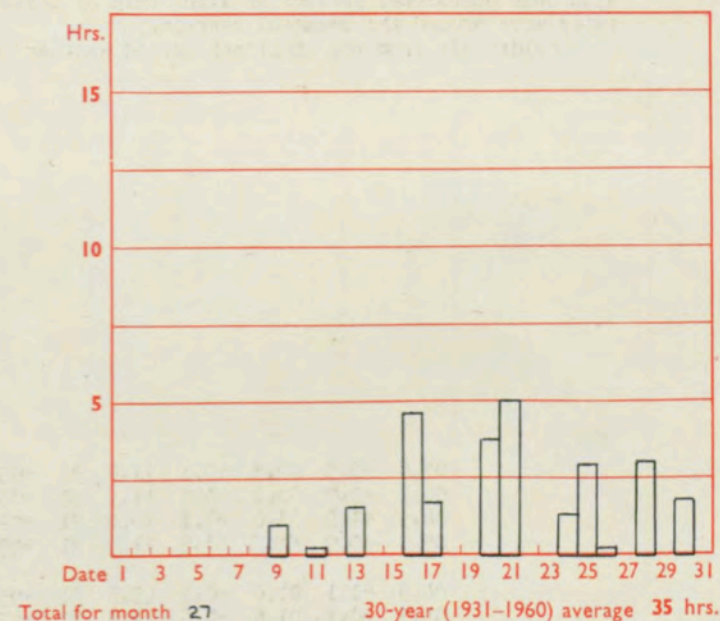
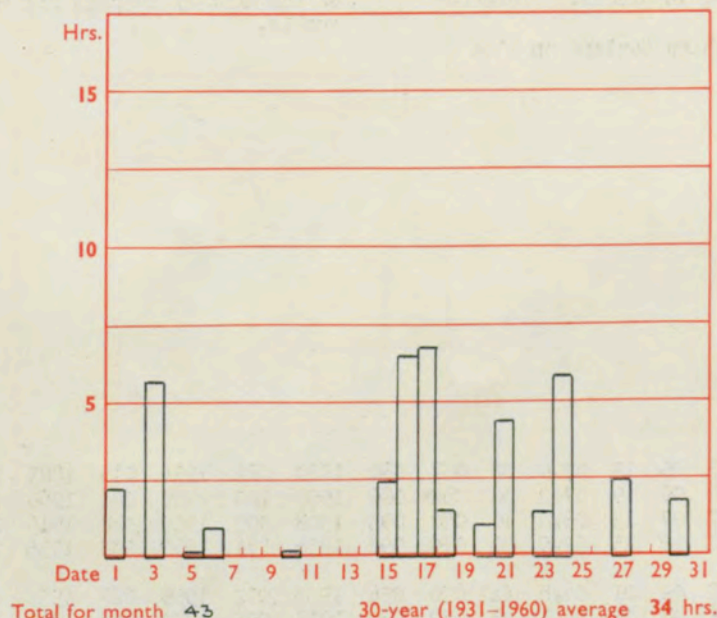
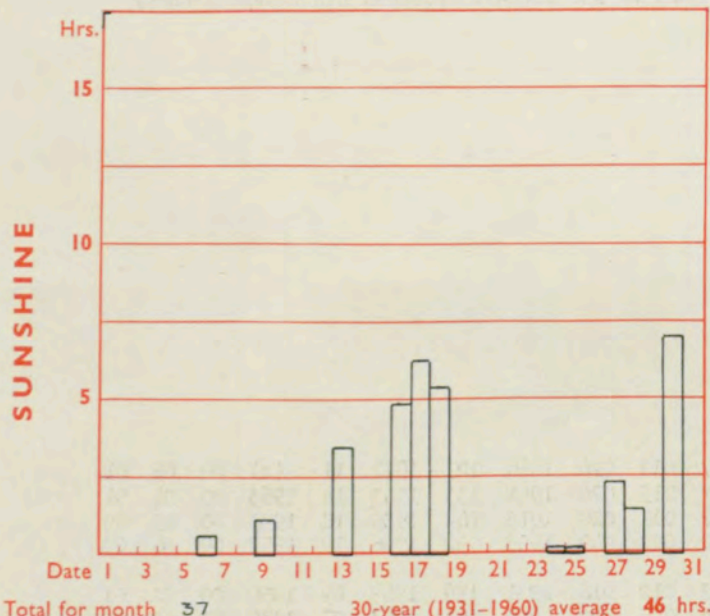
MANCHESTER (Airport)



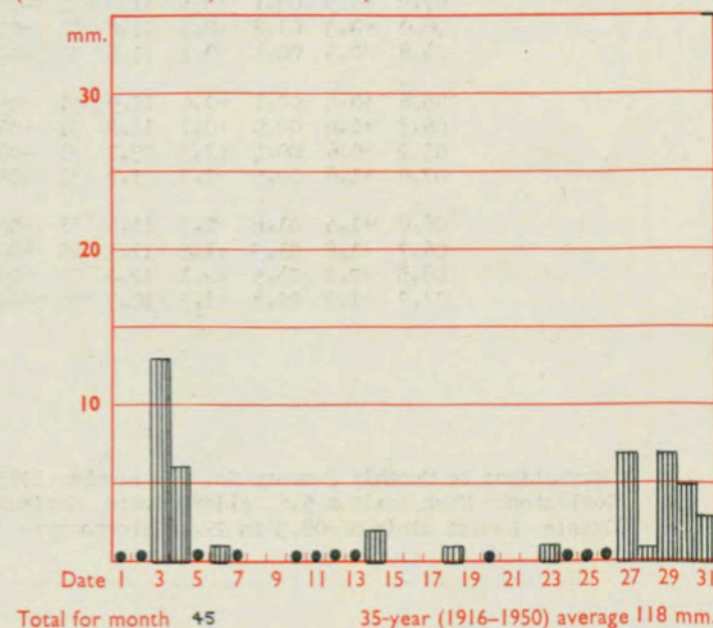
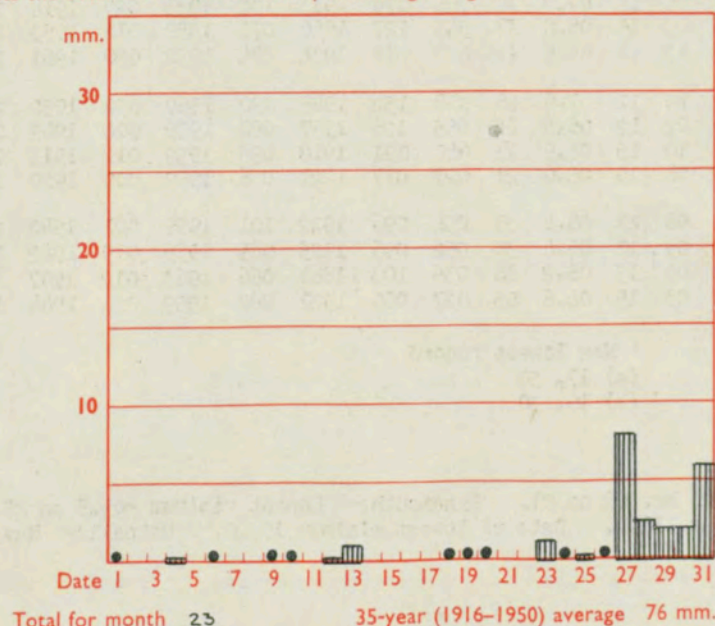
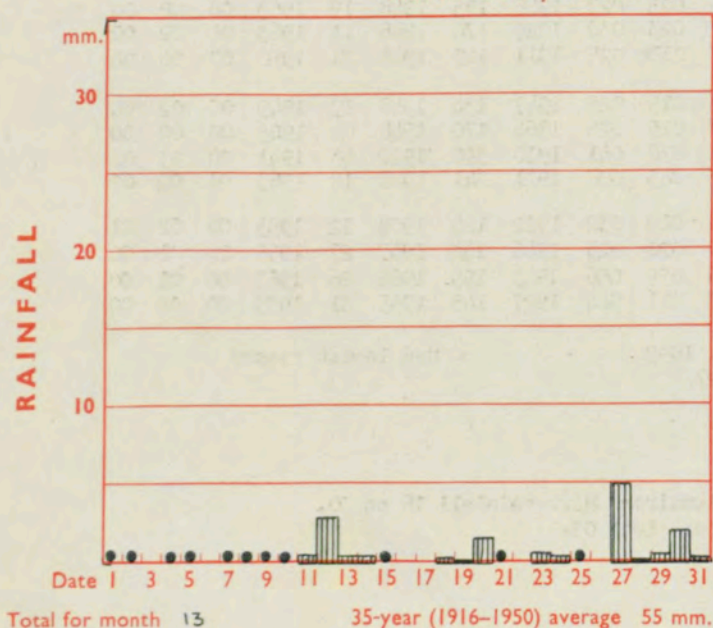
GLASGOW (Renfrew)



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



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 "●"



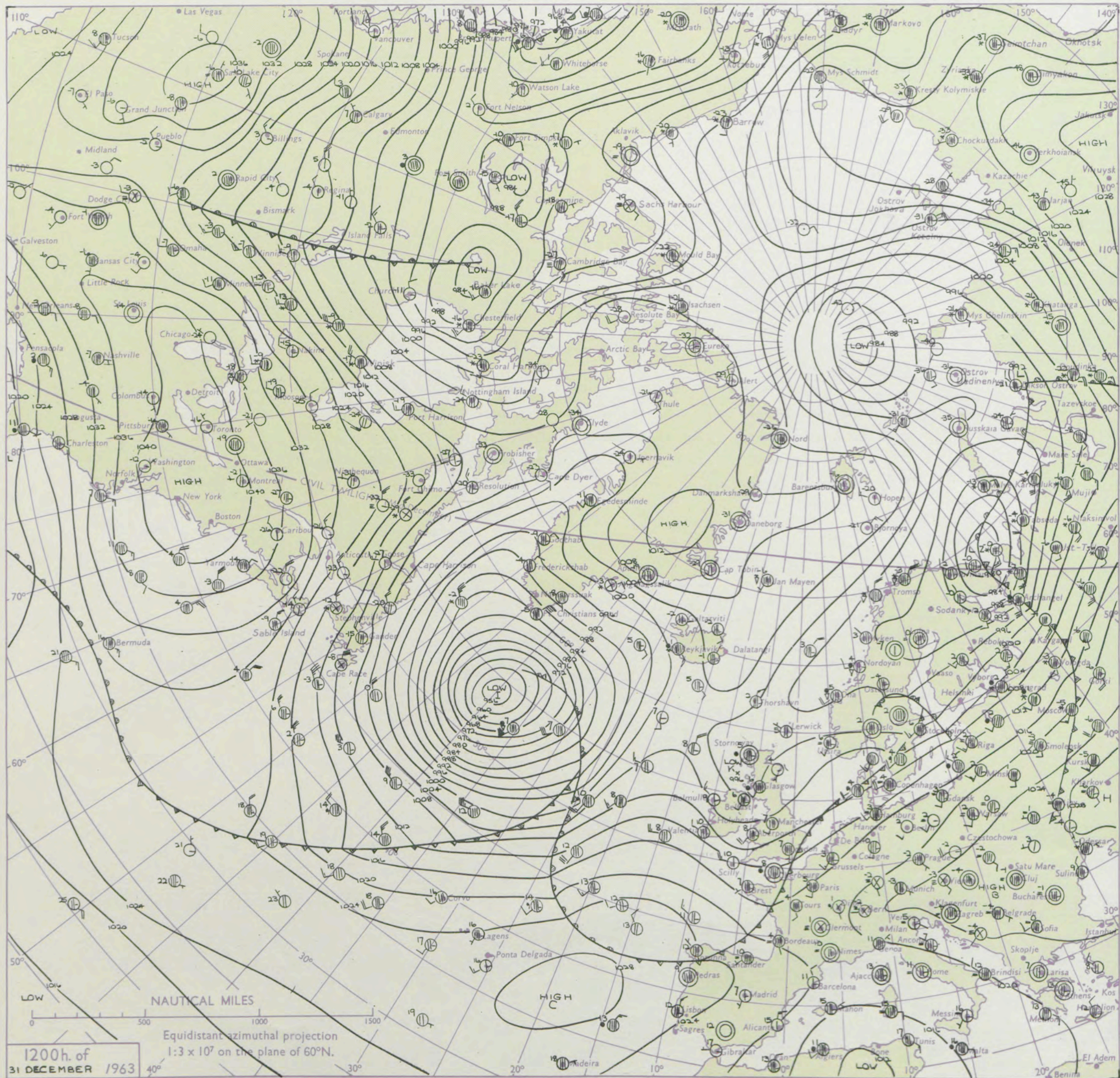
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37295

Date of Issue Wednesday 1 January 1964

Code FM 11.A		OBSERVATIONS at 12h. 31 December 1963										OBSERVATIONS at 18h. 31 December 1963										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _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 Ch _h C _h	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	82008	57026	10507	5552/	06807	82715	85625	88458	775	61912	63035	10707	4555/	05302	84628	83362		775	95091	000			d _o d _o id _o	+	
London Airport	772	81807	56016	10807	6562/	06809	82715	86640	88462	772	61910	59022	10807	6561/	05204	86645			772	91081	002			drid _o	+	
Gatwick	776	82412	33516	11508	8721/	07808	88704			776	32106	56105	11904	35400	04306	81615	83632		776	01081	001			d _o d _o d _o r _o	+	
Thorney Island	871	82504	60025	12207	4553/	07704	82620	83635	88360	871	62306	62036	12506	6561/	05208	86632			871	97081	003			idir _o	+	
Hurn	862	82309	48506	12407	7552/	06002	82709	87625	88459	862	72211	59035	12208	7561/	05304	87630			862	91091	///			ir _o id _o	+	
Guernsey	894	82508	80216	13808	4567/	06702	81710	84635	87360	894	62610	81028	15508	55632	06214	85630			894	93091	011			ir _o pr _o	pr _o	
Wattisham	590	82114	17535	10407	8721/	07811	88703			590	62111	37016	10205	00908	04206	86275			590	94071	///			ddifidir _o	+	
Gorleston	497	82018	24206	10706	8611/	06707	88702			497	42310	48015	09806	40970	05601	84360			497	92072	000			d _o d _o id _o	id _o	
Mildenhall	578	82007	58026	09907	8561/	07809	84710	88635		578	11911	58016	09206	00902	04400	81075			578	01081	000			r _o r _o d _o d _o	+	
Cardington	559	82009	62216	10107	5562/	06806	81712	85630	88458	559	12114	62011	09407	15600	04303	81630			559	94091	005			r _o r _o ir _o	+	
West Raynham	485	82114	56606	09407	3722/	06806	83705	88530		485	22113	48016	08605	15602	04501	81640			485	01071	000			d _o d _o r _o r _o	+	
Wittering	462	81914	74216	09207	5557/	06806	81707	85625	88458	462	32114	62031	08805	15601	04304	81635	83075		462	01071	001			r _o r _o rr	+	
Boscombe Down	746	82407	62026	12207	5562/	06602	83705	85640	88460	746	82211	61606	12106	8551/	05307	88628			746	93081	011			r _o r _o	ir _o	
Ross-on-Wye	627	32110	66255	08807	12502	06808	81825			627	42307	70021	09907	45600	05321	82630			627	97091	010			pr _o	+	
Bristol	628	72112	58026	10508	28532	06004	81825	87075		628	72416	59038	10808	75500	06214	87625			628	91091	015			+	pr _o	
Aberporth	502	72220	66256	07208	7841/	05709	84818	85635		502	42718	66011	10108	48400	06229	81818	84630		502	91101	015			pr _o	+	
Rhose (Cardiff)	715	52411	80016	10107	38402	06802	83818	84075		715	72716	61801	11408	7851/	07322	84820	85630		715	97091	011			+	pr _o	
Plymouth	827	22611	63016	12409	15502	06002	81620			827	22810	56258	14009	28400	07318	81818			827	92091	023			pr _o	pr _o	
Chivenor	707	52415	74016	11009	28431	05000	81816	83360		707	42814	59018	12609	48400	07223	83815	83635		707	92101	026			pr _o	pr _o	
St. Mawgan	817	12517	74018	11909	11430	05001	81818			817	42920	62258	13909	48400	07224	82712	83818		817	94101	021			pr _o	pr _o	
Culdrose	809	33015	69051	12409	31601	04205	83825			809	63113	66028	12409	6241/	07303	86816			809	01090	020			+	pr _o	
Scilly	804	22725	66018	12310	28400	04002	81818			804	42924	61018	14809	48400	08217	83812			804	97101	040			pr _o	+	
Elmdon	534	72112	48016	08607	36352	05802	83708	83364	87072	534	72211	48258	08106	7541/	04212	84615	87625		534	97081	014			pr _o	pr _o	
Shawbury	414	32018	74012	06608	12432	04711	81818			414	22414	74028	07407	21500	05319	82820			414	97081	029			pr _o	pr _o	
Manchester	334	61912	64016	06307	38572	05603	81825	83640	86459	334	82311	61218	05807	8541/	04316	83618	88640		334	03081	012			ir _o pr _o	ir _o r _o pr _o	
Squires Gate	318	71813	58041	04608	6853/	05809	82820	86635		318	82615	56608	04607	8551/	06323	83621	88630		318	03081	016			pr _o	pr _o ir _o	
Valley	302	72232	66258	02909	7851/	06716	85820	87640		302	62721	74038	07309	6841/	06240	83818	84640		302	91091	003			pr _o	pr _o	
Ronaldsway	204	62226	64028	00708	6841/	05717	82818	85822		204	42825	80258	04308	48400	04240	82818	84640		204	01091	013			pr _o	pr _o	
Carlisle	222	61810	66031	03408	5853/	01812	81715	85638		222	82103	48608	02106	8551/	05308	84713	86622	88625	222	93081	023			pr _o	pr _o	
Watnall	354	72112	28045	07807	7561/	05805	83708	87640		354	72412	40258	06706	7841/	04305	83814	86640		354	97071	001			+	pr _o	
Spurn Head	396	82110	58608	07607	5741/	06201	85710	84620		396	52314	59016	05706	35601	04603	83630	84075		396	97080	000			ir _o	+	
Finningley	360	62012	40042	07008	30971	05805	81359	83364	86075	360	52015	56041	05407	55500	04302	83623	84628		360	97091	021			+	id _o	
Dishforth	261	71707	40052	05007	15632	04810	81645	84362	87070	261	81913	37616	03406	8551/	05001	82715	88626		261	01081	012			+	ir _o RRr _o r _o	
Tynemouth	262	52012	32052	03307	50971	03711	85360			262	62011	32052	02606	6561/	03400	86635			262	00071	014			+	+	
Eskdalemuir	162	72013	70808	01505	7851/	04715	84708	86820		162	52501	62808	02704	5841/	03317	84818	83635		162	01051	004			pr _o	pr _o pr _o pr _o	
Mull of Galloway	131	72330	78032	00307	7561/	04400	87630			131	72718	81028	03707	7561/	05237	87630			131	91071	///			/	/	
Prestwick	135	71909	70218	99706	7551/	04707	81714	83622	86635	135	724															

CHART OF WEATHER IN PART OF NORTHERN HEMISPHER



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

y obscured

ATHER
Weather

izzle

h and
rizzle

h and snow

w

h shower

h and snow
shower

w shower

shower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

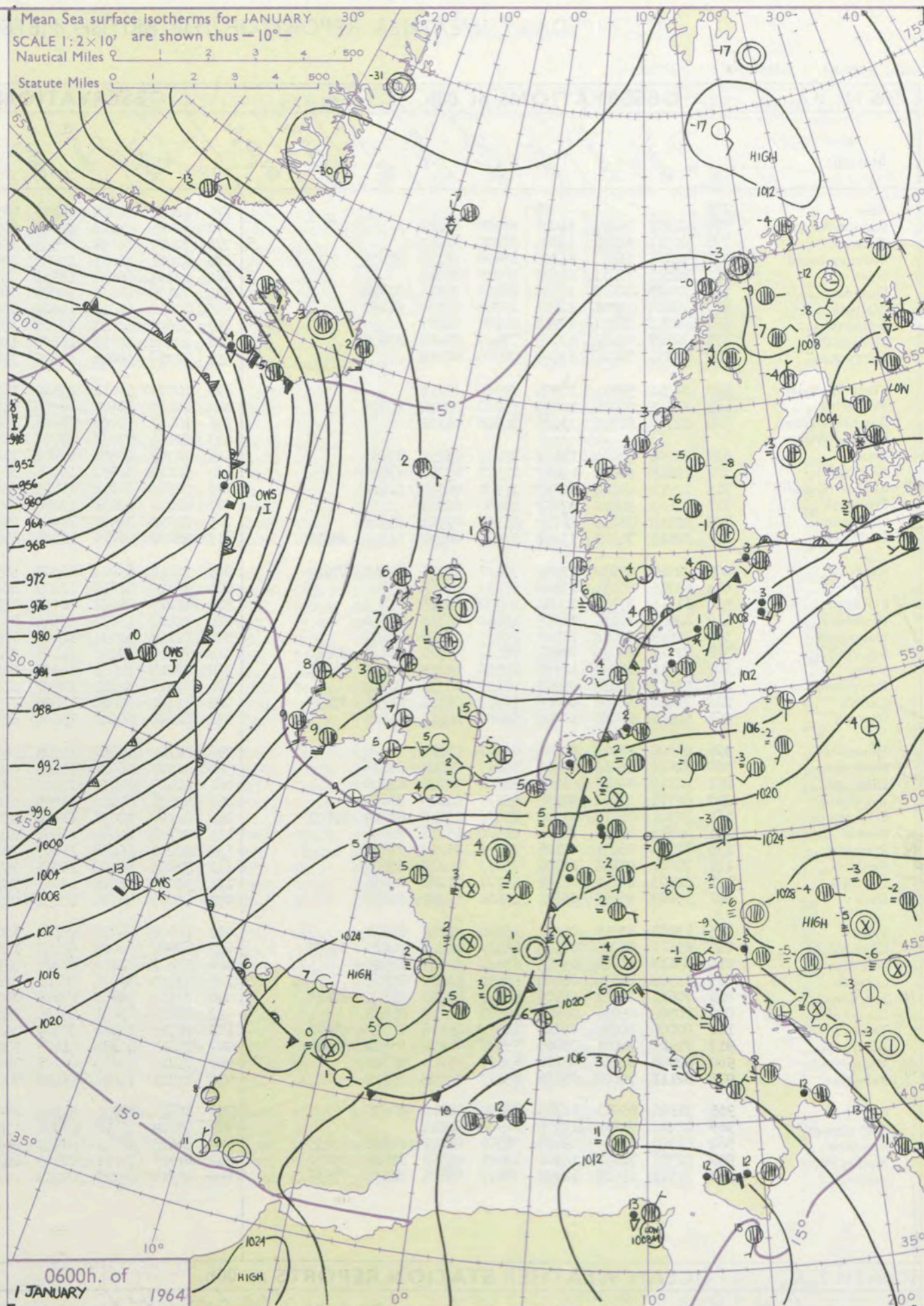
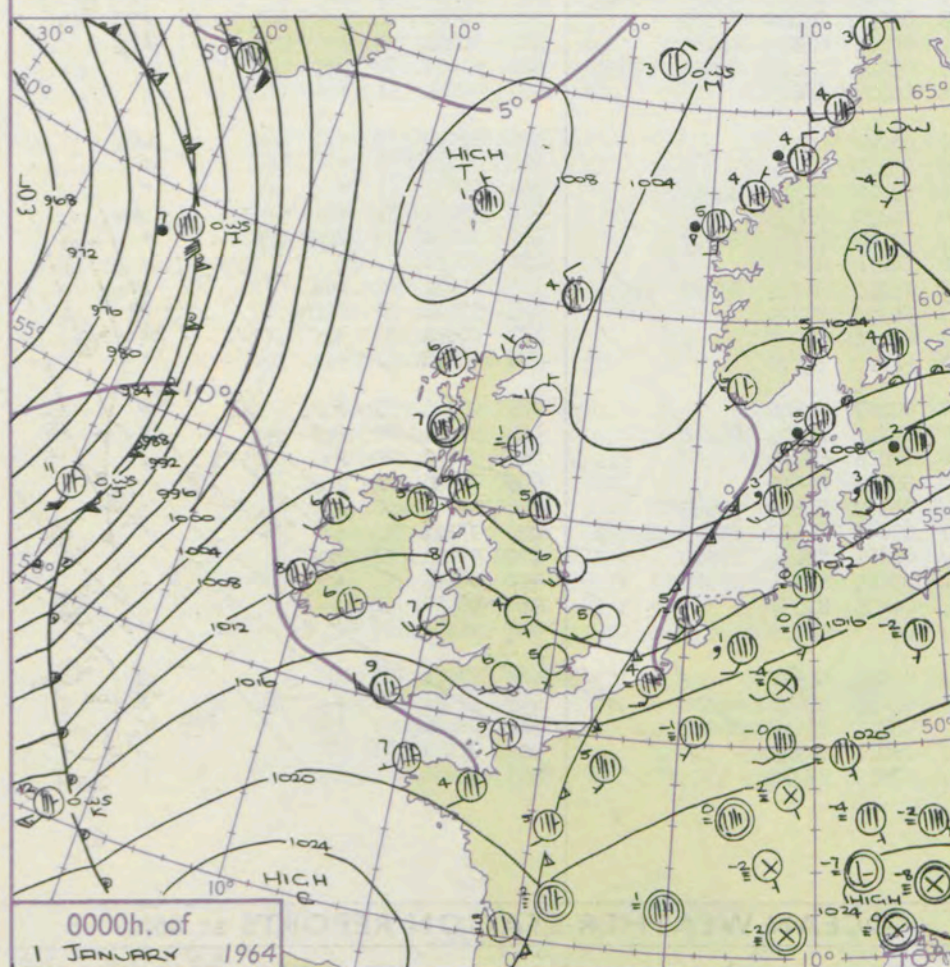
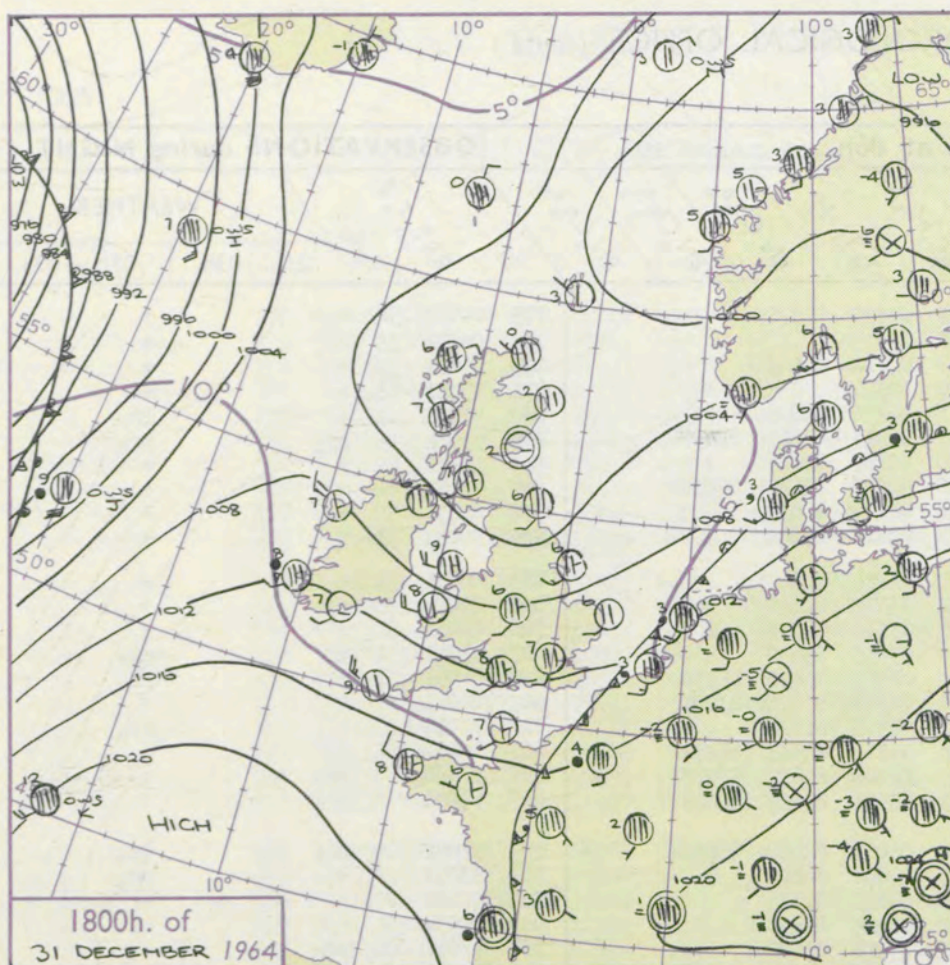
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 1 January 1964

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

A ridge of high pressure is growing as it moves east across England. A large and very deep depression about 500 miles southwest of Iceland is moving slowly northeast. The associated occluding frontal system is expected to slow down as it crosses Ireland during the evening and reach western districts of England and Scotland tomorrow morning.

Much of England, Scotland and Wales will remain dry throughout the day with sunny periods in eastern districts of England. Rain and strong winds will reach northwest Ireland and the west of Scotland during the afternoon, and extend slowly eastwards across the remainder of Scotland, Wales and western districts of England by midnight to reach East Anglia and southeast England during the morning. Temperatures above normal.

OUTLOOK for 24 hours from noon tomorrow.

Mild southwest winds, strong in places with occasional rain or showers in all districts but some sunny intervals also.

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

Code FM II.A OBSERVATIONS at 00h. 1 January 1964										OBSERVATIONS at 06h. 1 January 1964										OBSERVATIONS during NIGHT					CONVECTION TABLE °C
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 _n T _n E	T _g T _g	WEATHER			
																						21h.—03h.	03h.—09h.		
Kew	775			05						775	12109	74020	18105	00901	03325	81078				775	00041	52	+	+	40
London Airport	772	01907	59021	14005	00900	04211				772	02205	48110	17902	00900	02315					772	00011	55	+	+	39
Gatwick	776	02310	62021	14704	00900	04212				776	02407	66030	18503	03500	02314	83647				776	07011	53	+	+	38
Thorney Island	871	12705	66011	15806	15600	05117	81635			871	02601	56021	19602	00900	02314					871	07011	53	+	+	37
Hurn	862	02505	62011	15506	00900	05214				862	12405	66030	18904	15600	04216	81635				862	07031	01	+	ir ₀	36
Guernsey	894	12808	80028	18508	18500	06216	81820			894	72105	80258	20808	78511	06211	83825	87635			894	93061	03	pr ₀	pr ₀	35
Wattisham	590	12210	37101	12804	15700	03112	81650			590	12610	56011	16602	15600	02117	81645				590	00012	52	+	+	34
Gorleston	497	02512	58051	10905	00900	04207				497	52607	60011	15705	35630	04222	83630	85358			497	00031	00	+	+	33
Mildenhall	578	72109	62031	12205	75611	03210	87640			578	12208	66011	16403	15600	02215	81635				578	00031	50	+	+	32
Cardington	559	02314	56020	12405	00900	04215				559	72210	48031	17005	75611	04218	87644				559	00021	51	+	+	31
West Raynham	485	02311	56011	10904	00900	03214				485	12608	40011	15302	15600	02214	81640				485	00011	51	+	+	30
Wittering	462	12513	61031	12005	15600	03216	81635			462	12410	66020	16004	15600	03319	81640				462	00021	52	+	+	29
Boscombe Down	746	02707	61026	15605	00900	04218				746	22407	58020	18804	15602	03216	81630				746	00031	51	+	+	28
Ross-on-Wye										627	52404	77031	17205	55600	03315	85630				627	97041	51	+	pr ₀	27
Bristol	628	72509	58031	14407	75611	05218	87630			628	72308	48808	17906	78400	06313	86818	85630			628	94051	51	+	pr ₀	26
Aberporth	502	12618	66031	14007	11500	05218	81820			502	52110	66031	16405	32501	04308	83820	83070			502	00041	01	+	+	25
Rhoose (Cardiff)	715	12711	69018	14807	15501	06315	81625			715	12508	80018	17805	18401	04309	81818				715	91051	02	+	pr ₀	24
Plymouth	827	02805	59010	17007	00900	06012				827	62409	62031	19008	40938	05305	84365	86270			827	00031	51	+	+	23
Chivenor	707	22715	78011	15708	25500	07111	82625			707	72008	80028	18006	28432	04206	82815	87075			707	97051	50	pr ₀	+	22
St. Mawgan	817	62611	74021	17208	62400	06211	81713	86816		817	42007	66018	18305	15501	03301	81625	84075			817	91051	03	pr ₀	+	21
Culdrose	809	72912	69032	17508	78411	06214	82818	87620		809	52412	69018	18308	58500	05801	82820	85630			809	97061	05	pr ₀	pr ₀	20
Scilly	804	62716	66031	17509	68411	05209	85812			804	32316	81018	17409	38400	05802	82815				804	97081	11	+	pr ₀	19
Elmdon	534	11606	37018	12004	10930	03218	81360			534	12212	74011	16005	15600	04219	81635				534	00041	00	+	+	18
Shawbury	414	42511	74031	11805	45600	03316	81640			414	22407	47011	15504	25700	02215	82650				414	00031	51	+	+	17
Manchester	334	72609	66018	10307	75611	04220	87640			334	72108	62031	14605	75611	03219	87645				334	97031	02	pr ₀	+	16
Squires Gate	318	72715	64028	09607	78511	05223	81828	87640		318	72510	69031	14106	78411	05220	84713	83818	87640		318	92041	01	pr ₀	+	15
Valley	302	42516	74031	11708	28530	06216	81820	84360		302	52215	74031	14607	28530	06213	81820	85362			302	00071	04	+	+	14
Ronaldsway	204	22517	80018	09907	22400	05321	81712			204	72611	82021	12907	62412	06117	82712	85815			204	00061	04	+	+	13
Carlisle	222	72408	61028	08006	78511	05122	81823	87637		222	72307	59028	12606	75511	05218	82625	84630	87637		222	93051	02	pr ₀	+	12
Watnall	354	52512	60038	10805	55500	04218	85625			354	62608	60022	15604	65500	03218	86625				354	00041	51	+	+	11
Spurn Head	396	02320	57011	08506	00900	03221				396	02711	57018	13505	00900	03222					396	97030	11	+	pr ₀	10
Finningley	360	72612	56045	09706	75611	03222	87633			360	02507	58021	14405	00900	03220					360	00031	53	+	+	9
Dishforth	261	22712	80016	08206	25600	04222	82640			261	42407	82031	13506	48500	03221	81820	84640			261	00041	01	+	+	8
Tynemouth	262	62711	32022	07205	65611	04225	86635			262	52505	61022													

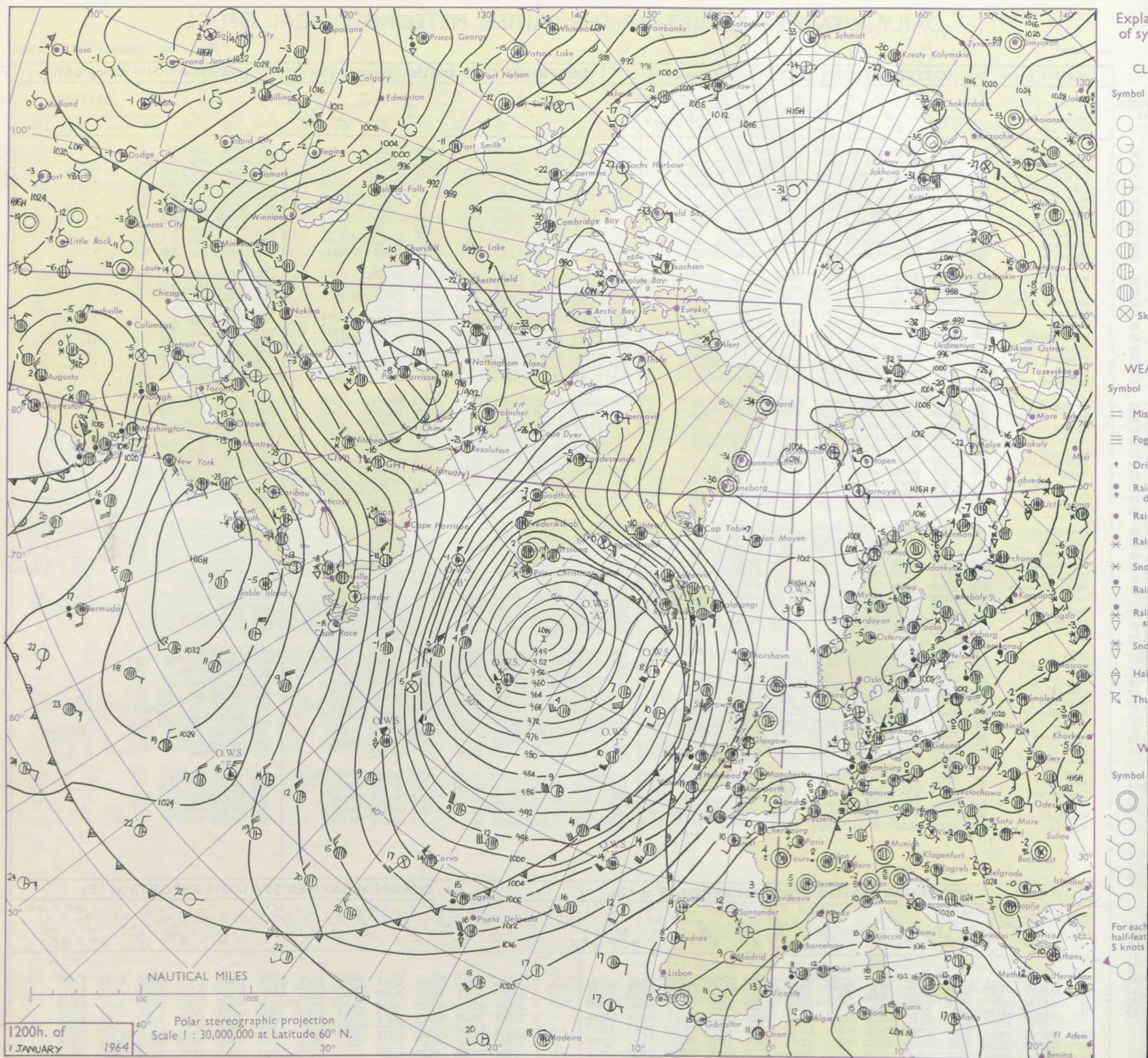
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37296

Date of Issue Thursday 2 January 1964

Code FM 11.A		OBSERVATIONS at 12h. 1 January 1964										OBSERVATIONS at 18h. 1 January 1964										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 x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Kew	775	42608	56051	21707	25641	05110	82635			775	72006	58051	24807	75611	06219	87634			775	97091	040	+		+		
London Airport	772	12105	40011	22107	15601	05116	81645			772	71806	28041	24707	75711	06119	87650			772	00091	044	+		+		
Gatwick	776	72206	58211	22307	75631	06011	82630	86645		776	62006	62201	25907	65600	06114	86633			776	91101	036	ir _o		id _o		
Thorney Island	871	42404	58108	22608	15632	06009	81630	84075		871	12308	61018	25506	15600	05122	81645			871	92091	026	pr _o		+		
Hurn	862	72006	61036	21809	75611	06010	87640			862	41807	56031	23907	20932	06217	82360	83070		862	00101	111	+		+		
Guernsey	894	32013	80038	23409	15632	06111	81640	83075		894	61715	74021	25009	45532	06313	84625	86075		894	00101	051	+		+		
Wattisham	590	72309	48031	21606	75611	05119	87635			590	41807	23041	24604	35705	04117	83656	83275		590	00071	111	+		+		
Gorleston	497	22409	58050	21006	10941	04222	81360			497	02109	48050	23805	00900	04216				497	00091	057	+		+		
Mildenhall	578	62208	58031	21007	65611	06219	86640			578	71705	40051	23906	75611	04117	87640			578	00091	048	+		+		
Cardington	559	72209	58016	20809	15602	05113	81640	87070		559	71709	58032	23607	75511	05212	82625	87644		559	97091	043	ir _o		+		
West Raynham	485	52413	58011	20306	15602	04216	81645	85072		485	42011	40021	23604	00901	03215	84072			485	00071	054	+		+		
Wittering	462	72007	58021	20306	65602	05114	86635	86075		462	81809	59022	22907	85611	05209	88637			462	00081	045	+		+		
Boscombe Down	746	62006	61021	22307	16432	06214	81710	85073		746	71805	58021	24205	35606	04216	83645	87075		746	00091	041	+		+		
Ross-on-Wye	627	71805	63028	20008	75611	04113	87630			627	81909	70022	21208	86511	05106	88720			627	00091	011	+		+		
Bristol	628	71908	59028	20708	75611	04111	87645			628	71810	32052	22209	75611	06112	87632			628	00091	011	+		+		
Aberporth	502	81714	74032	17208	85411	05801	81715	88625		502	51725	66015	17208	35470	05504	81715	83635		502	97081	000	id _o		id _o		
Rhose (Cardiff)	715	72010	74022	20607	78411	03214	81818	87640		715	81807	66035	21807	85511	05209	83622	88641		715	97091	000	id _o		id _o		
Plymouth	827	72117	62218	21009	75411	07005	81710	87640		827	81914	66602	22110	85411	07311	84711	88625		827	97111	003	pr _o ir _o		ir _o		
Chivenor	707	71710	82028	20109	78511	06104	81825	87635		707	71611	80022	23109	78511	05210	84821	87633		707	97111	006	pr _o		+		
St. Mawgan	817	71814	74031	19909	68471	05008	82818	86630		817	81816	69022	20109	85411	06206	83616	88630		817	00101	003	+		+		
Culdrose	809	72419	78032	19609	68511	05111	83820	85630		809	82220	69515	19910	85611	11707	88640			809	97101	006	id _o		d _o d _o		
Scilly	804	82322	74028	18210	55421	05004	85615	88458		804	82026	64022	17710	85511	06304	88620			804	97111	000	pr _o		+		
Elmdon	534	62012	48041	19907	15601	05217	81640	85075		534	71709	44042	21607	75611	05107	87634			534	00081	003	+		+		
Shawbury	414	61810	69021	18607	38401	04106	81818	83640	85075	414	71505	61012	20207	75511	05106	81625	87640		414	00081	025	+		+		
Manchester	334	52011	59022	18207	30941	04112	83360	84072		334	81911	58022	19507	85511	04206	82625	88645		334	00081	023	+		+		
Squires Gate	318	71710	30042	16707	75711	05210	87656			318	81718	30042	17907	85611	05205	88643			318	00091	009	+		+		
Valley	302	71724	74026	15508	78511	07101	81820	87640		302	71631	66026	15909	75611	07005	87635			392	97091	000	ir _o		+		
Ronaldsway	204	72123	78021	14909	28438	07308	81816	83362	87275	204	81930	66026	14909	85411	07005	81713	83618	88637	204	97091	007	ir _o		+		
Carlisle	222	71805	59032	15608	28572	04109	81820	83628	86362	222	71607	61022	16708	65471	04310	81715	83625	86638	222	00091	008	+		+		
Watnall	354	72309	23031	19207	00902	04215	87075			354	82212	40022	21507	85611	04008	88631			354	00081	019	+		+		
Spurn Head	396	52410	20031	18306	10941	04219	81365	85075		396	62310	32031	21505	65600	04210	86630			396	00070	035	+		+		
Finningley	360	51909	57041	18607	25631	04110	82645	84075		360	71511	26041	21006	75611	04207	87641			360	00081	036	+		+		
Dishforth	261	71909	40048	17608	48542	05215	82825	83640	85075	261	81811	40042	19607	85611	04211	88638			261	97081	015	pr _o		+		
Tynemouth	262	72009	24058	16206	70971	03215	87358			262	61812	32052	18207	65611	04109	86630			262	00071	005	+		+		
Eskdalemuir	162	82009	66038	15305	88211	05112	87704			162	82012	58602	16206	85311	04213	84709	85715	88626								

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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Amount
(oktas)

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6
7 or more
8

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ATHER
Weather

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h and snow

w

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h and snow
shower

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shower

nderstorm

IND

Wind
speed
(knots)

Calm

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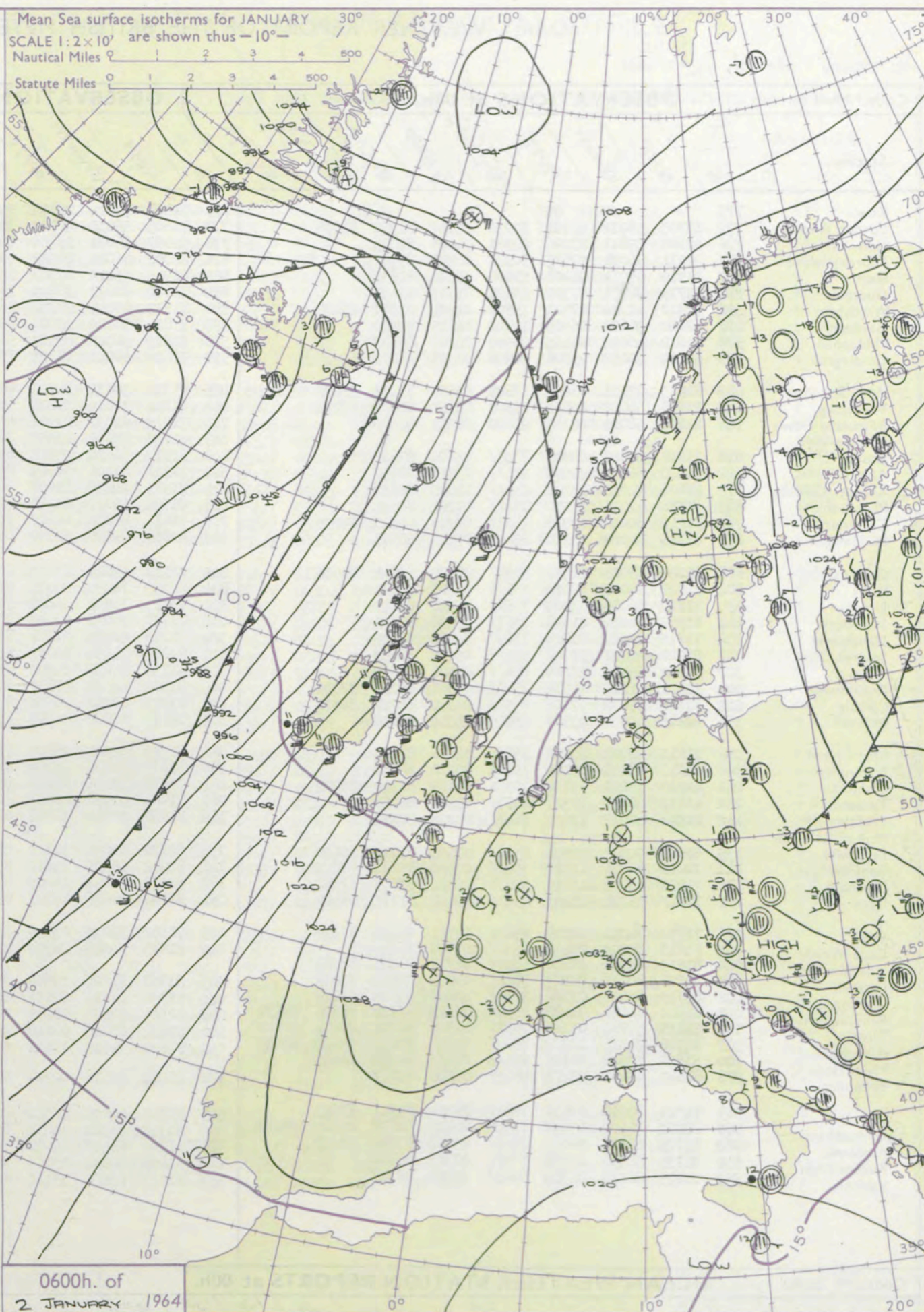
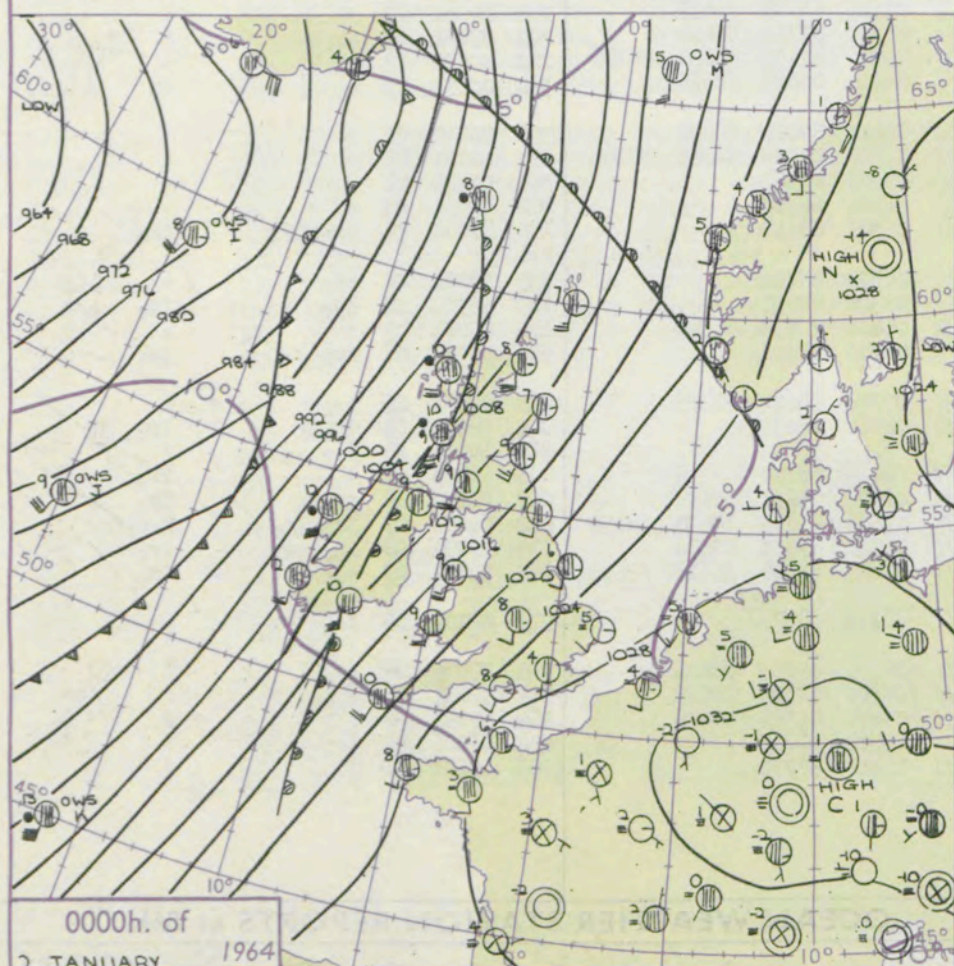
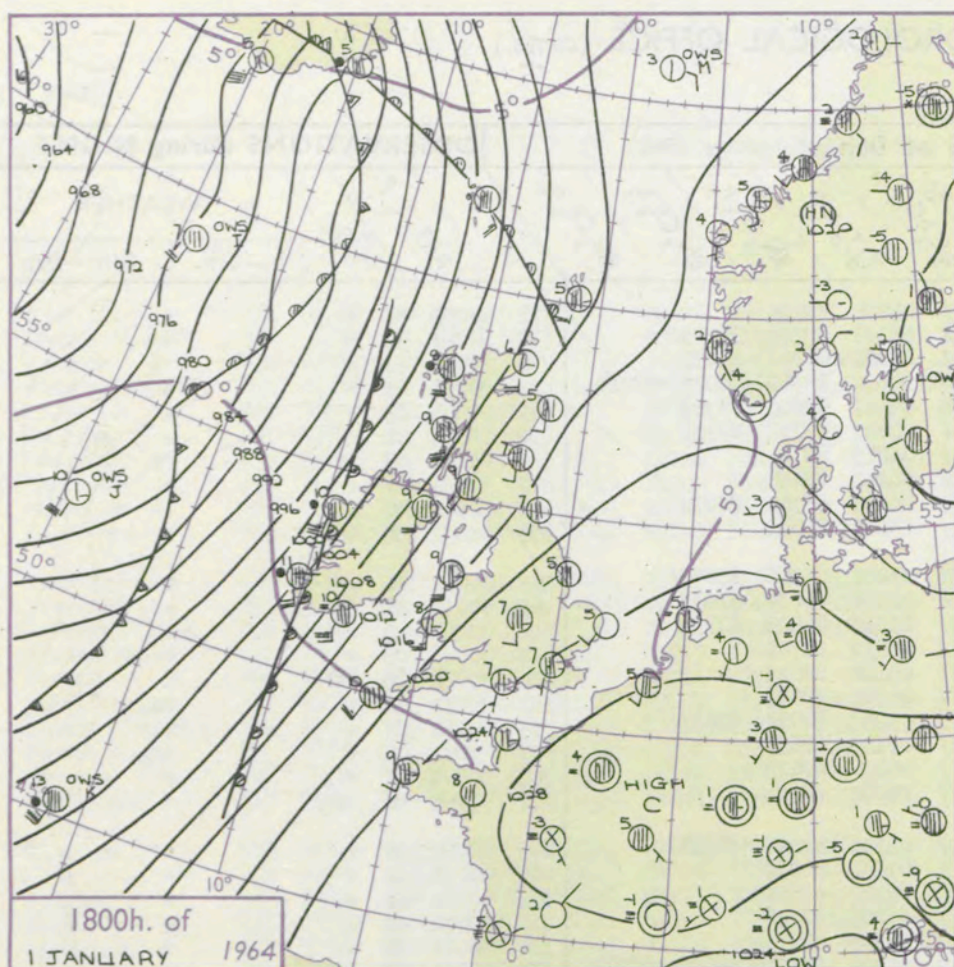
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 2 January

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The deep depression north of O.W.S. 'C' yesterday has moved a little to the northeast and will fill as it transfers to the Iceland area. The associated cold front to west of Ireland will move only slowly east and southerly winds will persist over the British Isles. The Continental anticyclone is intensifying and is likely to remain centred over Germany with strong ridging to Scandinavia.

Mainly cloudy with a little rain, chiefly in the north and west where the mild spell will continue. Becoming a little colder in the southeast half of Britain with mainly dull skies and some mist, particularly in hilly districts.

OUTLOOK for following 24 hours
Rather cold in the south and southeast. Mild elsewhere with slight rain in places.

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

Code FM II.A OBSERVATIONS at 00h. 2 January 1964										OBSERVATIONS at 06h. 2 January 1964										OBSERVATIONS during NIGHT										CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _s C _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 Ch _s C _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			05						775	71809	70022	28506	75611	04206	87635				775	97051	51	+		+		40			
London Airport	772	41703	58011	26704	10931	03307	81362	84075		772	71605	58032	28704	30931	03107	83362	87075		772	97021	52	+		+			39			
Gatwick	776	22108	59011	27206	00901	04105	82075			776	62007	66031	29305	10931	04207	81360	86070		776	97031	59	+		+			38			
Thorney Island	871	32111	66031	27607	30931	06212	83360			871	82006	66021	29205	20937	04004	82365	84072	88278	871	00051	01	+		+			37			
Hurn	862	11912	69011	26408	15600	06314	81635			862	61913	66012	27707	25535	05107	82620	85362		862	00061	05	+		+			36			
Guernsey	894	11719	76021	27107	15602	05313	81635			894	71620	61021	28505	76111	04007	83702	87704		894	00051	04	+		+			35			
Wattisham	590	51910	11284	27304	15508	04210	81630	85275		590	81912	03444	29704	86011	04215	88701			590	00031	03	ff		ff			34			
Gorleston	497	12010	56101	26905	10940	04215	81360			497	71811	58102	30004	00908	04212	87275			497	97032	50	+		+			33			
Mildenhall	578	61812	40052	26405	00906	04207	86270			578	81813	56022	28505	50937	04110	85360	88270		578	00041	01	+		+			32			
Cardington	559	61814	40052	25906	00908	04307	86270			559	71610	58032	28305	75611	03214	87640			559	00031	00	+		+			31			
West Raynham	485	61913	23101	26004	15601	03207	81635	86072		485	71714	30031	28203	50931	03207	85360	85075		485	00031	01	+		+			30			
Wittering	462	71708	56022	25505	25608	04310	82634	87272		462	71811	30012	27204	35608	04208	83630	87275		462	00031	51	+		+			29			
Boscombe Down	746	21810	58011	26107	25600	06211	82630			746	71812	61031	27906	65531	05210	86625	87359		746	00051	04	+		+			28			
Ross-on-Wye										627	81808	70022	25009	86511	05212	88720			627	00081	06	+		+			27			
Bristol	628	71910	56022	23909	75511	05104	87625			628	81913	56022	25908	85511	05208	88625			628	00071	05	+		+			26			
Aberporth	502	81820	66032	19909	85611	05311	88631			502	81728	66202	20609	85611	06302	88635			502	97071	06	+		id ₀			25			
Rhoose (Cardiff)	715	81606	74032	23708	85611	05010	88632			715	71913	74032	25208	78411	05203	82818	87635		715	00071	07	+		+			24			
Plymouth	827	71718	62016	24010	75611	07211	87635			827	81721	62022	25410	85611	07102	88630			827	97091	08	+		ir ₀			23			
Chivenor	707	71212	80022	22710	75511	07210	84621	87635		707	71411	80022	24209	75511	06206	87629			707	00091	07	+		+			22			
St. Mawgan	817	81714	74022	21910	85411	07210	88618			817	81816	74026	22910	85511	05002	88624			817	97091	08	ir ₀		+			21			
Culdrose	809	62220	69015	21410	68511	06209	82820	86630		809	82120	69022	23010	45571	05104	84628	88458		809	00090	08	+		+			20			
Scilly	804	81925	74022	19310	85611	07207	88632			804	82223	74032	20011	85611	07802	88630			804	00091	11	+		+			19			
Elmdon	534	71812	66012	23308	75511	05210	87629			534	71813	74032	25507	75600	05210	87631			534	00061	04	+		+			18			
Shawbury	414	81909	66032	21808	75671	05108	87631			414	71717	66022	23308	75611	05006	87638			414	00071	03	+		+			17			
Manchester	334	71715	62022	21008	75611	04006	87635			334	71716	62022	21708	75611	05605	87635			334	00071	06	+		+			16			
Squires Gate	318	81721	48041	19707	85611	05110	88633			318	81818	74032	20809	65571	05204	82622	86638	88272	318	00051	03	+		+			15			
Valley	302	81832	66022	17309	85611	07204	88640			302	81732	74022	18809	85511	08204	84628	88637		302	00081	07	+		+			14			
Ronaldsway	204	72031	61216	16409	75411	08501	85714	87620		204	81934	62022	17610	85411	08305	81714	88650		204	97091	07	ir ₀ do ₀ ro		+			13			
Carlisle	222	81608	69022	17708	85511	05302	84727	88631		222	81909	69012	18808	65671	04204	82635	86650	88359	222	00071	07	+		+			12			
Watnall	354	62115	60031	23707	65500	05314	86628			354	82111	60032	25106	85511	04204	84625	88650		354	00051	03	+		+			11			
Spurn Head	396	71813	48022	23906	75611	04206	87630			396	61712	32012	26005	65500	04210	82625	86650		396	00040	11	+		+			10			
Finningley	360	61711	48041	23206	55601	05210	85633			360	81612	59032	24706	15671	05204	81630	84359	88364	360	00051	01	+		+			9			
Dishforth	261	41210	19101	21104	10931	04109	81360	84072		261	71816	37051	22406	70931	05															

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

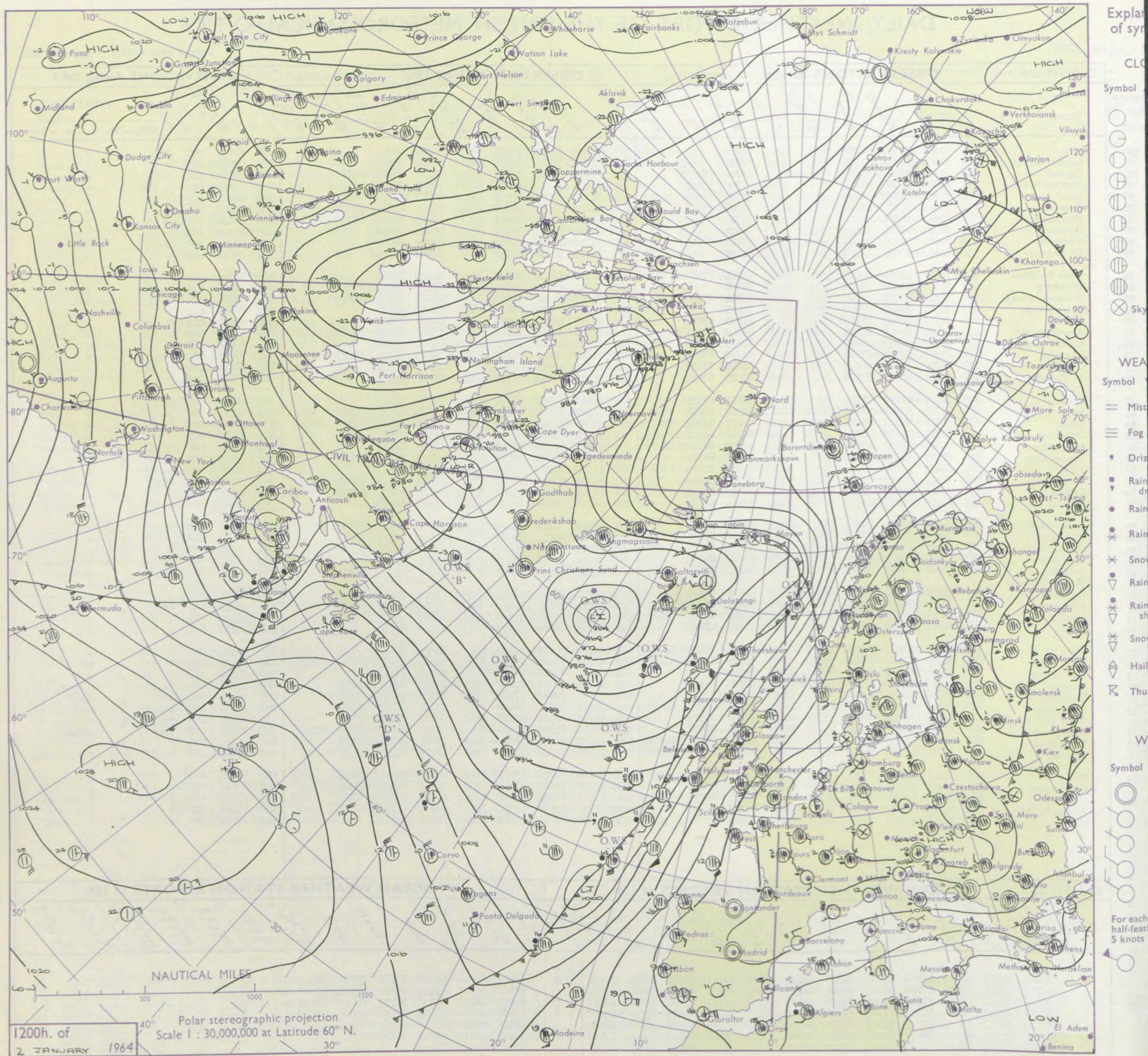
No. 37297

Date of Issue Friday 3 January 1964

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Code FM II.A		OBSERVATIONS at 12h. 2 January 1964										OBSERVATIONS at 18h. 2 January 1964										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwW	PPPTT	N _h Ch _h C _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 Ch _h C _h	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	81908	57502	31306	87311	04216	88708				775	71511	66025	32005	76411	02308	87711			775	97071	000	1d _o		+	
London Airport	772	81808	59032	31506	86311	04216	88707				772	81610	48022	32104	86411	02209	88711			772	00061	000	+		+	
Gatwick	776	81912	56021	31905	86211	04111	83704	88705			776	81506	56022	32504	86311	03213	86708	88709		776	00061	000	+		+	
Thorney Island	871	81812	59022	31805	85311	04010	87708	88620			871	61507	74012	31905	66411	04306	86711			871	00061	000	+		+	
Hurn	862	81610	62032	30405	86211	04216	83705	87706	88710		862	81510	62032	30406	85411	04007	84610	88615		862	00071	111	+		+	
Guernsey	894	71619	64012	29805	76311	04003	83708	87712			894	41419	58051	29805	15302	04002	81706	84075		894	00051	000	+		+	
Wattisham	590	81812	28104	32503	86211	03114	88703				590	81712	28104	32802	86111	02205	82702	88703		590	00041	111	1f		+	
Gorleston	497	81915	56102	32905	85511	04215	88620				497	81718	60022	33604	85511	03312	88620			497	91051	000	+		+	
Mildenhall	578	71614	59022	31206	56402	04014	85710	87072			578	81712	59032	32004	86311	02210	88709			578	00061	000	+		+	
Cardington	559	81612	58032	30307	65511	04010	86620				559	81710	56032	31604	86311	02212	88709			559	00071	000	+		+	
West Raynham	485	71819	48022	30805	76211	04012	83705	87707			485	81616	40032	31903	86211	02210	88704			485	00051	001	+		+	
Wittering	462	71612	58032	29806	76311	04113	87708				462	81715	48032	31304	85411	03312	86611	88613		462	00061	000	+		+	
Boscombe Down	746	81812	59032	30205	86211	04010	83704	88706			746	71607	61012	30805	75311	03207	84707	87612		746	00061	000	+		+	
Ross-on-Wye	627	71812	70022	27308	75511	05112	87625				627	82114	60022	29107	85511	03212	88625			627	00091	011	+		+	
Bristol	628	71712	62022	28407	52502	05113	85825	87075			628	71714	58032	29006	75411	04108	87612			628	00081	002	+		+	
Aberporth	502	71721	69012	23309	55602	06108	85640	86075			502	61620	62022	24106	18402	03107	81818	86075		502	00091	000	+		+	
Rhoose (Cardiff)	715	81712	74022	27407	55547	05010	85625	83360	88275		715	71708	66022	28407	75411	04307	87617			715	00091	000	+		+	
Plymouth	827	81718	64026	27508	85411	06108	83710	88615			827	71512	59012	28207	75411	05106	85616	85625		827	97091	000	1r _o		+	
Chivenor	707	71720	77022	26209	75411	05109	86618	87630			707	71314	66022	27906	75511	03211	87621			707	00111	001	+		+	
St. Mawgan	817	71621	66012	25008	75411	07109	83615	87622			817	51523	59012	25708	55401	07210	85615			817	00101	000	+		+	
Culdrose	809	72119	69052	24709	75411	07211	84718	87630			809	42018	66052	25409	45400	07204	84613			809	00111	002	+		+	
Scilly	804	71925	59022	22411	58402	07214	82814	84618	87075		804	51925	63012	23010	32402	07206	83815	85068		804	00111	001	+		+	
Elmdon	534	71816	62022	28008	25532	05211	82620	83362	87075		534	81707	48042	29605	66407	03213	83711	85714	88272	534	00081	003	+		+	
Shawbury	414	81712	74032	26309	45477	05107	81618	84628	86464		414	71609	66022	27906	65578	03313	86620	86275		414	00091	001	+		+	
Manchester	334	81815	58022	25608	11677	04214	81830	86365	88275		334	71816	48022	27206	65412	03215	86619			334	00081	000	+		+	
Squires Gate	318	81513	34042	24007	15671	05110	81630	88362			318	71617	56042	25306	70971	04312	81362	87468		318	00090	000	+		+	
Valley	302	81632	66032	22110	75571	08213	83625	87635	88460		302	71530	66022	23408	75611	07210	87630			302	00101	000	+		+	
Ronaldsway	204	71933	62012	20810	75411	08010	82715	87645			204	71835	62026	21709	35471	07008	81714	83640	87463	204	97101	000	1r _o		+	
Carlisle	222	71813	69022	21610	55571	05006	81625	84640	87460		222	81511	61022	23209	65671	04111	86637	88459		222	00111	000	+		+	
Watnall	354	72313	58012	27708	31438	05111	83815	86270			354	62014	56032	29605	66400	03314	86712			354	00081	000	+		+	
Spurn Head	396	81815	48032	28705	85511	03220	85625	86645			396	61822	57012	29405	45571	03206	84625	86358		396	00050	000	+		+	
Finningley	360	71814	62022	27508	75411	05112	84711	87625			360	71620	59012	29005	75411	04211	87617			260	00091	000	+		+	
Dishforth	261	81615	37052	26207	65671	05114	86630	88360			261	71713	19042	27505	35431	04212	83616	87360		261	00081	000	+		+	
Tynemouth	262	81820	32052	24108	45621	05218	84640	88458			26															

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

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7 or more

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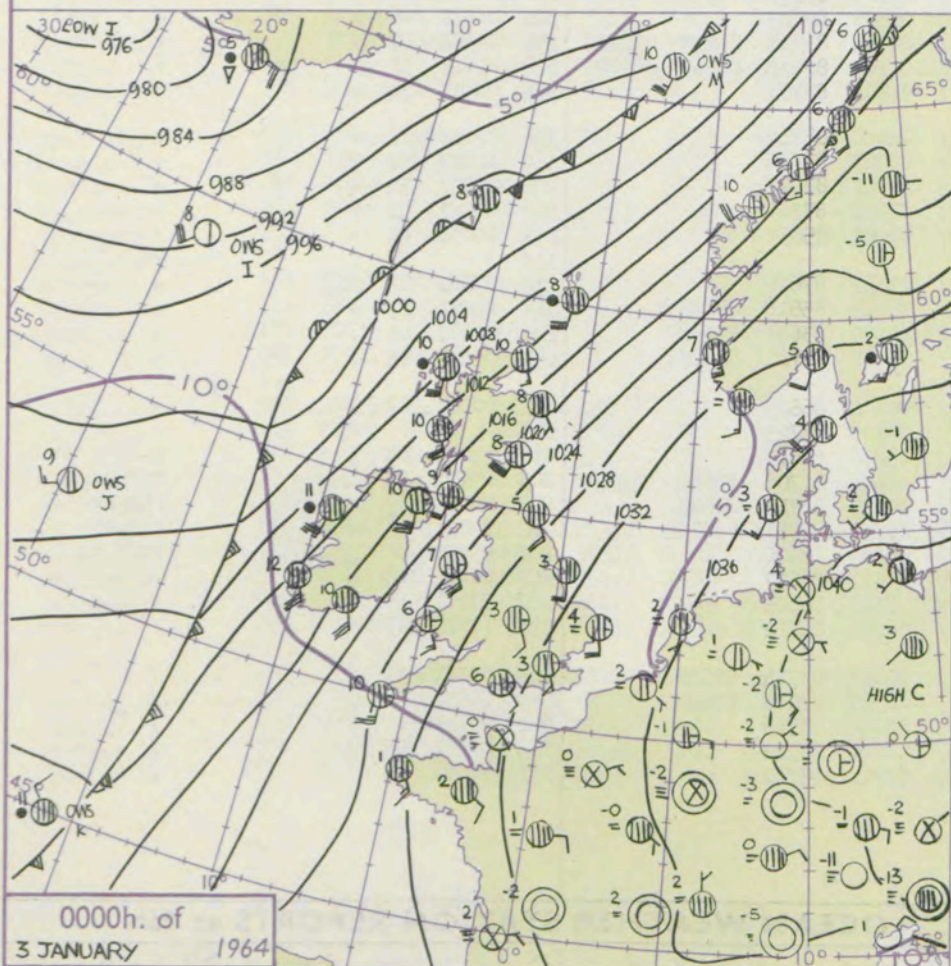
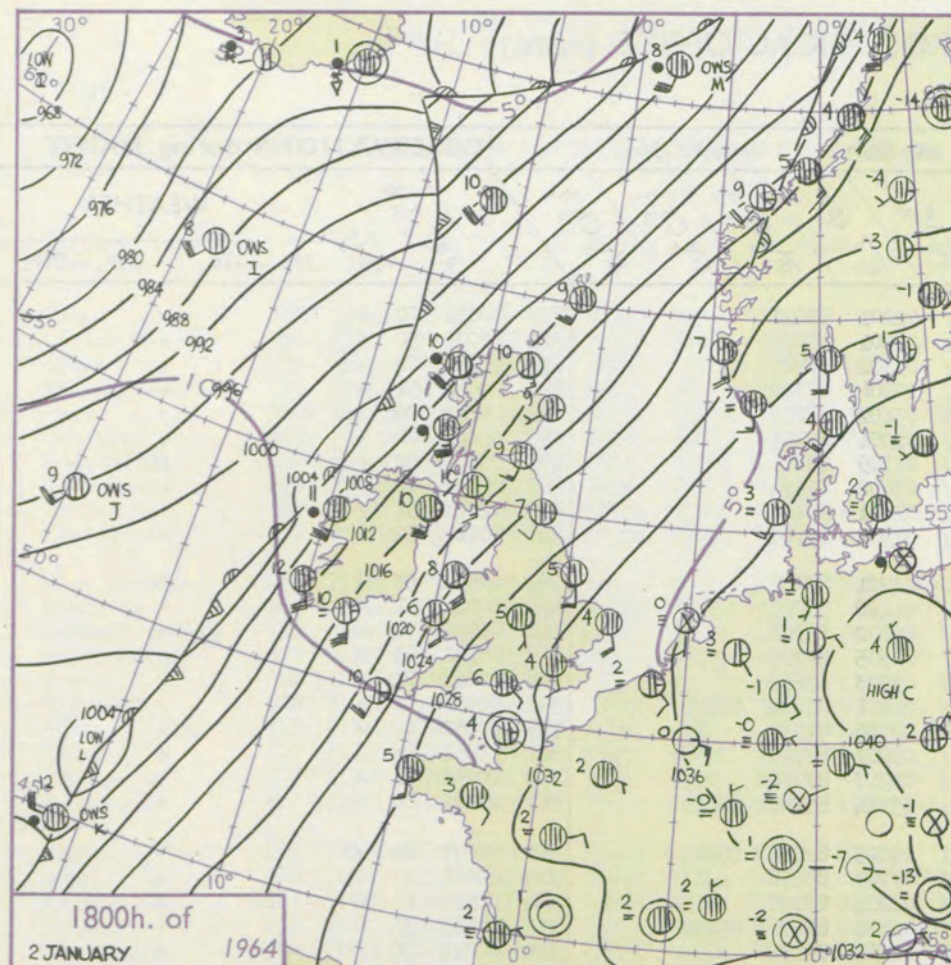
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GENERAL SYNOPTIC DEVELOPMENT

The trough of low pressure which yesterday was west of the British Isles has moved slowly east into the west of Scotland and Ireland. It will continue to move slowly east across Scotland and Ireland but will gradually weaken as the large anticyclone centred over Germany builds slowly westwards to dominate the weather over most of England and Wales.

Issued at midday Friday 3 January

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Rain or drizzle will spread east across Scotland and Northern Ireland, followed by brighter weather with some showers. Temperatures will be near normal today but slight frost is likely in places tonight. England and Wales will be mostly dry and rather cold, though there will be sunny periods this afternoon. Fog patches and slight frost will occur widely tonight.

OUTLOOK for following 24 hours.

Mostly dry. Rather cold in the south with night frost and some fog. Temperatures near normal in the north.

Mean Sea surface isotherms for JANUARY

SCALE 1:2x10' are shown thus -10°-

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

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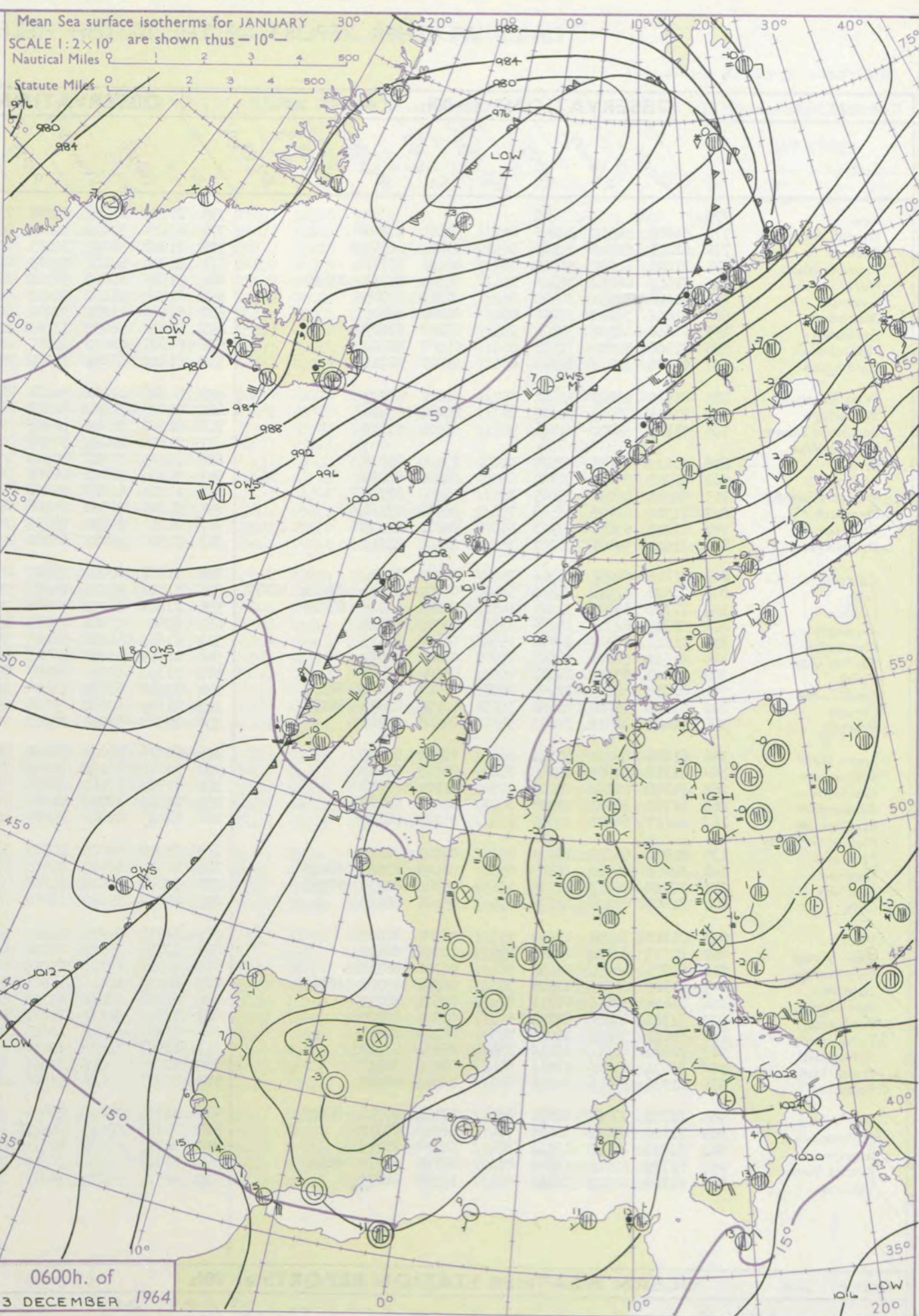
Statute Miles 0 1 2 3 4 500

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Statute Miles 0 1 2 3 4 500



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

Code FM II.A		OBSERVATIONS at 00h. 3 January 1964										OBSERVATIONS at 06h. 3 January 1964										OBSERVATIONS during NIGHT					CONV TA °C
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 _n T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775				04					775	71705	60022	32204	75511	02201	87620				775	00031	00	+		+	40	
London Airport	772	61606	56012	32203	66311	02801	86709			772	81607	59022	32203	86311	02601	88708				772	00031	50	+		+	39	
Gatwick	776	61407	59022	32503	66300	03001	86707			776	71607	59022	32203	76311	02302	87707				776	97031	02	+		+	38	
Thorney Island	871	71408	61031	31905	76411	04400	87711			871	81704	58102	32005	86411	03304	88710				871	00041	51	+		+	37	
Hurn	862	71412	66032	30706	75411	04400	85711	87620		862	81510	62022	30704	86411	03102	88710				862	00041	04	+		+	36	
Guernsey	894	81621	58052	30403	86211	02302	87705			894	81520	56102	30203	86211	02301	87703				894	00021	02	+		+	35	
Wattisham	590	81612	32102	33201	86211	01801	88703			590	81610	11102	32201	86011	01709	88701				590	00001	00	+		1f	34	
Gorleston	497	71818	48102	33704	75511	03807	87620			497	71818	56052	33103	75511	03602	87625				497	00031	00	+		+	33	
Mildenhall	578	81506	50032	32503	86211	01400	88704			578	81607	48022	32001	86211	01601	88703				578	00011	51	+		+	32	
Cardington	559	61406	32012	32202	66411	01000	86710			559	81908	48051	31902	86311	01501	88707				559	00011	52	+		+	31	
West Raynham	485	81514	26102	32401	86211	01801	88703			485	81614	12102	32101	86011	01301	88701				485	00501	50	+		ff	30	
Wittering	462	81614	28022	31202	86311	02605	88706			462	81809	32102	31201	86211	01400	88703				462	00011	51	+		+	29	
Boscombe Down	746	71513	59022	31104	76311	03301	87708			746	81507	56022	31303	86311	01302	88708				746	00031	02	+		+	28	
Ross-on-Wye										627	71504	60022	30504	76411	01305	87715				627	00031	03	+		+	27	
Bristol	628	71610	58022	29504	00902	03500	87075			628	71509	58022	30304	75411	03203	87610				628	00041	01	+		+	26	
Aberporth	502	51717	59011	24706	00902	04504	85075			502	81514	58012	26905	86311	04211	83708	88711			502	00051	02	+		+	25	
Rhoose (Cardiff)	715	70913	59032	29005	76311	04200	87709			715	11311	61012	29804	16400	02306	81710				715	00030	02	+		+	24	
Plymouth	827	71310	61022	28508	75411	06500	87614			827	81109	58022	29406	86411	05207	88710				827	00051	05	+		+	23	
Chivenor	707	11213	62021	27707	15501	04801	81625			707	71211	59031	29105	76411	03307	87714				707	00041	01	+		+	22	
St. Mawgan	817	71621	59021	26207	75411	06601	87611			817	81512	48022	28306	85311	05114	85707	88612			817	00051	04	+		+	21	
Culdrose	809	71815	62051	26308	75411	06103	87610			809	81807	60052	27607	85311	05205	82706	88607			809	00070	06	+		+	20	
Scilly	804	71826	57022	23310	58402	08502	83814	84619	87070	804	31823	66011	24809	35400	07209	83618				804	00081	11	+		+	19	
Elmdon	534	71711	69032	30203	76311	02500	84708	87710		534	71809	58022	30503	76311	01304	87708				534	00021	01	+		+	18	
Shawbury	414	51716	62012	28005	55500	03001	85620			414	51610	59011	29003	15502	02102	81620	85070			414	00011	52	+		+	17	
Manchester	334	21712	58011	27504	15402	02400	81613			334	61607	58021	28403	00908	01204	86275				334	00011	50	+		+	16	
Squires Gate	318	81412	56021	26005	00907	04202	88270			318	81519	56022	26503	00907	02205	88270				318	00021	00	+		+	15	
Valley	302	71628	69031	24407	75511	03500	87626			302	71732	66031	25107	75511	04308	87627				302	00071	06	+		+	14	
Ronaldsway	204	82030	62022	22808	25671	06502	82630	88462		204	82018	62032	24408	55471	06315	83715	84630	88462		204	00071	07	+		+	13	
Carlisle	222	61605	59022	25106	35638	02108	83638	86275		222	71307	62032	25604	25636	01103	82635	84360	86272		222	00021	51	+		+	12	
Watnall	354	52411	48012	30203	56300	02003	85708			354	72308	37022	30502	76311	01302	87707				354	00011	54	+		+	11	
Spurn Head	396	81822	48022	30303	86411	02400	88710			396	81820	48022	29904	86411	02400	88710				396	00010	11	+		+	10	
Finningley	360	71717	50022	29905	75411	03203	87613			360	71812	28102	30402	76311	01302	87708				360	00011	52	+		+	9	
Dishforth	261	71708	20102	28103	00902	01701	87070			261	71707	20101	28601	00902	01301	87075				261	00001	52	+		+	8	
Tynemouth	262	81719	58022	25905	80921	02201	88460			262	71915	58022	26503</														

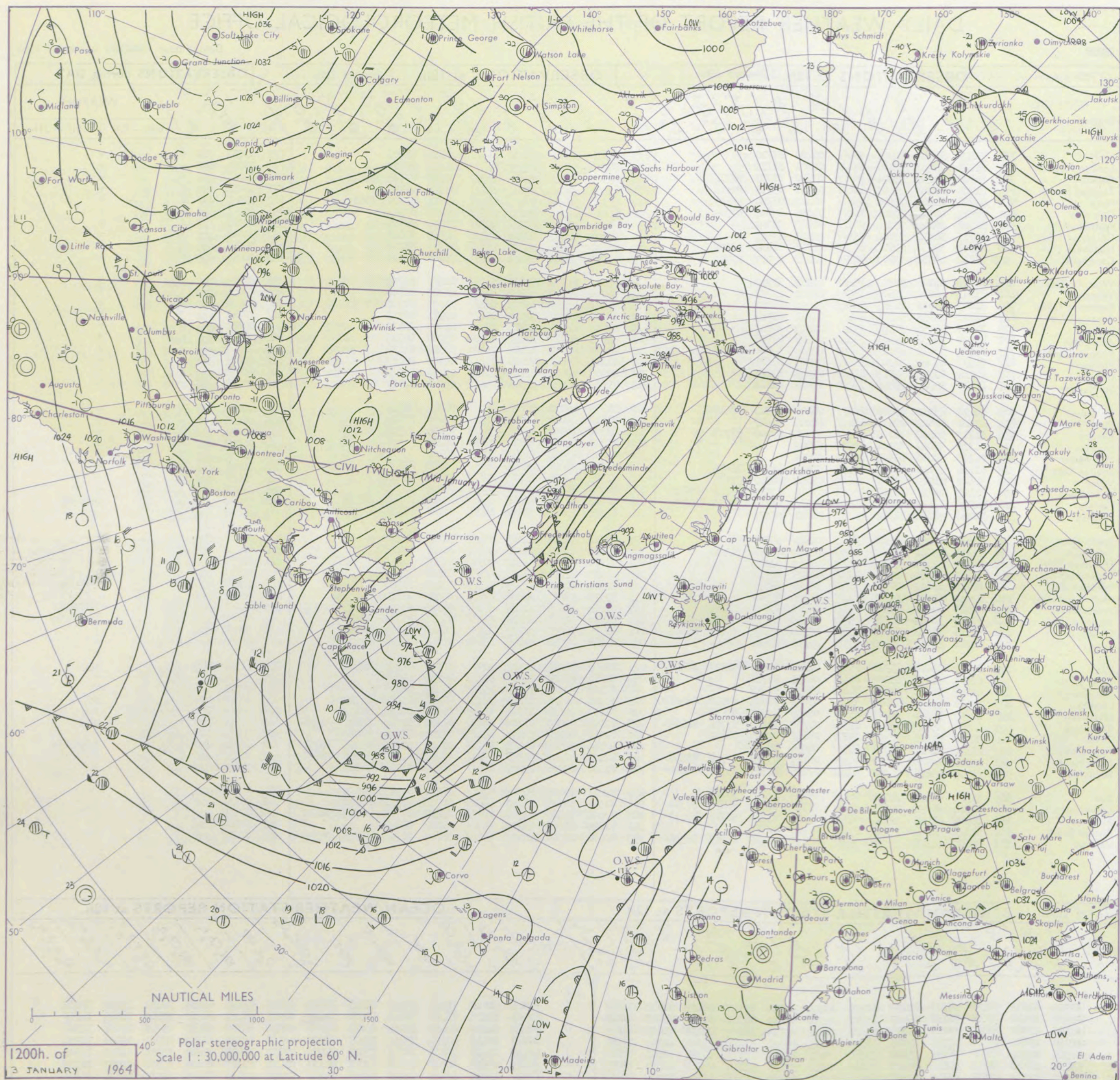
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37298

Date of Issue Saturday 4 January 1964

Code FM II.A		OBSERVATIONS at 12h. 3 January 1964										OBSERVATIONS at 18h. 3 January 1964										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	71809	56052	32905	764/1	02400	87710			775	81906	58022	33604	863/1	02106	88709			775	00051	000	+		+		
London Airport	772	81708	48032	33105	864/1	02801	88712			772	81807	56022	33903	864/1	01107	88710			772	00051	000	+		+		
Gatwick	776	81810	50052	33204	863/1	03802	84708	88710		776	82107	50052	34003	853/1	02210	87708	88612		776	00041	000	+		+		
Thorney Island	871	81808	62022	33405	854/1	03001	85711	88618		871	82003	69022	34304	864/1	02211	88711			871	00051	000	+		+		
Hurn	862	81506	61012	32804	854/1	01107	86710	88613		862	81204	56032	33404	854/1	02211	85710	88612		862	00041	000	+		+		
Guernsey	894	71514	40102	32304	762/1	04005	83704	87705		894	81610	40102	33104	862/1	04208	87703			894	00051	000	+		+		
Wattisham	590	81608	28104	33302	861/1	01803	88702			590	82009	19052	33502	862/1	01204	88704			590	00021	000	+		+		
Gorleston	497	71715	56052	33804	755/1	03003	87622			497	82109	48102	34002	855/1	02505	88620			497	00041	001	+		+		
Mildenhall	578	81907	37052	32803	863/1	01003	84706	88708		578	82007	28052	33203	863/1	01105	88708			578	00041	000	+		+		
Cardington	559	71810	48052	32803	763/1	01002	83707	87712		559	81907	39042	33403	855/1	01007	88610			559	00041	000	+		+		
West Raynham	485	71815	24104	32901	762/1	01802	87703			485	81811	23102	33002	862/1	02003	88704			485	00021	000	ff		+		
Wittering	462	71913	48022	32502	763/1	01002	87707			462	81914	40042	32702	863/1	01303	88706			462	00031	000	+		+		
Boscombe Down	746	81805	56052	32903	863/1	01002	88707			746	81704	48052	33802	863/1	01209	88708			746	00031	000	+		+		
Ross-on-Wye	627	81806	48052	31504	864/1	01101	88715			627	81908	48052	32504	864/1	02111	88715			627	00041	000	+		+		
Bristol	628	71707	56052	31903	754/1	01002	87615			628	81807	32052	32505	854/1	02005	88612			628	00051	000	+		+		
Aberporth	502	71509	58032	29305	764/1	03208	87713			502	41616	56011	30605	46400	03208	84715			502	00061	004	+		+		
Rhoose (Cardiff)	715	51511	58031	31505	56400	02104	83710	84618		715	21606	56011	32404	15401	03312	81617			715	00061	034	+		+		
Plymouth	827	71407	40042	31307	755/1	05005	87625			827	81204	40042	32206	854/1	04109	88613			827	00081	000	+		+		
Chivenor	707	11211	62011	31007	15400	04005	81612			707	40905	59011	32105	45400	03110	84614			707	00071	053	+		+		
St. Mawgan	817	11517	5002	29708	15401	05009	81614			817	71510	50032	31306	754/1	05210	87611			817	00081	024	+		+		
Culdrose	809	82010	63052	29609	854/1	06109	83710	88618		809	81909	60052	30708	854/1	06211	88615			809	00090	000	+		+		
Scilly	804	61920	61021	28411	654/1	08224	86617			804	71814	58031	29710	755/1	09208	87622			804	00121	000	+		+		
Elmdon	534	81713	56042	31703	863/1	01004	83706	88713		534	81907	28042	32502	863/1	01204	87706	88709		534	00051	000	+		+		
Shawbury	414	01710	50041	30204	00900	01002				414	01307	34040	31801	00900	00210				414	00053	057	+		+		
Manchester	334	01717	30041	29603	00900	00002				334	01710	19040	31001	00900	00110				334	00031	057	+		+		
Squires Gate	318	61414	30042	29004	10931	02108	81365	86075		318	71313	26041	29603	756/1	01206	87631			318	00051	050	+		+		
Valley	302	31627	61012	27607	25602	05012	82640	83075		302	71725	61022	29107	756/1	05213	87630			302	00081	000	+		+		
Ronaldsway	204	71924	61022	26508	754/1	07110	82710	85712	87630	204	81927	50012	27608	864/1	07208	88711			204	00091	000	+		+		
Carlisle	222	71508	59022	27607	45501	02003	81625	84635	86075	222	81409	56032	28407	855/1	02314	86623	88633		222	97101	040	+		irorodo		
Watnall	354	82010	28032	31702	863/1	01001	88707			354	82309	23022	32502	862/1	01108	88705			354	00031	000	+		if		
Spurn Head	396	71820	12052	30901	764/1	01802	87710			396	81813	32032	31703	864/1	01207	88710			396	00030	000	+		+		
Finningley	360	71818	23042	31202	763/1	01102	85708	87710		360	52013	18041	31602	56300	00307	85707			360	00031	005	+		+		
Dishforth	261	11609	11101	29702	00901	01102	81075			261	01108	07440	30400	00900	50309				261	00031	041	+		+		
Tynemouth	262	41912	16052	27303	00908	01205	84275			262	81911	32051	28403	00907	01107	87275			262	00051	047	+		+		
Eskdalemuir	162	82120	66012	26706	855/1	04106	88625			162	82010	40022	27905	863/1	04210	88706			162	92101	000	+		idododo		
Mull of Galloway	131	82332	63022	24809	874/1	08222	88718			131	82335	58602	24808	874/1	08220	88710			131	97091	000	/		/		
Prestwick	135	81915	62022	23509	853/1	07217	84708	88614		135	81915	48635	24709	874/1	08108	83710	85713	87621	135	04091	000	id _o		rrdrdrdd		
Renfrew	141	81710	56042	23509	854/1	06112	82718	86625	88640	141	82112	32586	24709	853/1	08315	85709	87621		141	02102	000	id _o		dododoro		
Leuchars	171	82326	70032	22509	5557/	05310	85625	85359	88465	171	82315	58032	24709	3643/	06218	83715	88360		171	00091	000	+		+		
Dyce	091	82210	59052	21109	4557/	05215	84620	88460		091	72109	6204														

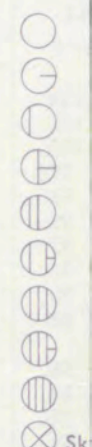
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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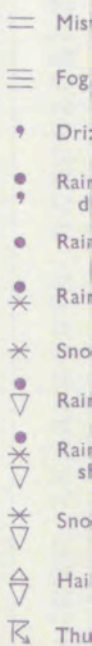
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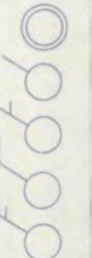
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Symbol



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Symbol



For each
half-foot
5 knots

CHARTS OF WEATHER IN WEST EUROPE

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

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Weather

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shower

and snow
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shower

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IND

Wind
speed
(knots)

Calm

1-2

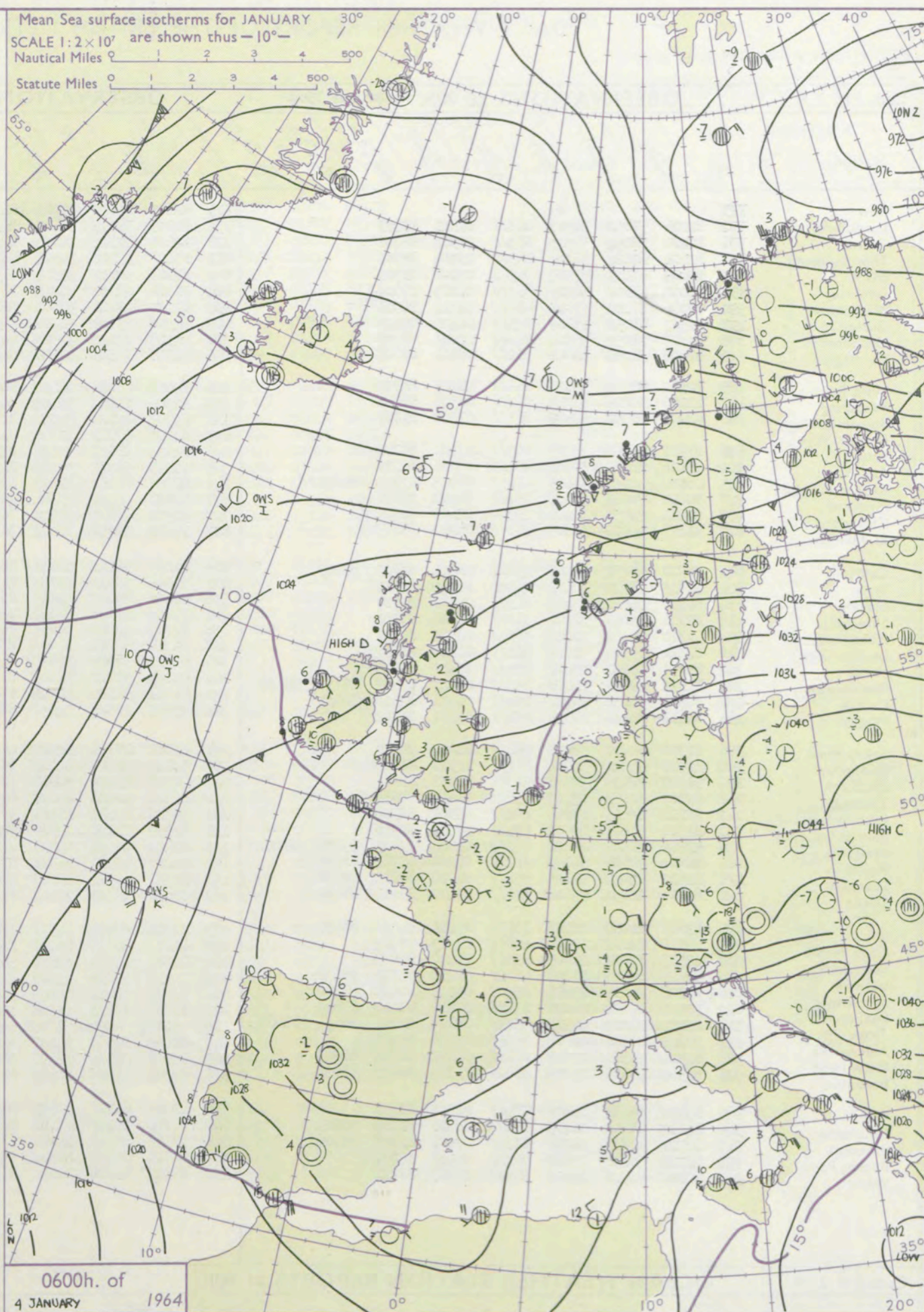
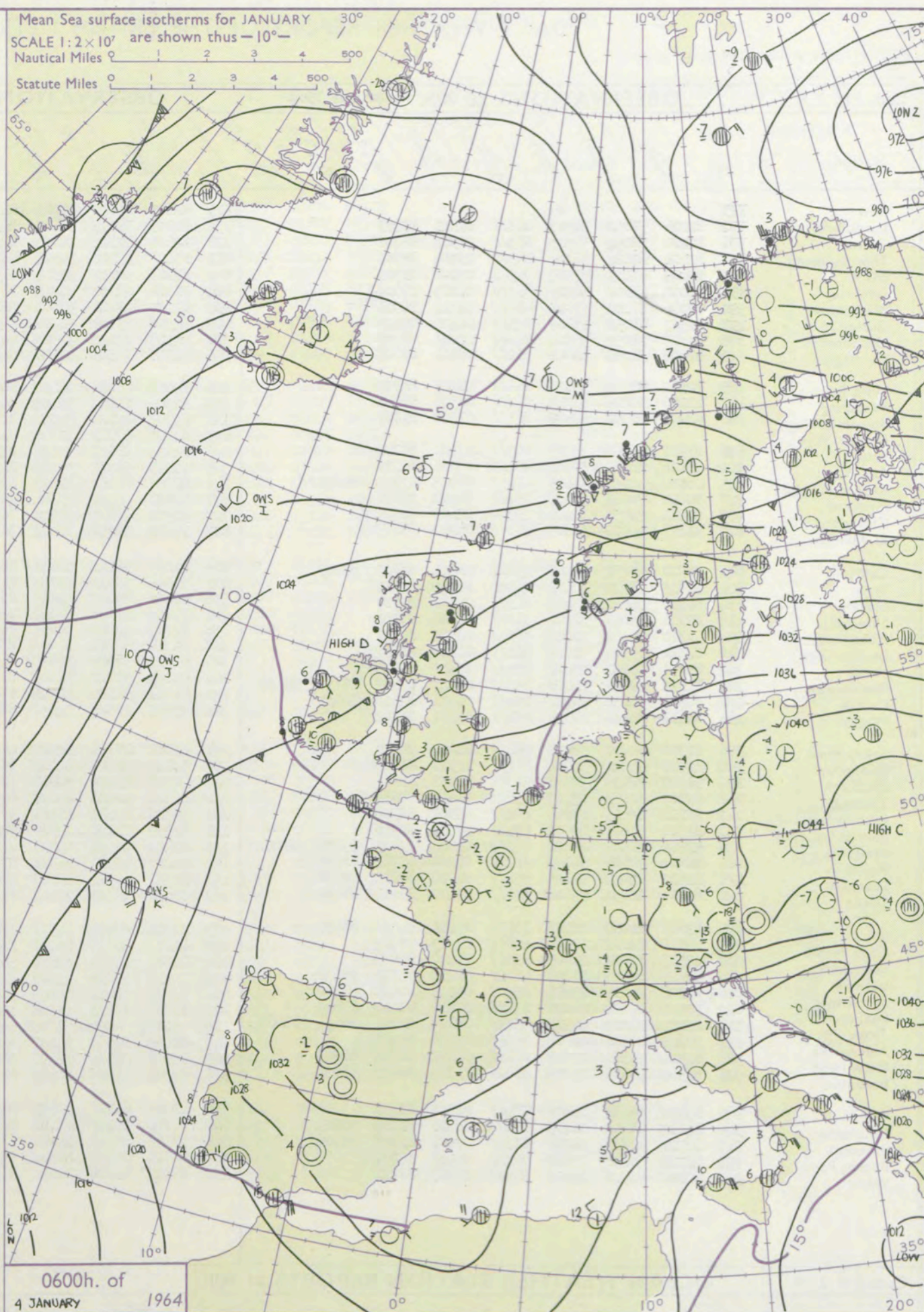
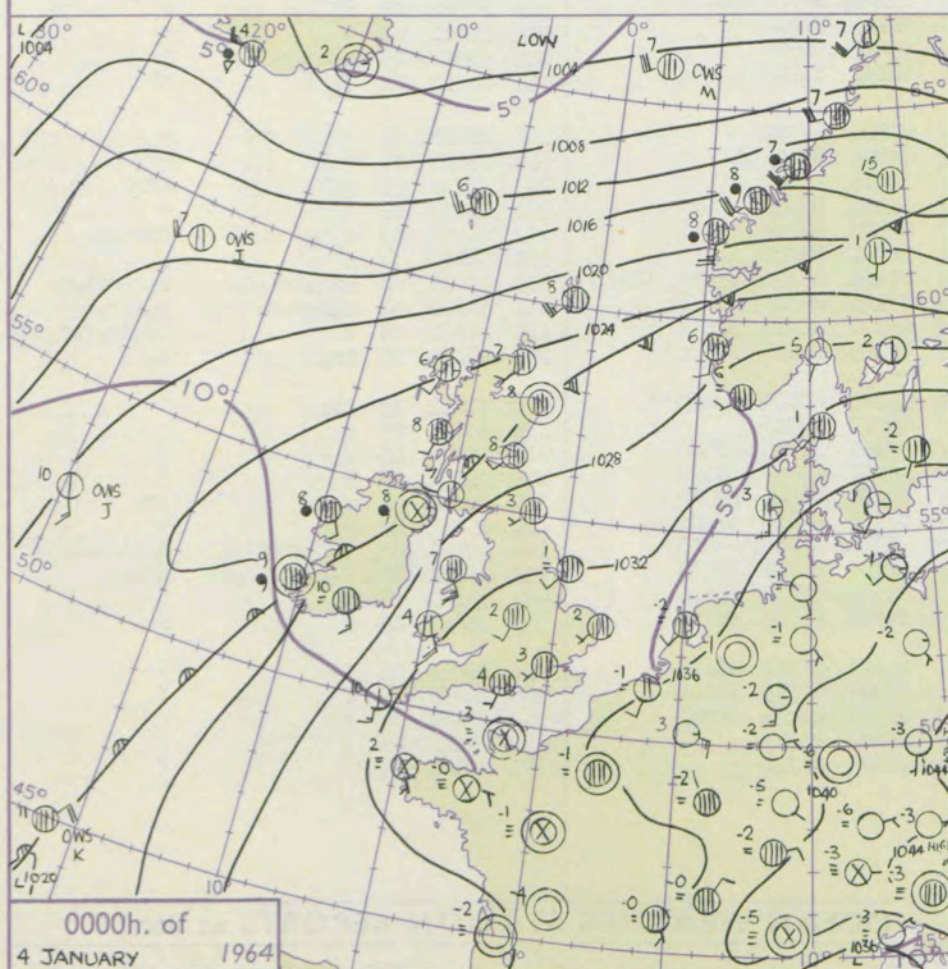
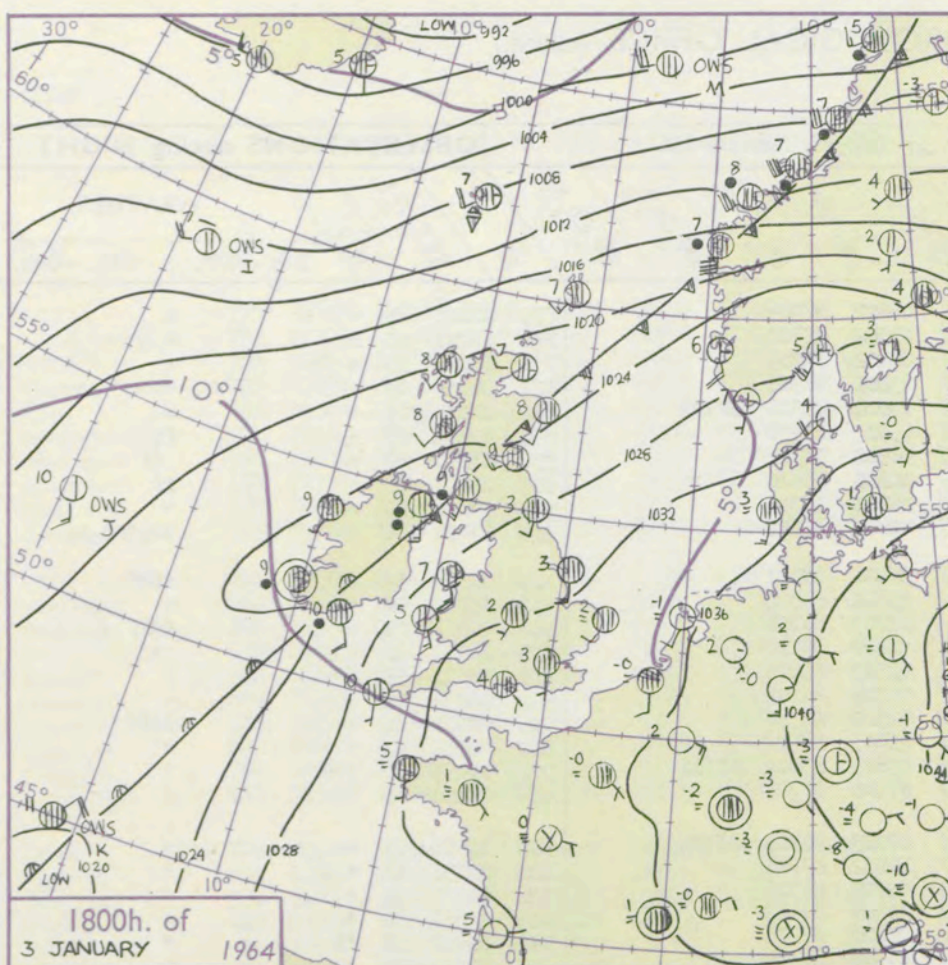
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additional
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48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 4 January 1964

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The European high has drifted a little southeast while a strong ridge of high pressure which yesterday extended westwards across southern parts of Britain with a small high cell just west of Ireland has moved northeast. The slow moving trough of low pressure over Scotland and Northern Ireland has become almost stationary. The ridge will continue to move northeast, while the trough will remain slow moving over southern Scotland and Northern Ireland as a weakening feature.

Cloudy and mostly dry over England and Wales, but rather cold, with near freezing temperatures tonight. Misty in many places with fog, and some drizzle patches over hills. Over west Wales and parts of southwest England temperatures will be near normal. Northern Ireland and Scotland will be mostly cloudy with rain or drizzle dying out slowly from the west. Temperatures near normal.

OUTLOOK for following 48 hours

Mainly cloudy and dry. Temperatures normal in the north, but rather below normal in the south.

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

Code FM 11.A										OBSERVATIONS at 00h. 4 January 1964										OBSERVATIONS at 06h. 4 January 1964										OBSERVATIONS during NIGHT					CONVECTIVE TABLE °C to °F
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			03						775	82803	64022	34203	86211	01601	88705				775	00021	01	+	+	40										
London Airport	772	82206	57032	34503	86311	01101	88707			772	82705	58022	34402	86311	01502	88707				772	00011	00	+	+	39										
Gatwick	776	82206	58052	34503	86311	02301	88706			776	82606	62102	34003	86211	02602	88705				776	00021	02	+	+	38										
Thorney Island	871	82101	62022	34704	86311	03104	88707			871	83403	58022	34604	86211	03401	88705				871	00031	03	+	+	37										
Hurn	862	82005	62022	33904	86311	02000	88709			862	81003	58012	33304	86311	03804	82706	88709			862	00041	03	+	+	36										
Guernsey	894	80000	48102	34105	86311	04103	87706			894	71106	48102	34004	76311	03703	87706				894	00031	03	+	ff	35										
Wattisham	590	82006	17102	33901	86211	01001	88704			590	82410	08444	33601	86011	00502	88701				590	00501	50	+	ff	34										
Gorleston	497	82307	48052	33802	85511	01400	88620			497	82308	37102	34301	85511	00801	88620				497	00001	00	+	ff	33										
Mildenhall	578	82207	28052	33902	86211	01205	88705			578	82107	23102	33501	86211	00601	88704				578	00011	00	+	+	32										
Cardington	559	82308	36042	34001	86211	00801	88705			559	82106	14505	33901	86111	01802	88702				559	97011	01	+	idoffdodo	31										
West Raynham	485	82312	08162	33801	86111	01400	88702			485	82411	06424	33150	86011	50400	88701				485	00511	50	ff	ffff	30										
Wittering	462	82210	32042	33801	86211	00306	88704			462	82306	23042	33202	86211	01801	88703				462	00001	00	+	+	29										
Boscombe Down	746	82003	56052	34602	86311	01302	88707			746	81701	19102	34003	86311	02803	88706				746	00011	01	+	ffff	28										
Ross-on-Wye										627	82105	57022	32704	86411	03400	88710				627	00041	02	+	+	27										
Bristol	628	81907	56022	33305	86311	03501	88709			628	21904	40101	33002	00901	02503	82075				628	00011	55	+	f	26										
Aberporth	502	41614	56031	30704	46400	03701	84710			502	81718	58021	30106	86311	05706	88709				502	00031	02	+	+	25										
Rhoose (Cardiff)	715	60000	62012	33005	66411	03003	83711	86620		715	40903	04461	32802	40931	02302	84360				715	00011	51	+	ffff	24										
Plymouth	827	70000	56042	33105	75411	04101	87616			827	61007	48042	33106	86411	05003	88712				827	00061	03	+	+	23										
Chivenor	707	20911	59031	32404	25500	03607	82622			707	70907	48031	32504	76211	03803	83704	87711			707	00031	00	+	+	22										
St. Mawgan	817	81317	40022	31907	86311	06203	88707			817	71515	37052	31907	76211	07400	87705				817	00061	05	+	+	21										
Culdrose	809	71910	60052	31209	75211	08201	82705	87609		809	81807	56052	31808	86211	07203	86704	88705			809	00081	07	+	+	20										
Scilly	804	21815	58021	30410	25500	10400	82622			804	71816	56052	30710	76311	10002	87706				804	00091	11	+	+	19										
Elmdon	534	82008	26042	33402	86211	02302	88705			534	82108	40042	32803	86311	03702	88706				534	00021	01	+	+	18										
Shawbury	414	71706	32041	32702	76311	01304	87708			414	71603	28101	31502	75611	01309	87643				414	00011	52	+	+	17										
Manchester	334	51710	09454	32001	91011	00305	89101			334	71707	40044	30803	76311	01808	87706				334	00010	50	ff	+	16										
Squires Gate	318	81414	19101	31001	86111	01208	88702			318	81313	37102	30003	85611	03706	88646				318	00011	50	+	+	15										
Valley	302	81724	61032	29207	85611	05400	88640			302	81823	58022	28808	86311	07202	86708	88712			302	00071	07	+	+	14										
Ronaldsway	204	82122	62022	28208	85311	08301	83707	86710	88630	204	82024	58022	26909	86211	08811	88705				204	00081	08	+	+	13										
Carlisle	222	81506	56036	29007	85411	04101	83618	88622		222	81511	56602	28706	85511	03602	88620				222	97051	05	doroiroro	iroro	12										
Watnall	354	82411	04444	32901	86111	01701	88702			354	82305	12284	32502	86211	02801	88704				354	00011	01	ff	ff	11										
Spurn Head	396	82308	10102	31901	86411	01000	88710			396	82311	10102	31901	86411	01804	88710				396	00010	11	+	+	10										
Finningley	360	81910	15102	32001	86211	01501	88704			360	82012	22102	32002	86211	02705	88705				360	00011	51	+	+	9										
Dishforth	261	91509	F2474	31051	91111	51803	89111			261	91210	05434	30800	91111	50805	89111				261	00521	53	ffff	FFFF	8										
Tynemouth	262	82307	32051	28903	85611	01400	88635			262	82312	32102	29002	85511	01102	88625				262	00011	01	+	+	7										
Eskdalemuir	162	82111	19515	28805	87211	05501	88704			162	82107	09465	28105	87111	05603	88702				162	04041	03	doro	ddffidoro	6										
Mull of Galloway	131	82330	56606	25908	87411	08204	88710			131	82332	58026	24809	87411	08711	88710	88710			131	02061	11	+	+	5										
Prestwick	135	81809	40586	26008	86211	08004	82705	85709	88712	135	81909	40586	25508	85411	07805	83708	85712	88616		135	12071	07	dorodrdoro	dorodrdoro	4										
Renfrew	141	82004	40586	26109	85311	08204	86707	88612		141	80000	48586	26307	07002	83703	86712	88625			141	11062	06	rororo	rororo	3										
Leuchars	171	82312	62022	26108	85411	06302	82618	88630		171	82310	66022	26107	85411	06500	86714	88630			171	94061	06													

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

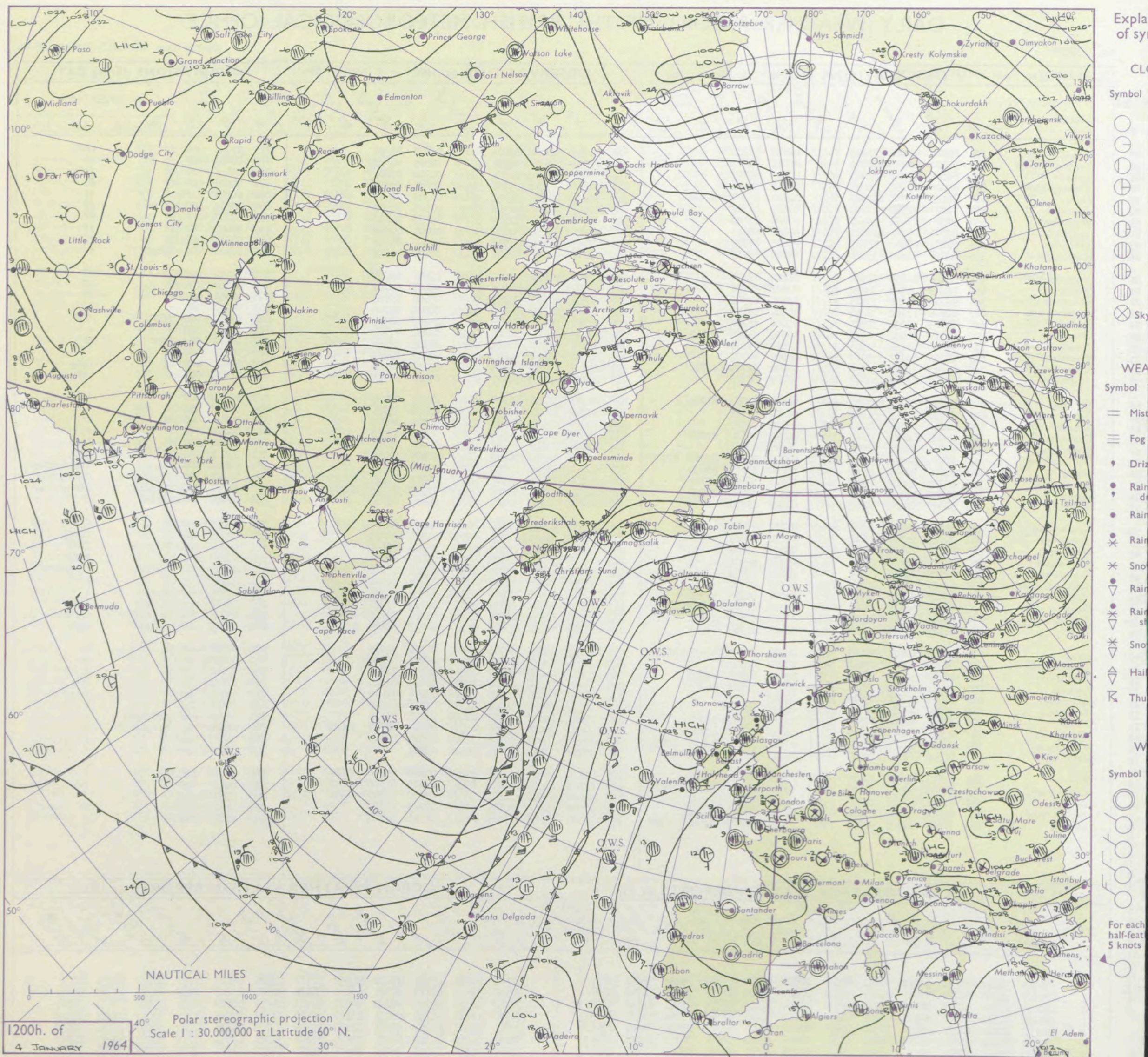
No. 37299

Date of Issue Sunday 5 January 1964

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Code FM 11.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwWW	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	VVwwWW	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	RRTT _x FE	SSS	WEATHER			
																								09h.—15h.	15h.—21h.	
Kew	775	82304	09462	33403	862//	02810	88703				775	92003	01454	32603	91111	02805	89/01				775	97041	000	ff	ffff	
London Airport	772	92002	05472	33802	91111	02811	89/01				772	92403	02474	32402	91111	02805	89/11				772	00021	000	ff	ff	
Gatwick	776	82301	19102	33603	862//	02809	88703				776	90000	01474	32801	91111	01702	89/02				776	00031	000	ff	ffff	
Thorney Island	871	80000	07464	34103	861//	02807	88702				871	90000	03434	33103	91111	03804	89/01				871	00041	000	ff	ff	
Hurn	862	82105	40052	33305	863//	04806	85706	88709			862	80000	05464	32704	861//	04302	88702				862	00051	///	+	ff	
Guernsey	894	81007	01424	33904	860//	04805	88700				894	80507	07424	32705	860//	05503	88700				894	00051	000	ffff	ff	
Wattisham	590	92409	F7454	33400	91111	00806	89/01				590	92405	F3474	32300	91111	00503	89/00				590	97011	///	FF	FF	
Gorleston	497	82302	08424	33900	854//	00807	88615				497	92304	03454	32600	91111	00601	89/02				497	97021	000	ff	ff	
Mildenhall	578	82107	06462	33001	861//	01810	88702				578	92105	01454	31701	91111	01805	89/01				578	00011	000	ff	FF	
Cardington	559	82008	14105	33202	862//	02808	88703				559	82106	02464	32402	861//	02706	88701				559	97031	000	dodoff	ff	
West Raynham	485	92214	01454	32401	91111	01812	89/01				485	92111	01474	31201	91111	01806	89/01				485	97011	000	FF	FF	
Wittering	462	82205	04444	32803	861//	03603	88702				462	92303	02454	31403	91111	03806	89/01				462	00031	000	ff	ff	
Boscombe Down	746	92005	01454	33903	91111	03804	89/02				746	92301	01454	33303	91111	03602	89/01				746	97041	000	FF	FF	
Ross-on-Wye	627	82106	13102	32404	862//	04806	88704				627	82105	17102	31604	862//	04804	88704				627	00051	000	+	+	
Bristol	628	91805	01434	32805	91111	05804	89/01				628	82306	02444	32105	861//	05400	88702				628	00051	000	ffff	ffff	
Aberporth	502	81718	56032	30707	853//	05002	84708	88635			502	71717	28022	30406	762//	06202	87703				502	00071	000	+	+	
Rhoose (Cardiff)	715	91106	03454	32505	91111	05807	89/01				715	81306	14104	32405	860//	05302	88701				715	00061	000	ffff	FF	
Plymouth	827	81206	15102	33607	861//	06000	88702				827	81104	32102	32607	862//	06002	88704				827	00071	000	+	+	
Chivenor	707	81213	14282	33206	861//	05001	84702	88704			707	81307	17502	32305	860//	05704	88701				707	97061	000	if	dodo	
St. Mawgan	817	81617	17102	32407	862//	07000	88703				817	81612	15102	31907	860//	07006	88701				817	00071	000	+	if	
Culdrose	809	81709	50052	32308	862//	07801	85703	88708			809	81507	50102	31707	862//	07201	88703				809	00081	000	+	+	
Scilly	804	71816	58022	31509	763//	08801	87706				804	51512	58022	31009	56300	08302	85706				804	00091	001	+	+	
Elmdon	534	82010	09424	32704	862//	03702	88703				534	92009	03474	31604	91111	04801	89/01				534	97041	000	ff	ff	
Shawbury	414	71609	40041	31506	15602	04803	81630	87070			414	71503	34042	30404	70931	03000	87363				414	00061	014	+	+	
Manchester	334	71911	17042	30705	762//	04000	87704				334	81708	23042	29406	55671	03704	85640	88365				334	97061	000	+	ido
Squires Gate	318	71614	20042	29605	15732	04802	81656	85362	87070		318	81711	16502	28407	864//	06501	88710				318	97071	000	+	dodo	
Valley	302	81826	56212	28909	852//	07602	84705	88630			302	82711	48586	29009	862//	09310	88704				302	02091	000	ir _o	ir _o id _o dr _o d _o	
Ronaldsway	204	82130	48202	26809	862//	09803	86704	88710			204	73408	74605	28307	55471	06317	83716	85640	87460		204	91101	000	idoir _o dd	d _o d _o d _o r _o ir _o	
Carlisle	222	81508	37606	27607	854//	05707	85718	88625			222	82409	40506	27008	854//	07203	85715	88625				222	81891	000	r _o r _o ir _o	idrr _o r _o ido
Watnall	354	92309	02434	32003	91111	03809	89/02				354	92409	01454	30604	91111	04603	89/02				354	00041	000	ffff	FF	
Spurn Head	396	82308	10102	31803	864//	03702	88710				396	82309	10104	30004	862//	04704	88705				396	00040	000	+	ff	
Finningley	360	72012	20102	30904	763//	04710	87707				360	62015	08464	29704	00902	04705	86075				360	97061	000	+	ffid _o	
Dishforth	261	91108	F7472	30501	91111	01806	89/01				261	91105	01474	29103	91111	03704	89/11				261	00041	000	FFff	ffff	
Tynemouth	262	72508	16052	28405	756//	03803	87635				262	82308	32052	27306	856//	05603	88630				262	97082	000	+	dodo	
Eskdalemuir																										

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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Amount
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7 or more
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and snow

shower

and snow
ower

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shower

nderstorm

IND

Wind
speed
(knots)

Calm

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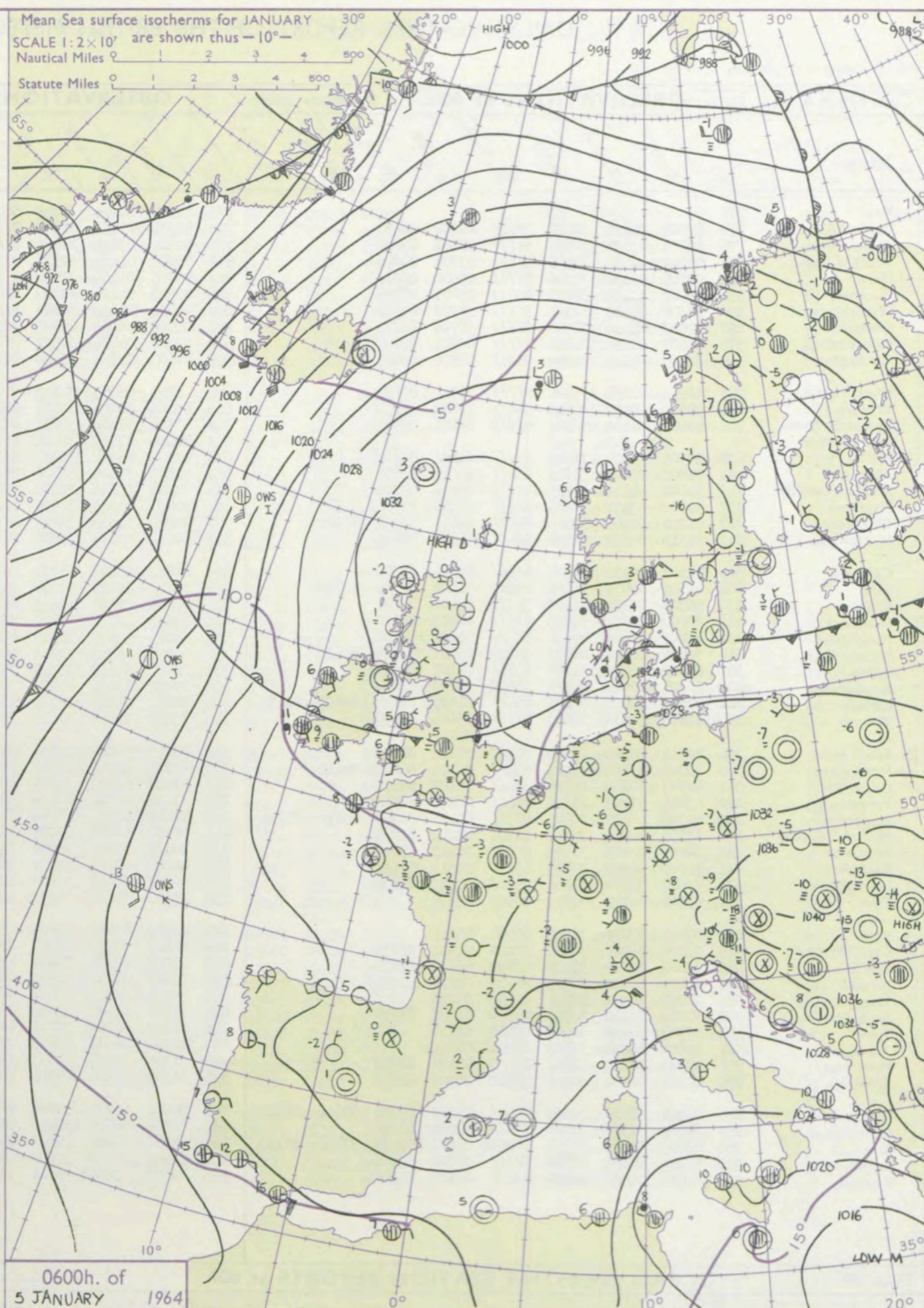
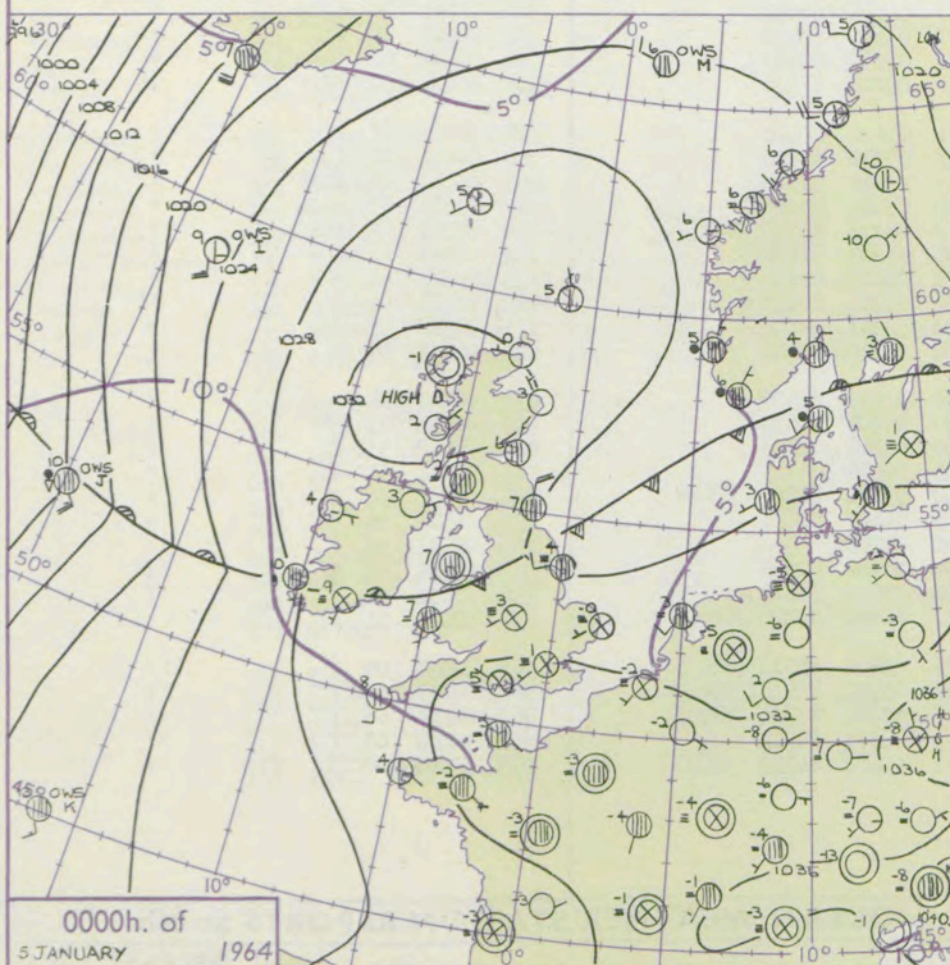
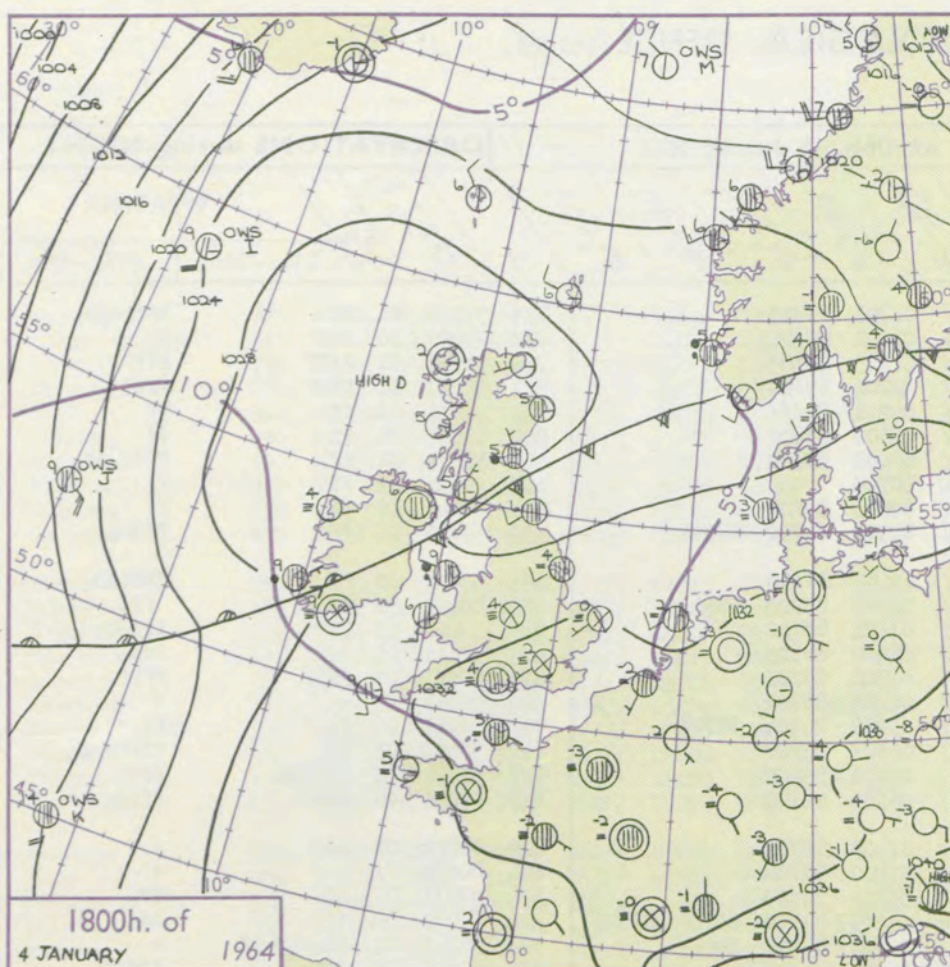
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 5 January

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

An intensifying anticyclone moved northeastwards across Ireland yesterday and is now centred over Scotland. The trough which was slow moving from Ireland to Norway yesterday is now nearing the German coast and has begun to move northwards across Ireland. The anticyclone will continue to intensify and move eastwards and the trough will progress southwards across Germany and the Low Countries in the east and northwards across Ireland and southwest England in the west.

Fine and cold over most of Scotland with mist or fog in many places night and morning. Sunny intervals spreading southwards across eastern and southeast England after fog, but frost and fog tonight. North Wales and Northern Ireland will be rather cloudy. Southwest England and south Wales will be dull and misty with much hill fog and a little drizzle.

OUTLOOK for following 24 hours

Cold, with frost and fog in many parts of England at night. Near average temperatures over some northwestern districts.

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

Code FM 11.A		OBSERVATIONS at 00h.									5 January 1964									OBSERVATIONS at 06h.									5 January 1964									OBSERVATIONS during NIGHT					CONVE TAR °C to
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 _n T _n E	T _g T _g	WEATHER																					
																						21h.—03h.	03h.—09h.																				
Kew	775			03						775	82704	04444	31002	864//	01701	88715				775	97011	01	FF	FFffid _o d _o	40																		
London Airport	772	92304	02474	32401	91111	01400	89/01			772	92904	01454	31801	91111	01502	89/01				772	97001	50	ff	FF	39																		
Gatwick	776	92501	03434	32500	91111	50804	89/02			776	92301	03434	31851	91111	51503	89/03				776	91511	51	ffff	ffff	38																		
Thorney Island	871	90000	01454	32903	91111	03702	89/00			871	93002	01454	32502	91111	02702	89/00				871	97021	02	ffff	FFFF	37																		
Hurn	862	92905	03434	32305	91111	05500	89/11			862	93005	04454	31804	91111	04201	89/11				862	91031	03	ff	ff	36																		
Guernsey	894	81007	10284	32205	860//	05807	88700			894	80905	04424	32205	860//	05502	88700				894	00051	04	ff	ff	35																		
Wattisham	590	92306	F7454	31351	91111	51708	89/00			590	92804	01454	30800	91111	00400	89/00				590	97511	51	FF	FFid _o if	34																		
Gorleston	497	92403	05454	31350	91111	50708	89/02			497	02309	08424	29901	00900	50703				497	00511	51	ff	ff	33																			
Mildenhall	578	92107	01454	31100	91111	00801	89/01			578	92406	04434	30502	91111	02603	89/01				578	00001	50	FF	ff	32																		
Cardington	559	82206	06444	31302	860//	02806	88701			559	82605	19504	31602	861//	02500	84702	88708			559	97021	01	ff	ffid _o	31																		
West Raynham	485	92214	01474	30101	91111	01706	89/00			485	92707	02454	30102	91111	02601	89/01				485	97001	00	FF	FFffid _o	30																		
Wittering	462	50000	20102	30702	561//	02602	85702			462	83108	20104	30804	852//	04303	83703	88613			462	00021	51	ff	ff	29																		
Boscombe Down	746	90000	01454	32902	91011	02801	89/01			746	83304	03444	32602	861//	01101	88702				846	97021	01	FFFF	ffid _o d _o	28																		
Ross-on-Wye										627	82302	17102	32004	862//	04400	88705				627	97041	02	if	id _o	27																		
Bristol	628	92305	02434	31904	91111	04801	89/01			628	92305	F5454	32303	91111	03308	89/01				628	00031	03	FFFF	FFFF	26																		
Aberporth	502	81807	23102	31207	862//	06207	88703			502	81809	17102	31606	861//	06204	88702				502	00061	05	+	+	25																		
Rhose (Cardiff)	715	90000	01454	32105	91111	05702	89/00			715	83104	23284	32405	872//	05202	84704	88708			715	97041	04	FF	ff	24																		
Plymouth	827	90000	03472	32406	91111	06500	89/00			827	90505	01504	32006	91111	06501	89/00				827	97051	05	ff	ffFFd _o d _o	23																		
Chivenor	707	81206	07465	32404	860//	04101	85701	88702		707	90000	01454	32603	91111	03101	89/00				707	97021	02	d _o d _o FF	ffff	22																		
St. Mawgan	817	91511	02472	31606	91111	06801	89/00			817	90405	03474	31806	91111	06203	89/00				817	97051	06	ffff	ffid _o	21																		
Culdrose	809	81507	28102	31307	861//	07604	88702			809	81607	23104	31307	861//	07400	88702				809	00071	07	if	+	20																		
Scilly	804	41509	69031	31108	42200	08603	82705	83815		804	71707	66022	30908	763//	07400	87708				804	00081	//	+	+	19																		
Elmdon	534	92303	02474	31403	91111	03400	89/00			534	82805	28104	31605	862//	05202	88703				534	97031	01	ff	ir _o	18																		
Shawbury	414	82003	28102	30605	855//	04803	88620			414	73603	48045	31806	754//	05309	83710	85616 87621			414	97031	50	+	id _o	17																		
Manchester	334	82205	19616	30006	872//	05305	88704			334	80000	20046	31905	854//	04210	83710	88617			334	91041	01	id _o ro _o if	+	16																		
Squires Gate	318	52806	48216	29705	55400	05208	83710	83635		318	00000	F5462	31903	00900	03214				318	97001	55	ir _o	ffffif	15																			
Valley	302	80000	66025	31007	857//	07107	88650			302	70303	61022	31305	757//	04208	87650				302	01041	03	d _o d _o	+	14																		
Ronaldsway	204	10108	82026	30604	15600	04210	81630			204	70411	83031	31805	755//	03205	87620				204	00011	51	+	+	13																		
Carlisle	222	83606	59025	30507	854//	04218	81718	86627 88638		222	70000	62012	33205	755//	04212	87626				222	00041	02	+	+	12																		
Watnall	354	92609	01474	30403	91111	03804	89/00			354	73503	48034	31505	756//	05208	87631				354	00031	50	FF	if	11																		
Spurn Head	396	82510	05464	27104	862//	02714	88705			396	73215	58024	29206	755//	05204	87620				396	00030	//	ff	+	10																		
Finningley	360	81708	17105	29405	854//	05804	84615	88640		360	73514	40042	31106	755//	05310	87620				360	00041	02	f	+	9																		
Dishforth	261	82907	32404	28906	854//	05102	88615			261	63207	63022	31305	656//	03316	86635				261	00041	03	ffif	+	8																		
Tynemouth	262	83619	61205	28507	864//	06209	88718			262																																	

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

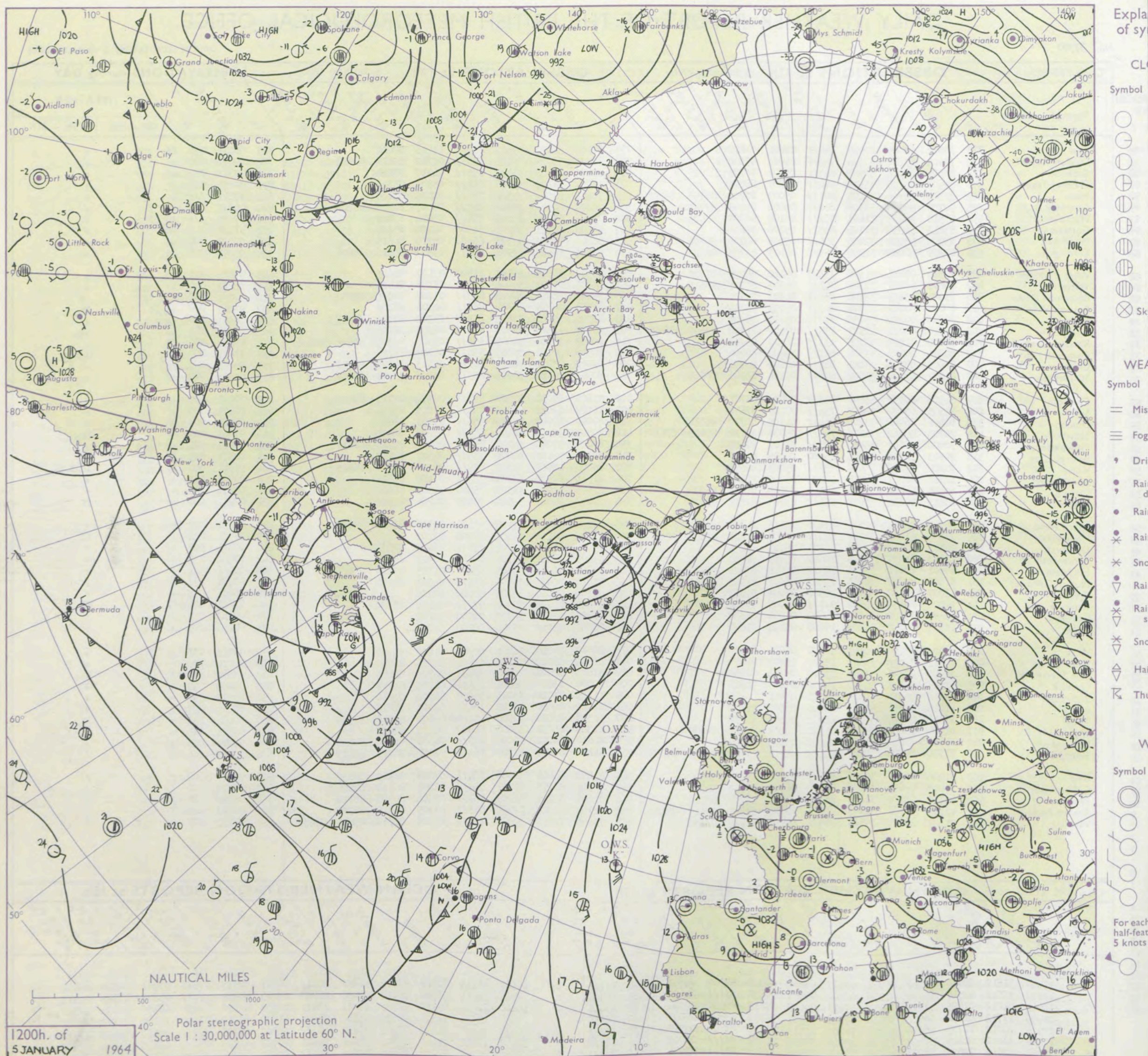
No. 37300

Date of Issue Monday 6 January 1964

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Code FM II.A		OBSERVATIONS at 12h. 5 January 1964										OBSERVATIONS at 18h. 5 January 1964										OBSERVATIONS during DAY				
Station	ill	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	ill	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	ill	RRT	T x E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Kew	775	72202	09405	32905	754//	03001	87618			775	80108	56022	33307	855//	03213	88620			775	00071	000	ff		+		
London Airport	772	72903	13104	33304	755//	04001	87624			772	80105	56022	33806	854//	04312	82618	88622		772	00071	000	+		+		
Gatwick	776	83301	23104	32903	863//	03002	88708			776	80405	48042	33406	855//	04310	88621		776	00061	002	+		+			
Thorney Island	871	82903	28104	33404	862//	04000	88705			871	80201	28102	33906	864//	05209	88718		871	00061	000	f		+			
Hurn	862	83303	20104	33005	861//	05003	82702	86703	88708	862	70404	28042	33304	755//	04006	87620		862	97071	///	+		+			
Guernsey	894	80706	56054	33306	862//	05004	85705	87711		894	80608	40052	33506	862//	06307	82703	88704	894	00071	000	+		+			
Wattisham	590	83510	26205	31605	852//	05105	86705	88625		590	73606	63026	33105	754//	03214	87619		590	97051	///	id _o ff		+			
Gorleston	497	83612	58258	31106	855//	05206	88620			497	53608	58101	32305	55500	04208	85625		497	97061	010	pr _o		+			
Mildenhall	578	83205	48024	32006	854//	05108	84710	88620		578	63403	74012	33305	65400	04210	86619		578	00071	000	+		+			
Cardington	559	83309	40055	32906	853//	04103	86708	88625		559	83606	61025	33906	854//	03307	84615	88626	559	97071	000	id _o		+			
West Raynham	485	70316	69035	31506	754//	05110	84715	87622		485	13507	66011	33103	15500	03107	81625		485	97071	011	id _o		+			
Wittering	462	83609	66012	32706	853//	04107	83708	88615		462	13306	66021	34004	15500	03208	81625		462	00071	000	+		+			
Boscombe Down	746	83201	03445	33704	860//	04003	88701			746	80301	48054	34104	855//	03208	88625	88630	746	97051	000	d _o d _o ff		+			
Ross-on-Wye	627	80000	04445	33705	862//	05103	88704			627	80703	81054	73906	862//	04308	88705		627	93061	000	id _o ff		ir _o			
Bristol	628	90000	01434	33605	91///	05107	89/01			628	80304	12104	33605	852//	05303	82704	88617	628	00051	000	ffFF		+			
Aberporth	502	71711	66012	32507	754//	07802	81710	85620	87650	502	81709	17505	33307	860//	06207	88701		502	91081	001	+		id _o			
Rhoose (Cardiff)	715	90000	01474	33706	91///	06108	89/00			715	80903	13104	34005	853//	05307	83707	85621	88635	715	97061	000	FF		+		
Plymouth	827	80504	20105	33306	862//	05802	88704			827	80506	20105	33805	854//	05208	87616		827	97061	000	id _o		d _o d _o ff			
Chivenor	707	80000	48024	33803	861//	03105	88702			707	80000	23022	34205	861//	05213	84702	88707	707	00051	000	ff		+			
St. Mawgan	817	81507	57025	33307	853//	07104	83706	88610		817	80904	48022	33206	853//	06106	83709	88617	817	00081	000	+		+			
Culdrose	809	81506	60052	33608	863//	07006	88707			809	81603	62052	32507	854//	06302	86711	88620	809	00081	000	+		+			
Scilly	804	71505	63022	32609	754//	07106	87614			804	71107	63022	32709	754//	07213	87614		804	00101	000	+		+			
Elmdon	534	80406	56046	33406	854//	04105	84712	88618		534	80000	40042	34105	855//	03103	88623		534	00061	000	+		+			
Shawbury	414	70703	40042	34006	754//	05006	83712	85615	87630	414	80802	32042	34405	855//	03207	88620		414	97061	000	+		ir _o			
Manchester	334	70000	28042	33805	755//	03107	87625			334	80000	37042	34106	855//	01207	82624	88630	334	00061	001	+		+			
Squires Gate	318	20603	12104	34105	25600	04004	82632			318	70604	16101	34604	755//	04307	87629		318	00071	025	ff		+			
Valley	302	70808	69022	33007	756//	05003	86635			302	80000	48515	33307	854//	06208	87710	88623	302	91081	000	+		id _o d _o d _o			
Ronaldsway	204	11014	80011	34108	14800	05005	81818			204	71015	80030	33906	745//	03106	87620		204	00081	054	+		+			
Carlisle	222	60106	69012	35106	68440	03005	81715	86635		222	21103	62021	35503	25500	01307	81620		222	00071	036	+		+			
Watnall	354	80811	62032	33606	854//	03105	82712	88620		354	20000	48021	34602	25500	01205	82620		354	00061	000	+		ff			
Spurn Head	396	60210	74018	32706	63500	04114	84920	85630		396	50210	58012	32105	53500	04706	83920	84630	396	97070	029	pr _o		+			
Finningley	360	73608	61032	33907	784//	05108	81818	87623		360	03107	07424	34404	00900	03207			360	00071	002	+		ff			
Dishforth	261	10111	40051	34006	15500	05003	81625			261	73106	40051	34704	756//	03206	87633		261	00071	027	+		+			
Tynemouth	262	13413	61020	34106	12600	05106	81830			262	63409	58021	34706	60571	04307	86358		262	00061	035	+		+			
Eskdalemuir	162	60501	70011	35404	685//	01110	82820	86630		162	50601	74011	35403	55400	01105	83714	85625	162	00							

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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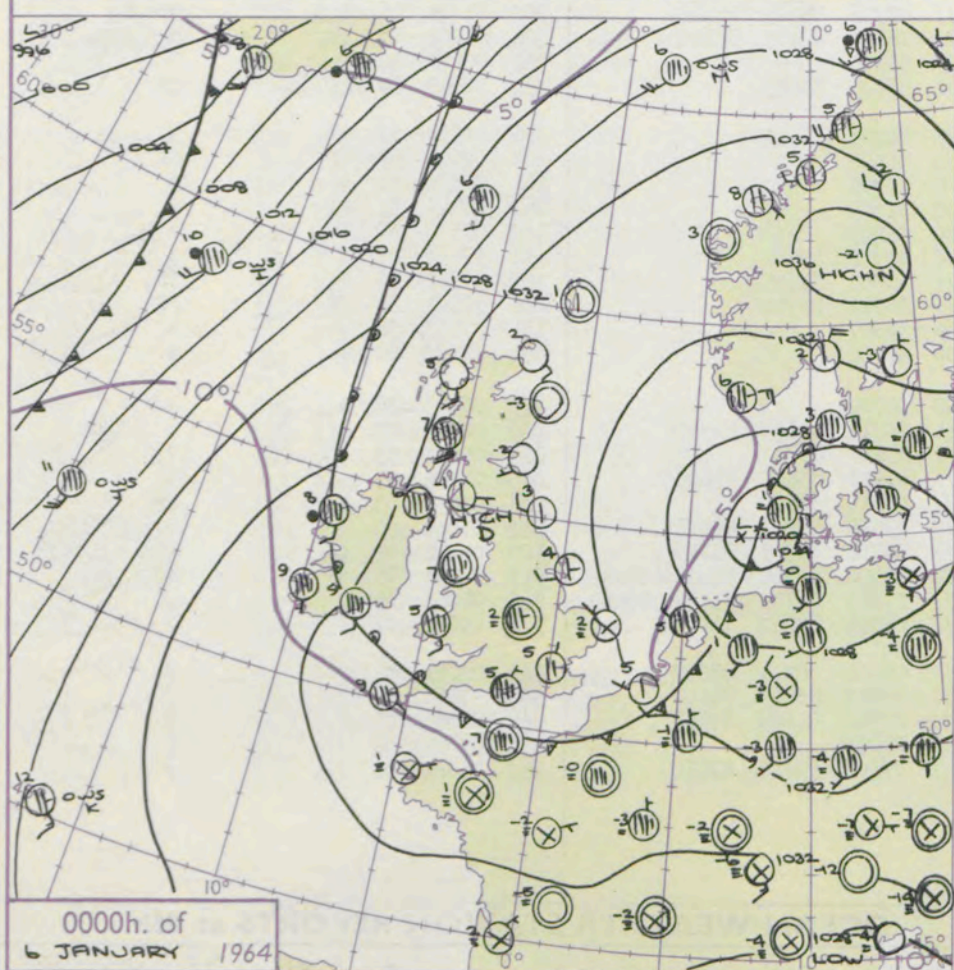
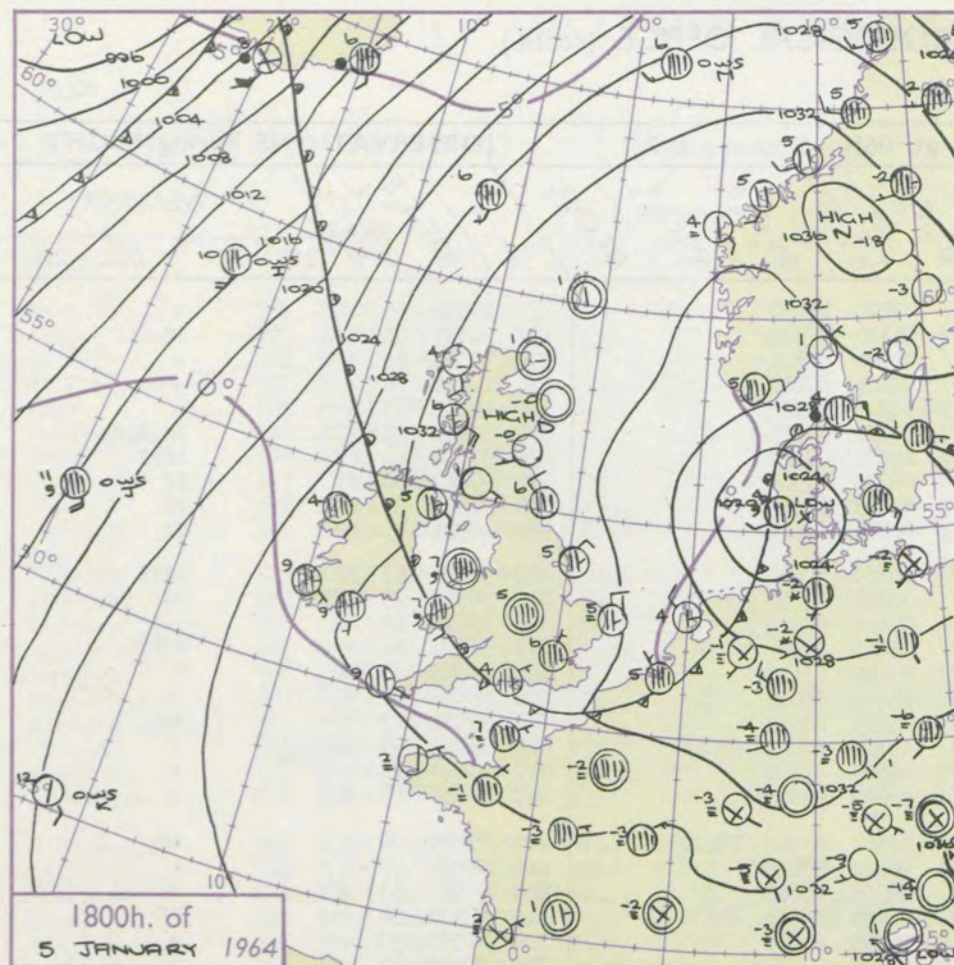
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additional
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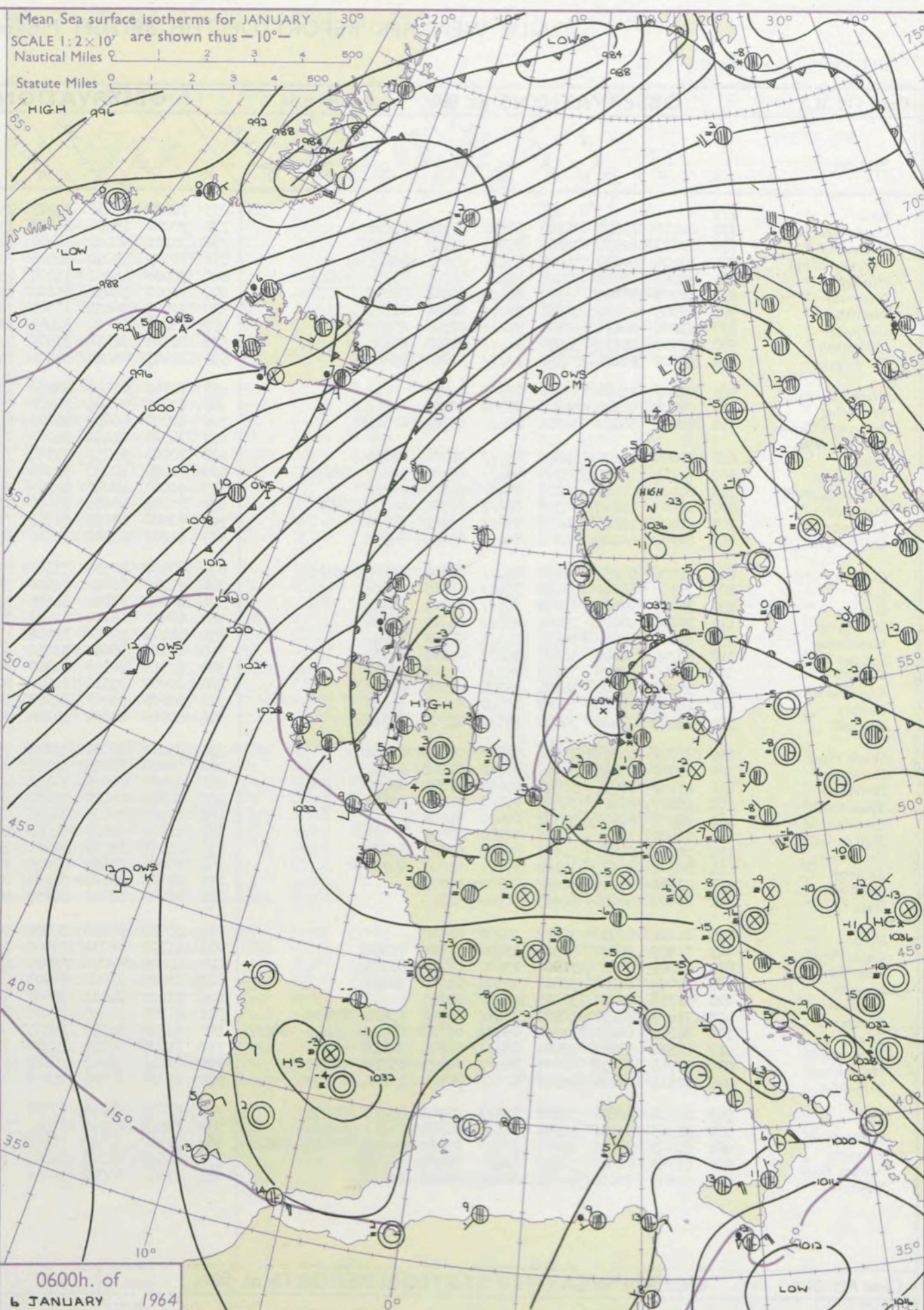
48-52



GENERAL SYNOPTIC DEVELOPMENT

The anticyclone which was centred near Scotland yesterday now has centres over Scandinavia and southern England and these are expected to be slow moving. The cold front which moved south into north Germany yesterday, continues to move southeast. A small depression has moved southwards into the Helgoland Bight and is expected to move over central Germany. A weak warm front, now over Cornwall and Ireland and west of the Faeroes, is expected to move slowly east across Scotland.

Issued at midday Monday 6 January 1964



0600h. of 6 JANUARY 1964 FORECAST for Great Britain and Northern Ireland until noon tomorrow

Cloud and occasional rain over Cornwall, west Wales, Ireland and the Western Isles extending slowly into Scotland bringing a slow rise in temperatures. Sunny periods over England, except the east, central Wales and southeast Scotland with frost and fog nearly everywhere at night and very persistent in the north. Cloudy and rather cold with a few showers in eastern England.

OUTLOOK for the following 24 hours.

Rather cloudy with near normal temperatures in the northwest. Rather cold elsewhere with night frost and fog, especially in central districts. Cloudy in the southeast.

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

Code FM II.A OBSERVATIONS at 00h. 6 January 1964										OBSERVATIONS at 06h. 6 January 1964										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	RRRT _n E	T _g T _g	WEATHER								
																						21h.—03h.	03h.—09h.							
Kew	775			05						775	70000	28052	34203	75711	02400	87650				775	97031	55	+	+	40					
London Airport	772	40101	62012	34705	45500	02601	84628			772	70000	15104	34302	75611	01703	87631				772	00021	53	+	if	39					
Gatwick	776	70602	62031	34604	75511	01103	87625			776	72101	56102	34202	75511	02701	87629				776	97011	52	+	+	38					
Thorney Island	871	80201	50052	34505	85511	03801	88623			871	70701	48052	34504	75511	03101	87627				871	00031	00	+	+	37					
Hurn	862	80203	37042	34005	86411	04705	83710	88626		862	80000	48052	33704	85511	03203	88626				862	00031	03	+	+	36					
Guernsey	894	80703	61022	33907	86411	06000	88710			894	80000	58052	33606	85411	04602	87615				894	92061	05	+	id _o d _o d _o	35					
Wattisham	590	92905	F9474	34001	91111	01801	89100			590	72907	06424	33301	76011	01501	87700				590	97001	54	FF	ifff	34					
Gorleston	497	93206	04474	32902	91111	02506	89102			497	33211	56104	32403	30970	02606	83360				497	97011	50	ff	ff	33					
Mildenhall	578	92702	01434	34250	91111	50400	89101			578	92502	01434	33501	91111	01703	89101				578	91501	53	FF	FF	32					
Cardington	559	90000	F2474	34952	91111	52000	89101			559	72403	08424	34501	75511	01604	87626				559	00521	55	FF	ff	31					
West Raynham	485	03207	23100	33702	00900	02803				485	72903	02444	33100	75611	00603	87633				485	91501	53	FF	FFff	30					
Wittering	462	03006	04424	34500	00900	00806				462	72803	07464	34100	75611	00601	87632				462	00503	55	FFff	ff	29					
Boscombe Down	746	80000	58052	34904	85511	03702	88624			746	80000	56052	34703	85511	02601	88624				746	00031	02	+	+	28					
Ross-on-Wye										627	70902	01444	34003	75511	03605	87625				627	92001	51	+	ffff	27					
Bristol	628	80000	28102	34905	85511	04701	88620			628	70000	32052	33904	75511	03505	87620				628	00021	53	+	F	26					
Aberporth	502	81711	40055	33705	85411	05803	82710	88632		502	81809	40052	33205	85511	04502	88629				502	00051	03	+	+	25					
Rhoose (Cardiff)	715	80904	17102	34805	86411	05802	88712			715	80000	48052	34205	85411	04603	88617				715	97041	03	+	ir _o	24					
Plymouth	827	83505	19105	34306	86211	06704	84703	88707		827	70706	48055	33606	75411	05702	83615	87627			827	91051	03	d _o d _o id _o	+	23					
Chivenor	707	80000	28102	34605	85611	05801	88640			707	70000	48022	33705	75611	04805	87640				707	00041	02	+	+	22					
St. Mawgan	817	80907	40102	34006	85411	05400	88616			817	81209	32102	33306	85511	06602	88623				817	00051	05	+	+	21					
Culdrose	809	81006	60052	33607	85411	06801	82710	88618		809	80907	40505	33307	85211	07802	83704	88617			809	97070	06	+	id _o	20					
Scilly	804	71308	66012	33109	75411	06705	87615			804	71711	66022	32609	75411	06400	87615				804	00081	11	+	+	19					
Elmdon	534	70000	19102	35002	75511	02301	87628			534	80000	19102	34103	85511	02705	88625				534	00011	53	+	+	18					
Shawbury	414	80000	28046	35004	85511	03801	88624			414	60000	15112	34002	65411	02604	84615	84637			414	97533	54	ir _o	FF	17					
Manchester	334	80000	48042	34905	85511	01801	88627			334	11403	59011	33402	15600	01805	81630				334	00503	53	+	+	16					
Squires Gate	318	80704	14042	34803	85611	02802	88630			318	01106	28041	33452	00900	53605				318	00533	57	+	+	15						
Valley	302	80000	40025	33807	86311	07101	88708			302	81713	32535	32707	86211	07706	86703	88705			302	01071	06	d _o d _o	ddd _o d _o	14					
Ronaldsway	204	31213	56042	34006	35500	03804	83627			204	80909	23516	32607	87211	06607	84703	88704			204	01061	05	ir _o	d _o d _o d _o r _o	13					
Carlisle	222	10000	61020	35852	15600	53101	81640			222	00805	58021	34253	00900	54804				222	00543	56	+	+	12						
Watnall	354	73503	07424	34902	75511	02702	87624			354	50000	28034	34200	55600	51703	85635				354	00513	57	ff	if	11					
Spurn Head	396	32711	48021	33604	35600	03803	83630			396	73210	48021	32703	75611	01703	87640				396	00030	11	+	+	10					
Finningley	360	33008	05444	34802	35600	01802	83631			360	00000	07424	34151	00900	51502				360	00523	57	ff	ff	9						
Dishforth	261	43106	58051	34803	45600	01804	84630			261	03407	62010	34152	00900	52705				261	00531	56	+	+	8						
Tynemouth	262	22910	61021	34803	25600	01400	82640			262	02813	66020	33601	00900	51605				262	00011	52	+	+	7						
Eskdalemuir																														

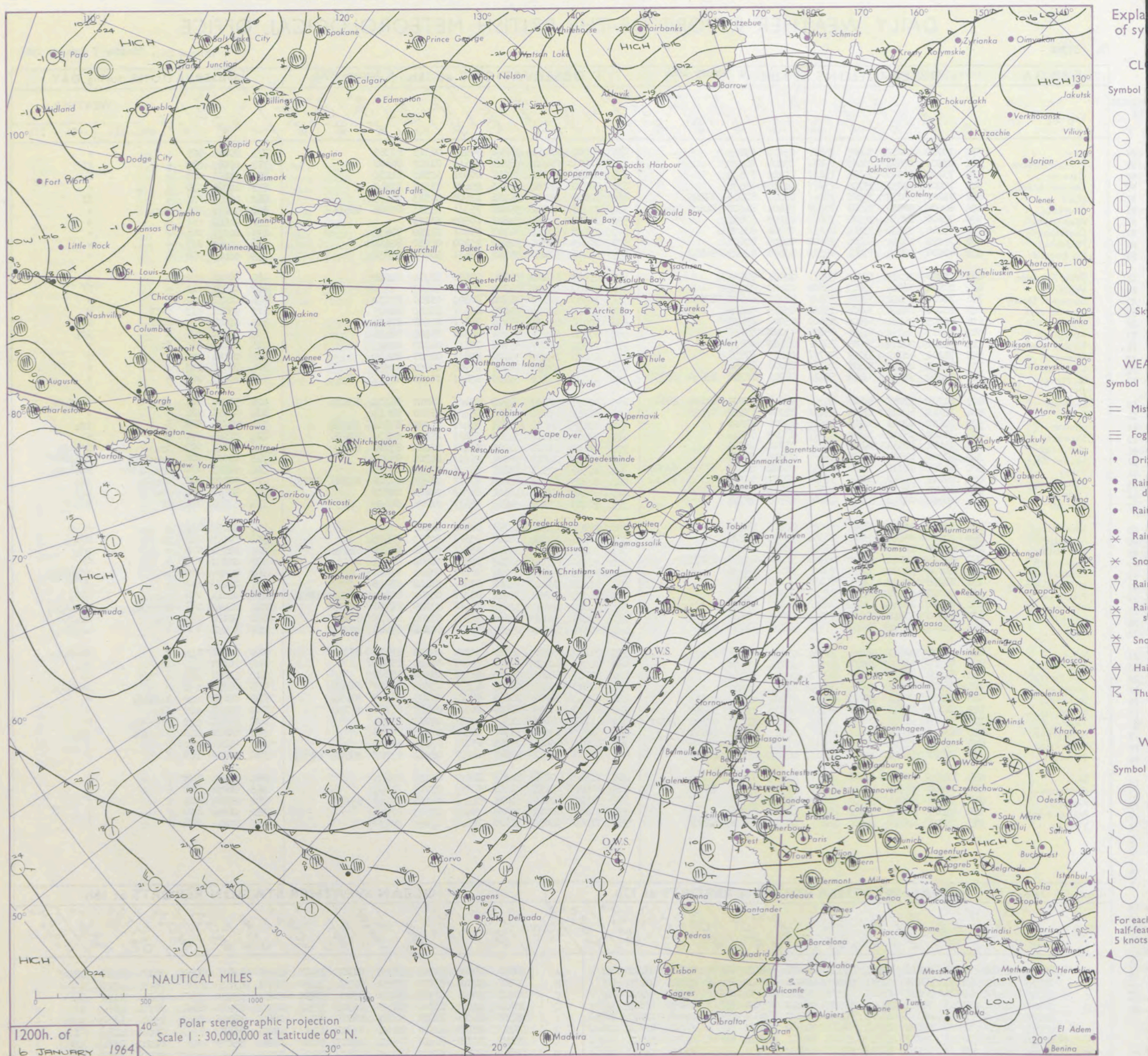
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37301

Date of Issue Tuesday 7 January 1964

Code FM II.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										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	RRT	T x E	SSS	WEATHER								
																							09h.—15h.	15h.—21h.							
Kew	775	70000	20052	34805	756/1	03802	87635			775	30000	27051	35702	30950	00315	83359			775	00063	006	+		+							
London Airport	772	82902	28052	35605	856/1	03104	88640			772	62601	29041	35903	656/1	01213	86640			772	00063	010	+		ff							
Gatwick	776	73102	59022	35405	756/1	01202	87632			776	10000	59011	35951	00901	52310	81070			776	00061	003	+		+							
Thorney Island	871	70000	57052	35705	756/1	02000	87636			871	20000	62011	36203	25600	01212	82640			871	00071	020	+		+							
Hurn	862	71202	39052	35505	755/1	03001	82620	87625		862	10000	28041	36101	15600	00313	81635			862	00063	///	+		if							
Guernsey	894	80000	56055	34507	7557/	05001	84620	86640	88458	894	71207	40052	35206	753/1	05313	85709	86615			894	91071	001	dodo		+						
Wattisham	590	73008	28054	34503	756/1	01103	87630			590	02709	32051	34801	00900	51109			590	00051	///	+		+								
Gorleston	497	83210	57051	33104	855/1	02706	88628			497	73008	50052	34703	756/1	01212	87630			497	00051	005	+		+							
Mildenhall	578	22901	23054	34404	25600	02805	82640			578	22405	19051	34902	25600	00210	82640			578	00061	037	+		+							
Cardington	559	60000	15054	35204	65500	03000	82625	86640		559	32106	32101	35200	35631	50107	83630			559	00063	026	+		+							
West Raynham	485	73008	32014	33703	756/1	02001	87635			485	22707	11102	34901	25600	50310	82640			485	00041	002	+		+							
Wittering	462	20000	30014	35003	25600	01003	82632			462	00000	14100	34700	00900	50103			462	00053	040	+		ff								
Boscombe Down	746	70000	35052	35404	755/1	02001	81620	87632		746	30000	32051	36202	00902	01210	83072			746	00051	007	+		+							
Ross-on-Wye	627	10000	02424	34803	15600	03103	81635			627	80000	24054	34805	855/1	04210	88625			627	97061	012	ifff		+							
Bristol	628	52305	16054	34906	55600	03002	85635			628	70000	08424	35105	756/1	03108	87635			628	00071	041	ifff		ff							
Aberporth	502	61715	56052	34106	65800	03008	86657			502	81808	48051	34106	855/1	05105	88626			502	97071	021	+		ido							
Rhoose (Cardiff)	715	71202	20046	35205	756/1	05003	87635			715	71204	20042	35505	756/1	04209	87645			715	97061	003	ir0		+							
Plymouth	827	71104	48042	35007	757/1	05003	87656			827	80000	14042	35006	856/1	04307	88630			827	00081	009	+		+							
Chivenor	707	70905	48022	34607	757/1	05000	87656			707	20000	28051	35105	25700	03206	82656			707	00091	033	+		+							
St. Mawgan	817	71410	56022	34608	5547/	06205	81715	85630	87358	817	61407	56012	34707	656/1	05110	86634			817	00081	002	+		+							
Culdrose	809	81307	57052	34108	853/1	07105	83709	84618	88628	809	80301	57205	34507	854/1	06210	86712	88620			809	97090	001	ido		ido	dodo					
Silly	804	72011	64022	33709	3547/	05210	83618	87358		804	81817	65032	34408	854/1	06310	88618			804	00091	014	+		+							
Elmdon	534	22207	44041	34506	12530	03001	81820			534	82005	15041	34805	854/1	04209	85714	88628			534	97071	050	+		ir0						
Shawbury	414	70000	16104	34304	756/1	03000	87645			414	70000	14042	34305	756/1	05106	83630	87656			414	00061	000	FF		+						
Manchester	334	81104	17041	34104	864/1	01201	88710			334	81602	17216	34005	853/1	03205	83707	88619			334	97051	009	ir0		ir0	ido					
Squires Gate	318	81004	09041	34002	856/1	02802	88630			318	91607	04515	33504	91/1	04305	89102			318	01051	000	dodo	ffff		dodo	ffff					
Valley	302	81717	48035	33107	7633/	06400	82707	87710	88362	302	81716	32505	33207	862/1	07307	88705			302	97081	000	dddodo	ido		ido	dodo					
Ronaldsway	204	82112	56212	32709	5537/	07002	82708	84615	86362	204	82307	60025	32209	873/1	08303	82706	84708	88714		204	97091	000	ir0	ido		ido					
Carlisle	222	80000	58031	34200	1557/	52101	81625	88458		222	80000	14056	33402	863/1	00601	88709			222	97021	000	ir0			ir0						
Watnall	354	20000	04044	34704	26400	01802	82710			354	80000	03604	34603	855/1	02206	88622			354	97051	014	ff			ir0	ff					
Spurn Head	396	83211	20102	33204	856/1	02205	88635			396	02707	12051	34003	00900	01206			396	00050	021	+			+	+						
Finningley	360	20000	05424	35000	00901	51000	82075			360	71904	04044	34401	755/1	50103	87625			360	97043	018	ff			ff	ir0					
Dishforth	261	10702	22040	34401	15781	52801	81650			261	80000	23211	33501	855/1	00301	84620	88630			261	91031	039	+		ir0						
Tynemouth	262	52505	11041	34003	30976	51400	83358	85275		262	80000	04044	32703	855/1	01400	88625			262	00041	033	+			ff						
Eskdalemuir	162	80000	70021	34451	856/1	53002	88635			162	91502	F9476	33000	91/1	00801	89100			162	94023	000	ir0			ido	FFir0					
Mull of Galloway	131	81810	32505	32406	874/1	06400	88710																								

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

izzle
h and
rizzle

h and snow
w
h shower
h and snow
hower

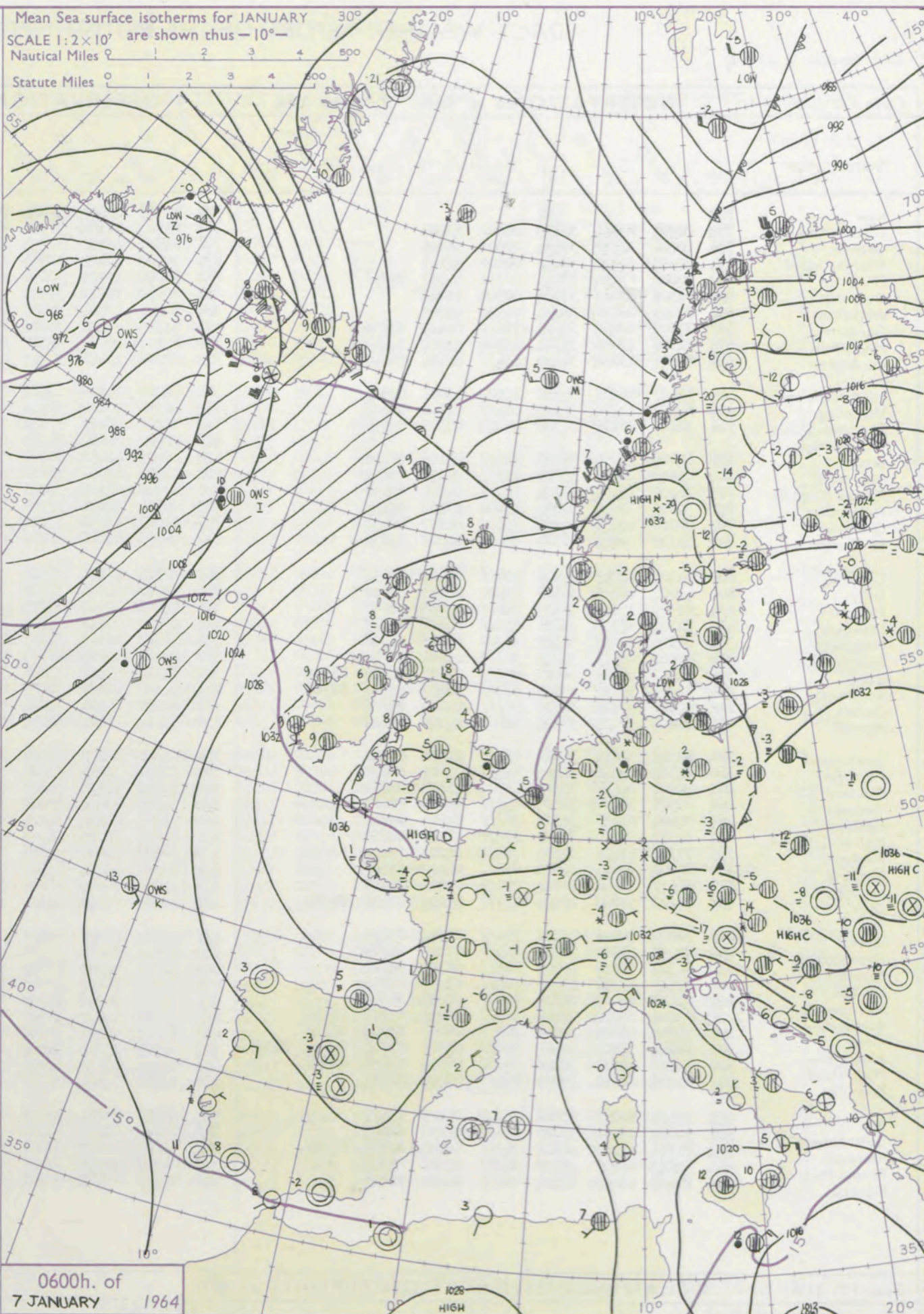
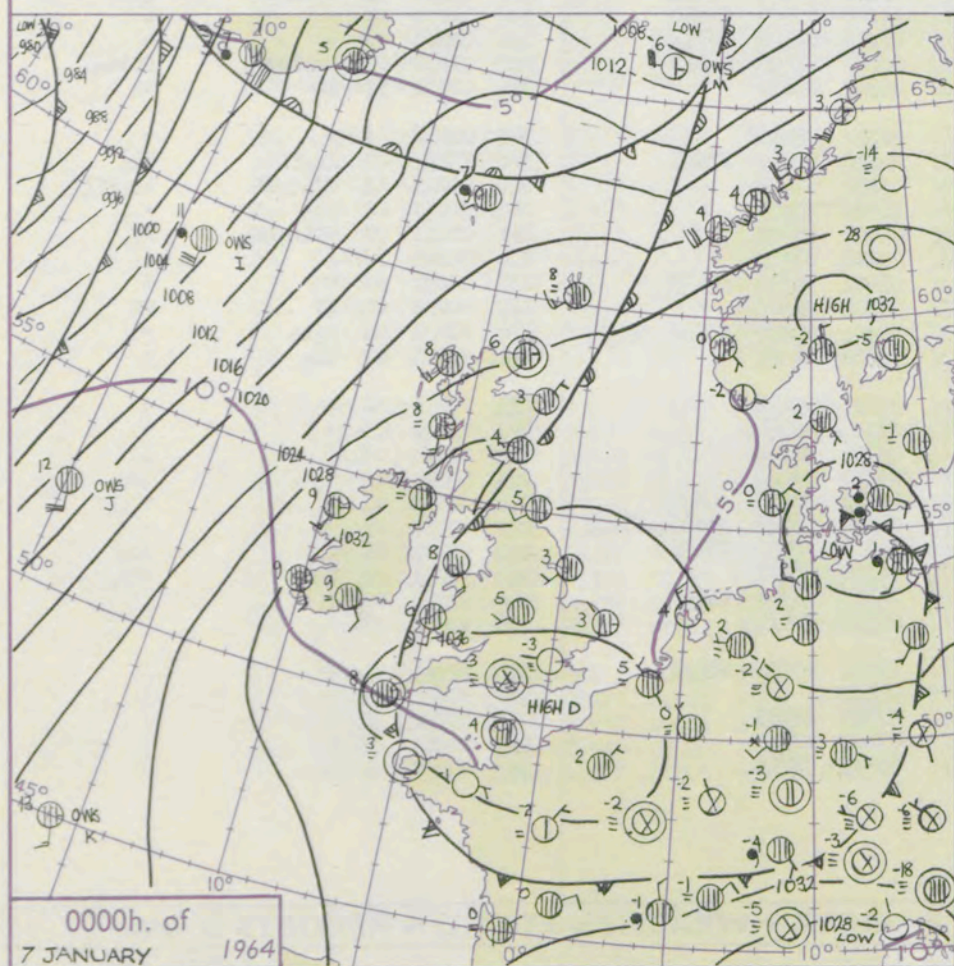
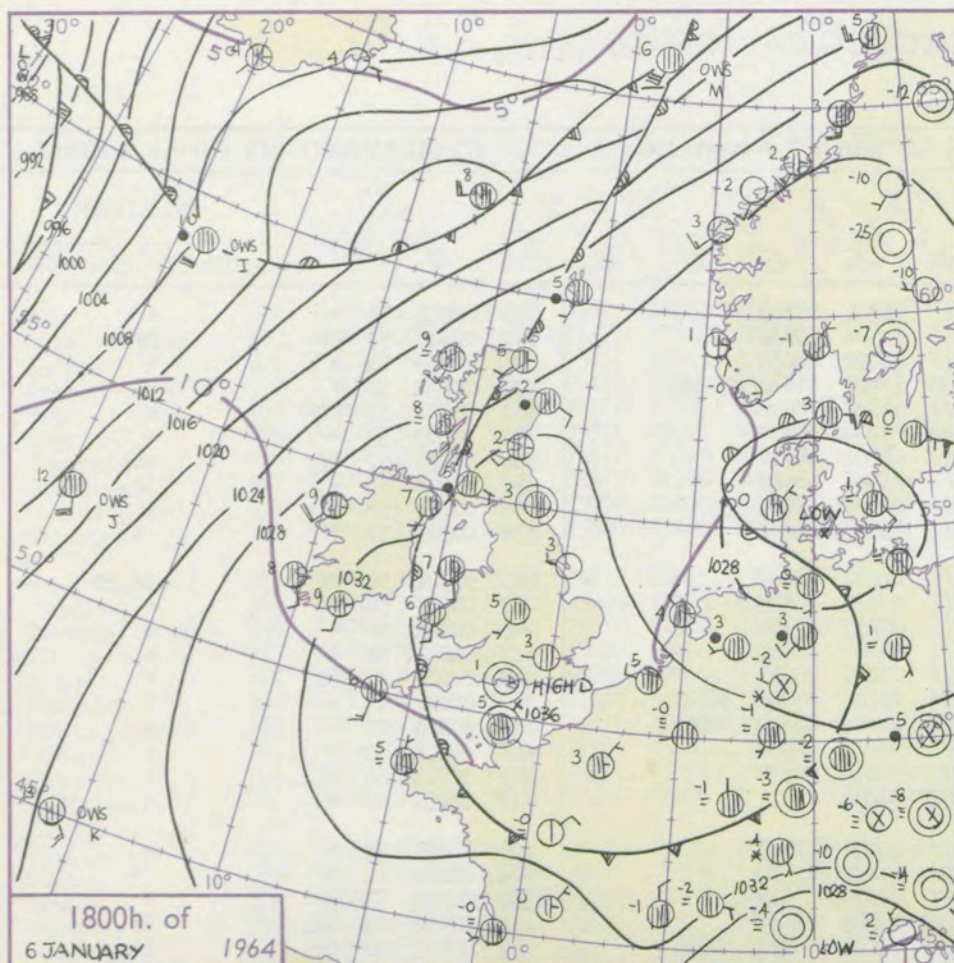
w shower
understorm

IND
Wind
speed
(knots)

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

additional
her add

48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 7 January 1964

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The anticyclone which was centred over southern England yesterday has drifted slowly south and is now expected to be slow moving over the Channel for at least the next 24 hours. A weak warm front crossed Scotland yesterday and is expected to move very slowly south with further weakening. A depression which approached Iceland from the southwest yesterday is expected to move quickly northeast and will not affect the British Isles.

Most areas will be cloudy but local breaks are expected. The weather will be mainly dry and there will be a good deal of haze in the Midlands and southern England. Tonight frost and fog will occur locally. Temperatures will be above normal in northern districts and below normal in the south.

OUTLOOK for following 24 hours
Little change.

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

Code FM II.A										OBSERVATIONS at 00h. 7 January 1964										OBSERVATIONS at 06h. 7 January 1964										OBSERVATIONS during NIGHT				CONV TA °C t
Station	ill	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	ill	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	ill	RRT _n T _n E	T _g T _g	WEATHER												
																						21h.—03h.	03h.—09h.											
Kew	775				51					775	82302	48022	36701	86511	51201	88720				775	00531	58	+	+	40									
London Airport	772	02701	F3464	37253	00900	53207				772	81903	20104	37100	85611	51500	88632				772	00541	57	FF	FF	39									
Gatwick	776	00000	32110	37454	00900	55005				776	81002	48100	37353	85611	54302	88636				776	00563	61	+	+	38									
Thorney Island	871	00301	32100	37651	00900	51105				871	30000	23100	37853	15630	53400	81640	83359			871	00531	58	+	+	37									
Hurn	862	90000	F7494	37553	91111	54207	89111			862	80000	19104	37650	85511	51101	88625				862	97541	57	ffff	+	36									
Guernsey	894	01508	66011	37004	00900	01102				894	50000	78031	37803	55700	01204	85650				894	00023	53	+	+	35									
Wattisham	590	02405	20100	36452	00900	52205				590	82308	23504	36001	85411	50602	88616				590	97531	57	1f	id ₀	34									
Gorleston	497	73201	56052	35603	75611	00105	87630			497	82709	48501	34802	85511	01706	88625				497	97001	53	+	id ₀	33									
Mildenhall	578	41906	19051	35701	45500	51002	84623			578	82107	20051	35302	85511	01602	88628				578	00011	53	+	+	32									
Cardington	559	82207	15054	36450	85611	51104	88640			559	82207	14042	36303	85611	02400	88634				559	00521	57	ff	+	31									
West Raynham	485	12206	08460	35552	15500	52001	81625			485	82208	14205	34901	85411	01704	88617				485	97521	58	ff	id ₀ ff	30									
Wittering	462	82407	14104	35401	85411	01102	88618			462	82508	20102	35204	85511	03702	88622				462	00511	58	f	+	29									
Boscombe Down	746	32101	20101	37300	35700	00105	83656			746	72202	48051	37301	75711	00803	87656				746	00511	56	+	+	28									
Ross-on-Wye										627	80000	24052	36405	85611	04400	88620				627	00041	51	+	+	27									
Bristol	628	60000	15054	36704	65611	03105	86640			628	80000	48052	36705	85611	03102	88645				628	00031	01	ff	+	26									
Aberporth	502	81810	48055	35606	85511	04107	88620			502	81503	28052	36006	85211	06705	83705	88620			502	00061	05	+	+	25									
Rhoose (Cardiff)	715	70000	14102	36704	75711	04106	87656			715	80000	28102	37005	85511	04101	86620	88656			715	00031	01	+	+	24									
Plymouth	827	50903	37042	36804	55600	03102	85643			827	80000	40041	37304	85611	03102	88636				827	00031	52	+	+	23									
Chivenor	707	80000	40051	36905	85611	04207	88633			707	21005	40051	37302	20930	01203	82360				707	00011	51	+	+	22									
St. Mawgan	817	51110	40021	36504	55600	04003	85632			817	00909	48010	37202	00900	02204				817	00011	50	+	+	21										
Culdrose	809	81105	64022	35906	85611	05001	88630			809	70705	56101	36505	75511	04000	87622				809	00051	51	+	+	20									
Scilly	804	40000	66030	36108	45400	06103	84616			804	31007	66011	36108	35500	06601	83620				804	00061	11	+	+	19									
Elmdon	534	82305	15046	35505	85611	04203	88637			534	72303	40042	35705	75511	04500	87629				534	00031	51	+	+	18									
Shawbury	414	81702	58502	35406	85511	04006	88623			414	20000	03412	35604	25600	04802	82638				414	97001	52	id ₀	1f	17									
Manchester	334	81906	19045	34905	86311	03205	88708			334	81803	19105	35105	85311	04400	86707	88615			334	97051	05	id ₀	id ₀	16									
Squires Gate	318	90000	04515	34805	91111	05206	89104			318	80000	05465	35305	85311	05400	84709	88624			318	91031	51	d ₀ d ₀ ff	ffff	15									
Valley	302	81617	48025	34908	85211	07107	84705	88622		302	71810	57012	35408	75311	08203	83707	87622			302	00071	07	+	+	14									
Ronaldsway	204	82308	59022	33809	87311	08105	85707	88710		204	82312	62022	34509	86311	07202	84709	88712			204	00081	07	+	+	13									
Carlisle	222	90000	07606	34502	91111	02102	89111			222	80000	14286	34604	87211	03802	87705	88623			222	91011	01	ir ₀ ff id ₀	ff id ₀	12									
Watnall	354	82607	07446	35304	85511	03105	88625			354	52711	17104	34304	55600	04808	85632				354	00031	52	ff	ff	11									
Spurn Head	396	82306	12051	34304	86411	01601	88710			396	82308	10042	32204	86411	02707	88710				396	00010	11	+	+	10									
Finningley	360	81702	05444	34703	85511	03001	88624			360	72910	32046	33706	75511	04810	83623	87656			360	97021	01	ir ₀ ff	ir ₀	9									
Dishforth	261	20000	02466	34101	25700	01102	82650			261	72004	02426	33803	75711	03502	87656				261	91011	51	ffir ₀ FF	ir ₀ FFff	8									
Tynemouth	262	82508	16214	30005	85511	04801	88625			262	72817	61028	33008	75611	06305	87635				262	91031	02												

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

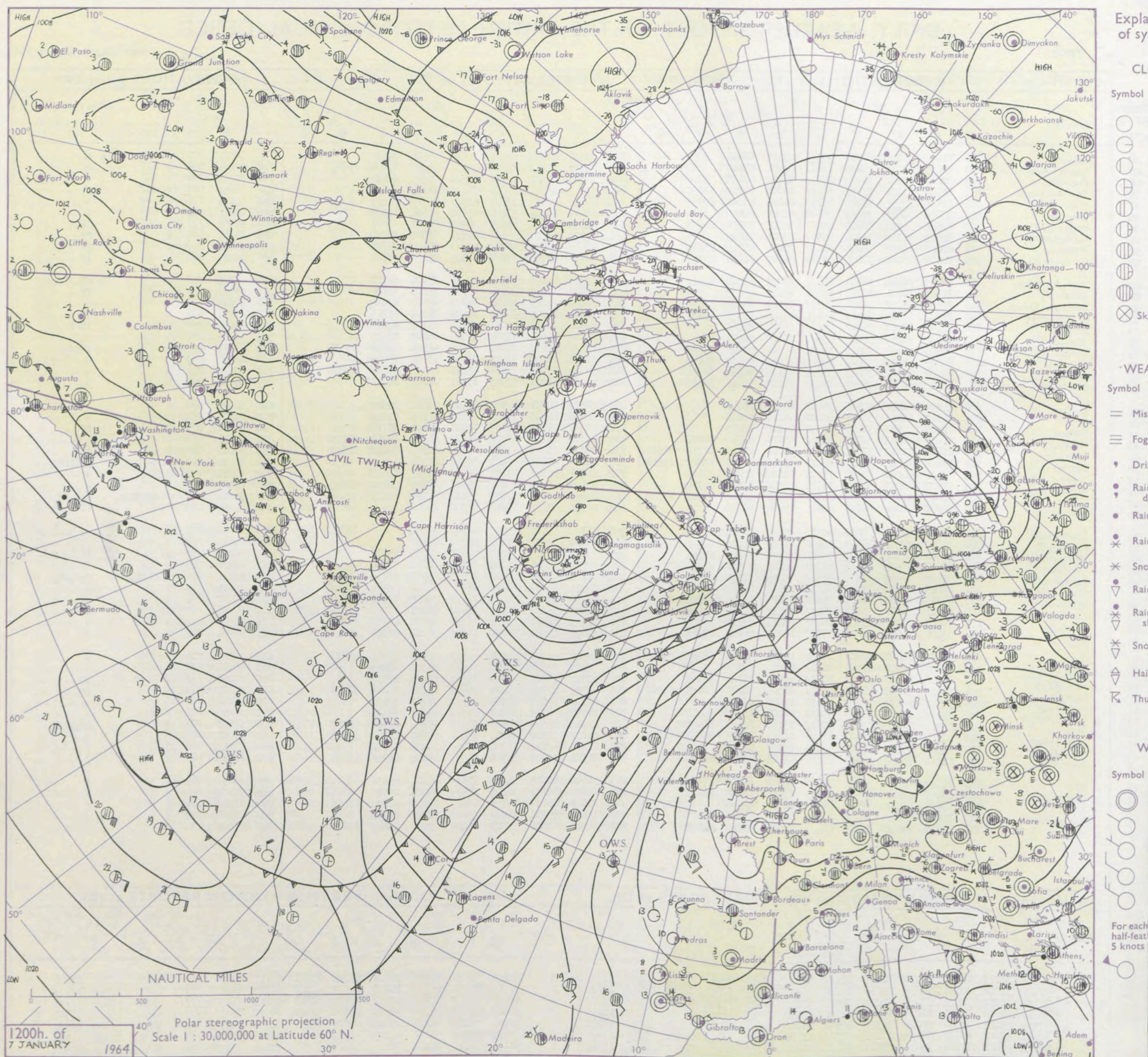
No. 37302

Date of Issue Wednesday 8 January 1964

VERSION
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Code FM II.A		OBSERVATIONS at 12h.										7 January 1964										OBSERVATIONS at 18h.										7 January 1964										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwWW	PPPTT	N _h Ch _s 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 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 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	72406	17052	37904	75511	03310	87625				775	70000	09444	37405	75511	03304	87625				775	00061	000	+							ff															
London Airport	772	72103	20042	38104	75611	02206	87640				772	71601	16042	37604	75411	03205	82712	87629			772	00061	000	+						+																
Gatwick	776	82201	40102	38502	85611	01009	88635				776	70000	17101	37701	75511	01301	87625			776	00051	000	+						+																	
Thorney Island	871	80000	09424	39103	85411	02006	81710	88650			871	83303	15044	37505	85611	04703	88632			871	00051	000	1f						f																	
Hurn	862	73502	13051	39005	55731	03005	85650	87358			862	83604	32052	37906	85511	04302	88627			862	00071	111	+						+																	
Guernsey	894	20000	70011	38707	25600	01000	82644				894	20606	66011	37406	15502	03804	81625			894	00071	045	+						+																	
Wattisham	590	82608	15055	36903	85411	02106	87710	88630			590	02804	F4464	36601	00900	01003				590	97051	111	+						FF																	
Gorleston	497	82807	11102	36604	85511	03004	88620				497	93209	F7474	35805	91111	05000	89102			497	00051	000	ff						FF																	
Mildenhall	578	82407	14052	36605	85411	03004	84710	88630			578	92305	F7474	36804	91111	03203	89101			578	97071	000	+						FF																	
Cardington	559	52606	23042	37406	15732	04009	81650	83358			559	82607	23051	37207	86311	05103	88708			559	00081	006	+						1f																	
West Raynham	485	82707	06444	36004	85211	03003	85704	88612			485	92605	F2454	36403	91111	03400	89100			485	00061	000	ff						FF																	
Wittering	462	72705	17041	37306	55631	05111	85635				462	22808	14101	36903	00901	03105	82075			462	00081	035	+						ff																	
Boscombe Down	746	70000	26052	38804	75511	03103	83625	87650			746	70000	21052	38006	75611	05302	87632			746	00071	000	+						+																	
Ross-on-Wye	627	72302	17101	38105	65411	05108	81710	85630			627	10000	17101	38005	16400	04308	81715			627	00091	008	+						1f																	
Bristol	628	72702	40051	38507	75611	05007	87640				628	20000	08464	38004	00901	03103	82075			628	00071	000	+						ffff																	
Aberporth	502	81910	48052	38107	85511	06008	88625				502	71704	28052	37707	75511	06203	87625			502	00081	000	+						+																	
Rhoose (Cardiff)	715	52906	48041	38507	55601	05005	82630	83656			715	73005	02412	38005	15608	04101	81630	87275		715	97071	013	+						1f1f																	
Plymouth	827	62208	48042	38808	68511	05004	82822	86630			827	30000	16041	38105	00901	03101	83075			827	00081	006	+						+																	
Chivenor	707	60000	32051	38907	45632	04106	84638	84360			707	30000	32051	38403	15601	02303	81640	83075		707	00081	027	+						+																	
St. Mawgan	817	71703	61021	38807	75411	05110	81615	87635			817	11005	61011	37903	15601	02002	81635			817	00081	026	+						+																	
Culdrose	809	21809	62051	38507	28400	03010	81815				809	20704	64051	37804	21500	02304	82820			809	00080	068	+						+																	
Scilly	804	41513	66011	38109	41400	05211	84814				804	21411	64020	37705	21400	01305	82814			804	00101	057	+						+																	
Elmdon	534	72506	11281	37607	00902	06108	87075				534	23406	19041	37407	26400	05102	82710			534	00081	000	ff						ff																	
Shawbury	414	51002	40044	37707	15742	06010	81650	84075			414	80000	40101	37706	85411	06301	83712	88620		414	00091	033	1f						+																	
Manchester	334	83603	23042	37408	85411	05010	81710	86715	88630		334	80000	28042	37407	85411	06205	84618	88627		334	00081	000	+						1f																	
Squires Gate	318	73604	05424	37307	65411	07010	81710	83617	85640		318	00000	F7464	37402	00900	02205				318	00091	011	ffff						fffff																	
Valley	302	72111	66022	37309	75411	08007	81618	87640			302	81808	62022	37408	85511	08105	88625			302	00091	000	+						+																	
Ronaldsway	204	72407	62022	36510	76311	08108	81709	87712			204	82402	60011	36609	85411	08005	82714	88624		204	00101	022	+						+																	
Carlisle	222	80000	17055	36607	86311	05107	82706	86709	88715		222	82207	28506	36707	85411	06205	88613			222	91081	000	ffd _o r _o d _o d _o					d _o d _o ld _o																		
Watnall	354	62706	07044	36607	00901	05008	86070				354	02704	05424	36605	00900	04002																														

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
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

1-2

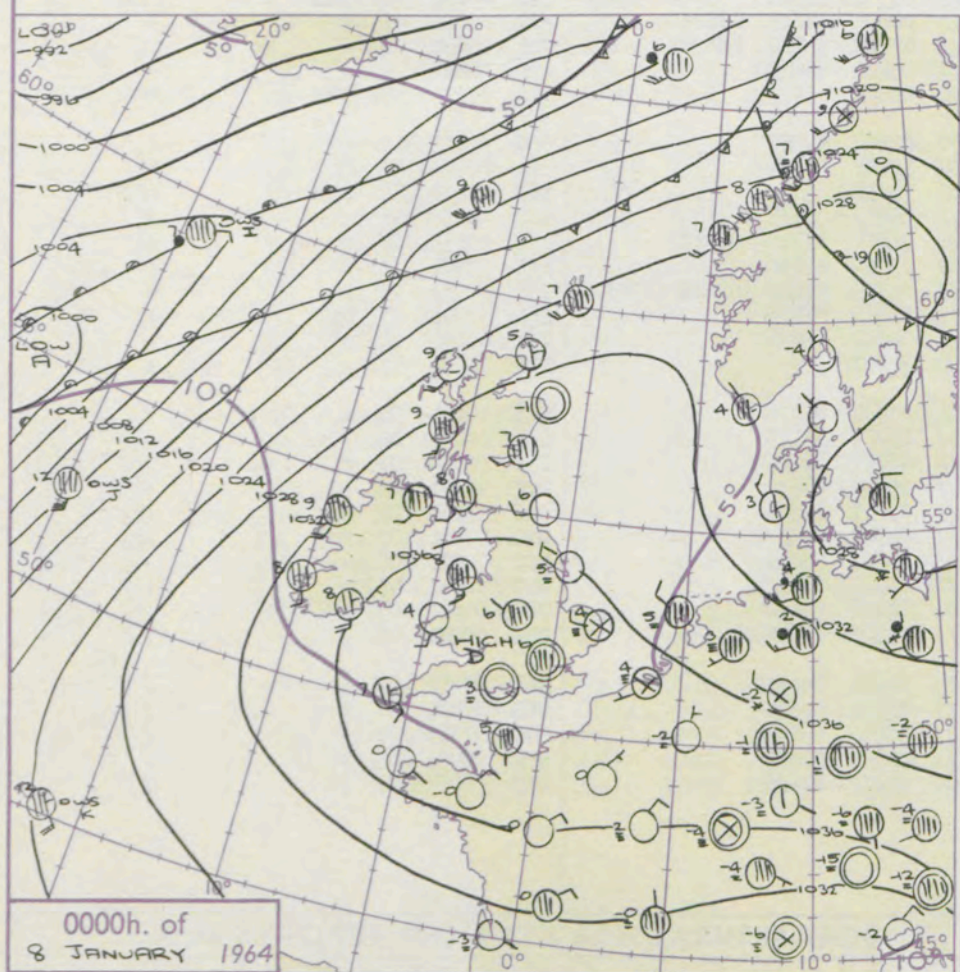
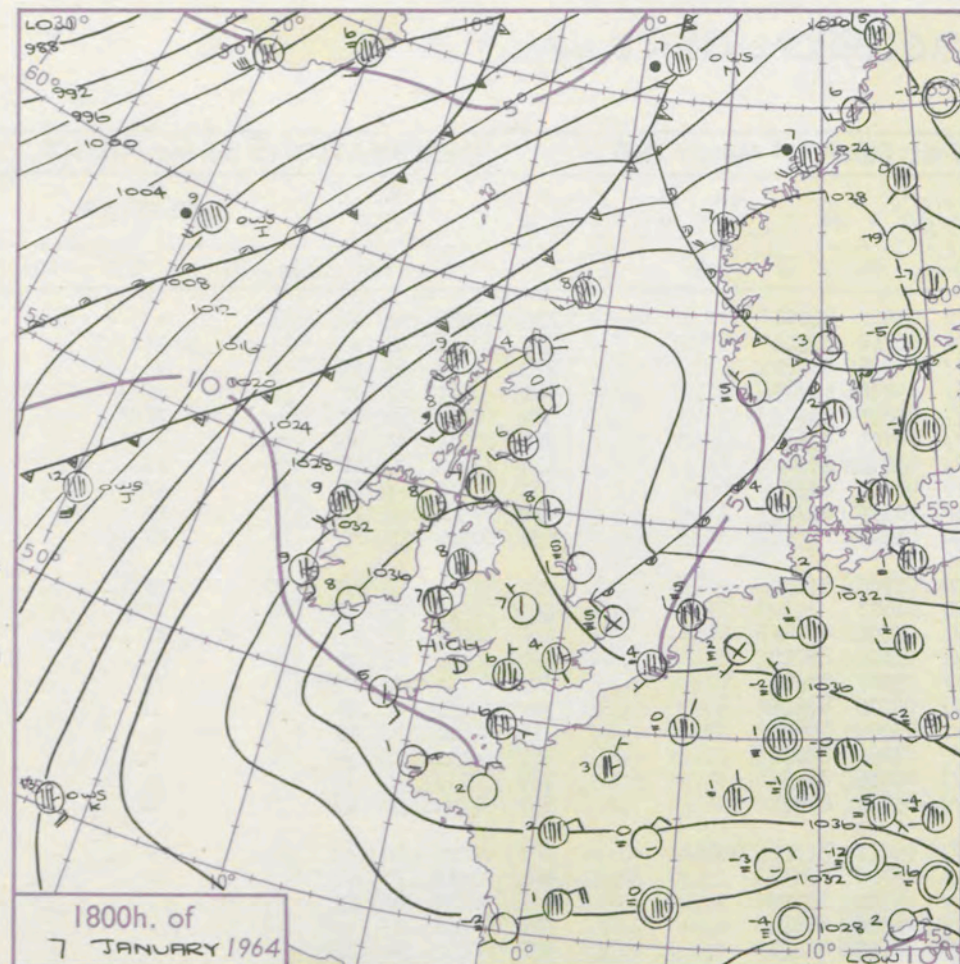
3-7

8-12

13-17

additional
er add

48-52



GENERAL SYNOPTIC DEVELOPMENT

The anticyclone centred over southern England this morning is expected to drift very slowly southeast over the Channel with slight fall of central pressure, but England will remain in the anticyclonic circulation. The double cold front lying west and north of the British Isles will remain clear of the country for the next 24 hours as a secondary depression south of Iceland moves quickly northeast.

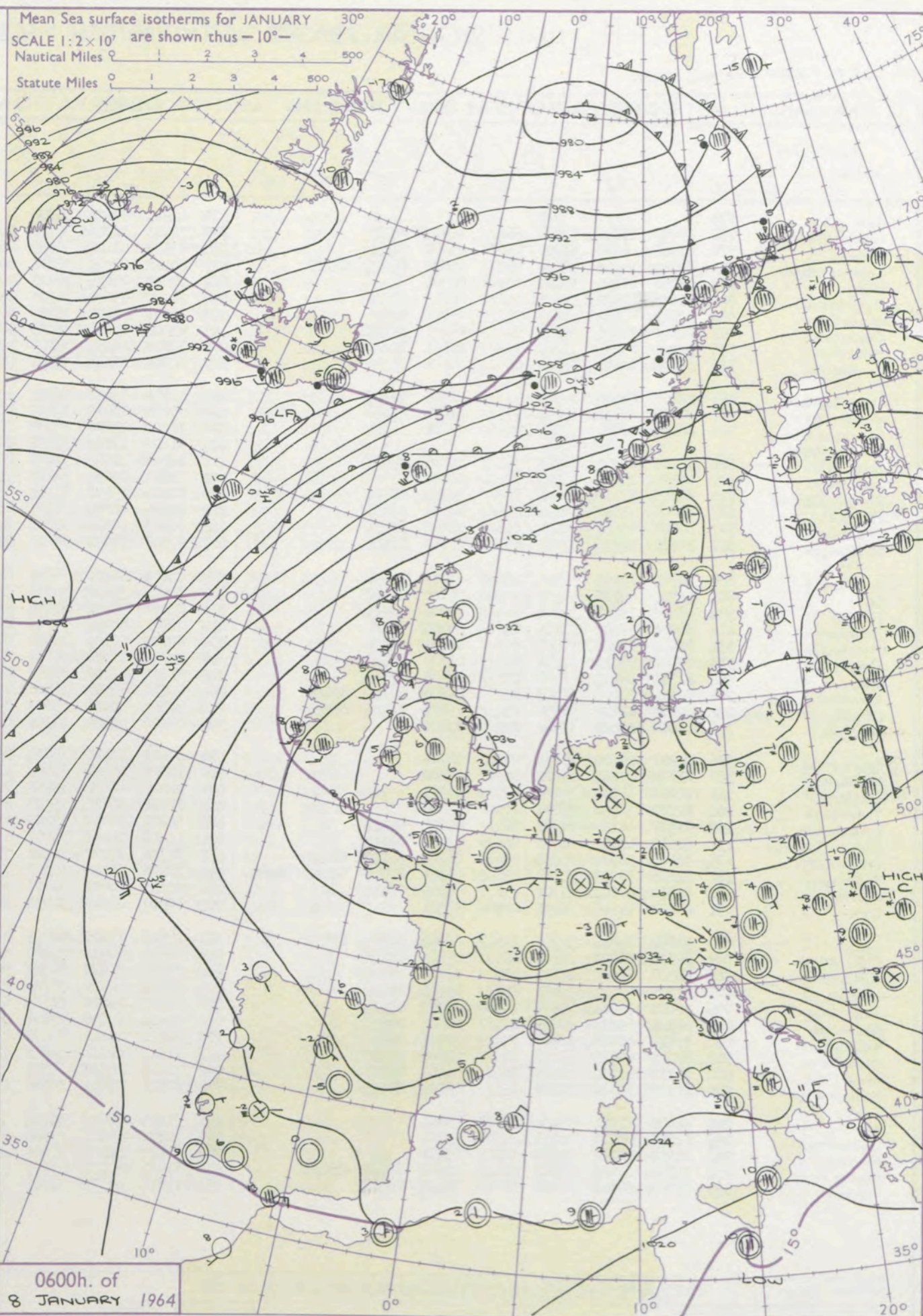
Issued at midday Wednesday 8 January

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most areas will be cloudy and mainly dry except in northwest Scotland where there will be rain at times. The area of fog over many eastern and some southern districts will persist in many places throughout the period. Temperatures will be near or a little above normal in western districts but below normal in the east.

OUTLOOK for the following 24 hours.
Little change.



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

Code FM II.A OBSERVATIONS at 00h. 8 January 1964										OBSERVATIONS at 06h. 8 January 1964										OBSERVATIONS during NIGHT					CONV TA °C	
Station	iii	Nddff	VVwwwW	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	VVwwwW	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 _n T _n E	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Kew	775			07						775	42903	60022	36706	45700	05502	84650			775	97051	52	+		+	40	
London Airport	772	80000	17042	37906	864//	05802	88710			772	72903	32042	36706	764//	05710	87712			772	00051	51	+		+	39	
Gatwick	776	83501	06464	37805	860//	05000	88701			776	83503	48104	36905	863//	05605	88709			776	97051	04	ff		+	38	
Thorney Island	871	80502	14104	38106	862//	05602	86705	88709		871	80202	20102	37406	863//	05704	88707			871	00041	02	ff		+	37	
Hurn	862	00000	20101	38403	00900	02304				862	90000	09434	37403	911//	03605	891//			862	00011	52	ff		ffff	36	
Guernsey	894	81006	63032	37805	856//	04703	88630			894	70000	63022	36705	756//	02708	87630			894	00041	02	+		+	35	
Wattisham	590	92809	F7454	37203	911//	03000	89100			590	93407	F9454	36503	911//	03602	89100			590	97011	00	FF		FF	34	
Gorleston	497	92810	F9454	36104	911//	04401	89102			497	93008	03454	36003	911//	03701	89102			497	91031	03	FF		ffff	33	
Mildenhall	578	92204	F5454	37001	911//	01501	89100			578	90000	F4454	36700	911//	00302	89101			578	97501	51	FF		FF	32	
Cardington	559	02505	14104	37904	00900	04801				559	02704	F6444	37301	00900	01501			559	00521	54	FF		FF		31	
West Raynham	485	92709	F4454	36902	911//	02305	89100			485	12906	03424	36301	15600	01703	81630			485	97511	54	FF		FFFF	30	
Wittering	462	92710	F9454	37001	911//	01804	89100			462	00000	09044	37102	00900	01603			462	97513	55	ffff		ffff		29	
Boscombe Down	746	00000	28051	38303	00900	03801				746	70000	19104	37504	763//	03604	87709			746	00011	53	ff		ff		28
Ross-on-Wye										627	81102	17102	37204	864//	03605	88710			627	00021	53	ff		+		27
Bristol	628	70000	04424	38003	755//	02805	87625			628	80000	05444	37005	854//	05507	88618			628	00011	00	FFFF		ff		26
Aberporth	502	01810	23014	38004	00900	04201				502	71705	28034	36905	755//	04705	87624			502	00031	01	ff		ff		25
Rhoose (Cardiff)	715	83505	37104	38104	855//	04702	88626			715	80102	23102	37205	855//	05602	88629			715	00021	00	ff		+		24
Plymouth	827	80000	13041	38005	856//	04804	88630			827	80905	48022	36507	856//	05604	88632			827	00041	04	+		+		23
Chivenor	707	80000	25051	38104	856//	03803	88631			707	80903	48022	36805	856//	04606	88632			707	00011	52	+		+		22
St. Mawgan	817	80602	57020	37904	855//	03803	88625			817	80909	35022	36205	855//	05809	88625			817	97011	51	+		id _o		21
Culdrose	809	20705	81021	37804	25600	03803	82630			809	81604	58022	35706	854//	05711	81712	88630			809	00020	51	+		+	20
Scilly	804	51512	64031	37307	55500	02706	85620			804	71615	79022	35308	756//	06710	87630			804	00051	//	+		+		19
Elmdon	534	83001	28024	37606	864//	05300	88713			534	83301	56022	37106	864//	05502	88712			534	00051	02	ff		+		18
Shawbury	414	80000	37042	38206	854//	05302	88618			414	82701	61022	36906	854//	04806	88614			414	00051	05	+		+		17
Manchester	334	80000	02421	37505	855//	04702	88621			334	80000	20104	36606	854//	04605	88617			334	00021	50	ffff		+		16
Squires Gate	318	80000	04444	37504	855//	04303	88623			318	82704	19284	36805	855//	05504	88620			318	00021	02	FFFF		ff		15
Valley	302	81713	58032	37408	855//	07400	88625			302	81811	61022	36608	854//	06604	82615	88622			302	00071	07	+		+	14
Ronaldsway	204	82311	74022	36509	854//	07602	82712	88628		204	82311	69022	35608	854//	05807	81712	86620			204	00081	06	+		+	13
Carlisle	222	82108	62025	36608	854//	05602	81718	88624		222	82305	62022	35707	855//	06808	88627			222	00061	05	+		+		12
Watnall	354	00000	F9464	37302	00900	02400				354	00000	03424	36701	00900	01802			354	00001	55	FFFF		FFFF		11	
Spurn Head	396	02912	16100	36005	00900	04706				396	42903	12100	35802	40930	02804	84360			396	91021	//	+		+		10
Finningley	360	01804	05464	37001	00900	00202				360	10000	05464	36451	10930	52701	81362			360	00523	55	ff		ff		9
Dishforth	261	00000	04464	36200	00900	50501				261	00000	02444	35651	00900	52812			261	00531	54	ffff		ffff		8	
Tynemouth	262	02709	58020	35806	00900	05304				262	82908	66022	35107	856//	05607	88635			262	00051	51	+		+		7
Eskdalemuir	162	82307	48105	36106	864//	05801	88712			162	8															

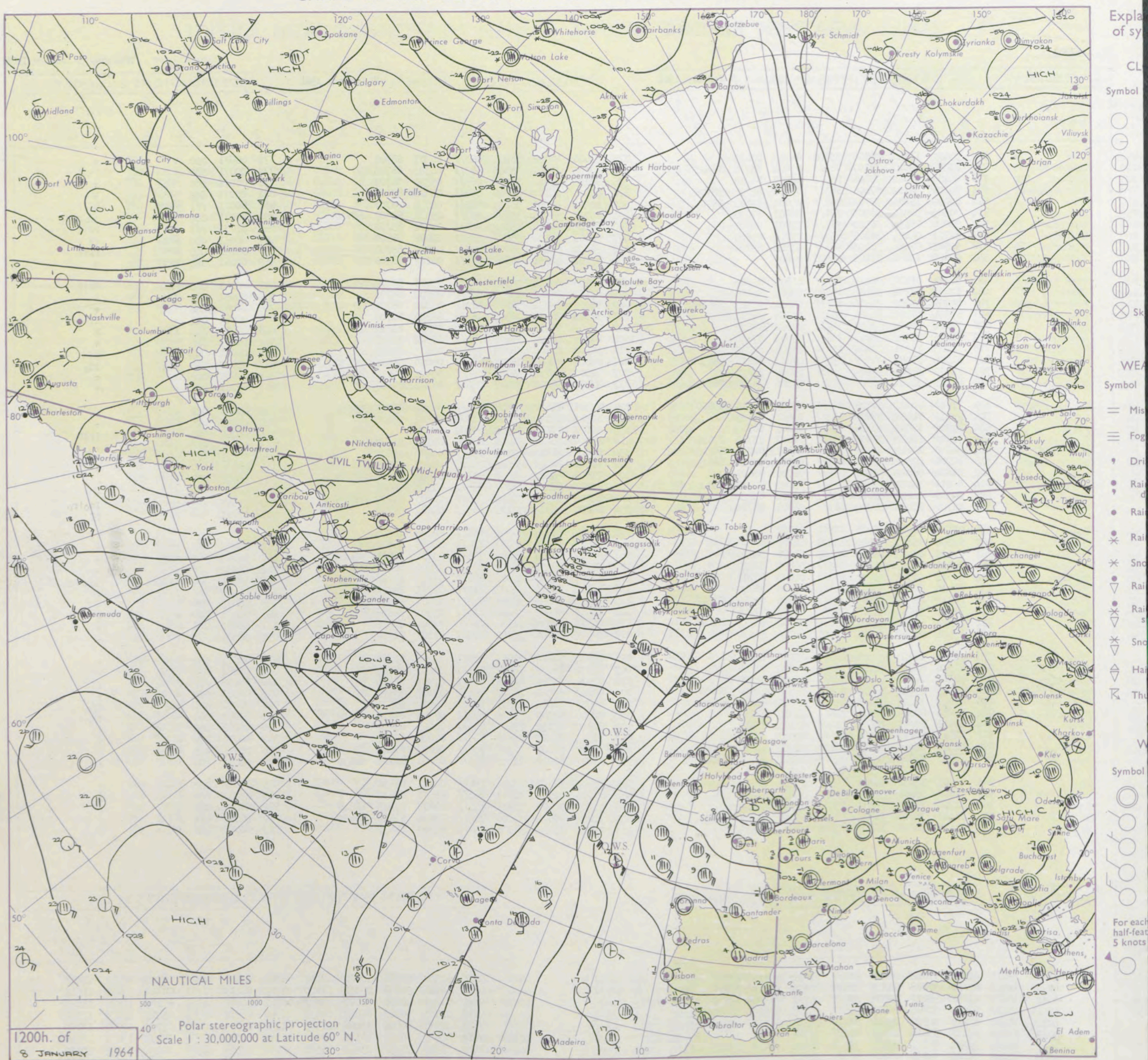
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37303

Date of Issue Thursday 9 January 1964

Code FM 11.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
Station	Elev	Ill	Nddff	VVwww	PPPTT	NChChCh	Td app	8NChh	8NChh	8NChh		Ill	Nddff	VVwww	PPPTT	NChChCh	Td app	8NChh	8NChh	8NChh		Ill	RRT x E	SSS	WEATHER		
																									09h.—15h.	15h.—21h.	
Kew		775	33602	17050	36906	35500	04703	83620				775	83606	40052	36206	86311	04303	88708				775	00071	000	+	+	
London Airport		772	73307	35041	37107	76411	05804	85712	85625			772	80105	35042	36305	86311	04303	88706				772	00071	000	+	+	
Gatwick		776	80105	33042	36806	86411	04802	88710				776	80105	23042	35706	86311	05300	88709				776	00071	000	+	+	
Thorney Island		871	80301	32102	37606	86311	05802	86706	88708			871	80601	24102	36206	86311	05304	88707				871	00071	000	+	+	
Hurn		862	80000	15284	37704	86211	04000	83704	88709			862	80405	48052	36205	86311	04502	88707				862	00061	111	FFff	+	
Guernsey		894	70505	56052	36907	75611	03803	87630				894	80710	36055	35207	86311	05501	86707	88710				894	97071	000	id _o	id _o id _o id _o
Wattisham		590	93206	F5434	36502	91111	02801	89101				590	93105	F2454	35902	91111	02002	89100				590	97031	111	FF	FFff	
Gorleston		497	82701	04424	35905	85511	05704	88620				497	82606	14104	35405	85511	05002	88620				497	00051	000	FFff	ff	
Mildenhall		578	92503	F7454	36401	91111	01808	89101				578	90000	F4434	35902	91111	02102	89101				578	97031	000	FF	FFff	
Cardington		559	02605	15104	37205	00900	04806					559	83504	32051	36505	86311	04102	88706				559	00061	024	FFff	+	
West Raynham		485	92706	01474	36201	91111	01805	89100				485	83106	08424	35503	86211	03001	83703	88707				485	00041	000	FF	FFff
Wittering		462	12802	19284	36804	15500	03805	81620				462	83103	28041	36005	86311	04002	88706				462	00051	022	ff	+	
Boscombe Down		746	80201	50052	37506	85311	04801	85709	88614			746	80404	32052	36605	86211	03302	88705				746	00061	000	+	+	
Ross-on-Wye		627	83201	17102	37106	86411	05808	88710				627	10802	24051	36103	16300	02304	81708				627	00081	011	+	if	
Bristol		628	70604	32054	37407	75511	05802	87623				628	10303	28051	36005	15500	03500	81622				628	00071	000	ff	F	
Aberporth		502	71805	66022	36707	75611	05803	87630				502	81702	48022	35607	85511	05302	88627				502	00081	009	+	+	
Rhoose (Cardiff)		715	11203	13281	37407	10930	05804	81362				715	10000	26100	36003	15500	03603	81625				715	00081	033	ff	+	
Plymouth		827	81006	19042	36808	85411	07803	84618	88630			827	80802	22045	35307	85411	06400	86618	88630				827	97081	000	id _o	id _o
Chivenor		707	71002	32022	37107	75611	05804	87632				707	70902	25032	35707	75411	05501	84617	87630				707	00081	000	+	+
St. Mawgan		817	81309	37051	36107	85311	07806	86709	88625			817	81307	56051	35007	85411	06301	88617				817	00081	002	+	+	
Culdrose		809	71610	62022	36308	78411	05000	82716	83820			809	81308	64022	34308	85411	05401	85715	88620				809	00081	021	+	+
Scilly		804	71416	74031	35808	75511	03801	87620				804	61313	74022	34308	65500	04301	86620				804	00091	009	+	+	
Elmdon		534	82707	17042	37306	86411	04804	88710				534	00000	12111	36500	00900	00501					534	00061	000	+	ifff	
Shawbury		414	72102	62012	37406	75411	04802	83710	87616			414	40000	28111	36202	45500	02103	84622				414	00071	017	+	+	
Manchester		334	80000	20042	37106	85411	04002	82710	88615			334	80000	26042	35506	85511	03400	88625				334	00071	000	+	+	
Squires Gate		318	82208	50042	36606	85511	05002	82720	88625			318	70000	10042	35205	75511	05400	87629				318	00071	000	+	+	
Valley		302	81814	66022	36308	85511	06000	88627				302	71608	66022	35217	75511	06602	85628	87635				302	00081	000	+	+
Ronaldsway		204	82211	74022	35808	85411	05002	82715	83620	88630		204	82807	69022	34807	85511	04501	88628				204	00091	000	+	+	
Carlisle		222	82309	61022	35708	85511	05000	83622	88628			222	82203	56026	35006	85411	04203	87717	88625				222	97091	000	ir _o id _o	id _o ir _o
Watnall		354	82706	03424	36704	86411	04805	88710				354	80000	13044	36105	86411	04104	88710				354	97061	000	ff	ff	
Spurn Head		396	02808	10284	35605	00900	04707					396	82711	32034	35305	86311	04400	88706									
Finningley		360	62804	05044	36406	65400	04807	86618				360	82909	17044	35807	85411	04005	88617				360	00071	000	ff	+	
Dishforth		261	20000	07424	36050	25600	51806	82630				261	72002	40104	35005	75511	03802	83621	87624				261	00061	007	FFff	+
Tynemouth		262	70000	12052	35206	75511	04801	87620				262	82707	48052	34108	85511	05602	88625				262	00081	006	+	+	
Eskdalemuir		162	82311																								

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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mbols

LOUD
Cloud
Amount
(oktas)

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1 or less
2
3
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7 or more
8

Obscured

Weather

Weather

Weather

Weather

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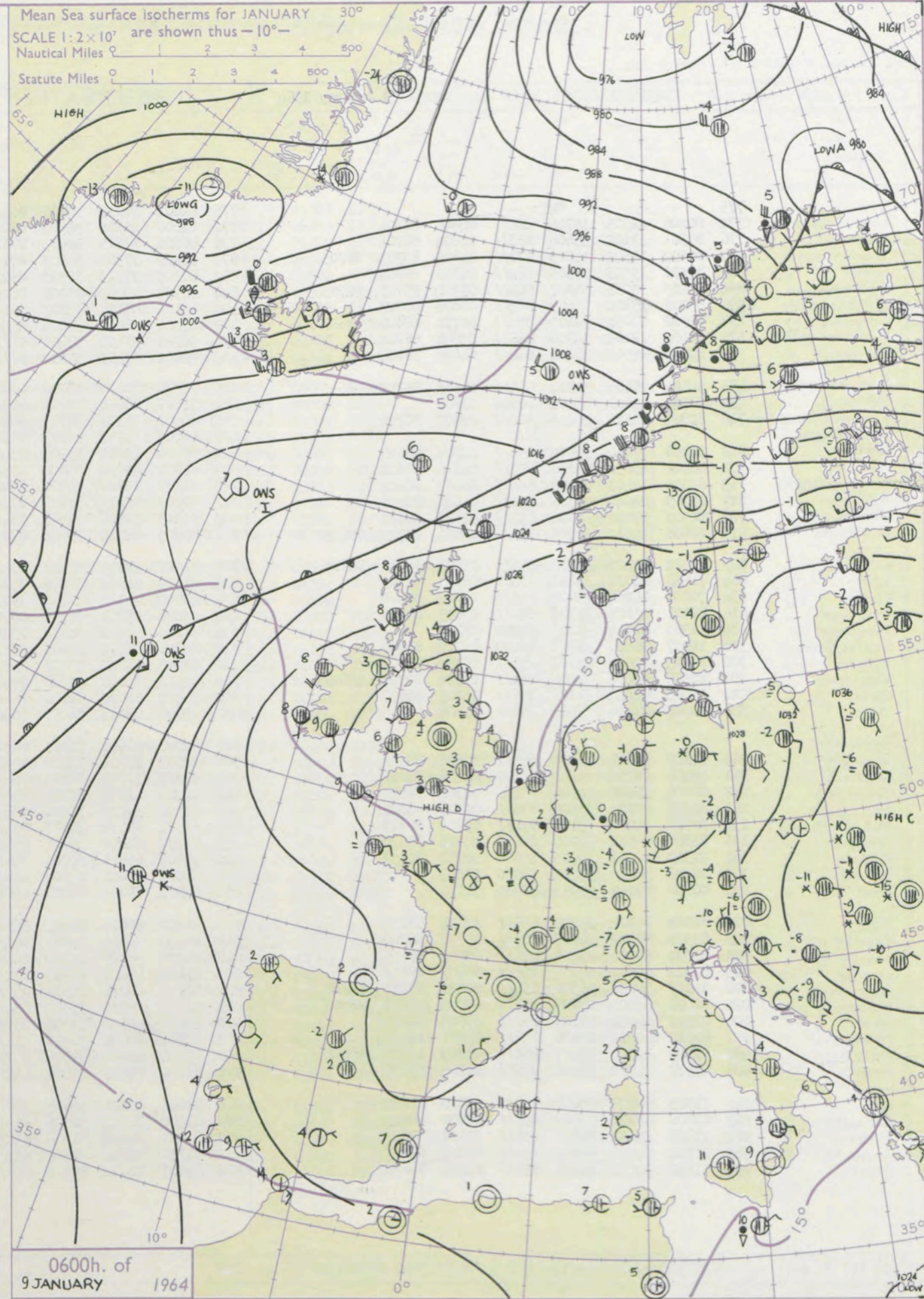
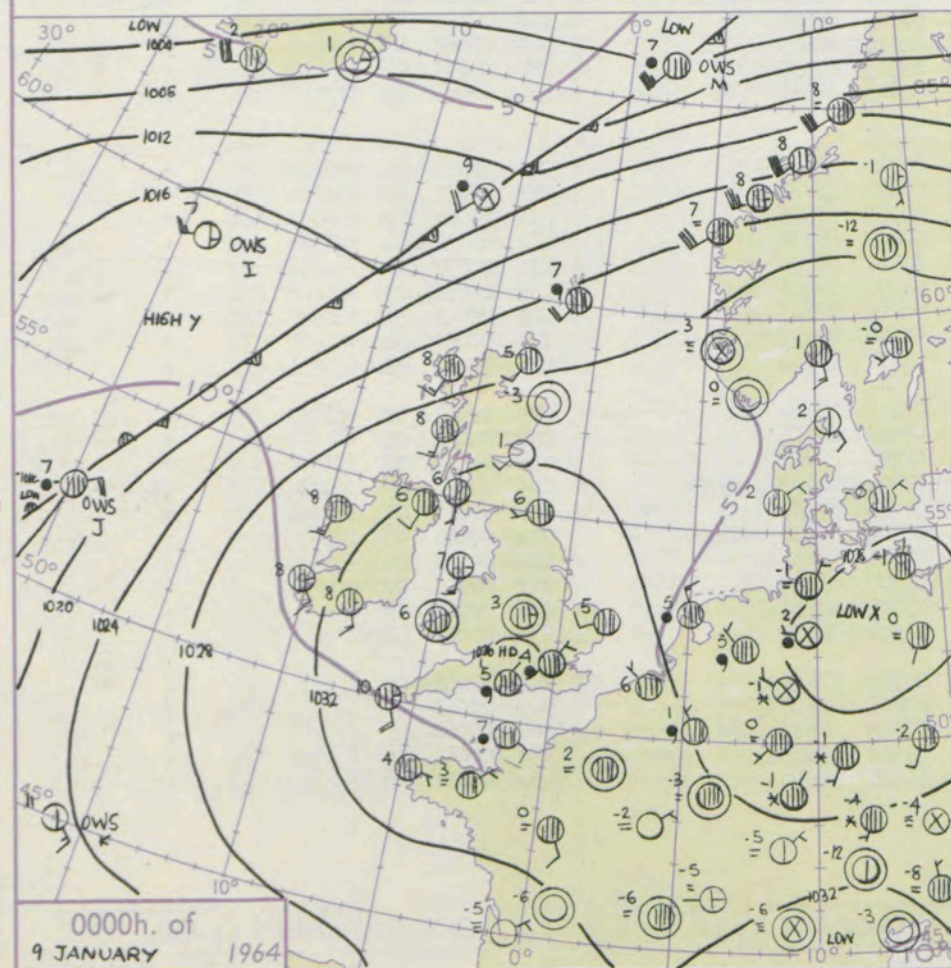
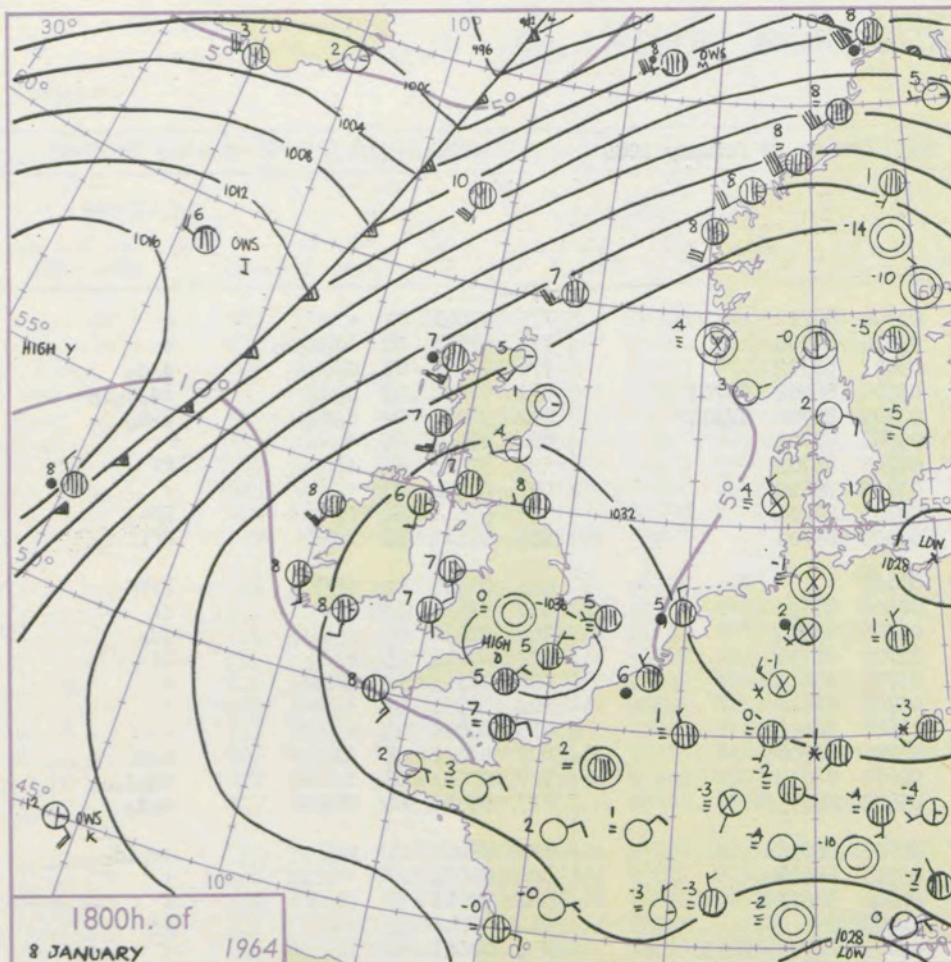
Weather

Weather

Weather

Weather

Weather



GENERAL SYNOPTIC DEVELOPMENT

The anticyclone which has been very slow moving over southern England is expected to remain almost stationary during the next 24 hours but to weaken a little. All parts of the British Isles will remain in the anticyclonic circulation. The weak trough which is lying off northwest Scotland will affect only extreme northern districts.

Issued at midday Thursday 9 January 1964

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will be mainly cloudy in all districts but apart from northern Scotland, where a little rain is likely, there will be a few sunny intervals. Parts of central and eastern England will remain rather hazy today with fog reforming at night and thinning only slowly tomorrow. Temperatures will be generally near normal.

OUTLOOK for following 24 hours
Little change.

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

Code FM 11.A										OBSERVATIONS at 00h.										9 January 1964										OBSERVATIONS at 06h.										9 January 1964										OBSERVATIONS during NIGHT										CONVE TAB																																																																														
Station		ill	Nddff	VVwwwW	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	VVwwwW	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		°C to																																																																																																																	
																							21h.—03h.	03h.—09h.																																																																																																																		
Kew		775			04						775	82801	56022	34704	864//	03704	88712				775	97041	01	+	+	40																																																																																																																
London Airport		772	80206	21505	35704	862//	04808	88704			772	82802	28105	34503	862//	03804	88704				772	97031	02	id _o d _o d _o	+	39																																																																																																																
Gatwick		776	80501	17102	35604	862//	04804	88704			776	80202	17515	33903	871//	03607	88702				776	97031	03	d _o d _o	d _o d _o	38																																																																																																																
Thorney Island		871	80102	19502	35505	872//	04809	83703	88705		871	80202	17505	34503	871//	03504	86702	88703			871	97031	03	d _o d _o	id _o d _o d _o	37																																																																																																																
Hurn		862	80502	19515	35905	862//	04705	88704			862	80105	37515	34303	862//	03709	85702	88704			862	91031	03	d _o d _o	d _o d _o	36																																																																																																																
Guernsey		894	81209	30055	34807	862//	05704	85703	88705		894	80905	50052	33006	862//	05608	88703				894	00051	05	+	+	35																																																																																																																
Wattisham		590	83207	19104	35403	863//	03808	88707			590	83104	07424	33202	861//	02705	88702				590	97011	52	ff	FF	34																																																																																																																
Gorleston		497	82512	57052	34105	855//	04711	88620			497	82804	28052	33004	855//	03702	88620				497	00031	03	+	+	33																																																																																																																
Mildenhall		578	82405	17104	34904	864//	03808	88714			578	92702	F7454	33450	911//	50703	89/01				578	97511	52	ff	FF	32																																																																																																																
Cardington		559	80102	19505	36004	862//	04806	88704			559	92402	F7455	34500	911//	00503	89/00				559	97511	52	id _o F	FFff	31																																																																																																																
West Raynham		485	52604	06464	34804	56400	04803	85715			485	02805	01424	33000	00900	00605				485	00501	52	ffff	ffff	30																																																																																																																	
Wittering		462	00000	13101	35501	00900	01807				462	72807	06424	33901	755//	00606	87622				462	97511	53	ff	ff	29																																																																																																																
Boscombe Down		746	80801	04515	36203	860//	03807	88700			746	80501	26505	34903	862//	03506	88704				746	97021	02	d _o d _o ff	id _o	28																																																																																																																
Ross-on-Wye											627	80000	13102	33903	863//	03708	88708				627	00011	55	ff	ff	27																																																																																																																
Bristol		628	80000	07414	35802	854//	02809	88614			628	80000	13104	33903	854//	03711	88614				628	00511	54	ffff	+	26																																																																																																																
Aberporth		502	80000	48052	35106	855//	04806	88621			502	81702	48052	34006	855//	05706	88620				502	00051	05	+	+	25																																																																																																																
Rhoose (Cardiff)		715	81005	14102	36005	854//	04803	88614			715	81103	16102	34704	854//	04606	88615				715	00041	04	+	+	24																																																																																																																
Plymouth		827	80709	28042	35706	854//	05801	88616			827	80706	23512	33705	873//	05706	88708				827	97051	05	id _o	d _o d _o	23																																																																																																																
Chivenor		707	80901	57022	35706	855//	04804	88621			707	81405	32502	34505	854//	04601	88613				707	97051	04	+	id _o d _o d _o	22																																																																																																																
St. Mawgan		817	80806	32012	35006	854//	05604	83712	88625		817	80805	19515	33805	872//	05605	88705				817	97051	04	id _o	d _o d _o	21																																																																																																																
Culdrose		809	81312	62025	34307	854//	05801	83710	88618		809	81007	58052	33107	854//	05806	88618				809	97061	06	id _o	ir _o id _o	20																																																																																																																
Scilly		804	71518	64022	34110	755//	05603	87620			804	81110	64022	32209	854//	05709	88618				804	00081	//	+	+	19																																																																																																																
Elmdon		534	70000	14284	35803	755//	03702	87620			534	80000	28102	34504	854//	04606	88617				534	00011	50	ff	+	18																																																																																																																
Shawbury		414	82101	23102	35703	855//	03805	88625			414	00000	05411	34251	00900	51809				414	00011	55	+	ff	+	17																																																																																																																
Manchester		334	01905	17044	35103	00900	02702			334	81806	40041	33404	852//	02809	84703	88633				334	00021	00	ff	+	16																																																																																																																
Squires Gate		318	18907	08464	34703	15600	02702	81630			318	82305	48105	33005	854//	05705	81718	88631			318	97011	53	ff	id _o	15																																																																																																																
Valley		302	71815	62032	34507	755//	05703	87626			302	82105	58022	33207	855//	07602	88620				302	00071	05	+	+	14																																																																																																																
Ronaldsway		204	82308	64032	34008	854//	07704	82715	88627		204	82512	74022	32708	855//	02604	88629				204	00051	05	+	+	13																																																																																																																
Carlisle		222	81905	62022	34106	856//	03705	88637			222	72509	62022	32706	756//	03505	87637				222	00051	04	+	+	12																																																																																																																
Watnall		354	00000	05444	35503	00900	02808			354	60000	03444	34200	655//	00803	86622				354	00503	55	ff	ff		11																																																																																																																
Spurn Head											396	03006	08460	32203	00900	03609																																																																																																																										

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

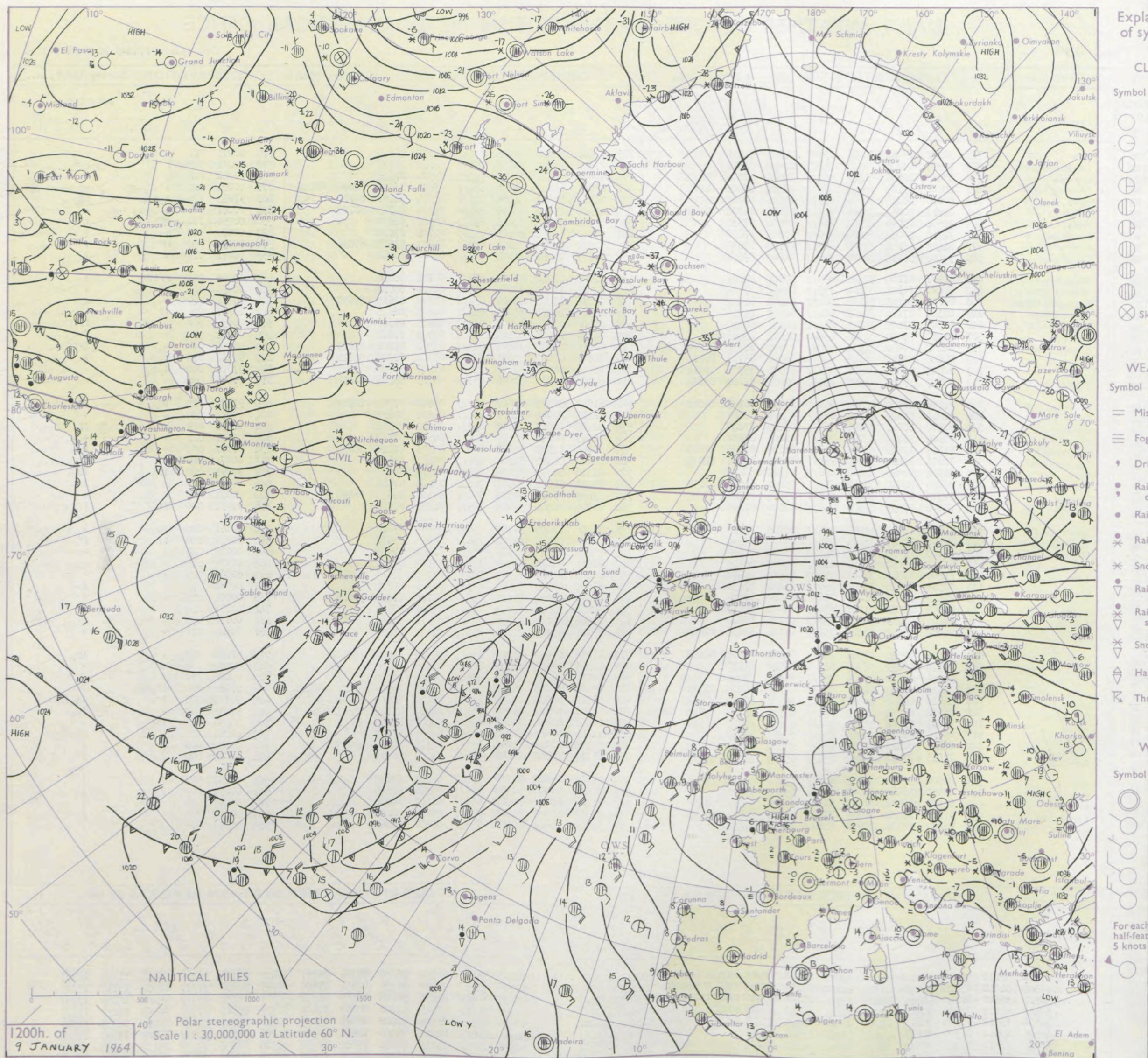
No. 37304

Date of Issue Friday 10 January 1964

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Code FM 11.A		OBSERVATIONS at 12h.										9 January 1964										OBSERVATIONS at 18h.										9 January 1964										OBSERVATIONS during DAY				
Station		iii	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	iii	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	iii	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	iii	RRT _h T _h E	SSS	WEATHER														
																																	09h.—15h.	15h.—21h.												
Kew	775	32202	15051	34206	35600	04802	83635				775	73102	48051	33206	75611	03601	87636				775	00071	011	+						+		+														
London Airport	772	12303	13104	34305	16200	04802	81704				772	72502	28041	33205	75611	03603	87635				772	00071	012	f						+		+														
Gatwick	776	83403	22055	34305	86211	04000	82705	88709			776	72603	23102	33503	75511	03500	87626				776	00061	000	+						+		+														
Thorney Island	871	80000	33105	35404	86211	03204	86705	88707			871	63202	14052	33904	65411	03601	83710	84620	86628		871	00051	000	+						+		+														
Hurn	862	80000	26055	34904	86211	04801	82703	88710			862	82802	19502	34404	87311	03304	84707	88712		862	97051	111	d _o d _o						id _o		id _o															
Guernsey	894	80911	50052	33506	86211	05804	84704	87706			894	80908	19052	33406	86211	04304	84703	88705		894	00061	000	+						+		+															
Wattisham	590	72806	19284	32903	75611	03804	87630				590	82806	22052	32004	85611	03501	88630			590	00051	111	FF						+		+															
Gorleston	497	72710	20052	32404	75611	03805	87636				497	72710	32052	30805	75511	03801	87625			497	00060	000	+						+		+															
Mildenhall	578	82403	13104	33202	85611	02702	88630				578	82607	14052	31904	85511	03602	83627	88636		578	00051	000	FF						+		+															
Cardington	559	72506	56054	34206	75611	04802	87645				559	82707	23052	33105	85611	04102	88644			559	00071	015	+						+		+															
West Raynham	485	82907	11104	32402	85511	02804	88625				485	82807	17042	31404	85611	03701	88634			485	00051	000	FFff						+		+															
Wittering	462	72610	14104	33404	75511	03802	87628				462	82806	11042	32704	85511	03400	88627			462	00051	000	ff						+		+															
Boscombe Down	746	80000	32105	35105	86411	04501	88714				746	70000	15052	34404	75411	03302	83615	87630		746	00051	000	+						+		+															
Ross-on-Wye	627	82102	17104	34405	86411	04803	88710				627	82303	24051	33805	85511	04309	88625			627	00071	021	1f						+		+															
Bristol	628	82302	17102	34705	86411	04801	88710				628	90000	03474	34103	91111	02305	89111			628	00051	000	+						ff1f		ff1f															
Aberporth	502	61910	56052	34206	65500	04804	86628				502	71910	28051	33604	75511	03303	87627			502	00071	027	+						+		+															
Rhoose (Cardiff)	715	82102	40052	34904	86211	03802	81703	88710			715	60000	23101	34404	65311	03304	81706	86620		715	00051	000	+						1F1f		1F1f															
Plymouth	827	80808	37045	34106	85311	05002	85706	88614			827	80908	28045	33405	85311	05304	82708	88622		827	97061	000	d _o						+		+															
Chivenor	707	80904	56025	34506	85311	03806	85707	88615			707	81208	56022	34005	85511	03207	88626			707	97071	000	d _o d _o						+		+															
St. Mawgan	817	80707	37052	33806	85411	05001	83714	88624			817	80905	28052	33006	85311	05203	85706	88614		817	00071	000	+						+		+															
Culdrose	809	81008	28102	33307	85211	06303	86705	88612			809	81013	28505	32007	85211	06601	87703	88612		809	97070	000	id _o						id _o		id _o															
Scilly	804	81212	61022	33109	85411	04106	88618				804	61213	59022	31408	65411	04602	86617			804	00091	000	+						+		+															
Elmdon	534	72307	18041	33706	75611	03805	87640				534	82405	08042	33205	85611	04202	88635			534	00071	009	+						ff		ff															
Shawbury	414	72604	56044	33707	75611	04803	87630				414	72503	40042	33105	75611	04301	87637			414	00071	001	+						+		+															
Manchester	334	81803	19042	33005	85511	02400	85620	88635			334	80000	13502	32605	85511	03303	82620	88633		334	97061	000	+						id _o		id _o															
Squires Gate	318	72606	32102	32806	75511	06805	83628	87635			318	80000	08462	32306	85611	06203	88633			318	00071	000	+						f		f															
Valley	302	81914	58026	33308	85611	07801	88635				302	82310	58032	33008	85611	07303	88635			302	97091	000	ir _o						id _o		id _o															
Ronaldsway	204	72806	74022	32908	75511	05802	81625	87637			204	70000	64022	32607	75611	05103	87646			204	00090	000	+						+		+															
Carlisle	222	72705	69022	32407	78511	03805	81822	87640			222	82405	59022	32706	85611	03306	82630	88650		222	00071																									

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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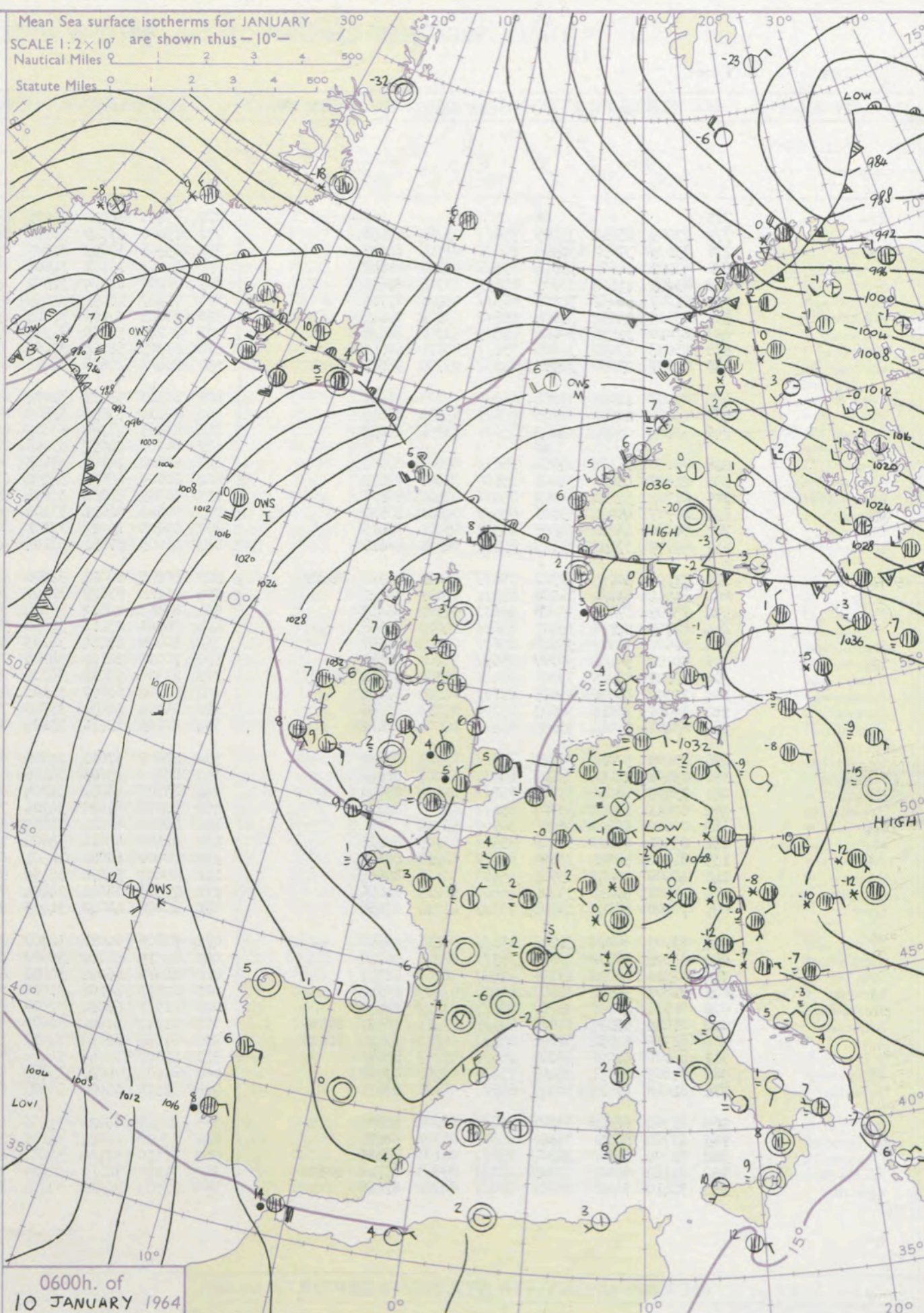
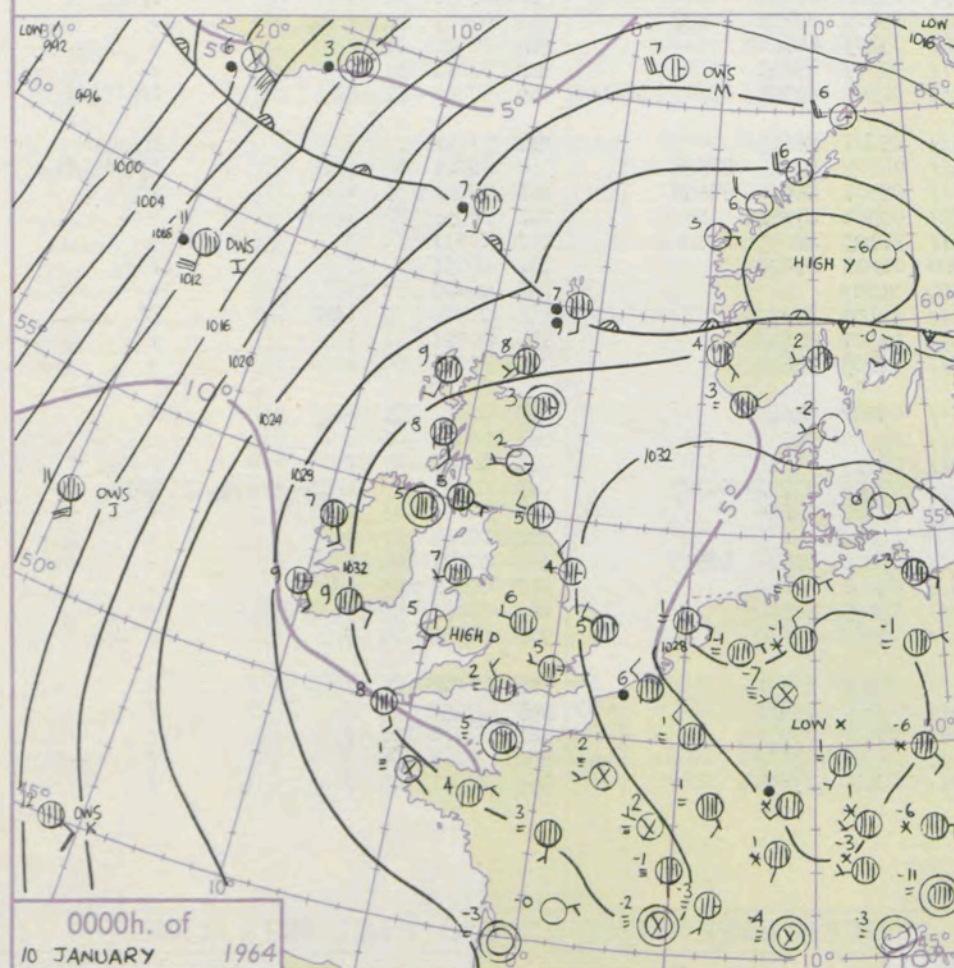
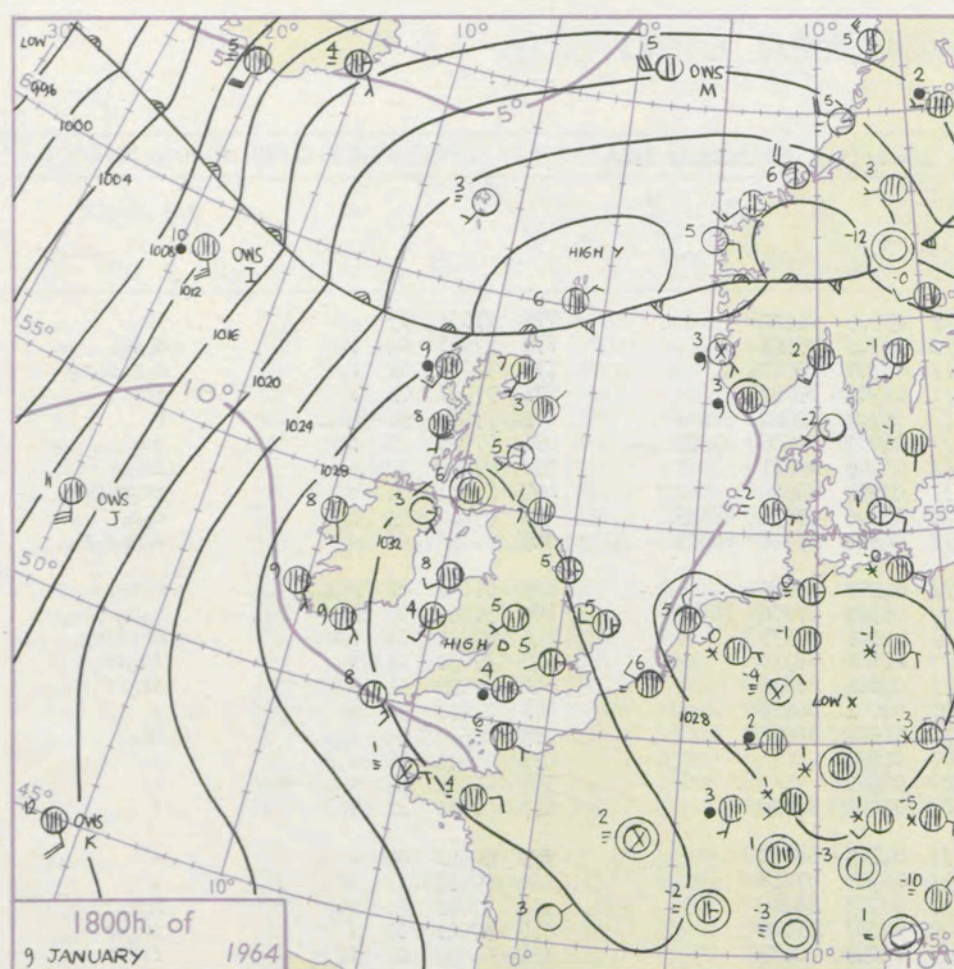
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Calm
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3-7
8-12
13-17

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48-52



Mean Sea surface isotherms for JANUARY
SCALE 1:2x10' are shown thus -10°-
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 10 January 1964

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The centre of the anticyclone which has been over England for the past two or three days has been transferred to a position over southern Scotland where it will be slow moving. All parts of the British Isles will remain in the anticyclonic circulation but easterly or northeasterly winds will spread into southern districts of England bringing colder air than recently.

Northern Ireland, Scotland, northern England and Wales will be mostly cloudy with a few sunny intervals but some fog patches and slight frost at night. Remaining districts will be cloudy with occasional rain or drizzle and perhaps a little sleet or snow in the south east later. Slight frost will occur in some inland places.

OUTLOOK for the following 48 hours.

Rather cold but mainly dry with slight frost and some fog patches at night.

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

Code FM 11.A		OBSERVATIONS at 00h. 10 January 1964										OBSER/ATIONS at 06h. 10 January 1964										OBSERVATIONS during NIGHT					CONVE TAB °C to
Station	iii	Nddff	VVwww	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	VVwww	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 _n T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			06						775	83405	56022	32206	85511	03705	88620				775	97051	03	+	ir _o	40		
London Airport	772	73005	25042	33005	75611	03704	87645			772	83406	27502	31905	85611	03706	88645				772	97041	04	+	d _o d _o	39		
Gatwick	776	83105	37052	32905	85611	03704	88637			776	83306	37052	31804	85611	03707	88640				776	91031	02	+	d _o r _o d _o r _o	38		
Thorney Island	871	83202	14102	33804	85611	03702	88640			871	83303	19102	32804	85611	03504	88641				871	97041	01	+	ir _o	37		
Hurn	862	83205	14104	33802	85611	02705	88631			862	80000	20104	32901	85511	01707	82622	88639			862	97001	51	if	f	36		
Guernsey	894	81007	50052	33604	86311	03400	87706			894	81207	56055	32605	85311	04807	82706	87625			894	97041	03	id _o	id _o	35		
Wattisham	590	83110	23052	31804	85611	03801	88645			590	83611	32102	31804	85611	03305	88641				590	97031	02	+	id _o	34		
Gorleston	497	83010	32052	30605	85511	03302	88625			497	80720	58216	31905	85511	03209	88624				497	92021	01	+	pr _o r _o r _o	33		
Mildenhall	578	83007	19052	31805	85611	03001	88643			578	83505	58025	31604	85611	03400	83631	88649			578	97041	03	d _o d _o	d _o d _o	32		
Cardington	559	82807	23052	32905	85611	03700	88637			559	83411	32616	32605	85311	04302	86708	88621			559	96041	03	+	d _o d _o r _o r _o	31		
West Raynham	485	83007	14042	31604	85611	02103	88638			485	80309	58217	32004	85611	04203	88645				485	01031	02	r _o s _o r _o s _o	r _o r _o	30		
Wittering	462	83109	20042	32705	85611	03803	88637			462	80110	37036	32805	85311	05302	87706	88632			462	91051	03	r _o r _o	r _o r _o	29		
Boscombe Down	746	83203	03424	34403	85611	03501	88630			746	83303	28284	33603	85611	02601	88639				746	97021	51	fff	fffir _o	28		
Ross-on-Wye										627	80000	24052	33603	86411	02400	88710				627	92031	01	+	id _o ir _o	27		
Bristol	628	70000	16104	34004	75611	04801	87634			628	80000	14101	33103	85611	03804	88636				628	97021	51	+	ir _o if	26		
Aberporth	502	21808	48051	34005	25600	03801	82632			502	60000	40051	34202	65600	02001	86635				502	00021	56	+	+	25		
Rhoose (Cardiff)	715	81702	32104	34302	85611	02502	88635			715	60305	56034	33801	65611	51501	86645				715	00511	53	+	if	24		
Plymouth	827	80707	48022	33606	85511	04601	88627			827	00505	56011	33403	00900	01602					827	00011	54	+	+	23		
Chivenor	707	80000	48022	34205	85511	03801	88625			707	00000	48021	33801	00900	00602					707	00501	56	+	+	22		
St. Mawgan	817	80707	37052	33605	85411	04301	88619			817	41005	37051	33104	45500	03802	84620				817	00011	51	+	+	21		
Culdrose	809	71109	50035	32707	75411	06001	84710	86622		809	80806	60022	32206	85511	04805	88620				809	00050	04	+	+	20		
Scilly	804	81512	63022	32008	85511	05001	88622			804	71116	83022	31509	75411	06705	87618				804	00081	11	+	+	19		
Elmdon	534	83007	17044	33306	85611	04802	88637			534	83505	23612	33804	85511	03203	88622				534	93041	03	+	r _o r _o	18		
Shawbury	414	82705	32112	33605	85611	04000	88638			414	30103	23212	34305	35600	04307	83640				414	97041	02	+	ir _o ff	17		
Manchester	334	82602	11285	33505	85611	03104	88647			334	80000	17284	34105	85611	02203	88637				334	00031	00	ff	fff	16		
Squires Gate	318	80106	50044	33707	85611	03208	88645			318	70000	32102	34103	75611	03201	87646				318	00031	51	+	if	15		
Valley	302	82606	58025	33907	85411	06800	83614	88625		302	81308	58022	34306	85411	05204	83715	88637			302	97051	04	d _o d _o	+	14		
Ronaldsway	204	70307	66032	33905	75711	04105	87650			204	60306	66012	34505	65600	03203	86648				204	00020	51	+	+	13		
Carlisle	222	10000	40011	34603	15700	02210	81656			222	70000	48031	35703	75611	02307	87640				222	00011	51	+	+	12		
Watnall	354	83407	07044	33205	85511	02004	88622			354	80109	19216	33804	85211	04302	83704	85705	88624		354	97041	01	ff	ir _o ifid _o	11		
Spurn Head	396	73209	57022	32004	75511	03203	87620			396	63609	57012	33306	65411	05207	86615				396	97041	11	+	ir _o	10		
Finningley	360	83408	22044	33405	85611	02007	88641			360	83510	15205	34205	85411	04102	82713	88628			360	92041	02	id _o	d _o d _o id _o ff	9		
Dishforth	261	73207	48052	33705	75711	02209	87650			261	83107	48052	34704	85511	02301	86620	88640			261	97041	01	+	id _o	8		
Tynemouth	262	62811	58022	33705	65611	03206	86635			262	72808	61022	34706	70971	02303	87358				262	00051	02	+	+	7		
Eskdalemuir	162	00000	66021	35250	00900	51310				162	80000	59021	35800	85611	51103	88633				162	00511	54	+	+	6		
Mull of Galloway	131	83506	66022	34206	85511	05205				131	21405	60011	34905	25500	04202	82825				131	00051	11	/	/	5		
Prestwick	135	81106	58042	33605	85611	04210	88642			135	00000	62021	34501	00900	01207					135	00003	53	+	+	4		
Renfrew	141	40000	20042	33905	45600	04108	84645			141	90000	F5474	35152	91111	52105	89111				141	00521	54	fff	FF	3		
Leuchars	171	12506	59031	33402	15600	01212	81635			171	72505	58041	34404	75611	03307	87643				171	00021	51	+	+	2		
Dyce	091	70000	56042	33203	75711	01214	87656			091	80000	48042	34403	85711	02105	88656				091	00021	00	+	+	1		
Wick	075	82203	80026	31208	85611	06211	88640			075	81805	80022	32707	85611	05207	88640				075	00061	05	+	+	0		
Cape Wrath	049	82326	58022	30008	86511	07206	88720			049	82315	58022	30907	86511	04400	88720				049	00071	06	+	+	-1		
Sule Skerry	010	82313	48022	29209	86411	08203	88710			010	82313	66022	32008	86411	08212	88710				010	00080	07	/	/	-2		
Lerwick	005	81807	58582	30607	86411	07207	88712			005	82513	58206	32008	86111	07309	87702	88707			005	02051	03	ir _o id _o ifd _o d _o	DD1d _o	-3		
Stornoway	026	81911	66026	31209	85611	08211	88630			026	81917	66022	32008	85711	07005	88650				026	00061	03	+	+	-4		
Benbecula	022	81815	62035	31608	85511	07211	83627	88656		022	01712	62021	32605	00900	04210					022	00041	01	+	+	-5		
Tiree	100	81712	62032	32608	85511	06211	82622	88629		100	81908	62012	33507	85511	05206	81620	88633			100	00071	05	+	+	-6		
Aldergrove	917	80000	62021	33805	85611	03107	88633			917	80000	58042	34006	85611	04101	88633				917	00041	03	+	+	-7		
Malin Head	980	71802	80031	33405	75611	02208	87640			980	81803	74022	33606	85611	04105	88640				980	00021	51	/	/	-8		
Belmullet	976	81610	69022	31307	85611	04103	88631			976	81510	65022	31507	85611	04204	88630				976	00061	06	/	/	-9		
Birr	965	81304	66022	33506	85611	04204	88633			965	81106	66022	33406	85611	02400	88631				965	00041	00	/	/	-10		
Collinstown	969	82704	58052	33506	85611	03701	88638			969	80000	66022	34106	85611	03206	88633				969	00050	04	/	/	-11		
Rineanna	962	81208	59102	32307	85611	04103	88636			962	81010	57102	32007	85611	05400	88632				962	00060	06	/	/	-12		
Roches Point	952	81112	62022	32009	85411	07803	83712	88630		952	71113	74012	32109	75611	06301	87632				952	00081	06	/	/	-13		
Valentia	953	71410	74022	30709	75611	04202	87640			953	71207	74022	30408	7													

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37305

Date of Issue Saturday 11 January 1964

Code FM 11.A		OBSERVATIONS at 12h. 10 January 1964										OBSERVATIONS at 18h. 10 January 1964										OBSERVATIONS during DAY				
Station	iii	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	iii	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	iii	RRT	T _s T _s E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Kew	775	80712	57056	33405	88511	50106	83820	88630		775	80509	58022	34503	85511	53204	88628			775	00061	000	+		+		
London Airport	772	50512	56046	33406	55400	02003	82714	85622		772	80510	58042	34803	85511	52105	88627			772	97071	003	1d ₀ 1d ₀ r ₀		+		
Gatwick	776	70615	59056	33104	75411	01106	83712	87625		776	80507	59012	34102	85511	52005	88629			776	97061	000	d ₀ r ₀		1d ₀		
Thorney Island	871	70405	32056	32406	75511	04801	81620	87650		871	80809	56052	34202	85511	52009	88625			871	97071	016	1r ₀		+		
Hurn	862	80408	26052	32805	85511	03804	87628	88632		862	70611	56011	34002	75511	52215	87624			862	00061	111	+		+		
Guernsey	894	60208	56051	31907	65611	03808	86635			894	80716	48052	31006	85411	03303	82710	84614	87625	894	00070	000	+		+		
Wattisham	590	80609	59025	35201	85411	52213	86614	88618		590	80307	48022	35002	85611	51101	88633			590	00031	111	+		+		
Gorleston	497	70715	60022	35703	75511	51114	87624			497	80215	64022	35604	85511	00003	88625			497	00040	000	+		+		
Mildenhall	578	80711	61035	35303	85511	52115	88620			578	83603	62022	35402	85611	50002	88632			578	00041	000	+		+		
Cardington	559	80414	58026	35204	85311	02211	84708	88615		559	80307	58022	36002	85511	51006	88623			559	00051	001	+		+		
West Raynham	485	70912	62012	35603	75411	50110	81715	87620		485	80305	62022	35902	85511	00104	82620	88633		485	00031	003	+		+		
Wittering	462	70814	66016	35703	75411	01211	81710	87615		462	80507	59022	36202	85511	51002	88625			462	97051	000	1r ₀		+		
Boscombe Down	746	80507	48056	33505	85411	03802	81712	83625	88640	746	80714	56035	34901	85411	53215	88618			746	97061	006	1d ₀		+		
Ross-on-Wye	627	70306	48056	33906	75511	04805	87620			627	80510	60022	35303	85511	51213	88625			627	97071	001	1r ₀		+		
Bristol	628	80208	17106	33605	85411	04804	84710	88630		628	70512	56051	34402	75611	51111	87630			628	00071	001	+		+		
Aberporth	502	10706	50051	34806	15730	05001	81650			502	50912	48052	34306	55500	02301	85626			502	00061	018	+		+		
Rhoose (Cardiff)	715	70612	30046	33506	75611	04808	87630			715	70915	56042	34004	75511	02307	84621	87640		715	97061	000	1r ₀		+		
Plymouth	827	10000	30040	33006	15500	03808	81625			827	80905	28041	32406	85611	03301	88636			827	00081	036	+		+		
Chivenor	707	81201	40031	33905	85611	03804	82635	88640		707	80305	40022	33206	85611	03300	88633			707	00071	013	+		+		
St. Mawgan	817	01004	50050	33406	00900	03703				817	80707	50051	32705	85611	03500	88634			817	00071	064	+		+		
Culdrose	809	00608	60051	32906	00900	03000				809	80708	56051	31606	88411	03401	83710	85816	88625	809	00070	051	+		+		
Scilly	804	80914	58022	32507	85411	04106	88616			804	60816	58022	31407	45506	04301	84627	85080		804	00080	000	+		+		
Elmdon	534	70708	58016	34506	72411	04801	83710	87812		534	80806	63032	36002	85511	53108	88621			534	97061	009	1r ₀		+		
Shawbury	414	70706	28506	35406	75411	04000	83712	87630		414	81003	32046	36403	85411	01211	85618	88623		414	97061	000	1d ₀		d ₀ d ₀ d ₀ r ₀		
Manchester	334	70105	12202	35706	75411	04004	81715	87630		334	81110	28515	36104	85411	02308	88614			334	97061	001	1d ₀		1d ₀ d ₀ d ₀		
Squires Gate	318	80705	26044	36006	85611	04105	87630			318	80808	30042	35906	85611	05202	88633			318	97081	010	1f		1d ₀		
Valley	302	70603	56042	35608	75611	06001	87645			302	80411	28042	35407	85511	06500	86625	88640		302	00091	000	+		+		
Ronaldsway	204	70809	61022	36508	75611	05009	87647			204	70000	61042	36107	75611	05601	87633			204	00080	001	+		+		
Carlisle	222	80000	48032	37305	85611	03105	82635	86650		222	80502	56032	37107	65611	03000	86631	88358		222	97071	000	+		1r ₀		
Watnall	354	80609	23205	35805	85311	04309	86707	88625		354	80909	58042	37102	85511	05110	88620			354	97051	000	1d ₀		+		
Spurn Head	396	71410	59016	36205	75511	04212	87625			396	81109	59022	36205	85511	03202	87625			396	97060	005	1r ₀		+		
Finningley	360	80408	19105	36206	85311	05105	84708	88625		360	80000	58045	37204	85511	02209	88623			360	91061	000	1d ₀ 1d ₀ off		+		
Dishforth	261	83507	11512	36505	87311	04005	88708			261	81209	09514	37005	87311	05206	88706			261	93061	000	1d ₀ d ₀ d ₀		ff1d ₀ d ₀ d ₀		
Tynemouth	262	83509	24052	37106	85511	04209	88622			262	80106	28285	37107	85511	07304	88620			262	96071	000	d ₀ d ₀		d ₀ d ₀ off		
Eskdalemuir	162	80000	82012	37505	65631	03206	86635	88358</																		

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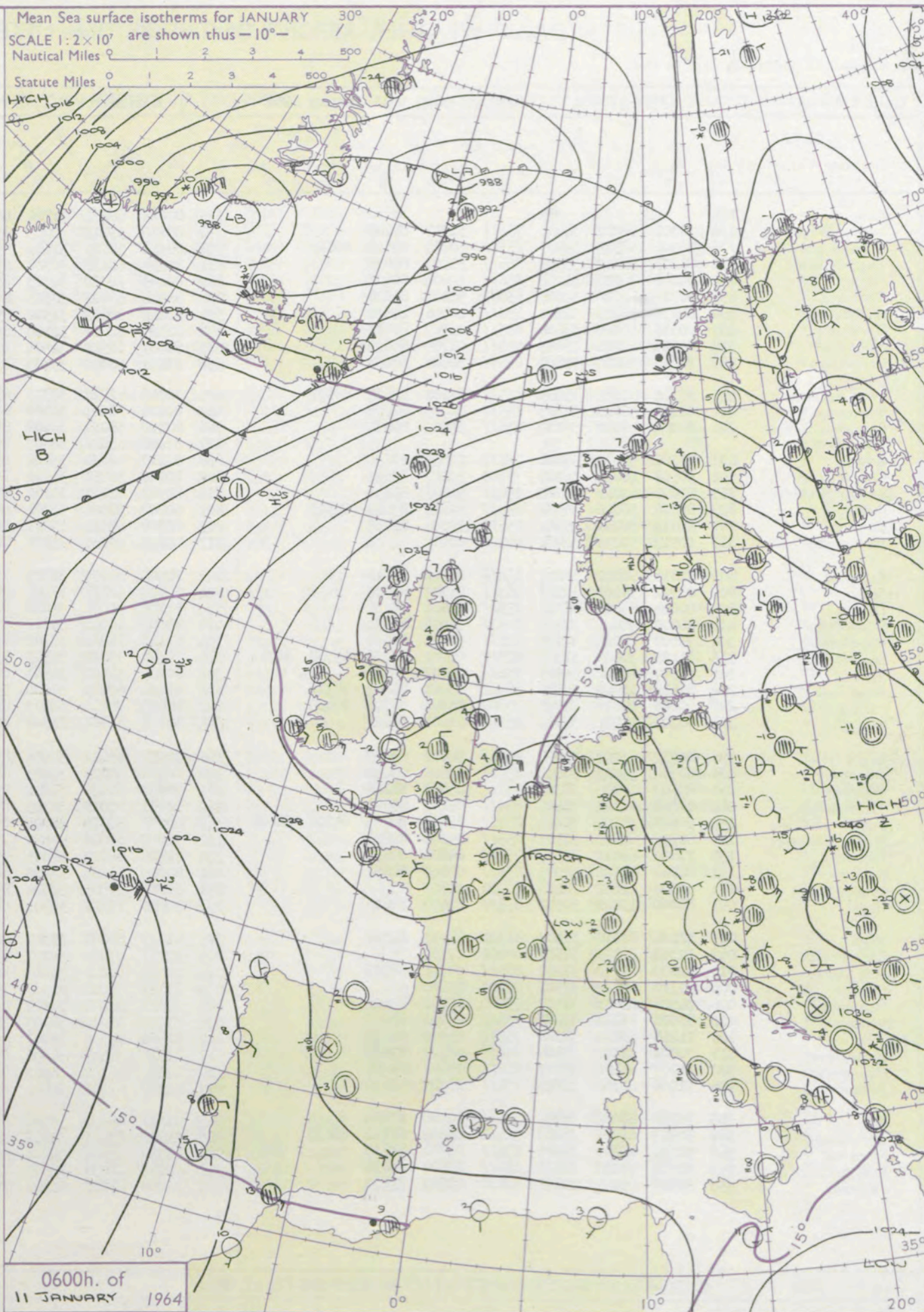
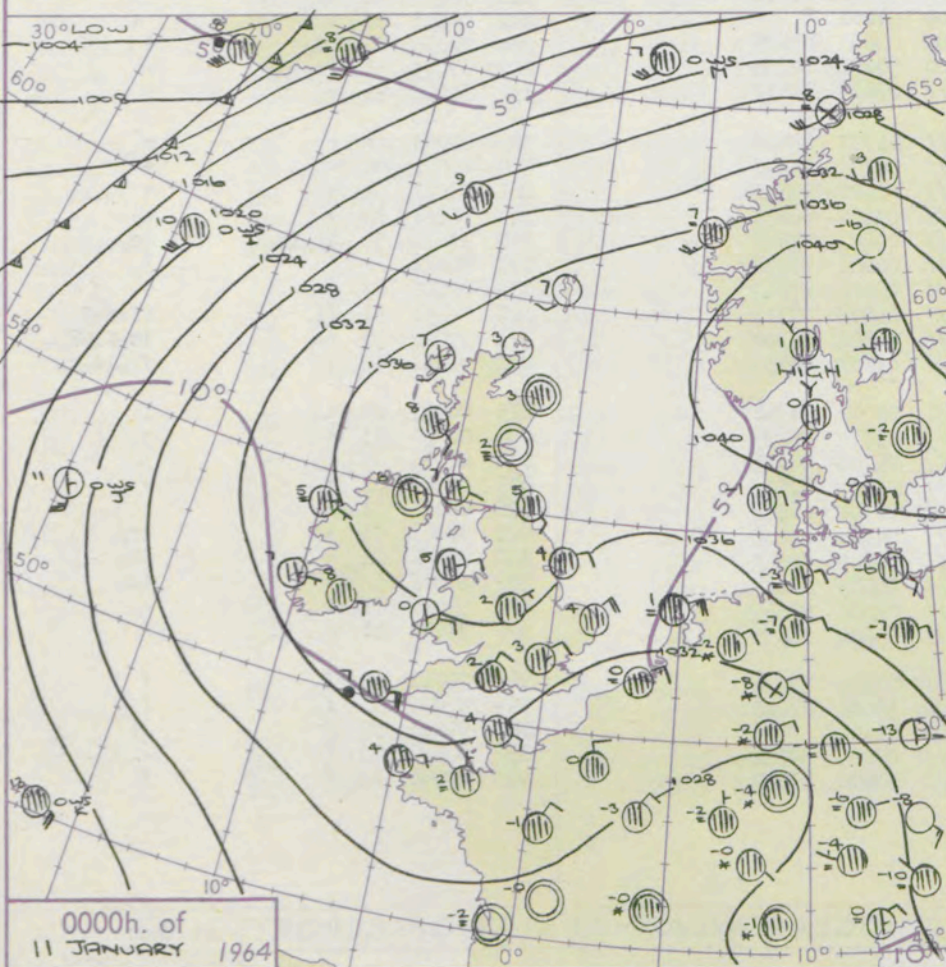
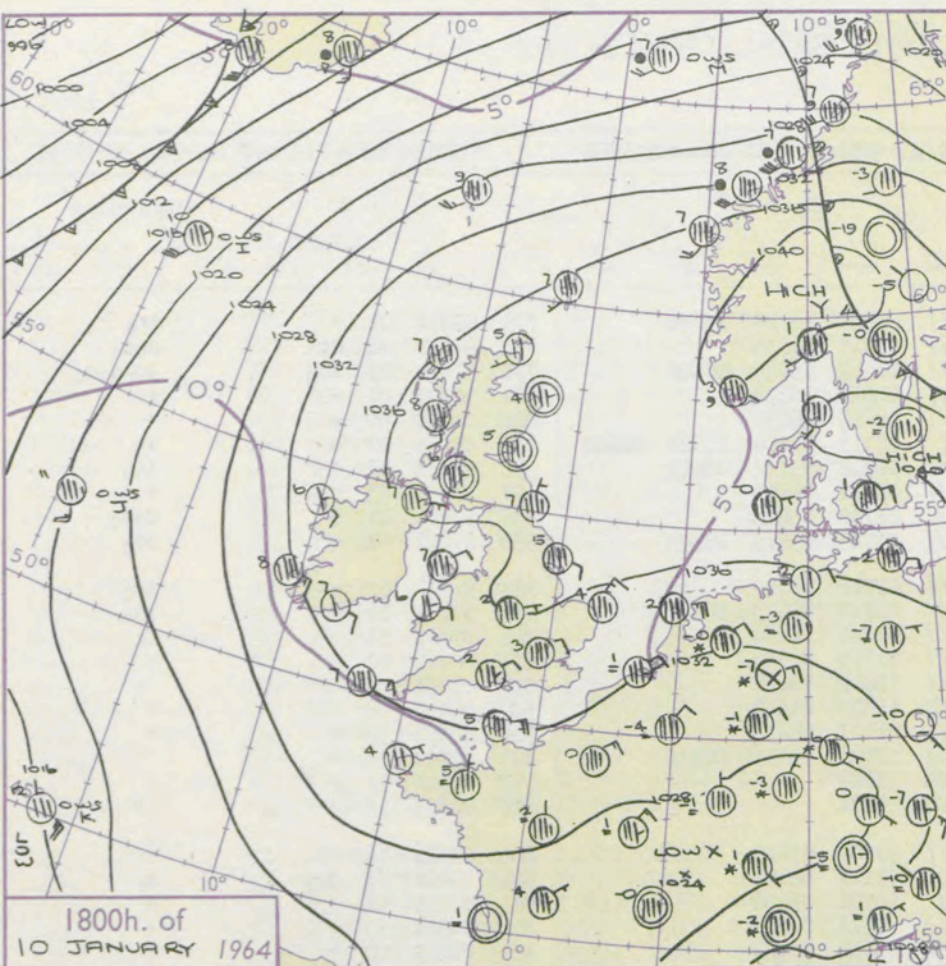
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 11 January 1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The European anticyclone will persist with a strong ridge westwards across northern districts of the British Isles. The shallow low which has been slow moving over southern Germany is now over east France with a trough extending northwards over the southern North Sea. The trough will move rather slowly westwards over southern districts of England during the next 24 hours.

Scotland, Northern Ireland and northern districts of England and Wales will be mainly dry cloudy and rather cold, with sunny intervals by day and some frost and fog patches at night. Southern districts of England and Wales will be cloudy and cold. Sleet or snow, mostly slight, will spread westwards over southern counties, followed by somewhat brighter weather in the southeast with moderate night frost.

OUTLOOK for following 24 hours
Remaining cold in the south and becoming colder in the north. There may be a little snow at times in Wales and southern England.

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

Code FM II.A										OBSERVATIONS at 00h. 11 January 1964										OBSERVATIONS at 06h. 11 January 1964										OBSERVATIONS during NIGHT					CONV TA °C
Station	ill	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	ill	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	ill	RRT _n E	T _g T _g	WEATHER													
																						21h.—03h.	03h.—09h.												
Kew	775				04					775	80215	62022	31704	854//	50713	84715	88634			775	97031	01	+	ir _o	40										
London Airport	772	70309	58012	34403	750//	51707	87645			772	80112	59015	32003	856//	01715	88635				772	97031	01	dr _o	do _o	39										
Gatwick	776	80306	58505	33903	855//	50802	82622	88640		776	80311	59025	31103	854//	00815	83615	88626			776	97021	01	id _o	id _o do _o	38										
Thorney Island	871	80207	58052	33902	856//	51805	88638			871	80211	62032	31703	856//	00612	88630			871	00021	01	+	+	37											
Hurn	862	80208	74022	34202	856//	52804	88631			862	80109	74032	32303	856//	50714	88631			862	00021	00	+	+	36											
Guernsey	894	60713	64012	32203	656//	52101	86636			894	80414	60022	30905	854//	00713	82618	85621	88640	894	00003	02	+	+	35											
Wattisham	590	80210	56022	34302	855//	00806	88622			590	80212	56602	31902	854//	01712	85712	88619			590	97011	01	+	ir _o	34										
Gorleston	497	80318	60022	34604	855//	01707	88625			497	80323	62022	32104	855//	00712	88625			497	97031	03	pr _o	+	33											
Mildenhall	578	80105	62022	35003	855//	01705	88624			578	80309	61512	32504	854//	01712	88619			578	97021	01	+	do _o	32											
Cardington	559	80110	59022	35603	856//	50608	88632			559	83611	56032	33303	854//	01715	85619	88625			559	97021	01	+	id _o	31										
West Raynham	485	80312	61032	35203	855//	01807	82622	88627		485	80315	62216	32903	854//	01711	88619			485	97031	02	+	ir _o	30											
Wittering	462	80108	59022	36303	855//	00705	88624			462	80114	56503	34403	854//	01711	85613	88621			462	97021	00	+	id _o	29										
Boscombe Down	746	80204	59022	35102	856//	52802	88634			746	80109	58021	33102	856//	51715	88630			746	97001	51	+	ic _o	28											
Ross-on-Wye										627	83606	63022	34203	855//	51715	88625			627	00011	01	+	+	27											
Bristol	628	70106	59012	35602	756//	52805	87630			628	80110	62031	33402	855//	51812	88628			628	00001	53	+	+	26											
Aberporth	502	30908	48051	36200	35500	53207	83625			502	10000	56051	35652	15600	54803	81640			502	00533	58	+	+	25											
Rhoose (Cardiff)	715	81010	62012	35602	856//	52801	88631			715	80507	62031	34102	855//	51807	88627			715	00511	53	+	+	24											
Plymouth	827	80610	56022	34402	855//	52110	83622	88627		827	60000	58021	33301	45601	51705	84635	86075			827	00001	54	+	+	23										
Chivenor	707	81012	56021	35402	854//	52006	88618			707	00508	48021	33901	00900	51807				707	00501	55	+	+	22											
St. Mawgan	817	00913	50051	34001	00900	00210				817	00607	50050	33852	00900	53701				817	00533	55	+	+	21											
Culdrose	809	81016	50052	33004	854//	01212	88618			809	70507	40051	32702	755//	50702	87625			809	00521	54	+	+	20											
Scilly	804	80922	56602	32107	863//	06203	88706			804	20914	61026	32105	25500	01101	82623			804	97041	//	ir _o	+	19											
Elmdon	534	80404	63022	36502	855//	51605	88628			534	83608	60022	35102	855//	50708	88622			534	00021	01	+	+	18											
Shawbury	414	80000	40042	37200	856//	51804	88631			414	80305	40042	35902	855//	51711	88625			414	00511	53	+	+	17											
Manchester	334	70000	58025	37203	756//	51801	87630			334	63103	74012	35702	655//	51614	86624			334	00021	00	+	+	16											
Squires Gate	318	81405	30205	37303	873//	02002	82706	85708	88712	318	70908	70022	36503	755//	00706	87622			318	97031	01	id _o	+	15											
Valley	302	70709	28042	36905	756//	03207	87635			302	00809	59020	36501	00900	51001				302	00513	55	+	+	14											
Ronaldsway	204	81516	48042	36806	863//	05001	84707	88714		204	51214	62045	37004	55500	01601	85625			204	97030	01	id _o	+	13											
Carlisle	222	30608	48016	37905	35300	05801	81708	83630		222	20804	74011	38003	25600	50801	82635			222	97013	53	ir _o id _o	+	12											
Watnall	354	80302	48022	37002	855//	51604	88625			354	80405	62022	35302	854//	01613	88617			354	00021	51	+	+	11											
Spurn Head	396	80712	63022	37204	855//	50602	88625			396	80814	59022	35404	855//	01707	88625			396	00030	//	+	+	10											
Finningley	360	80304	32042	37803	855//	02602	88624			360	80108	59022	36103	855//	00709	88628			360	00021	00	+	+	9											
Dishforth	261	83503	17105	38205	855//	03803	88626			261	70107	66031	70002	755//	02708	87621			261	00021	51	+	+	8											
Tynemouth	262	81609	61025	38505	856//	05101	88630			262	80811	74022	38305	856//	01802	88630			262	00041	02	+	+	7											
Eskdalemuir	162	80602	58206	38404	852//	03602	82705																												

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37306

Date of Issue Sunday 12 January 1964

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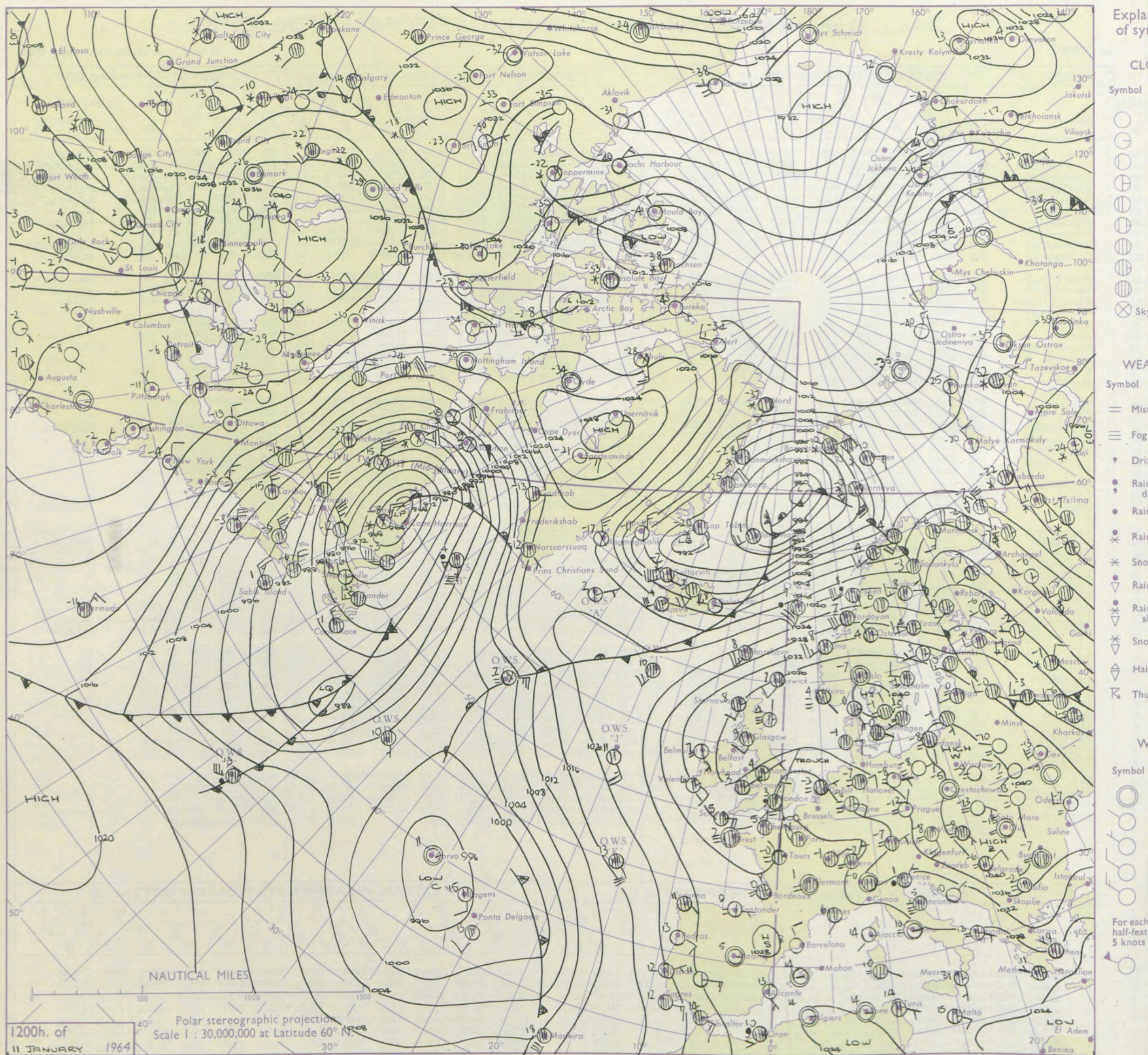
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Code FM 11.A										OBSERVATIONS at 12h. 11 January 1964										OBSERVATIONS at 18h. 11 January 1964										OBSERVATIONS during DAY									
Station		ill	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s 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	X	F	S	WEATHER													
																																09h.—15h.	15h.—21h.						
Kew		775	80413	58616	30003	88511	00812	86820	88639		775	80315	62606	29601	85411	52305	86717	88638		775	97041	000	r_o_r_o					r_o_r_o_r_o_s_o											
London Airport		772	80111	48515	30303	85411	01811	87710	88618		772	80308	40687	29501	85411	52303	88616		772	97031	000	d_o_d_o_r_o_s_o_r_o_s_o						1s_r_o_s_o_r_o_s_o											
Gatwick		776	80612	48505	29502	85411	51710	81712	88625		776	80406	37687	29000	87311	50304	83706	88708		776	91031	000	i_d_o_i_s_o_i_r_o_s_o					1s_r_o_s_o_r_o_r_o											
Thorney Island		871	80110	58036	30003	85411	01812	84715	88627		871	80607	50607	29302	85411	51308	85619	88628		871	97041	000	i_r_o_i_r_o_s_o					1r_o_i_r_o_s_o											
Hurn		862	70110	50202	30804	75411	01812	81710	83716	87622	862	80407	48216	28902	85411	51400	84715	88622		862	92041	111	d_d_i_r_o_d_o_r_o					d_o_r_o_r_o_r_o											
Guernsey		894	80112	66258	30004	88411	00809	86818	87630		894	80211	63808	27604	88411	00502	83818	87625		894	97051	000	i_r_o_p_r_o					p_r_o											
Wattisham		590	80513	58237	30801	85411	51803	86615	88625		590	80307	30687	30351	86311	51305	88708		590	97021	111	i_r_o_s_o_i_s_o					1s_o_i_r_o_s_o												
Gorleston		497	80520	58052	31501	85411	51804	83718	88625		497	80712	58052	30701	85411	51703	88618		497	00040	000	+					+												
Mildenhall		578	80709	58515	30903	85311	00808	87708	88635		578	80706	56685	31100	85411	52206	86614	88620		578	97041	000	i_d_o_d_o_d_o					1r_o_s_o_r_o_s_o_r_o_s_o											
Cardington		559	80114	58505	31403	85511	00815	81620	88625		559	80312	56057	31200	85411	52310	88616		559	01041	000	i_d_o					1r_o_i_d_o												
West Raynham		485	80519	64606	31103	85411	01810	85615	88622		485	80712	56026	31300	85411	52306	88616		485	97031	000	i_r_o					1s_o												
Wittering		462	80215	61022	32803	85411	01810	83615	88625		462	80608	58026	31601	85511	51206	83620	88631		462	97031	000	i_d_o_d_o_r_o					1r_o											
Boscombe Down		746	80109	59505	31603	85411	00808	85711	88630		746	80808	59207	29902	85411	51500	82712	88618		746	97031	000	i_d_o_i_s					1d_o_i_s											
Ross-on-Wye		627	80310	48052	32903	85511	00811	88625		627	83607	48052	30903	85511	00602	88625		627	97041	000	+						1r_o												
Bristol		628	80109	58022	32603	85611	51807	88630		628	83611	32505	30203	85411	01803	88617		628	91041	000	+						1d_o												
Aberporth		502	70506	58052	34903	75511	52709	87625		502	70315	58052	33003	75511	50200	87625		502	00041	000	+						+												
Rhoose (Cardiff)		715	80311	61022	33504	85511	51802	84620	88630		715	80310	56025	30803	85511	51708	84625	88644		715	97031	000	+					1d_o											
Plymouth		827	83307	28041	33303	85411	00805	83713	88635		827	73207	28042	30704	75411	50801	83714	87630		827	00051	000	+					+											
Chivenor		707	80308	62031	34004	85611	00707	88635		707	70210	58012	31204	75511	51609	84625	87633		707	00051	000	+					+												
St. Mawgan		817	70808	64030	33603	75611	51803	87630		817	80508	59022	31303	85511	51705	88624		817	00031	014	+						+												
Culdrose		809	20514	60051	32904	25600	51401	82635		809	80307	59051	30903	85511	51704	88627		809	00040	027	+						+												
Scilly		804	70919	66012	32705	75511	01001	87629		804	70812	59021	31505	75511	00602	87620		804	00060	037	+						+												
Elmdon		534	70213	40042	33603	75411	01711	84615	87625		534	80111	28235	31303	85311	01001	84708	88618		534	97031	000	i_d_o					d_o_d_o_r_o_s_o_r_o_s_o											
Shawbury		414	83608	57042	35203	85511	51808	86625	88630		414	83612	48042	33103	85511	50601	81620	88632		414	00031	000	+					+											
Manchester		334	70607	40042	35004	75511	51810	87620		334	80411	32042	32904	85511	52702	88620		334	00041	000	+						+												
Squires Gate		318	70606	48042	36104	75511	01807	87625		318	70307	28042	34304	75511	00504	87627		318	00041	001	+						+												
Valley		302	80408	61021	35604	85611	01809	88635		302	70105	61022	33904	75511	01501	87627		302	00051	000	+						+												
Ronaldsway		204	81006	62022	36505	85511	02807	88628		204	80107	61022	34704	85511	02706	88621		204	00060	000	+						+												
Carlisle		222	70810	66021	37605	75411	01807	81718	87634		222	80406	61032	35904	85511	51601	88623		222	00051	009	+					+												
Watnall		354	70411	48012	33803	75411	01811	81715	87620		354	80708	48505	32102	85511	01601	88620		354	97031	000	i_d_o					1d_o_d_o_d_o_i_r_o												
Spurn Head		396	80128	57022	33004	85511	01711	88620		396	70716	59012	31905	85511	00603	87620		396	00050	000	+						+												
Finningley		360	70310	58012	35104	75511	01809	87628		360	80112	50046	33403	85511	00302	88622		360	97041	000	i_r_o						d_o_d_o												
Dishforth		261	83609	61032	36303	85411	00709	84617	88620		261	80206	61032	34403	85511	00500	85620	88624		261	00041	000	+					+											
Tynemouth		262	80610	66022	37305	85611	01809	88630		262	80713	61022	35604	85611	03606	88630		262	00051	000	+						+												
Eskdalemuir		162	70605	74012	37603	78411	01805	83818	87630		162	70403	67032	36102	78411	51603	86817		162	00041	006	+					+												
Mull of Galloway		131	80910	60022	38005	85511	01703	88626		131	70912	74022	35504	45608	01713	84630	85270		131	00061	111	/					/												
Prestwick		135	20802	60041	36707	25600	03806	82640		135	10706	66021	35501	15600	00602	81635		135	00073	025	+						+												
Renfrew		141	70905	06445	37406	75311	05807	85708	87612		141	70807	17044	36006	75611	03604	87635		141	97071	002	i_d_o_f_f					+												
Leuchars		171	70000	04425	37705	76211	05703	87703		171	80000	70205	36404	85511																									

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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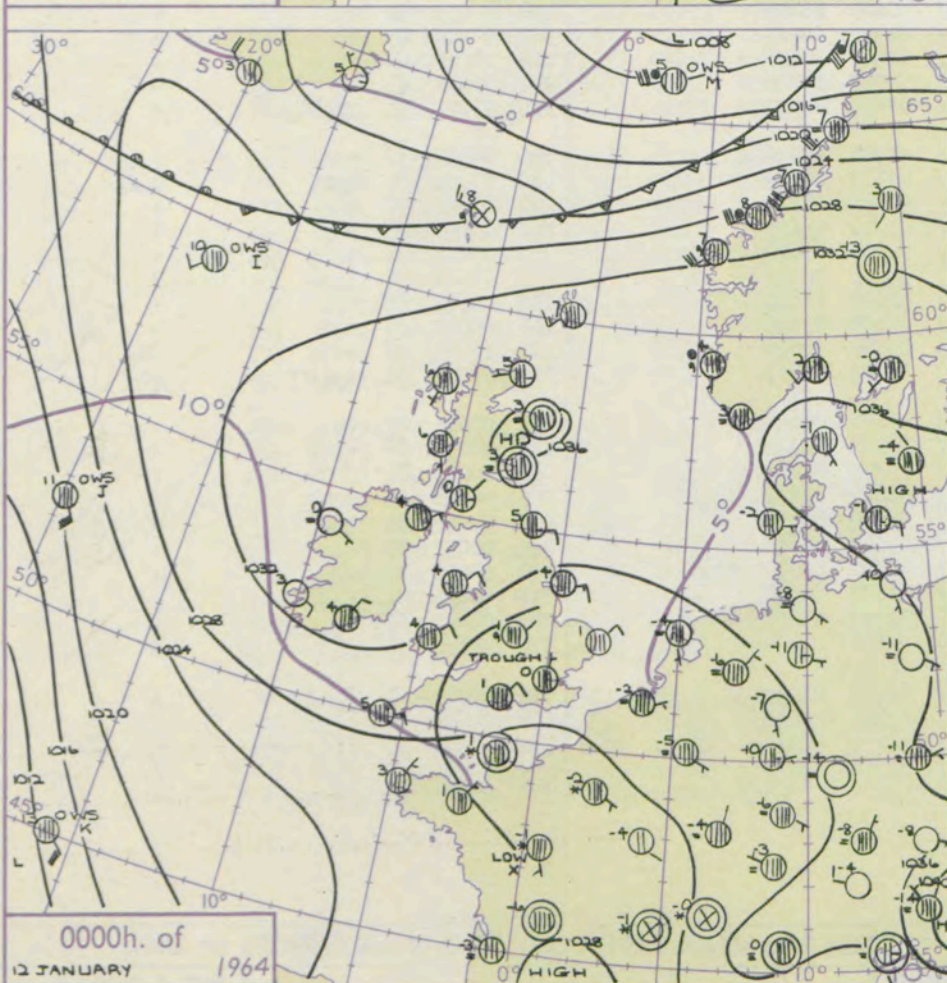
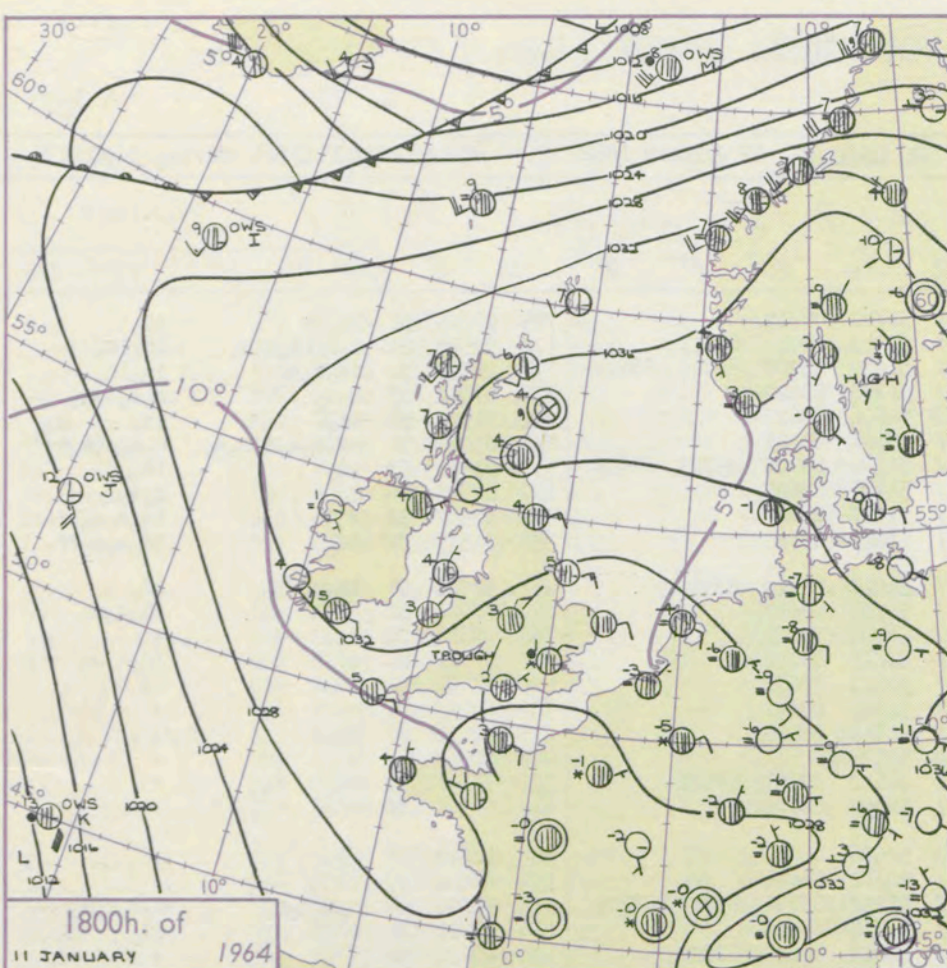
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GENERAL SYNOPTIC DEVELOPMENT

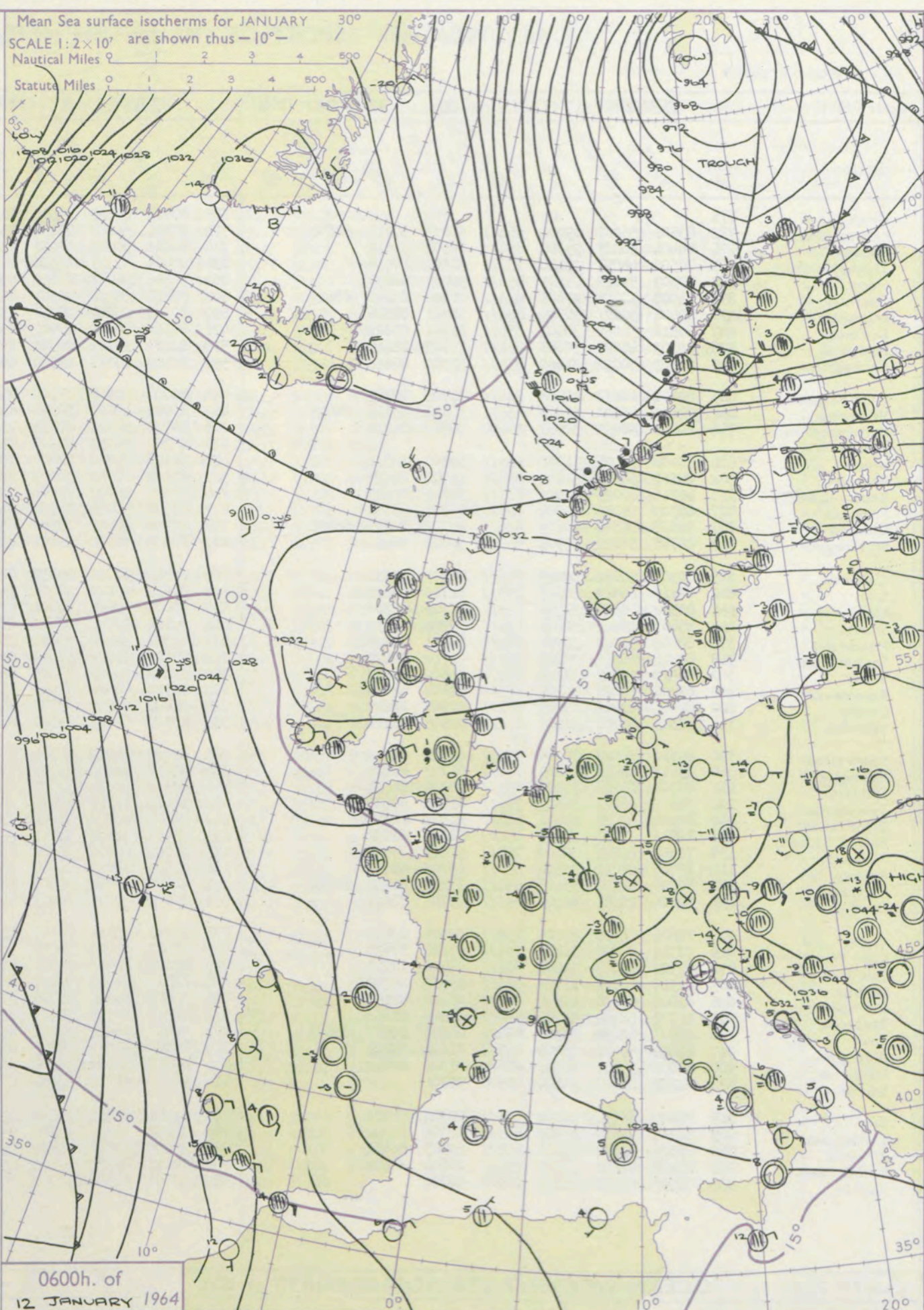
The ridge of high pressure over northern districts of Britain has persisted while strong pressure rises have been maintained over east Greenland and the Iceland area, resulting in the development of a new high cell over east Greenland. This anticyclone, intensifying further, will move southeast and dominate the weather over much of the British Isles. A weak trough of low pressure over France will remain slow moving, and continue to affect south and south west districts of England and Wales.

Issued at midday Sunday 12 January 1964

1964 FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will be generally cloudy with a few bright intervals in the northwest. The southern half of England and Wales will have snow at times, mostly slight, while further north there will be a little rain or drizzle in places, with some snow over the hills. It will be very cold in the south, and mostly cold elsewhere, with slight frost in many places at night.

OUTLOOK for the following 24 hours.
Generally cold or rather cold. Further occasional snow over the southern half of Britain.



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

Code FM 11.A		OBSERVATIONS at 00h. 12 January 1964										OBSERVATIONS at 06h. 12 January 1964										OBSERVATIONS during NIGHT					CONV TA °C to
Station	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	RRRT _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			01						775	80507	60027	29501	864//	51712	88712			775	93005	51	1s ₀ 1s	1d ₀	40			
London Airport	772	83606	56207	29900	854//	51803	87712	88630		772	80306	56207	28400	854//	52712	83711	88617		772	92505	51	d ₀ d ₀ 1s ₀ s ₀ s ₀	1d ₀ 1s ₀	39			
Gatwick	776	80404	50227	29300	854//	50502	88614			776	80403	40247	28251	853//	51810	85708	86710	88618	776	01515	52	1s ₀ s ₀ s ₀	1s ₀ 1r ₀	38			
Thorney Island	871	70505	48057	29400	757//	51602	87656			871	80403	37227	28300	855//	51708	88622			871	97501	53	s ₀ s ₀	s ₀ s ₀ 1s ₀	37			
Hurn	862	80509	59022	29401	856//	52003	88630			862	50306	59017	28650	555//	52606	85627			862	91511	52	1s ₀	1s ₀	36			
Guernsey	894	81008	58838	27601	883//	01400	85808	88620		894	80610	56228	26501	863//	00610	88708			894	03006	51	pr ₀ s ₀ s ₀ s ₀ r ₀ s ₀	r ₀ s ₀ sss ₀ s ₀	35			
Wattisham	590	80408	30707	30750	854//	52801	88616			590	80305	23027	29051	851//	51509	83702	85705	88614	590	91516	53	1s ₀	1s ₀	34			
Gorleston	497	80511	58052	30901	855//	51701	88622			497	80310	56702	29901	855//	51707	88620			497	97001	00	+	s ₀ s ₀	33			
Mildenhall	578	80203	48027	30801	854//	51804	88615			578	80103	37712	28900	854//	51610	88618			578	02507	51	+	1s ₀ s ₀ s ₀	32			
Cardington	559	80307	50022	31400	854//	52500	88616			559	83405	23717	28950	854//	51617	88618			559	01517	50	1d ₀	1d ₀ s ₀ s ₀ ff	31			
West Raynham	485	80604	48027	30900	864//	51705	88711			485	80000	32027	29100	854//	51610	84712	88620		485	97501	51	1s ₀	1d ₀	30			
Wittering	462	80102	48022	31600	854//	52604	85618	88625		462	83503	48025	30200	854//	51706	88617			462	97001	51	+	1d ₀ d ₀ d ₀	29			
Boscombe Down	746	40203	58011	30051	46400	53803	84714			746	70103	59021	29651	754//	53706	87619			746	00511	54	+	+	28			
Ross-on-Wye										627	80302	48052	29200	864//	50615	88710			627	97001	50	+	1d ₀	27			
Bristol	628	80606	61025	31001	855//	52306	88628			628	70106	59012	29000	755//	51817	87626			628	97001	51	+	1s	26			
Aberporth	502	80511	58052	31804	856//	52704	88631			502	80408	58052	30003	856//	51610	88631			502	00031	01	+	+	25			
Rhoose (Cardiff)	715	80715	62025	30502	855//	51801	88623			715	80506	59022	29301	856//	51711	88632			715	97001	00	1d ₀	+	24			
Plymouth	827	80309	56042	29904	856//	00704	88630			827	03508	58041	28900	00900	53707			827	00513	57	+	+	23				
Chivenor	707	80507	56502	30604	854//	01702	86616	88628		707	80902	48025	29302	854//	51612	82617	88628		707	97011	01	1d ₀	+	22			
St. Mawgan	817	80707	58022	30703	855//	50601	88624			817	80808	58022	29301	855//	52609	88628			817	00501	52	+	+	21			
Culdrose	809	80509	56052	30003	856//	51803	88630			809	00910	60021	28850	00900	52606			809	00513	55	+	+	20				
Scilly	804	80715	66022	30305	855//	51710	88628			804	80915	59022	28405	855//	00712	88628			804	00030	//	+	+	19			
Elmdon	534	80502	48517	31501	873//	50703	88709			534	80000	19586	29801	870//	01711	83701	85703	88705	534	01001	00	d ₀ r ₀ d ₀ r ₀	d ₀ r ₀ r ₀ s ₀	18			
Shawbury	414	83607	48042	32003	856//	50708	88632			414	80106	48042	30002	856//	51711	88632			414	97021	01	+	1d ₀	17			
Manchester	334	80304	56042	31904	855//	52811	88625			334	80303	59022	30303	855//	52812	82620	88628		334	00031	02	+	+	16			
Squires Gate	318	80306	56042	33104	855//	01710	88624			318	80106	66022	31403	855//	00609	88625			318	00031	02	+	+	15			
Valley	302	80510	59022	33404	855//	01602	88627			302	80406	59022	31404	855//	01710	88627			302	00041	03	+	+	14			
Ronaldsway	204	80208	64022	34204	855//	02604	88628			204	80310	64022	32504	855//	01607	88628			204	00020	01	+	+	13			
Carlisle	222	80406	62022	35003	854//	00706	88619			222	80609	62022	33504	855//	51608	88626			222	00031	03	+	+	12			
Watnall	354	80303	56206	31502	874//	01605	88714			354	80302	56022	29502	855//	00613	88622			354	97021	01	1r ₀ 1d ₀	+	11			
Spurn Head	396	80714	58022	31204	855//	01712	88620			396	80715	58022	29304	855//	01706	88620			396	00030	//	+	+	10			
Finningley	360	83611	48045	32203	855//	01709	88629			360	83610	62025	30303	855//	01713	88629			360	97031	01	d ₀ d ₀	d ₀ d ₀	9			
Dishforth	261	80307	61022	33003	855//	00709	88624			261	80310	62022	31303	854//	50710	88617			261	00021	02	+	+	8			
Tynemouth	262	70812	66022	34505	756//	01711	87630			262	80614	66022	32904	855//	01712	88625			262	00041	03	+	+	7			
Eskdalemuir	162	80504	62022	35401	864//	51707	88715			162	80306	62022	33802	854//	51708	88619			162	00011	01	+	+	6			
Mull of Galloway	131	10911	74011	35703	15600	51601	81630			131	80911	74022	33703	865//	00602	88724			131	00021	//	/	/	5			
Prestwick	135	70302	62021	35200	755//	51803	87628			135	80000	62022	33901	856//	51607	88634			135	00521	55	+	+	4			
Renf																											

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37307

Date of Issue Monday 13 January 1964

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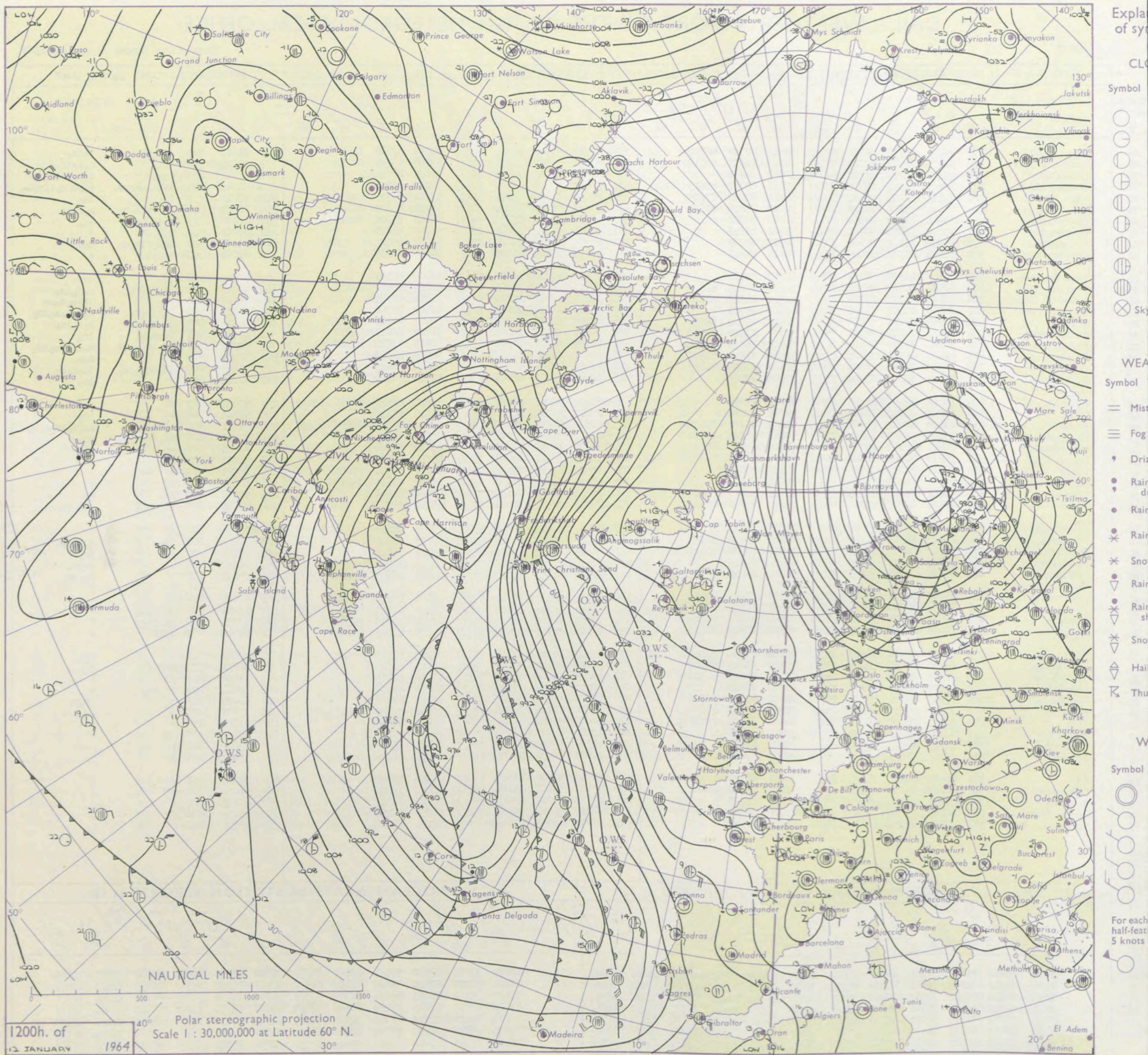
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Code FM 11.A		OBSERVATIONS at 12h.										12 January 1964										OBSERVATIONS at 18h.										12 January 1964										OBSERVATIONS during DAY			
Station		iii	Nddff	VVwwwW	PPPTT	NhChCmCh	Td app	8N5Chh5s	8N5Chh5s	8N5Chh5s	iii	Nddff	VVwwwW	PPPTT	NhChCmCh	Td app	8N5Chh5s	8N5Chh5s	8N5Chh5s	iii	Nddff	VVwwwW	PPPTT	NhChCmCh	Td app	8N5Chh5s	8N5Chh5s	8N5Chh5s	iii	RRT x E	SSS	WEATHER													
																																09h.-15h.	15h.-21h.												
Kew	775	80406	20717	27301	87311	51811	87708	88712			775	80910	33507	24801	87311	51609	87708	88712			775	01016	000	s0s0							1s1d0														
London Airport	772	80206	18717	27701	87411	51710	84710	88714			772	80806	24507	24601	87311	50608	85708	88712			772	01015	000	s0s0							s0s01d0														
Gatwick	776	90303	14717	27300	91111	50810	89103				776	80603	09417	24451	86211	51609	88704			776	02017	000	s0s0								s0s0ssff1s0														
Thorney Island	871	70105	20717	27301	75411	51811	81712	83625	87645		871	80901	07707	23900	87211	50714	88703			871	01015	000	1s0s0s0r0s0								1s0s0s0ffr0s0														
Hurn	862	70306	48032	27401	75411	51812	83712	87625			862	80405	56227	24001	85411	51714	83712	88622			862	97011	111	1s0							1s0														
Guernsey	894	70000	48708	26601	78411	52000	82818	87645			894	70306	56707	23000	68521	51718	84620	86640			894	01016	000	1s0ps0s0s0							s0s01s														
Wattisham	590	80408	11717	27950	87211	51809	88703				590	80310	23107	25750	85311	51603	85706	88620			590	96006	111	s0s0							1s0														
Gorleston	497	80810	56057	28801	85411	51706	88618				497	80502	56052	26801	85511	51710	88623			497	97011	000	s0s01s0								+														
Mildenhall	578	80202	05717	27800	87311	50712	88707				578	80406	23107	26000	85511	51605	88627			578	01007	000	s0s0ff0d0d0								d0d0														
Cardington	559	80204	15717	28000	85411	00714	88612				559	80309	19107	26000	85411	50505	88615			559	02006	000	s0s0								+														
West Raynham	485	80407	40505	28101	86411	51710	88710				485	80812	32035	26550	86311	52604	88709			485	97011	000	1d0								+														
Wittering	462	80507	40507	28201	85411	50811	83615	88622			462	80711	48027	26700	85411	52602	86711	88615			462	97011	000	1s01d0r0s0							r0s01s0														
Boscombe Down	746	80105	35707	28200	85411	52712	84710	88620			746	90405	17717	24851	91111	51713	89103			746	01007	000	1s0								1s0s0s0ss														
Ross-on-Wye	627	80106	24507	28102	86311	01810	88708				627	80309	24237	25401	86311	00707	88708			627	01021	000	1d01r0s0								r0s0r0s01d0														
Bristol	628	83002	11717	28400	85411	51815	85712	88620			628	80408	23107	25001	85411	50609	84615	88625			628	02016	000	1s0s0s0ss							s0s01s0														
Aberporth	502	70613	62015	29403	78511	51807	83820	87650			502	80611	48058	26403	88411	51712	81817	88650			502	97031	005	1d0pr0							1r0														
Rhose (Cardiff)	715	80000	11772	28501	86211	00807	86705	88712			715	80512	48237	24901	85411	00815	83615	88640			715	01011	000	1d01r0s01f							s0s0r0s01d0														
Plymouth	827	43106	40040	28101	48500	51510	81820	84640			827	80111	23041	24402	85511	51619	88625			827	97031	008	+								s0s0														
Chivenor	707	80905	58505	28402	75521	50808	87628	88459			707	80306	40687	25002	85511	00621	88625			707	94031	000	1d0d0s01s0								1d0r0s0														
St. Mawgan	817	70708	59021	28502	75511	51806	87624				817	80208	58052	25001	85511	51716	88627			817	97021	014	+								1s0														
Culdrose	809	10810	58050	28202	18500	52805	81820				809	80406	50051	24502	68421	52714	82815	86620	88459			809	97021	039	+						1s0														
Scilly	804	70818	64022	28104	75511	52708	87628				804	80810	58026	24604	85411	51716	88612			804	97051	006	+								1r0														
Elmdon	534	80310	35047	28602	85411	01809	85712	88625			534	80510	28507	26300	85311	50707	83707	86710	88614			534	01021	000	r0s01s0							ss1s01d0r0s0													
Shawbury	414	73609	50507	29603	75511	50808	84625	87630			414	80310	56045	27002	85511	51606	88625			414	97031	000	1d01s0d0d0								1d0														
Manchester	334	80413	28042	29603	85411	51806	85618	88625			334	80616	48212	27303	85511	53810	88624			334	97031	000	+								1r0														
Squires Gate	318	70510	56045	31004	75511	00804	84620	87625			318	70815	56045	28803	75611	51704	87630			318	97051	002	1d0								+														
Valley	302	80711	61022	31004	85511	01802	88625				302	70515	61022	28204	75511	01607	83620	87635			302	00051	000	+							+														
Ronaldsway	204	80608	64022	31904	85511	00803	88627				204	60417	62012	29104	65511	01710	82625	85637			204	00050	000	+							+														
Carlisle	222	70406	62012	32704	78511	01811	81820	83622	87628		222	20405	62018	30403	25600	01710	82640			222	91051	000	pr0								pr0														
Watnall	354	80505	40205	28802	85411	50810	82710	88620			354	80711	48515	26701	87411	50704	88713			354	97021	000	1d0d0d0								d0d01r0s0														
Spurn Head	396	80615	58022	28904	85411	51705	88615				396	80815	57022	27504	85311	51703	88607			396	00040	000	+								+														
Finningley	360	80210	58502	30003	85411	00806	83625	88630			360	80211	59207	27803	85511	50708	88625			360	97031	000	1d0								d0s01d0														
Dishforth	261	70612	56212	31003	75511	01806	82620	84625	87632		261	80309	63016	29203	85511	52805	88627			261	97041	000	1r0								1r0														
Tynemouth	262	70815	66022	32505	75511	01804	87625				262	70817	74252	31006	75611	00706	87635			262	01062	000	+								prpr0														
Eskdalemuir	162	80404	70022	32703	85511	51812	88627				162	70505	67258	31702	78311	01703	81709	81816	87630			162	95041	001	+						pr01r0														
Mull of Galloway																							131	111	111	111	111	111	111	111	111	111	111	111											
Prestwick	135	80207	50042	33703	85511	01705	82625	88630			135	71005	56042	31703	75611	01508	82630	87638			135	00041	000	+								+													
Renfrew	141	80606	37502	34105	85511	02805	83627	87633			141	80605	40046	32305	85511	01808	82620	83625	87637			141	97061	000	1d0d0r0							+													
Leuchars	171	70510	74025	34205	75411	01804	84615	87625			171	70207	70022	32603	75611	02706	82635	87650			171	97051	000	1d01r0							+														
Dyce	091	70000	37282	35503	75411	03801	82712	87635			091	80000	56042	32804	85511	02809	82625	88643			091	00041	000	1f1f							+														
Wick	075	60000	80012	34005	35731	03804	83650	86362			075	80405	62616	32705	85411	05502	85710	88620			075	02062	022	+							r0r0														
Cape Wrath	049	62304	83012	34406	35531	05400	83625	86360			049	72305	82026	33007	75511	05714	87625			049	03091	111	+								1r0														
Sule Skerry	010	62705	66022	34309	56531	08201	85720	86360			010	80209	66038	33407	86411	05205	88715			010	97090	111	111	111	111	111	111	111	111	111	111	111	111												
Lerwick	005	73407	37508	32107	76171	06500	87702				005	70216	74035	34103	75511	00213	83620	87641			005	91081	000	pr01d0							+														
Stornoway	026	71803	66012	35506	75511	06002	82628	87650			026	80000	58212	34106	80921	06707	88458			026	01071	003	+								1r0rr														
Benbecula	022	70000	63012	35506	75611	06004	83645																																						

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

ation
mbols

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Cloud
Amount
(oktas)

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

ATHER
Weather

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and snow

shower

and snow
ower

w shower

shower

nderstorm

ND

Wind
speed
(knots)

Calm

1-2

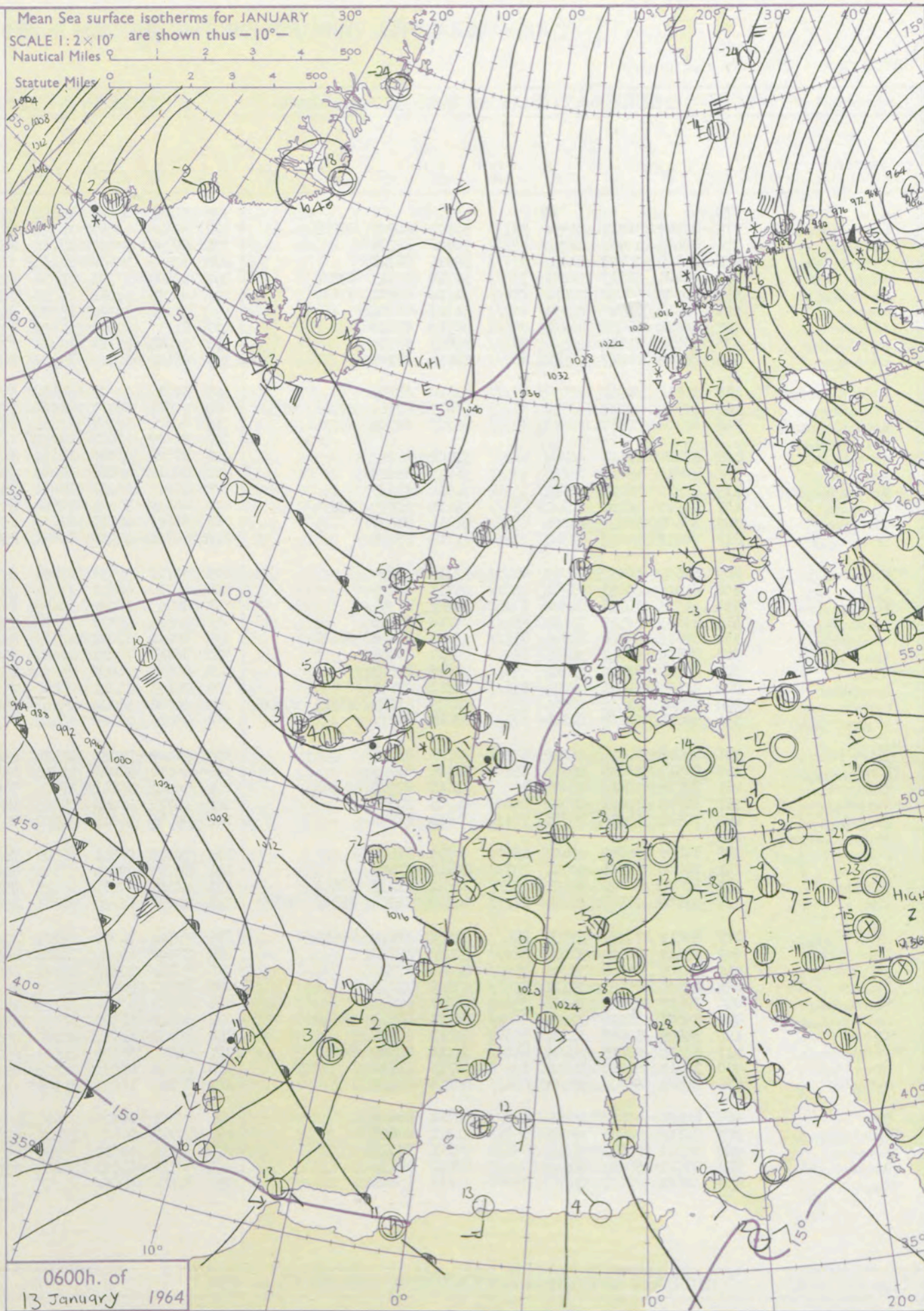
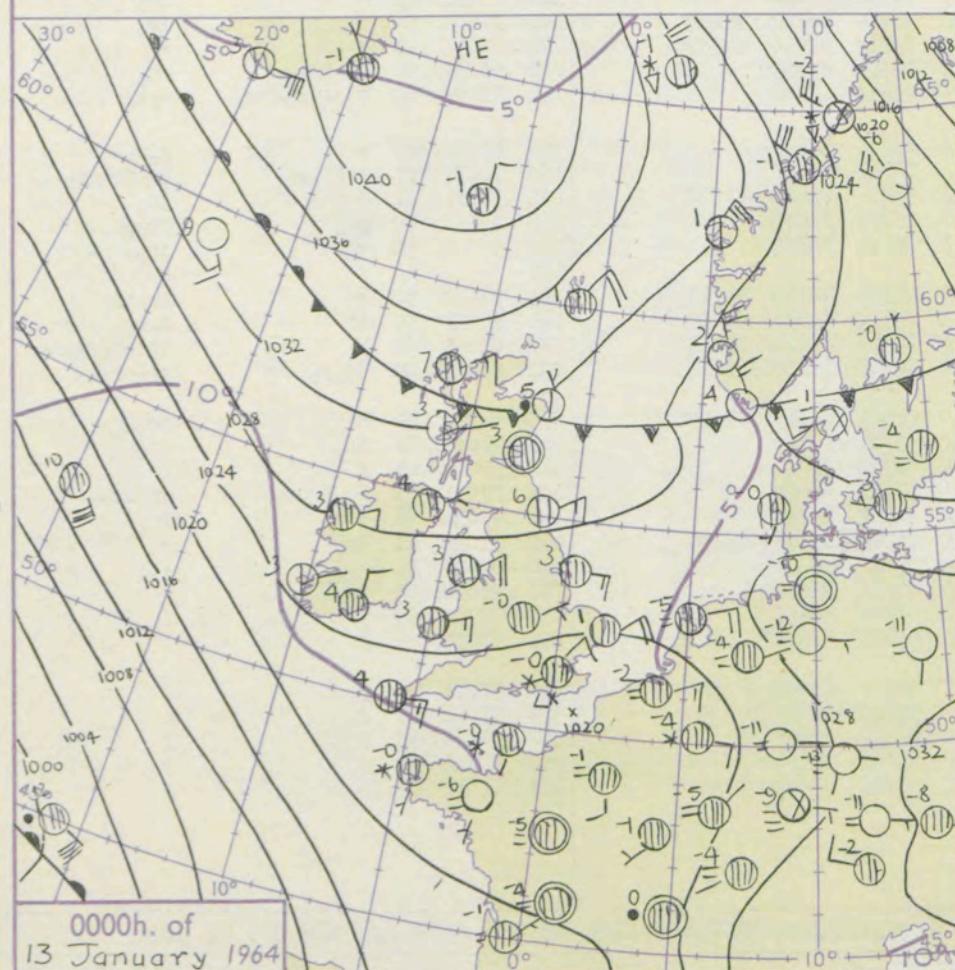
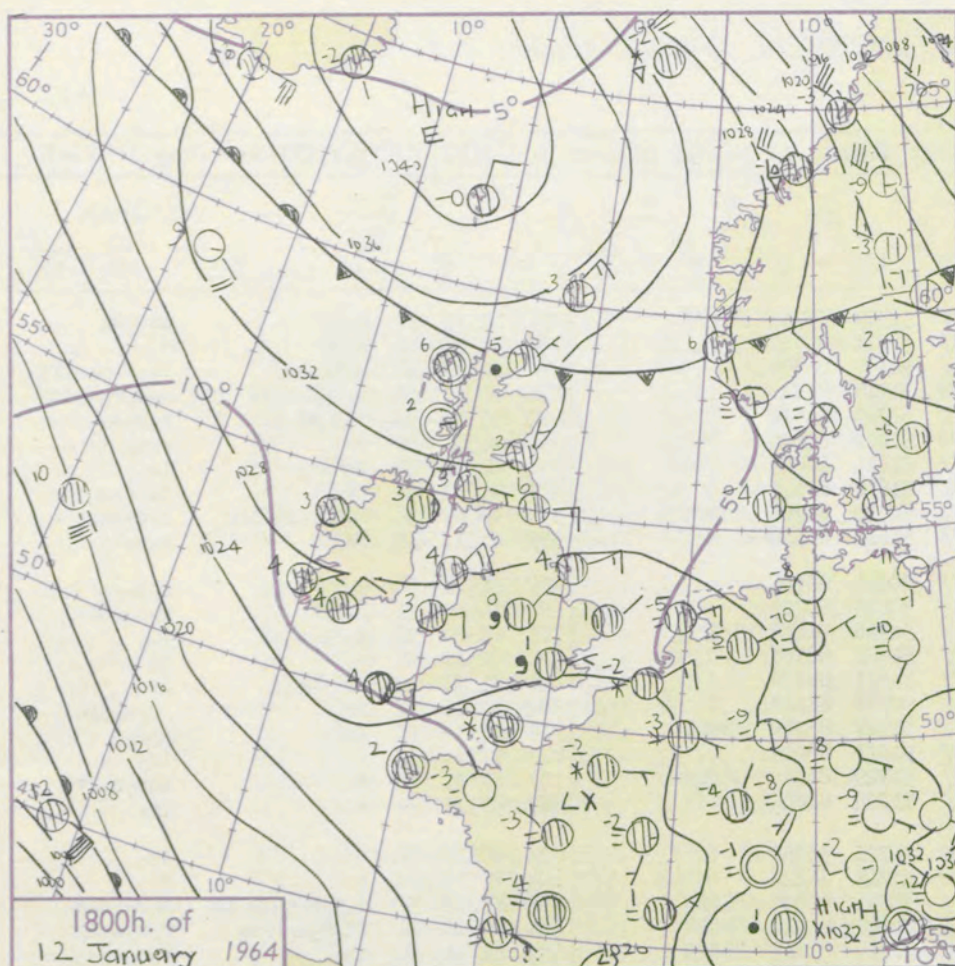
3-7

8-12

13-17

additional
er add

48-52



Mean Sea surface isotherms for JANUARY
SCALE 1:2 x 10⁷ are shown thus -10°-

Statute Miles 0 1 2 3 4 500

Nautical Miles 0 1 2 3 4 500

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 13 January

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The anticyclone which developed over Greenland yesterday and moved southeast has now become slow-moving. With a steady fall of pressure over France and Spain a trough will be maintained to the south of the British Isles. A cold front, lying from Denmark to southern Scotland will move slowly south for a time, but will later become almost stationary across Ireland and central England.

It will be cold and generally cloudy, with bright intervals in western Scotland and southern England. Occasional rain or showers will occur in the north with snow over high ground. Occasional snow showers will continue over southern and central England and Wales.

OUTLOOK for the following 24 hours. Generally cold. Occasional snow over southern Britain. Frost night and morning in many areas.

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

Code FM II.A		OBSERVATIONS at 00h. 13 January 1964										OBSERVATIONS at 06h. 13 January 1964										OBSERVATIONS during NIGHT					CONVECTIVE TABLE °C to °F
Station	iii	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	iii	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	iii	RRT _n T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			00						775	81009	40027	18850	854//	52509	87712	88630		775	02517	50	S ₀ S ₀	SSS ₀ S ₀	40			
London Airport	772	80309	20717	21550	873//	50723	84707	88708		772	80705	40057	18351	874//	52711	82710	88713		772	02517	54	S ₀ S ₀	+	39			
Gatwick	776	80406	10737	20750	872//	50826	88705			776	80908	37027	18252	862//	52507	88704			776	04527	55	S ₀ S ₀ SSff	IS ₀ SSS ₀ S ₀ ff	38			
Thorney Island	871	80101	20707	21451	873//	52816	88708			871	30609	40017	16451	37400	51718	83710			871	03527	55	R ₀ S ₀ S ₀ S ₀ SS	S ₀ S ₀ R ₀ S ₀ IS	37			
Hurn	862	70408	58017	21251	754//	52718	82715	87622		862	80307	37707	16851	854//	51723	88614			862	01516	53	S ₀ S ₀ SS	S ₀ S ₀ SS	36			
Guernsey	894	80505	50057	20050	884//	51716	85811	87630		894	20000	58011	16251	25570	52622	82620			894	01526	56	+	S ₀ S ₀	35			
Wattisham	596	80611	14777	22551	862//	51817	88704			590	81206	32707	19950	854//	51611	88616			590	03517	53	SSS ₀ S ₀	IS ₀	34			
Gorleston	197	80620	48057	21301	855//	50710	88620			197	81217	40682	21302	855//	01610	88620			197	01002	00	IS ₀	IS ₀ R ₀ S ₀	33			
Mildenhall	578	80406	11712	22500	872//	51823	88705			578	80805	12717	19801	872//	50612	84704	88706		578	03507	54	S ₀ S ₀ R ₀ S ₀ d ₀ d ₀	d ₀ d ₀ S ₀ S ₀	32			
Cardington	559	80208	14717	22551	862//	51824	88705			559	80407	32107	19550	8052/	51611	88526			559	03517	52	IS ₀ SS	S ₀ S ₀	31			
West Raynham	185	80717	30712	23000	873//	51820	88709			185	80612	20707	20400	872//	00614	88704			185	01506	50	S ₀ S ₀	S ₀ S ₀ SS	30			
Wittering	162	80310	19717	23300	872//	51820	82704	87706	88711	162	90511	09737	20100	911//	50616	89701			162	04507	51	S ₀ S ₀ SS	R ₀ S ₀ SSf	29			
Boscombe Down	746	80306	37707	22650	853//	51717	86709	88616		746	80608	37057	18651	853//	52718	84708	88616		746	01527	54	S ₀ S ₀ IS ₀ SS	IS ₀	28			
Ross-on-Wye										627	80807	48027	18250	863//	51622	88706			627	02517	51	+	SS	27			
Bristol	628	80406	28027	23500	864//	51708	88710			628	80608	23027	18150	863//	51621	88708			628	01517	52	IS ₀ ISS ₀ S ₀	SS	26			
Aberporth	502	80813	18026	23803	855//	51817	88625			502	80314	48686	19202	854//	00723	88618			502	97021	01	IR ₀	R ₀ S ₀ IS ₀	25			
Rhoose (Cardiff)	715	10512	56025	23051	15500	52814	81625			715	80510	56227	18051	854//	51727	85710	88620		715	96517	52	IS ₀	S ₀ S ₀	24			
Plymouth	827	80510	56047	22201	855//	51710	82820	88630		827	80310	56071	17601	855//	51623	88622			827	97506	53	+	IS ₀	23			
Chivenor	707	80608	58027	23001	856//	51614	88633			707	80606	28717	17800	854//	51729	84710	88615		707	07506	02	+	ISS ₀ S ₀ IS	22			
St. Mawgan	817	70810	40057	22301	755//	51714	87628			817	80706	40031	17851	856//	53724	88640			817	97525	53	+	IS ₀	21			
Culdrose	809	80609	56057	21700	857//	52716	88650			809	30710	56050	17551	35700	52721	83650			809	97523	54	+	IS ₀	20			
Scilly	804	80916	59022	21504	854//	51717	88619			804	40716	61012	17203	45500	53725	84625			804	00030	//	+	+	19			
Elmdon	534	80505	14716	24050	871//	50714	88702			534	80707	30722	19650	853//	50714	86707	88615		534	06517	52	d ₀ d ₀ S ₀ S ₀ IS ₀ SS	S ₀ S ₀ ISSS	18			
Shawbury	414	80203	37515	24401	854//	01818	88618			414	80616	28687	19902	854//	01720	85712	88614		414	01016	00	IS ₀ d ₀ d ₀ R ₀ S ₀	R ₀ S ₀ S ₀ S ₀	17			
Manchester	334	80615	59026	24603	855//	53815	85621	88630		334	80620	62027	20303	854//	51717	83615	88620		334	91021	02	IS ₀	R ₀ S ₀ S ₀ S ₀	16			
Squires Gate	318	70808	56042	26103	755//	00819	87629			318	30813	70022	21603	35600	00720	83630			318	97031	01	+	IR ₀	15			
Valley	302	80620	61022	25503	855//	51715	88627			302	80618	61022	21304	855//	01719	86622	88637		302	97031	02	+	IR ₀	14			
Ronaldsway	204	80413	62021	27004	856//	02814	88642			204	70413	66022	23405	755//	03615	81620	87637		204	00030	01	+	+	13			
Carlisle	222	70508	61616	28604	753//	03709	81709	83715	87628	222	20706	58026	25103	25400	01617	81715			222	91031	00	IR ₀ R ₀ R ₀	PR ₀	12			
Watnall	354	80611	32207	24201	873//	00618	88709			354	80815	26687	20402	873//	01613	88706			354	03007	50	R ₀ S ₀ IS ₀ S ₀ S ₀	S ₀ S ₀	11			
Spurn Head	396	80916	57022	25203	855//	00718																					

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

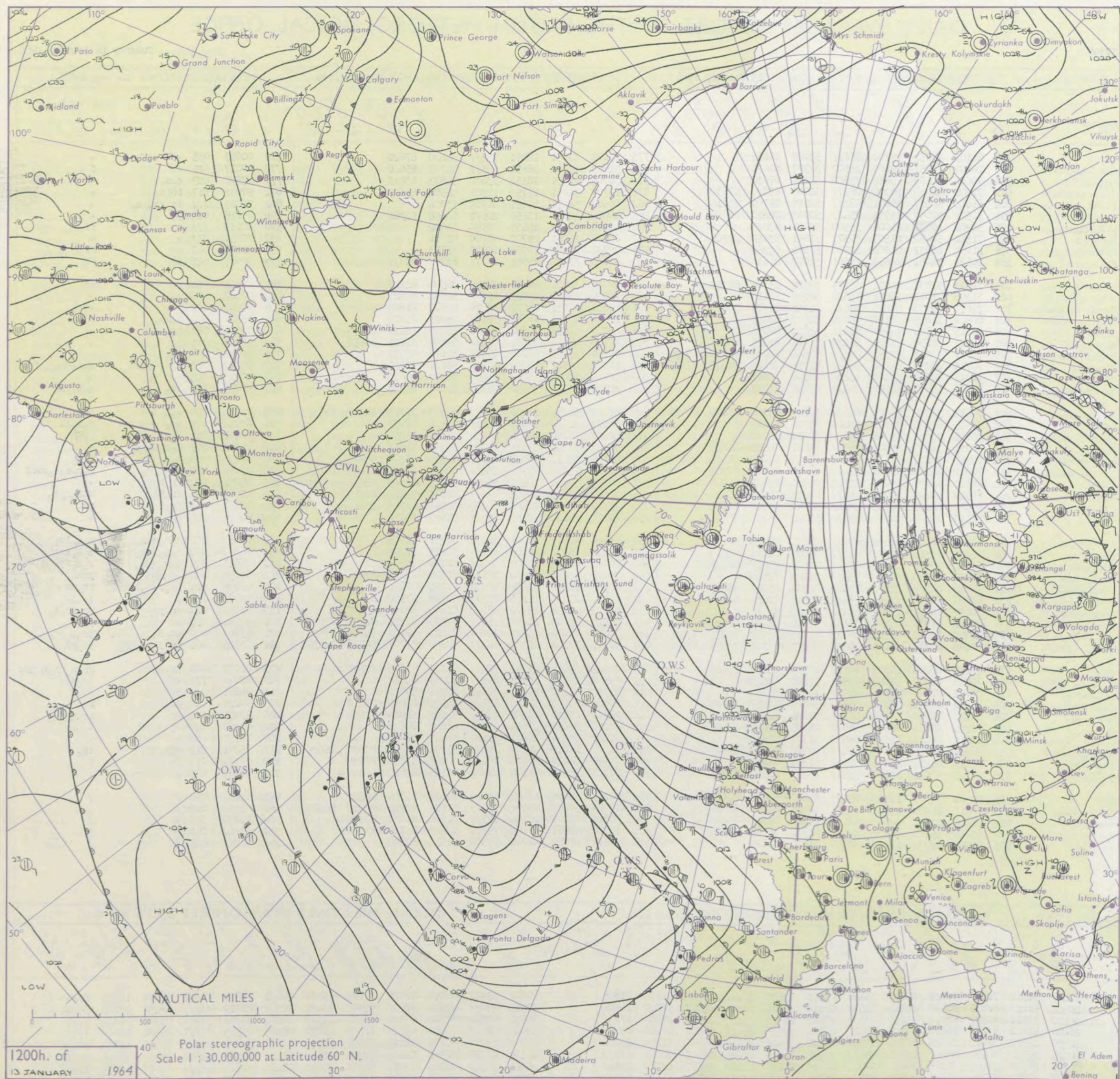
No. 37308

Date of Issue Tuesday 14 January 1964

STATION
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104	Kew	775	61109	13052	19700	65611	53202	86635		775	71008	37051	18551	75511	54400	87620		775	00017	035	+		+
102	London Airport	772	20807	19051	19600	25500	52307	82622		772	51009	28042	18652	55511	54702	85626		772	00017	021	+		f
100	Gatwick	776	70804	32107	19652	75600	53108	87630		776	30706	26051	18354	35400	56803	83615		776	97507	027	s ₀ s ₀		+
99	Thorney Island	871	71508	48057	18301	78511	52009	83820	87630	871	10707	32051	17752	14500	54501	81620		871	97026	017	1f1s ₀		+
97	Hurn	862	61413	50227	16901	68311	52102	82709	84814	862	00609	56011	16652	00900	53704			862	96025	111	1s ₀ 1ss ₀ s ₀		+
95	Guernsey	894	71512	50057	15951	75411	52703	84614	86620	894	30914	40051	13650	20972	53608	82360		894	00016	024	+		+
93	Wattisham	590	30902	40037	21000	35500	52001	83625		590	00406	14110	19453	00900	54802			590	00017	111	+		ff
91	Gorleston	497	71512	58052	21503	32571	51801	83825	87360	497	00000	16051	19700	00900	51701			497	00031	033	+		+
90	Mildenhall	578	21201	48037	20901	20930	52004	82362		578	00801	F5480	19555	00900	55703			578	00027	047	+		FF
88	Cardington	559	20506	58051	20653	15601	54007	81630		559	90602	F3494	19661	91111	64702	89111		559	00017	047	+		FF
86	West Raynham	485	71509	37037	21001	36271	50302	83704	87359	485	20000	30031	19451	25400	52506	82618		485	00023	024	+		1f
84	Wittering	462	31306	25017	20851	35600	52005	83645		462	10000	23041	19953	15600	54704	81645		462	00007	026	+		+
82	Boscombe Down	746	71011	32227	17850	75411	51701	83710	86625	746	10811	40051	18053	15500	55502	81620		746	97007	000	1s ₀		+
81	Ross-on-Wye	627	80908	24858	18151	86211	52803	88705		627	50602	24051	18054	56311	55603	85708		627	95507	000	psps ₀		+
79	Bristol	628	80615	26708	16950	87411	53812	88710		628	40910	40057	17552	25501	53303	82620	83075	628	97017	000	ps ₀		+
77	Aberporth	502	51011	58850	17201	58430	51608	81815	85625	502	70808	48028	16851	65531	52306	82625	86656	502	97021	015	ps ₀		+
75	Rhoose (Cardiff)	715	80817	37037	16751	88311	52806	82709	84815	715	80916	37057	16700	85611	51106	88631		715	92016	000	1s ₀		+
73	Plymouth	827	70710	48037	14801	58531	51716	81820	84625	827	10906	40028	13700	12500	51601	81820		827	95017	000	1s		s ₀ s ₀ ph ₀ r ₀ ff
72	Chivenor	707	40911	50017	16100	45400	52708	83618		707	10914	50021	14801	15500	52500	81620		707	00015	005	+		+
70	St. Mawgan	817	20708	58057	14500	28400	53720	81815		817	71018	37227	12550	75511	51400	87628		817	97016	030	1s ₀		s ₀ s ₀ 1s
68	Culdrose	809	70611	56707	14200	65431	52817	83716	86635	809	81210	50267	11401	85411	00603	81712	84717	809	03036	000	s ₀ s ₀		1s ₀
66	Scilly	804	50515	61028	13802	52400	52718	85815		804	80607	32697	10801	86311	01604	88707		804	02042	009	ps ₀		r ₀ s ₀ ss
64	Elmdon	534	20806	37047	19800	25600	52202	82630		534	10803	16101	19756	10930	56602	81360		534	91007	021	1s ₀ 1d ₀		1fFF
63	Shawbury	414	80911	32707	19801	85311	50101	84707	88615	414	30902	50047	19351	15770	53500	81656	83362	414	01023	009	s ₀ s ₀ ss1s ₀		+
61	Manchester	334	80915	50237	20102	85311	51105	81708	86615	334	80705	15712	19501	85211	51503	86705	88615	334	01035	000	r ₀ s ₀		s ₀ s ₀
59	Squires Gate	318	71022	61616	20404	35471	03001	82715	87360	318	80709	25717	19901	55421	00801	81710	84643	318	03056	000	1r ₀ r ₀ r ₀		r ₀ r ₀ s ₀ s ₀ ssff
57	Valley	302	70621	61606	18804	55721	03713	85625	86460	302	70714	57046	18401	25532	52102	82625	85365	302	94051	002	1r ₀ r ₀ r ₀		+
55	Ronaldsway	204	80519	74601	20906	85411	04712	82715	86622	204	81117	50686	19903	87411	02801	82711	88714	204	05061	000	1r ₀ RR		d ₀ r ₀ r ₀ s ₀
54	Carlisle	222	60425	66258	23205	58441	02807	83712	84640	222	30509	70018	22502	38440	50603	81715	83640	222	97061	002	pr ₀ f		pr ₀
52	Watnall	354	81109	17287	20800	85211	51203	86705	88625	354	80000	20102	19651	85411	51605	88617		354	94026	000	s ₀ s ₀ 1f		+
50	Spurn Head	396	80912	16687	21602	87211	01204	88705		396	83608	16717	19801	86211	00707	88705		396	08046	000	r ₀ r ₀ r ₀ s ₀		s ₀ s ₀ 1s ₀
48	Finningley	360	80606	28517	21801	85311	01005	86706	88615	360	80203	08737	20200	87111	50604	88702		360	06037	000	r ₀ s ₀ s ₀ s ₀		s ₀ s ₀ ssff
46	Dishforth	261	80810	48602	21805	85411	02805	86615	88625	261	80000	03717	20600	80221	50706	88504		261	05051	000	r ₀ r ₀ r ₀ s ₀		s ₀ s ₀ ffr ₀ r ₀
45	Tynemouth	262	70627	66258	24305	75511	03202	87625		262	70625	74028	22004	78511	01608	84825	87630	262	04071	000	prprh		prh
43	Eskdalemuir	162	70510	64506	24803	78411	01805	83712	85817	162	80507	16868	23201	88511	50706	87820		162	01035	004	1r ₀ r ₀ r ₀ 1s ₀ ps ₀		ps ₀ ps
41	Mull of Galloway	131	60720	81808	22505	68411	04711	82820	84630	131	70930	80258	21103	79511	00008	87920		131	94061	111	/		/
39	Prestwick	135	30520	70026	25004	35441	00003	81715		135	60517	70258	23202	68411	01805	83816	85627	135	93051	019	1d ₀ pr ₀		pr ₀ pr ₀ s ₀
37	Renfrew	141	60711	61036	27204	68431	51206	84818	84635	141	70714	56802	24403	78411	02609	82716	84820	141	97051	016	+		pr ₀
36	Leuchars	171	70312	70262	28202	78311	01801	81708	85815	171	70218	59268	25202	78311	01610	82708	84814	171	03051	000	pr ₀ s ₀		pr ₀ s ₀ pr ₀
34	Dyce	091	70207	66158	29902	78311	00807	81708	83815	091	80307	59268	27302	88311	50610	81707	82815	091	01021	000	pr ₀ s ₀ ps ₀ pr ₀		pr ₀ ph ₀ s ₀
32	Wick	075	80514	66268	31702	88411	00705	84818	87625	075	70521	69028	29302	78411	01709	82815	87625	075	01032	000	pr ₀ s ₀		pr ₀ s ₀ pr ₀ h ₀ pr ₀
30	Cape Wrath	049	70918	83022	31603	75511	52400	87625		049	80528	83602	29503	86511	00703	88725		049	92041	111	+		1r ₀ pr ₀ s
28	Sule Skerry	010	80713	81808	33504	86511	51206	88720		010	80718	74808	31304	87411	02711	88710		010	94041	111	/		/
27	Lerwick	005	80424	80022	33302	85411	55803	82618	88625	005	80522	74878	31302	88411	54504	84815	88630	005	97021	000	ph ₀		ph ₀
25	Stornoway	026	80820	74258	32404	88511	51804	84820	88630	026	70726	83028	30404	78511	51609	82820	87634	026	97051	000	pr ₀		pr ₀ h ₀ pr ₀
23	Benbecula	022	30725	80011	29505	38530	01805	81821		022	60828	83021	27904	65511	01606	86624		022	00051	020	+		+
21	Tiree	100	10616	86011	27505	18540	51707	81825		100	30621	89030	26103	38400	53703	81818		100	00051	050	+		+
19	Aldergrove	917	60522	66216	23005	65411	02712	82710	86625	917	70717	66026	21304	78411	51704	81818	83630	917	95061	011	r ₀ r ₀ 1r ₀		1r ₀
18	Malin Head	980	61133	86018	25206	65611	01807	86640		980	70929	86032	23105	78411	00608	83824	87634	980	97071	014	/		/
16	Belmullet	976	50720	80031	22607	53511	03717	84922	85635	976	20717	75011	19704	22500	01505	82822		976	00081	041	/		/
14	Birr	965	70310	70806	19405	73411	03800	85918	87630	965	80707	69608	17404	87411	02501	86716	88632	965	01051	000	/		/
12	Collinstown	969	80717	66806	19405	83511	02718	85920	88635	969	80917	59258	18204	83411	5110								

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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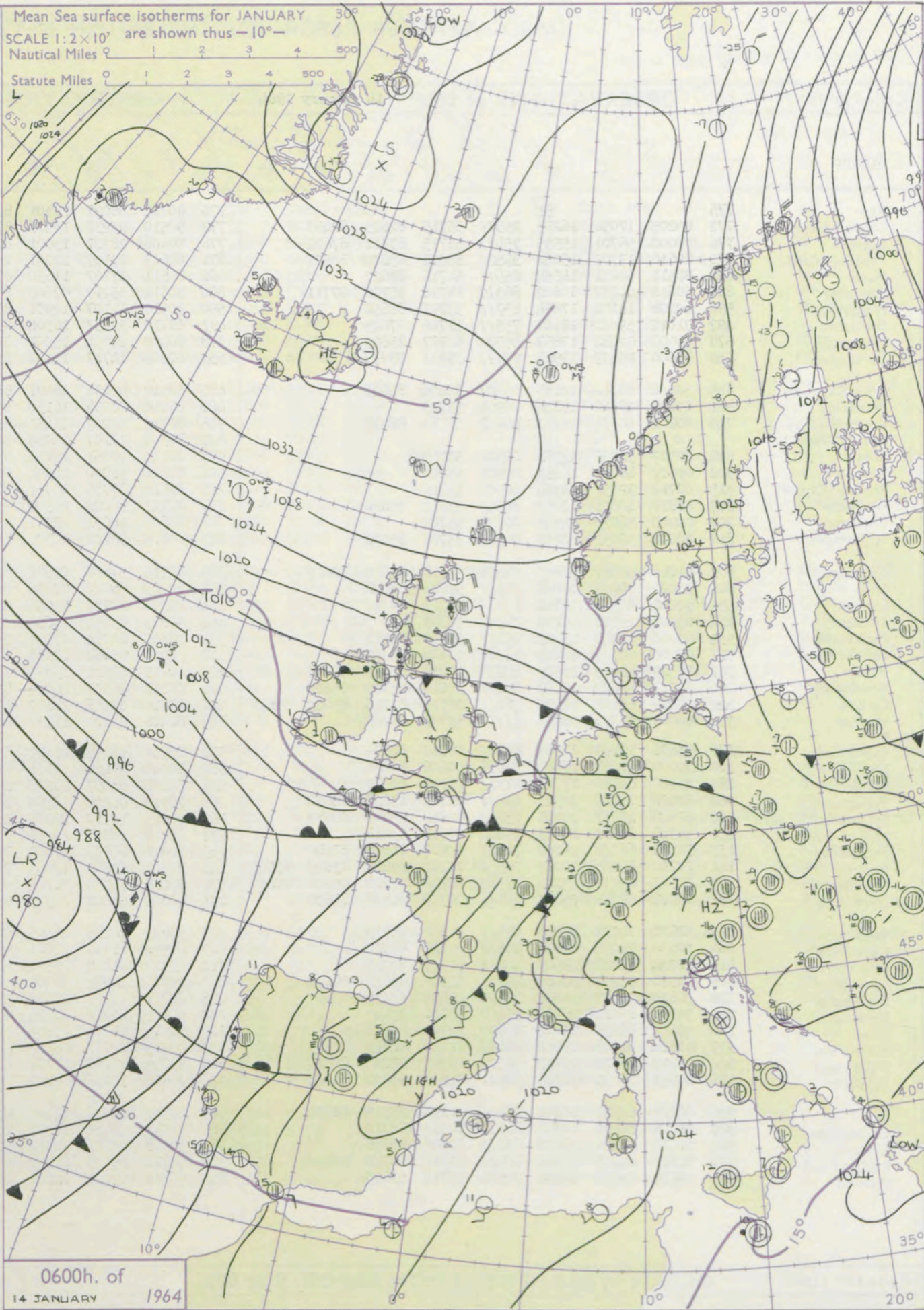
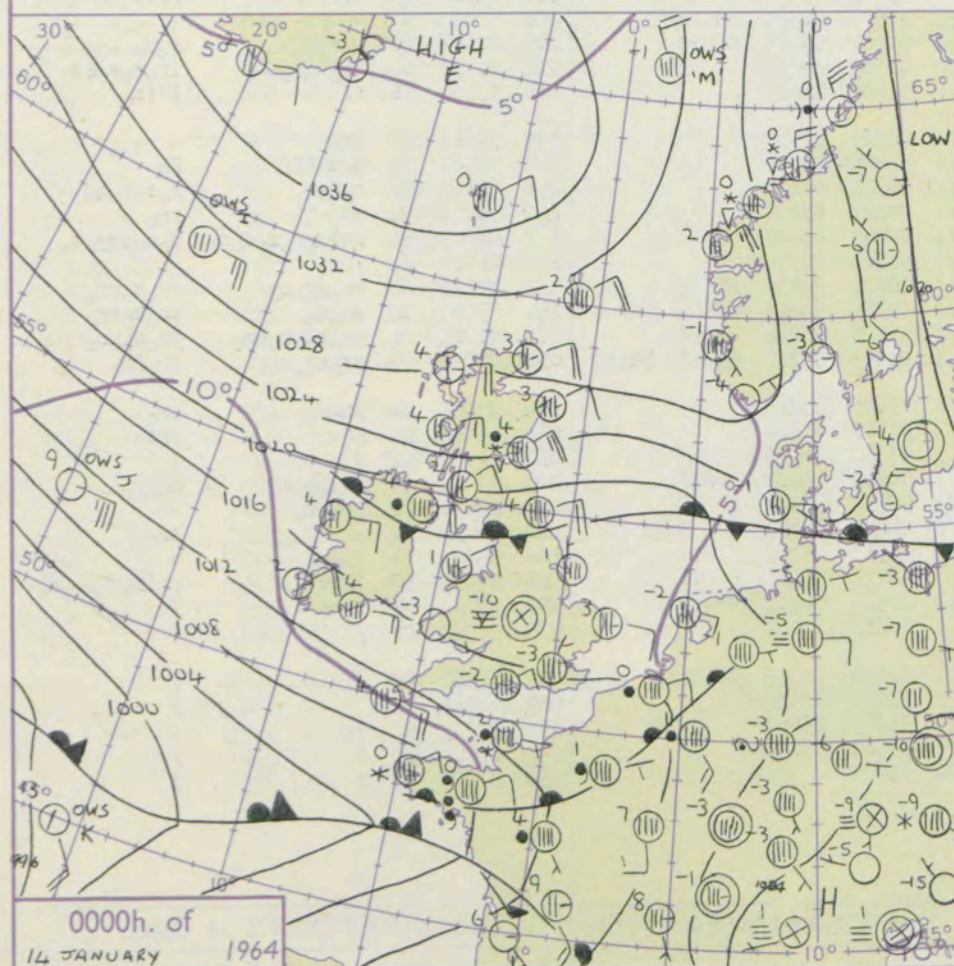
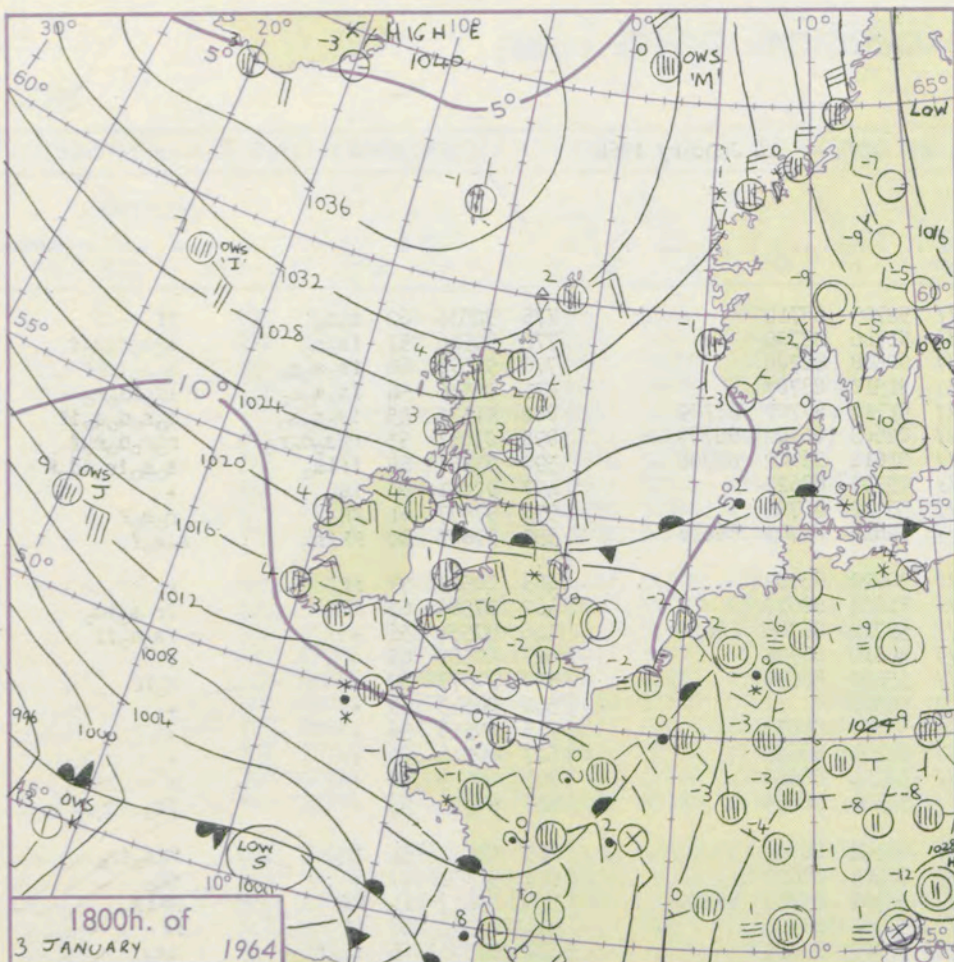
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Mean Sea surface isotherms for JANUARY

SCALE 1:2x10' are shown thus -10°-

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GENERAL SYNOPTIC DEVELOPMENT

The anticyclone to the north of the British Isles has weakened slightly and moved northwards and a trough has moved north eastwards across France. The anticyclone is now moving southeast, once more, as minor troughs of low pressure move north westwards across the Channel and southern Britain.

Issued at midday

Tuesday 14 January

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will continue generally cloudy with showers of rain, snow and sleet over the north western half of Britain and it will be generally cold with night frost. Extensive fog and mist with some slight rain or drizzle, now over southern counties of England will spread slowly northwest but the associated rise in temperatures will be slow.

OUTLOOK for the following 24 hours.

Continuing cold with snow showers in the north. Dull, misty weather with some drizzle and extensive fog over southern districts extending slowly northwest with a slight rise in temp.

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

Code FM 11.A										OBSERVATIONS at 00h.										14 January 1964										OBSERVATIONS at 06h.										14 January 1964										OBSERVATIONS during NIGHT										CONVE TAB																																																																																																																																																																																				
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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

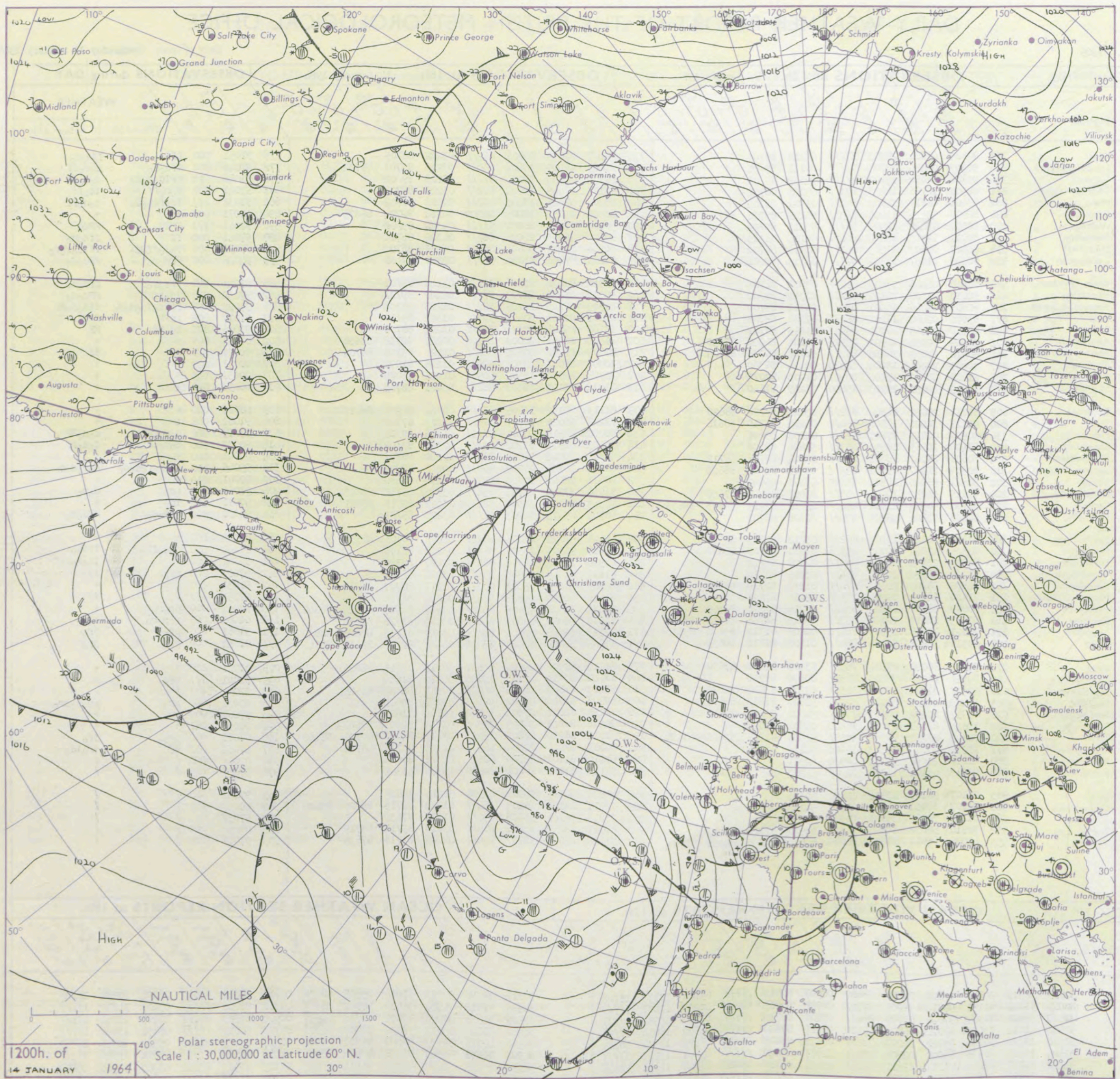
No. 37309

Date of Issue Wednesday 15 January 1964

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102	London Airport	772	90307	02434	15703	91111	02111	89101				772	83605	06425	19604	86011	03223	83701	88702				772	97042	000	ffd _o d _o	d _o d _o ff
100	Gatwick	776	90706	01454	15202	91111	02109	89101				776	90405	03435	19203	91111	03223	89102				776	91046	010	FFid _o d _o d _o	d _o d _o FF	
99	Thorney Island	871	80508	10286	14103	87111	03006	88702				871	80301	07445	19204	86211	03227	88703				871	93041	000	d _o d _o ff	id _o ff	
97	Hurn	862	83406	06517	14902	86111	01221	88702				862	83306	07425	19402	86211	02228	88703				862	91031	111	id _o ffid _o d _o	d _o d _o ff	
95	Guernsey	894	82908	58024	14506	86311	05129	85708	86712			894	60505	25054	19005	26202	04224	82704	86075				894	00071	000	1f	+
93	Wattisham	590	90607	01436	17503	91111	03219	89102				590	90606	F7455	20204	91111	04324	89100				590	92041	111	FFid _o	FFdd	
91	Gorleston	497	80712	12525	18604	80421	04215	88515				497	80720	16285	22004	86411	04324	88710				497	97041	000	ff	ffd _o d _o	
90	Mildenhall	578	80807	02507	17503	86111	02112	88702				578	80504	02445	20604	86111	04227	88702				578	97051	000	r _o s _o ffid _o	ffd _o r _o r _o	
88	Cardington	559	90309	01457	17501	91111	01113	89101				559	90103	F7454	21002	91111	02226	89100				559	94026	000	FFd _o d _o	FFd _o d _o	
86	West Raynham	485	80918	04445	17603	86011	03007	88701				485	90918	02474	21203	91111	03124	89101				485	91041	000	ffd _o d _o	ffd _o d _o	
84	Wittering	462	90410	01507	18102	91111	01312	89100				462	90310	05435	21703	91111	02227	89101				462	97035	000	id _o ffFF	FFd _o d _o	
82	Boscombe Down	746	80205	09466	15501	86011	01114	88700				746	82703	07445	20202	86211	01225	88703				746	97025	000	ffir _o id _o d _o d _o	ffd _o d _o FF	
81	Ross-on-Wye	627	83002	02464	17251	86211	51108	88703				627	80602	02434	20601	91111	01322	89100				627	91017	000	ffFF	FFff	
79	Bristol	628	80210	02465	16850	86011	51115	88701				628	80106	F9444	20301	86011	01224	88701				628	97016	000	id _o FF	FF	
77	Aberporth	502	70909	50031	16901	75511	54105	84620	87650			502	41504	28051	20002	45400	00222	82718	83650			502	00031	005	+	+	
75	Rhoose (Cardiff)	715	80510	22052	16850	86211	51118	86703	88704			715	80805	11284	20802	86111	01229	83702	88704			715	00021	000	+	ff	
73	Plymouth	827	10807	28041	15204	10930	02214	81360				827	10908	26041	19302	00902	01228	81070				827	00051	029	+	+	
72	Chivenor	707	21208	40032	15404	00901	01003	82075				707	30908	32050	19502	00901	01225	83075				707	00051	045	+	+	
70	St. Mawgan	817	11009	40051	14903	15600	01219	81640				817	81014	23101	18303	86211	03221	88703				817	00051	022	+	+	
68	Culdrose	809	81011	28052	14304	85211	03121	87704	88620			809	81113	28052	17605	85311	04224	86707	88612			809	00060	000	+	+	
66	Scilly	804	81117	32026	13506	85411	05215	85710	88616			804	71222	56022	16107	76511	07223	87720				804	91081	008	ir _o	+	
64	Elmdon	534	90507	02517	17401	91111	01208	89101				534	90208	01514	21301	91111	01216	89101				534	93027	000	d _o d _o FF	d _o d _o FF	
63	Shawbury	414	83404	10565	18551	86311	51206	88706				414	90603	04515	21702	91111	02320	89102				414	96033	000	d _o d _o ddff	d _o d _o ff	
61	Manchester	334	80606	20047	18302	86311	50004	82708	88712			334	80811	20042	21804	86311	02220	88707				334	00041	000	+	+	
59	Squires Gate	318	80505	24047	19501	85511	00205	82620	88625			318	80814	18106	21703	86311	02212	87709				318	95045	000	is _o r _o r _o d _o d _o	d _o r _o d _o d _o	
57	Valley	302	50611	56040	18501	55600	53108	85640				302	80611	28042	20803	85711	01216	88650				302	00041	030	+	+	
55	Ronaldsway	204	71119	62032	19404	75511	01007	85622	87656			204	81020	37582	21705	85411	03316	85710	88615			204	91061	002	ir _o	d _o r _o	
54	Carlisle	222	80706	56502	21904	85411	02112	82715	85623	88633		222	80813	56025	24305	88411	03218	82716	83821	88631		222	97051	000	id _o	+	
52	Watnall	354	80608	03504	18201	87011	01108	88701				354	90708	F9475	22203	91111	03228	89101				354	96031	000	FFd _o d _o	FFd _o d _o	
50	Spurn Head	396	81416	16022	19305	66221	03212	86705	88550			396	81128	57022	22005	66221	03202	86705	88550			396	00050	000	+	+	
48	Finningley	360	80306	11044	19702	85311	01010	86707	88618			360	80709	24105	23304	86311	03223	88706				360	91041	000	d _o d _o ff	ffd _o d _o	
46	Dishforth	261	80708	28052	20503	86411	02008	88712				261	80910	23052	24204	86411	02227	88710				261	92041	000	+	id _o r _o r _o	
45	Tynemouth	262	81020	48258	22205	86411	03214	88714				262	81122	61025	25805	85511	03224	88622				262	97061	000	pr _o	id _o	
43	Eskdalemuir	162	80806	58207	22302	87411	01211	82710	88714			162	80909	59035	25003	86311	02217	86707	88710			162	91031	000	id _o	+	
41	Mull of Galloway	131	71620	66028	19904	75511	02215	87626				131	81418	60022	22805	86411	04214	88716				131	97051	111	/	/	
39	Prestwick	135	80809	58618	21503	65571	02215	86628	88359			135	80811	58026	23605	85411	03217	82719	85622	88640		135	93051	000	pr _o r _o r _o	+	
37	Renfrew	141	81013	22616	22404	85311	03115	84708	86712	88616		141	80910	28046	24605	85411	03213	82716	87620			141	02061	000	rrr _o r _o	d _o r _o	
36	Leuchars	171	70621	70258	23905	78419	02009	81715	83820	87635		171	80913	66808	26706	88411	03219	81716	83823	88630		171	91061	000	pr _o	pr _o	
34	Dyce	091	80911	59808	26304	88411	01107	86818	88635			091	80805	56808	28604	88411	04222	82710	85812	88640		091	01051	000	pr _o	pr _o	
32	Wick	075	71215	80022	27904	78511	53209	82820	87630			075	81115	80022	29604	85411	50215	83615	88625			075	00051	000	+	+	
30	Cape Wrath	049	80924	66038	25703	86511	00400	88720				049	11120	83011	27903	15600	00222	81630				049	92041	111	prs	+	
28	Sule Skerry	010	60918	81808	28105	68511	01206	83820	86625			010	61413	81028	28305	68511	00201	84820	86625			010	97051	111	/	/	
27	Lerwick	005	50909	82022	31103	52400	51007	81812	84818			005	40908	82018	32102	42400	52208	84815				005	93031	000	pr _o	pr _o s _o pr _o	
25	Stornoway	026	70917	80252	26505	78511	51002	83820	87628			026	11116	82011	27304	15500	50209	81625				026	97061	002	pr _o	+	
23	Benbecula	022	10824	82018	23205	18500	01801	81825				022	70918	82021	24905	75511	03216	82623	87640			022	00050	041	+	+	
21	Tiree	100	70822	80251	21605	58331	51004	81709	83825	85635		100	81019	66218	23805	75471	03213	84616	87621	88460		100	01061	002	pr _o	ir _o	
19	Aldergrove	917	11214	40048	19303	15500	52219	81625				917	80807	37046	22204	86411	01315	83710	88712			917	97051	032	+	ir _o id _o	
18	Malin Head	980	01418	61058	19203	00900	52311					980	61410	62101	22304	62511	01323	86824				980	02061	054	/	/	
16	Belmullet	976	41517	64101	15302	22502	51207	82823	84070			976	31115	61101	18201	30930	53320	83362				976	97031	045	/	/	
14	Birr	965	01107	58101	17102	00900	52313					965	40808	59101	18902	45500	51214	84628				965	97031	043	/	/	
12	Collinstown	969	01207	61051	17703	00900	54112					969	70911	61101													

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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For each half-feet

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CHARTS OF WEATHER IN WEST EUROPE

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n shower

n and snow
shower

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WIND

Wind
speed
(knots)

Calm

1-2

3-7

8-12

13-17

additional
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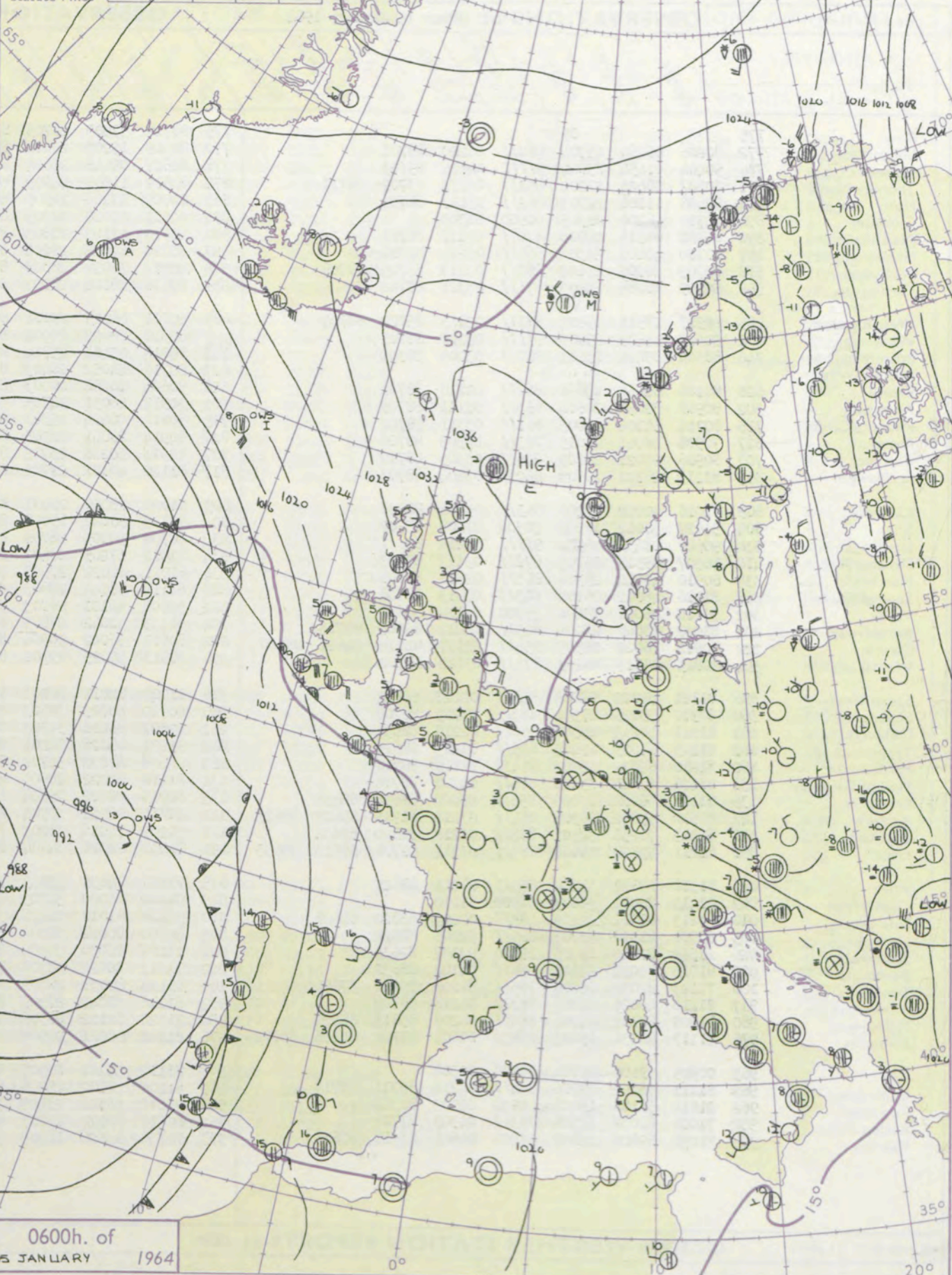
48-52

Mean Sea surface isotherms for JANUARY

SCALE 1:2x10' are shown thus -10°-

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500



0600h. of
15 JANUARY 1964

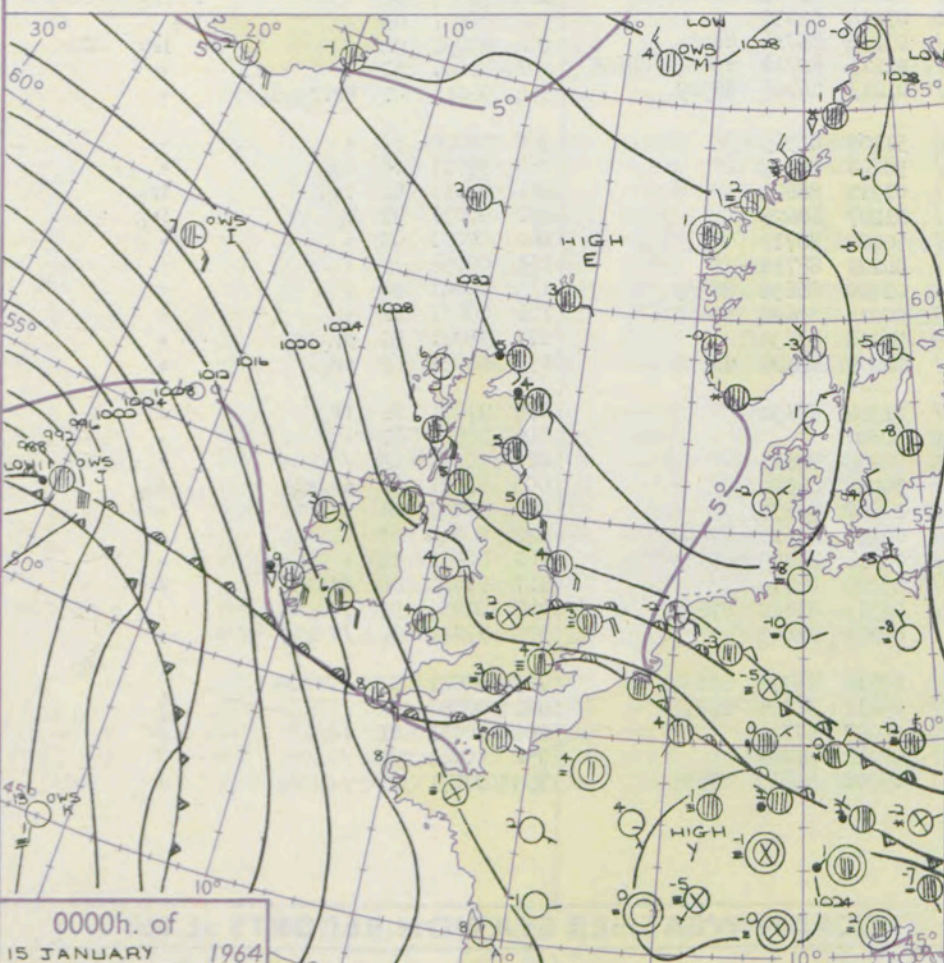
Issued at midday Wednesday 15 January 1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will continue cloudy over most of the country but the areas of drizzle will die out and the mist and hill fog will disperse slowly. Sheltered parts of northwest Scotland and some eastern districts of England will have sunny periods. Eastern districts will be rather cold with night frost, temperatures in the west near average.

OUTLOOK for following 24 hours
Dry and rather cold with sunny spells and night frost in many places, but cloudy in the southwest.

1800h. of
14 JANUARY 1964



0000h. of
15 JANUARY 1964

GENERAL SYNOPTIC DEVELOPMENT

The anticyclone east of Scotland is beginning to intensify slowly as it moves southeast. The complex depression southwest of the British Isles is filling, and the trough over southern England is becoming very weak. Colder drier air from the continent is spreading into eastern districts of England.

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

Code FM 11.A OBSERVATIONS at 00h. 15 January 1964										OBSERVATIONS at 06h. 15 January 1964										OBSERVATIONS during NIGHT					CONVE TAB °C to
Station	iii	Nddff	VVwww	PPPTT	NChChCh	Td app	8NChCh	8NChCh	8NChCh	iii	Nddff	VVwww	PPPTT	NChChCh	Td app	8NChCh	8NChCh	8NChCh	iii	RRT	Tg	TnE	WEATHER		°C to
																							21h.—03h.	03h.—09h.	
Kew	775			05						775	80712	37505	26705	87211	03210	87705	88706		775	97041	04	+		id _o if	40
London Airport	772	80206	06464	23704	86011	04220	88701			772	80509	15205	26404	86211	03209	83703	88704		772	97041	01	ffd _o		fd _o d _o id _o	39
Gatwick	776	90404	01454	23004	91111	04214	89103			776	80607	09445	25604	86111	04211	88702			776	93032	00	FFff		ffd	38
Thorney Island	871	80807	08424	22904	86111	04214	83702	88711		871	80512	11504	24905	86211	04211	84703	88706		871	97031	01	ff		ffd _o	37
Hurn	862	80408	11104	22703	86211	03112	88705			862	80709	17104	24905	86211	04208	88705			862	97031	03	+		ffd _o d _o d _o	36
Guernsey	894	00710	48100	21305	00900	04303				894	00911	60020	22305	00900	05101				894	00051	01	+		+	35
Wattisham	590	80710	08515	24903	87011	03118	88701			590	80810	11105	27803	86111	03210	88702			590	95022	01	d _o d _o ffdd		+	34
Gorleston	497	80720	40102	26303	86511	02222	88721			497	80720	60025	29202	86511	00209	88720			497	92011	00	d _o d _o		+	33
Mildenhall	578	80709	28206	25103	86211	03117	85705	88708		578	80812	32052	28003	86311	02211	88707			578	95021	01	r _o r _o d _o d _o ff		+	32
Cardington	559	80409	10285	24903	87111	03321	88702			559	80410	28104	28003	86211	02316	88704			559	95012	02	d _o d _o ff		id _o	31
West Raynham	485	80917	17515	25902	87111	02115	85702	88704		485	80821	48025	29001	86411	00210	88710			485	91001	52	d _o d _o		+	30
Wittering	462	90609	05435	25903	91111	03220	89101			462	80510	28025	29002	86211	01213	85703	88704		462	95021	00	d _o d _o ff		+	29
Boscombe Down	746	80504	09424	23103	86011	03209	88701			746	80814	03464	25704	86011	03213	85700			746	97011	01	FFff		ffd _o d _o d _o	28
Ross-on-Wye										627	80710	24052	26403	86311	03215	88706			627	92011	00	IFff		+	27
Bristol	628	80106	02464	23801	86011	01118	88701			628	80606	14284	26003	86211	03213	88704			628	00015	00	ffif		IFff	26
Aberporth	502	80908	32051	22604	86311	02111	88709			502	80912	40051	24705	86311	03316	88708			502	00021	01	+		+	25
Rhoose (Cardiff)	715	80714	14104	23003	86111	03311	88702			715	80814	06424	25303	86111	03309	88702			715	00021	02	if		ff	24
Plymouth	827	70908	40041	21005	76311	03303	88708			827	80914	26041	22305	85211	05205	85704	88620		827	97031	00	+		id _o d _o d _o f	23
Chivenor	707	80906	57021	21605	86411	03305	88712			707	80913	50216	23705	85411	03211	85710	88615		707	97021	02	ir _o		ir _o	22
St. Mawgan	817	81213	28101	19703	86211	03204	88703			817	81120	40101	21705	86211	04207	88704			817	00031	02	+		+	21
Culdrose	809	81016	50052	19206	86311	05206	88707			809	81020	28056	21407	86311	06109	88706			809	97050	05	ir _o		+	20
Silly	804	51023	56012	17508	56300	07205	85707			804	81125	56022	19008	86311	08107	88708			804	00071	11	+		+	19
Elmdon	534	90607	03435	24902	91111	02215	89111			534	80708	50105	28002	86211	02213	88704			534	97025	01	d _o d _o FFff		d _o d _o ir _o	18
Shawbury	414	80907	09515	25703	87211	03117	88703			414	81012	17205	28403	87311	02215	88706			414	97021	02	d _o d _o Fdd		d _o d _o	17
Manchester	334	80910	40042	25504	86311	02317	88706			334	81021	62022	27903	85411	00206	81710	88650		334	00021	02	+		+	16
Squires Gate	318	81116	48042	26104	86311	03219	88708			318	81118	58042	28803	85411	01210	82712	88650		318	97031	02	+		ir _o	15
Valley	302	30610	28041	23404	35700	03112	83650			302	50608	48101	26003	55700	03214	85650			302	00031	01	+		+	14
Ronaldsway	204	81032	49046	25006	86311	04212	86709	88713		204	81133	50042	27805	85411	03215	85714	88624		204	97051	04	+		ir _o	13
Carlisle	222	70812	56022	28505	75411	02117	84718	84621	86640	222	80610	56022	30904	85411	01211	82718	83621	88645	222	00021	51	+		+	12
Watnall	354	80815	05515	26203	87111	03112	88702			354	80913	59025	29702	87311	01213	84706	88709		354	94011	01	FFffdd _o		+	11
Spurn Head	396	81121	59022	27204	85411	02223	88615			396	11220	82011	30203	10940	51107	81365			396	00020	11	+		+	10
Finningley	360	80910	35025	27504	86311	03215	88708			360	80710	58025	30503	85611	50207	88633			360	97021	00	id _o		+	9
Dishforth	261	81011	58215	28504	85611	02218	88631			261	80807	66016	31703	85511	01212	88624			261	91011	51	ir _o		ir _o	8
Tynemouth	262	81125	61025	29405	85511	01213	88625			262	81221	66026	32204	85511	01207	88625			262	97031	02	d _o		ir _o	7
Eskdalemuir	162	81210	62032	29203	86411	01119	88710			162	80608	62032	31702	86411	50209	88710			162	00011	00	+		+	6
Mull of Galloway	131	81426	63022	25406	87411	04208	88716			131	81418	63022	28605	87411	04221	88718			131	00051	11	/		/	5
Prestwick	135	81111	66022	27805	85511	03220	82628	88656		135	80915	66022	29604	65771	01220	86650	88359		135	00041	03	+		+	4
Renfrew	141	80910	59042	28506	85411	03218	81715	85620	88625	141	81014	66022	30904	85511	00214	83622	88650		141	00031	02	+		+	3
Leuchars	171	81315	70258	30505	88511	02218	82820	88634		171	31209	74015	33203	35600	50214	83635			171	95021	50	pr _o id _o		+	2
Dyce	091	81211	59808	31604	88311	03214	82708	86813	88635	091	81406	62028	34404	85511	00209	82620	88630		091	01031	02	pr _o		+	1
Wick	075	81310	69602	31605	85511	01211	88625			075	71514	74036	33005	75611	01304	87630			075	97041	01	ir _o		+	0
Cape Wrath	049	01415	86011	30003	00900	51210				049	01410	86020	30703	00900	00307				049	00020	01	+		+	-1
Sule Skerry	010	41213	81011	32206	48511	02223	83820	84625		010	31218	81010	31406	35500	04208	83625			010	00050	03	/		/	-2
Lerwick	005	80908	81028	33703	86511	52205	88622			005	80000	80022	36102	85511	50207	88622			005	91021	51	pr _o s _o		id _o	-3
Stornoway	026	21512	82020	29306	25600	03107	82635			026	11209	80030	30305	15600	03307	81635			026	00041	00	+		+	-4
Benbecula	022	81015	82022	27405	85611	04108	88632			022	71313	80022	28706	75511	05206	81624	87647		022	00040	03	+		+	-5
Tiree	100	71123	82032	26206	78511	04106	85821	87656		100	81124	80031	28306	88511	03318	81825	88643		100	00061	04	+		+	-6
Aldergrove	917	81216	40026	24806	86311	04216	88709			917	81116	61042	27305	86411	03210	88710			917	97041	04	id _o		+	-7
Malin Head	980	81209	62102	24206	88411	06208	85815	88630		980	71322	62102	26306	78511	03315	81820	87630		980	00051	51	/		/	-8
Belmullet	976	51117	66031	19003	26532	01601	82722	84358	85072	976	81318	66021	20905	85611	03305	88643			976	97021	51	/		/	-9
Birr	965	00905	59100	20704	00900	02304				965	81112	58101	23505	85411	03116	83716	88631		965	00021	51	/		/	-10

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37310

Date of Issue Thursday 16 January 1964

SECTION
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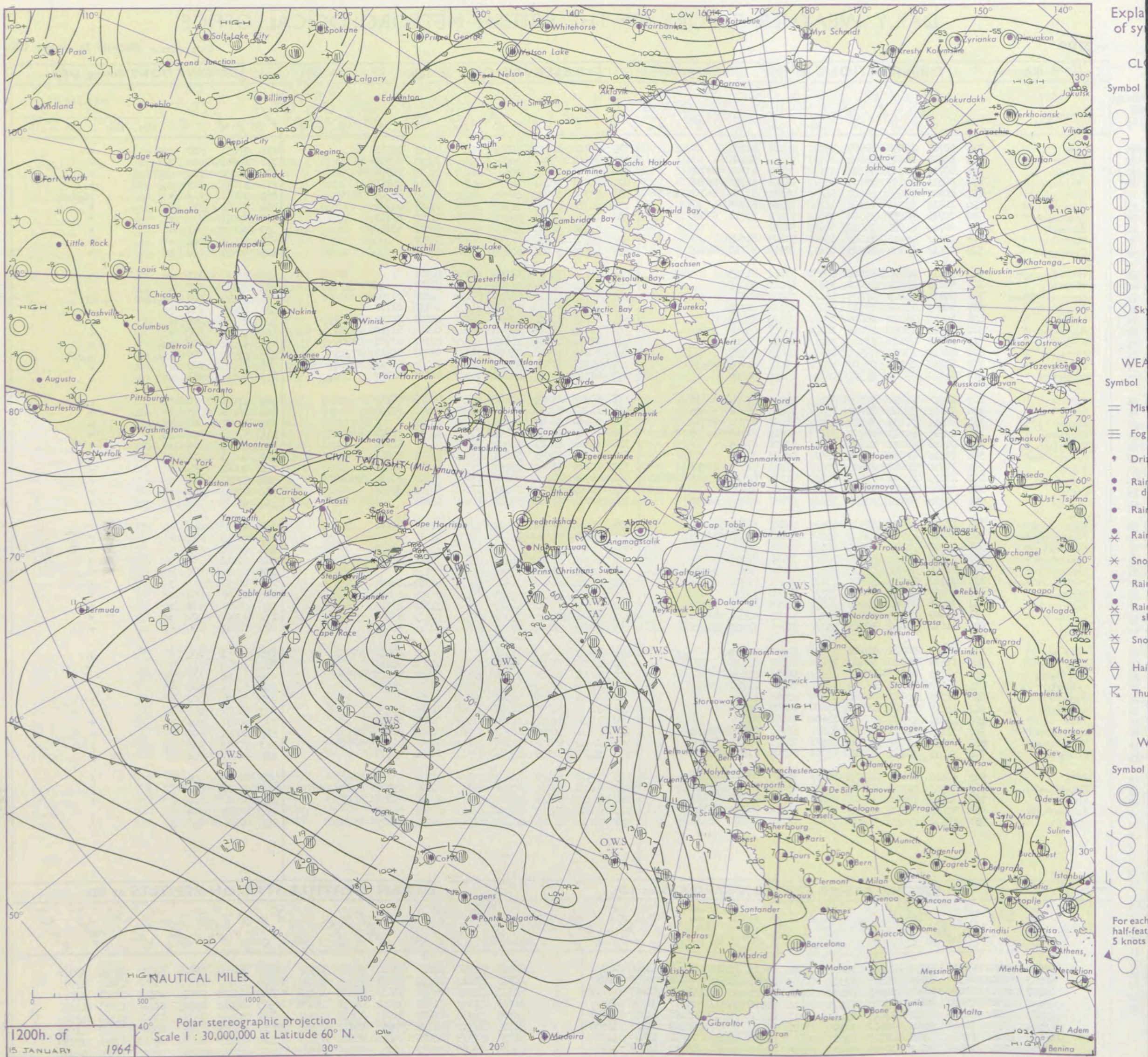
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Code FM 11.A		OBSERVATIONS at 12h.										15 January 1964										OBSERVATIONS at 18h.										15 January 1964										OBSERVATIONS during DAY				
Station		ill	Nddff	VVwwW	PPPTT	N _h L _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _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	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 _s E	SSS	WEATHER													
																																09h.—15h.		15h.—21h.												
Kew	775	80717	14055	28904	862//	02106	88705				775	80812	40052	30703	864//	51215	88712				775	97051	000	d _o d _o		+							+													
London Airport	772	80617	16105	28604	862//	03004	88705				772	80612	37042	30503	863//	00213	82709	88711				772	00041	000	d _o d _o		+					+														
Gatwick	776	80710	12285	28103	871//	03107	83702	88703			776	80710	48042	29803	862//	02215	85704	88705				776	94041	000	ddff d _o d _o		+					+														
Thorney Island	871	80611	20105	27105	863//	04006	86706	88708			871	80808	18102	28704	863//	03210	88706				871	97051	000	id _o		+					+															
Hurn	862	80507	19055	26805	862//	05205	83704	86705	88708		862	80707	17505	28005	872//	04207	86705	88706				862	97051	///	+		id _o d _o d _o		+			+														
Guernsey	894	10812	63020	24107	16200	05208	81703				894	20715	57050	24007	26300	05303	82706				894	00081	074	+		+					+															
Wattisham	590	70715	56012	30902	754//	00008	83711	87620			590	70610	56021	32201	764//	51209	87713				590	00031	///	+		+					+															
Gorleston	497	00722	64021	33402	00900	52212					497	30818	62030	33802	35500	52113	83620				497	00020	061	+		+					+															
Mildenhall	578	10911	74011	31103	15600	51109	81645				578	00707	66020	32751	00900	53208				578	00041	044	+		+					+																
Cardington	559	80612	48102	30703	854//	02110	86710	88625			559	00410	56011	32200	00900	51314				559	00031	000	+		+					+																
West Raynham	485	11015	80021	32302	10930	53112	81359				485	00614	74020	33451	00900	54212				485	00021	071	+		+					+																
Wittering	462	80618	64022	32002	856//	51110	88635				462	00512	62021	33350	00900	53213				462	00033	017	+		+					+																
Boscombe Down	746	80714	06425	27704	861//	03004	88702				746	80716	09424	28803	861//	02208	88702				746	97041	000	id _o 1fff		ff					+															
Ross-on-Wye	627	80809	13104	28903	862//	03108	88705				627	80710	57022	30402	863//	00312	88708				627	00031	000	if		+					+															
Bristol	628	80610	18102	28003	861//	03106	88702				628	80615	17102	28603	861//	02305	84702	88703				628	00041	000	+		+				+															
Aberporth	502	70911	48052	27005	763//	03309	83708	87710			502	81014	48052	27304	854//	02209	83710	88633				502	00051	009	+		+				+															
Rhoose (Cardiff)	715	80820	27104	27303	862//	03207	88704				715	80822	20045	27903	862//	02307	83703	88705				715	97041	000	id _o		+				+															
Plymouth	827	80811	13045	24507	862//	06013	88704				827	70817	20052	24406	763//	05307	86707	87715				827	97071	000	d _o d _o 1f		d _o d _o		+		+															
Chivenor	707	61210	28012	25407	653//	05004	81706	86635			707	61015	40031	25605	55408	04105	84612	84630	85275			707	00071	009	+		+			+																
St. Mawgan	817	61122	29102	23507	66200	05214	86705				817	61122	24051	23705	663//	04310	86707				817	00081	011	+		+					+															
Culdrose	809	80927	28052	22308	853//	07211	87706	88616			809	80921	19205	23107	862//	07209	88703				809	97090	010	+		id _o		+			+															
Scilly	804	71125	59022	21009	753//	08214	86708	87623			804	31027	58030	21009	26330	08212	82707				804	00101	025	+		+					+															
Elmdon	534	80811	37106	30502	863//	01108	85706	88707			534	00608	48011	32100	00900	52110				534	97021	000	ir _o d _o d _o		+					+																
Shawbury	414	80915	50025	30902	853//	00210	81706	87709	88620		414	70810	61012	32601	755//	53315	86621	87631				414	97033	000	id _o		+				+															
Manchester	334	71008	58022	31303	756//	52108	87645				334	10916	58011	32401	15600	54113	81645				334	00051	025	+		+					+															
Squires Gate	318	70916	57046	31204	756//	00003	87645				318	50916	48041	32401	55600	52109	85645				318	00041	016	+		+					+															
Valley	302	70720	48042	28505	756//	03213	81635	87650			302	40613	48041	29103	45700	01203	84650				302	00061	033	+		+					+															
Ronaldsway	204	81029	62026	30305	854//	02306	82618	83625	88640		204	60928	59042	31204	654//	01110	83619	85650				204	97051	000	ir _o		+				+															
Carlisle	222	10809	74011	33304	15530	51004	81720				222	10707	58050	34601	15500	53312	81635				222	00051	046	+		+					+															
Watnall	354	70914	62022	32201	756//	51008	85635	86650			354	00714	58011	33851	00900	53214				354	00023	007	+		+						+															
Spurn Head	396	11220	63020	32903	10940	53209	81365				396	41020	63030	34502	45500	53210	84620				396	00030	064	+		+					+															
Finningley	360	30914	69011	33803	15601	51208	81640	83075			360																																			

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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mbols

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Cloud
Amount
(oktas)

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1 or less
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Obscured

ATHER
Weather

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and snow

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and snow
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Wind
speed
(knots)

Calm

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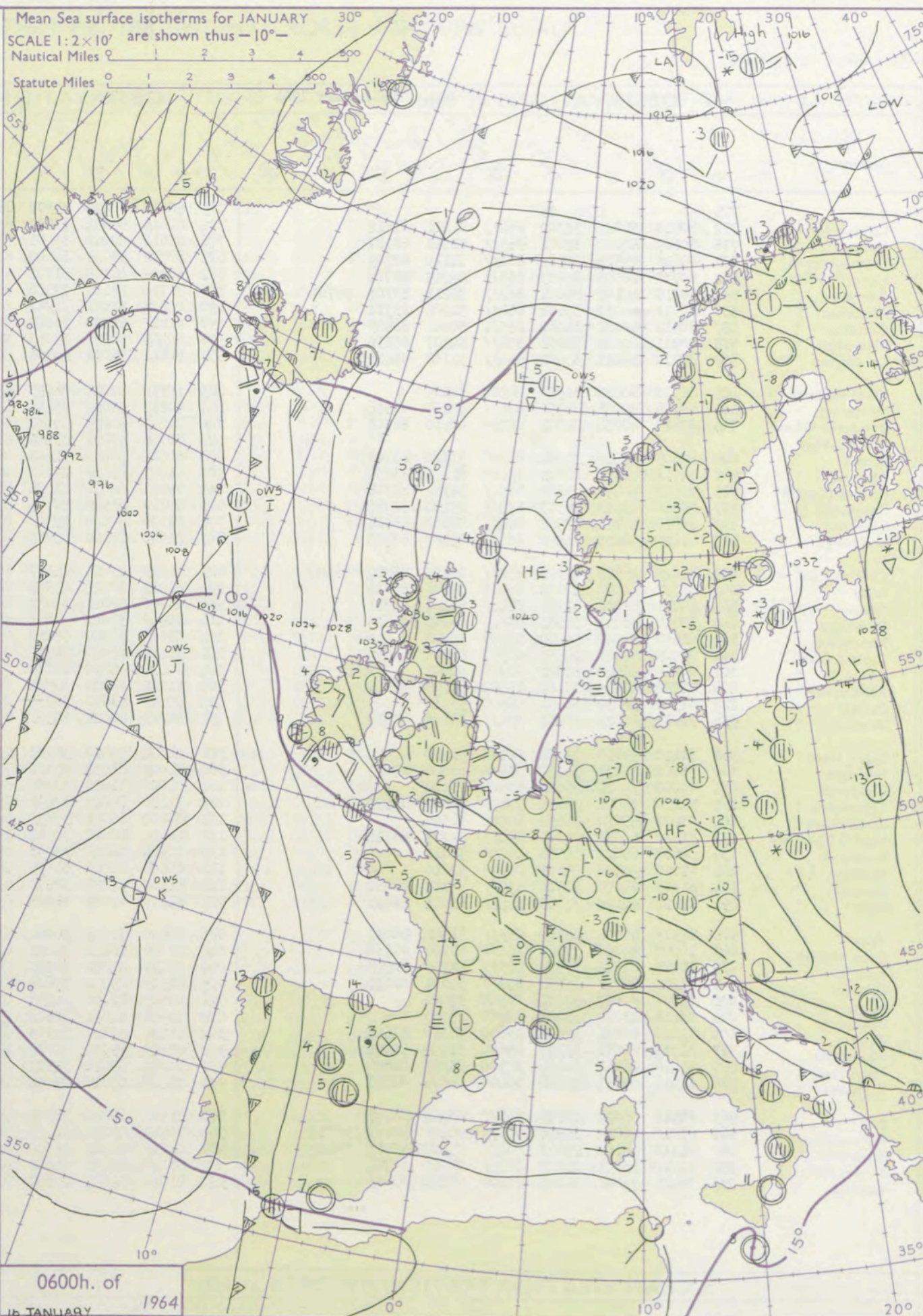
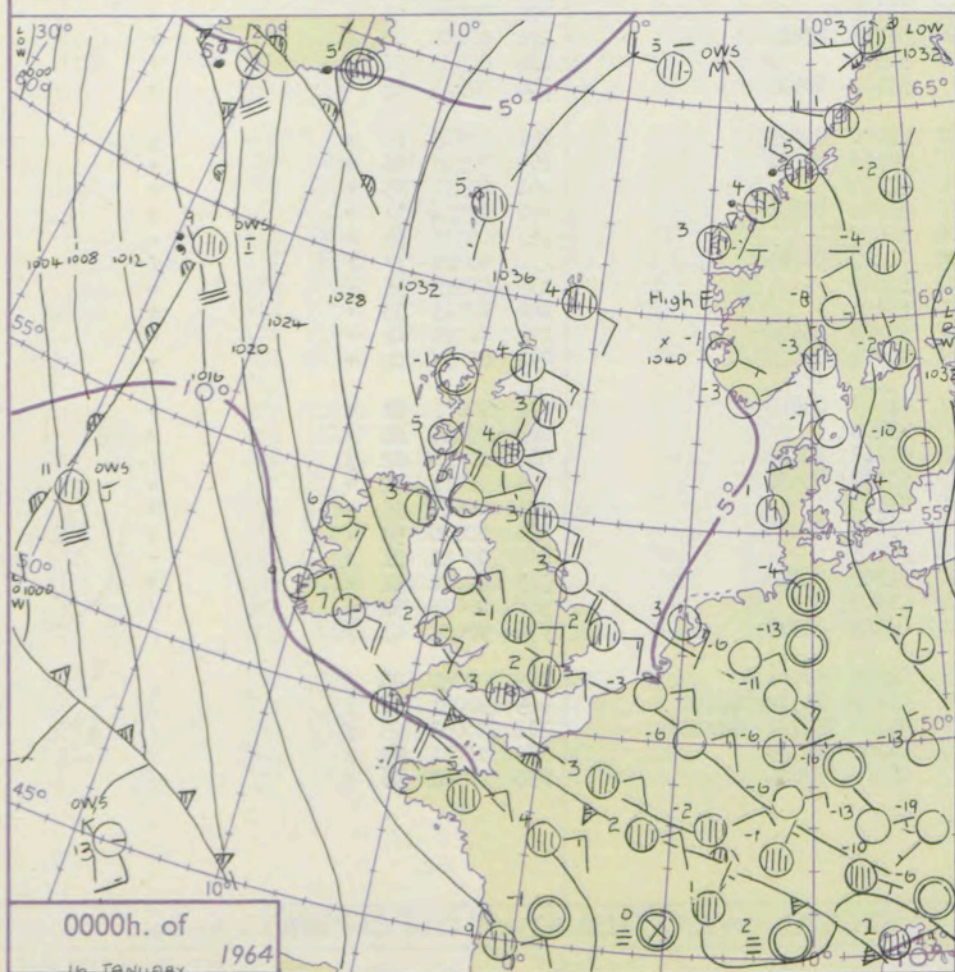
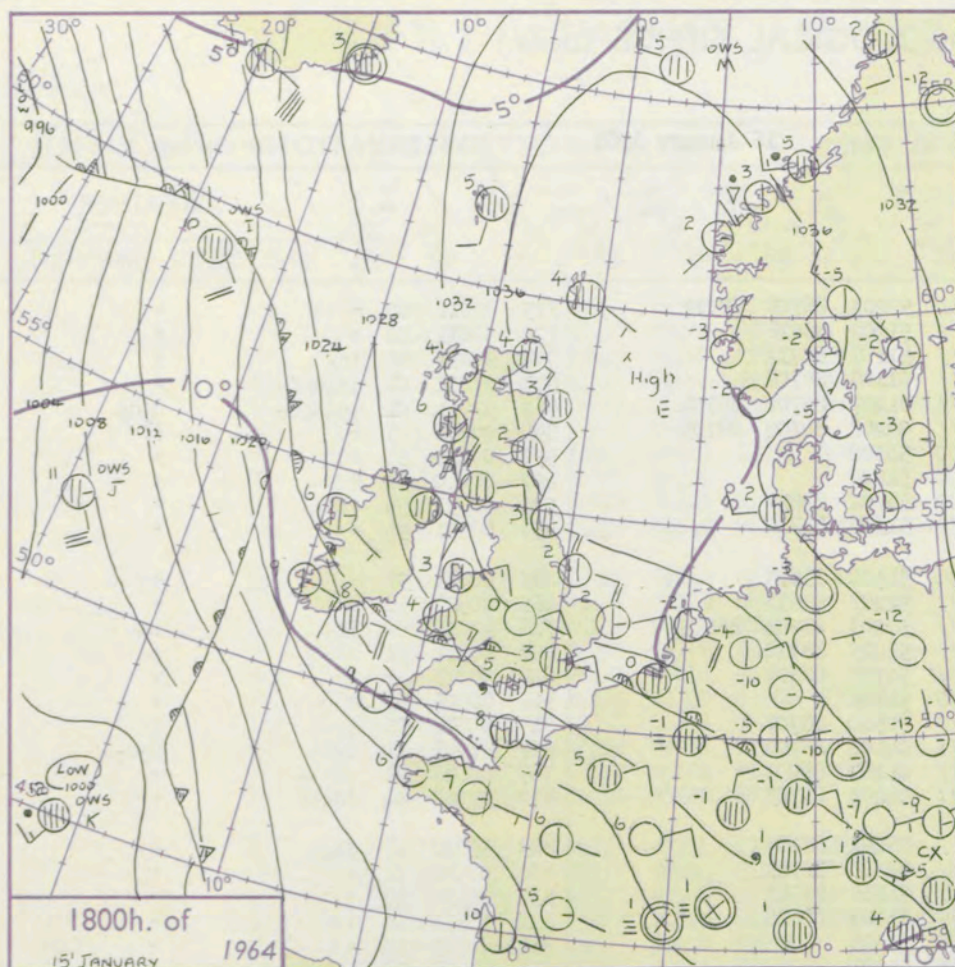
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8-12

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additional
her add

48-52



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

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

Issued at midday Thursday 16 January 1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Cold dry weather will continue over most of the country with long sunny periods and a clear night in all except southwest England and eastern Scotland where cloud will persist. Night frost will be moderate to severe in all except the cloud covered areas in the southwest and northeast of the country.

OUTLOOK for the following 24 hours. The cold weather will extend to southwest England but other areas will have little change except that frost may persist throughout the day in parts of central and eastern England.

GENERAL SYNOPTIC DEVELOPMENT

The large area of high pressure to the east of the British Isles is slowly intensifying and the centre of the high is expected to be over Denmark tomorrow morning. Cold east to southeast winds cover all except southwestern England, and the colder air will slowly extend to this area tomorrow.

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

Code FM II.A		OBSERVATIONS at 00h. 16 January 1964										OBSERVATIONS at 06h. 16 January 1964										OBSERVATIONS during NIGHT										CONVECTIVE TABLE °C to °F
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h 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 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	RRRT _n T _n E	T _g T _g	WEATHER										
																						21h.—03h.	03h.—09h.									
Kew	775			03						775	80710	60022	33302	86311	52203	86708	88712		775	00011	50	+		+	40							
London Airport	772	80810	56022	32302	85411	01211	88612			772	80613	59022	33602	85411	51202	88618			772	00011	50	+		+	39							
Gatwick	776	80607	62022	32001	86311	01011	88707			776	80813	62022	33001	86411	51107	88712			776	97011	00	1d ₀		+	38							
Thorney Island	871	80610	23515	30902	86211	01110	88705			871	80712	58025	32802	87311	01108	88708			871	97021	01	1d ₀ d ₀ d ₀		+	37							
Hurn	862	80708	40505	30503	86311	02215	88706			862	80809	48105	31702	86111	01207	85702	88704		862	97011	01	1d ₀ d ₀ d ₀		d ₀ d ₀	36							
Guernsey	894	80718	40102	26006	86211	06211	83703	88707		894	80714	28102	27506	86111	05208	84702	88705		894	00051	05	+		ff	35							
Wattisham	590	80911	60032	33601	86411	51206	88711			590	00606	58021	34951	00900	53302				590	00513	54	+		+	34							
Gorleston	497	80916	62031	34402	85511	50202	88625			497	00817	62021	36202	00900	51000				497	00010	51	+		+	33							
Mildenhall	578	80911	62022	33901	85411	52107	88616			578	50405	58022	35051	55400	53701	85617			578	00533	55	+		+	32							
Cardington	559	80710	58021	33601	85411	51108	88614			559	50611	58012	34901	56411	51304	85716			559	00521	54	+		+	31							
West Raynham	485	00910	66020	34553	00900	54105				485	10710	62021	36053	15400	54500	81615			485	00543	57	+		+	30							
Wittering	462	80708	59021	34751	85411	52107	88614			462	80810	59022	35851	85411	52207	88612			462	00523	56	+		+	29							
Boscombe Down	746	80812	40054	31001	86311	00210	88708			746	80813	40055	32401	85311	52203	83708	88613		746	97001	50	1d ₀		1d ₀	28							
Ross-on-Wye										627	80708	57022	33201	86411	51205	88710			627	00511	51	+		+	27							
Bristol	628	80609	48052	31501	86311	51310	88707			628	80612	56052	32601	86311	51107	88708			628	00011	53	+		+	26							
Aberporth	502	31011	48052	28802	35600	51101	83630			502	01007	48050	29701	00900	51309				502	00001	53	+		+	25							
Rhoose (Cardiff)	715	80823	56042	30101	86311	51112	88708			715	80921	48052	31501	86311	50500	88707			715	00011	01	+		+	24							
Plymouth	827	80818	19512	26305	87211	05104	88704			827	80719	23515	27805	87211	04102	88704			827	97041	04	d ₀ d ₀		d ₀ d ₀	23							
Chivenor	707	80917	40022	27905	86411	04004	88711			707	81216	50022	29303	86311	01107	88709			707	00021	01	+		+	22							
St. Mawgan	817	81120	24055	24906	86211	05400	88703			817	81025	23105	25905	86211	04209	88703			817	97041	04	1d ₀ 1f		+	21							
Culdrose	809	81025	26505	24308	85111	07107	83702	88605		809	81029	23052	25107	86311	06107	88706			809	97070	07	1d ₀		+	20							
Scilly	804	81327	61022	22409	85411	07803	88613			804	81229	40022	22909	86411	07303	88711			804	00081	11	+		+	19							
Elmdon	534	80911	61031	33951	86411	52112	88711			534	80707	66022	35651	86411	51106	88713			534	00514	53	+		+	18							
Shawbury	414	60808	58041	33951	65411	53208	86615			414	80910	58042	34851	85411	53205	88614			414	00513	54	+		+	17							
Manchester	334	01607	80020	34200	00900	55008				334	01008	80020	35050	00900	55306				334	00513	54	+		+	16							
Squires Gate	318	01009	56041	34553	00900	54214				318	01111	56040	34852	00900	54301				318	00553	58	+		+	15							
Valley	302	00712	58040	30801	00900	54007				302	00620	66020	30100	00900	53701				302	00503	51	+		+	14							
Ronaldsway	204	11028	56041	33102	15500	50109	81620			204	31035	61030	32902	35400	51706	83617			204	00011	00	+		+	13							
Carlisle	222	01306	56050	36151	00900	53211				222	00807	58020	36751	00900	54501				222	00533	56	+		+	12							
Watnall	354	70912	62021	35051	75611	53106	87630			354	80913	62021	35951	85411	53102	88615			354	00523	55	+		+	11							
Spurn Head	396	01420	59010	35103	00900	52400				396	21420	59030	36103	25500	52400	82625			396	00015	11	+		+	10							
Finningley	360	70402	56031	36250	75511	53206	87621			360	71009	61022	37100	75511	52203	87621			360	00523	56	+		+	9							
Dishforth	261	00000	74020	36651	00900	53104				261	01006	74020	37750	00900	52304				261	00521	55	+		+	8							
Tynemouth	262	71220	74022	35603	75611	51400	87630			262	71416	74022	37804	75611	51204	87635			262	00031	51	+		+	7							
Eskdalemuir	162	03601	59050	36852	00900	54306				162	00202	66021	37653	00900	56002				162	00533	58	+		+	6							
Mull of Galloway	131	81420	66031	33303	86411	51207	88714			131	11416	80020	33902	15500	00202	81625			131	00021	11	/		/	5							
Prestwick	135	00607	66021	34000	00900	53011				135	00908	66020	35051	00900	53802				135	00513	55	+		+	4							
Renfrew	141	01010	58040	35801	00900	52210				141	00606	62020	36550	00900	53102				141	00523	55	+		+	3							
Leuchars	171	81313	74022	36704	85611	51107	88630			171	81508	74022	37503	85511	52206	88626			171	00021	02	+		+	2							
Dyce	091	81612	62022	37403	85511	51001	88624			091	81710	69022	38203	85511	52002	88625			091	00031	02	+		+	1							
Wick	075	81517	80022	35704	85511	51302	88627			075	81620	80022	36504	85511	51003	88625			075	00031	03	+		+	0							
Cape Wrath	049	10000	86020	33403	15600	53204	81630			049	00300	86020	34003	00900	53400				049	00013	55	+		+	-1							
Sule Skerry	010	41418	81021	33505	43511	01706	84925			010	21418	81020	34805	25500	02207	82625			010	00040	02	/		/	-2							
Lerwick	005	81209	86022	38704	85511	52801	88625			005	81509	89022	39604	85611	53304	88630			005	00031	02	+		+	-3							
Stornoway	026	00000	82020	32251	00900	52204				026	00000	82020	34253	00900	53103				026	00543	55	+		+	-4							
Benbecula	022	01416	83020	32404	00900	03303				022	21516	82031	32604	25600	03000	82645			022	00020	53	+		+	-5							
Tiree	100	11220	80011	32405	15600	01310	81645			100	01123	80020	32703	00900	00805				100	0031	01	+		+	-6							
Aldergrove	917	41315	60031	32103	45600	51108	84646			917	41217	59030	32002	45400	52802	84616			917	00011	51	+		+	-7							
Malin Head	980	11418	66011	31404	12500	01307	81824			980	01213	69010	31803	00900	51302				980	00021	52	/		/	-8							
Belmullet	976	11314	69011	25006	16400	04602	81717			976	11213	69010	25604	16400	03205	81716			976	97031	01	/		/	-9							
Birr	965	80910	66022	27706	86411	03206	88713			965	81009	66022	28305	86411	02208	88713			965	00041	04	/		/	-10							
Collinstown	969	81010	66021	29906	86311	04109	85708	88715		969	70912	69012	30104	76411	01205	84719	87640		969	97031	50	/		/	-11							
Roeanna	962	81113	58102	25607	86411	05002	83715	88620		962	81016	56102	26306	86311	05204	82707	88710		962	00061	05	/		/	-12							
Roches Point	952	31018	18105	25007	86311	05000	88708			952	81118	48505	25608	86311	06105	88708			952	97071	07	/		/	-13							
Valentia	953	30415	72021	21609	32500	05301	83825			953	71018	72021	22609	72511	06310	87825			953	00081	06	/		/	-14							
																									-15							
																									-16							
																									-17							
		</																														

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 L _o GG	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s	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	VVwwW	PPPTT	N _h Ch _s Ch _s	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	50619	33500	81333	98036	96308	884//	00309	85818	88630	00306	11349	199/1	A	50619	32806	81135	97026	97108	853//	00209	83709	88630	00307	11348	119/2		
B	50565	51000	20630	97018	73004	27430	00815	82810	////	05202	15861	1////	B	50565	51006	80328	97022	69004	854//	00715	80610	////	05101	15661	1////		
C	50527	35500	61726	97806	75507	62500	00119	86825	////	00005	11647	1////	C	50527	35506	52128	98258	78306	52400	00320	85815	////	05402	11947	1////		
D	50440	41000	42642	96898	91310	42400	00225	84815	////	06104	17756	1////	D	50440	41006	82533	98031	93610	824//	00308	88818	////	06105	179/6	1////		
I	50591	18900	81529	97586	17909	855//	00105	86620	////	05008	11555	11046	I	50592	18906	81522	97026	17309	854//	31305	88615	////	00007	11536	11447		
J	50526	20100	81430	97022	05711	884//	31616	83815	88620	00110	11447	11056	J	50524	20006	81428	97252	03211	884//	21617	83815	88620	00110	11447	11055		
K	50451	14600	11514	65016	08113	15501	22229	81626	////	00011	11744	10843	K	50451	13606	31412	65011	10813	35400	22109	83615	////	00012	11744	10842		
M	53660	02000	72822	74022	36405	78500	00304	////	////	05400	12845	1////	M	53660	02006	72714	74308	36605	795//	00602	////	////	05400	12734	1////		

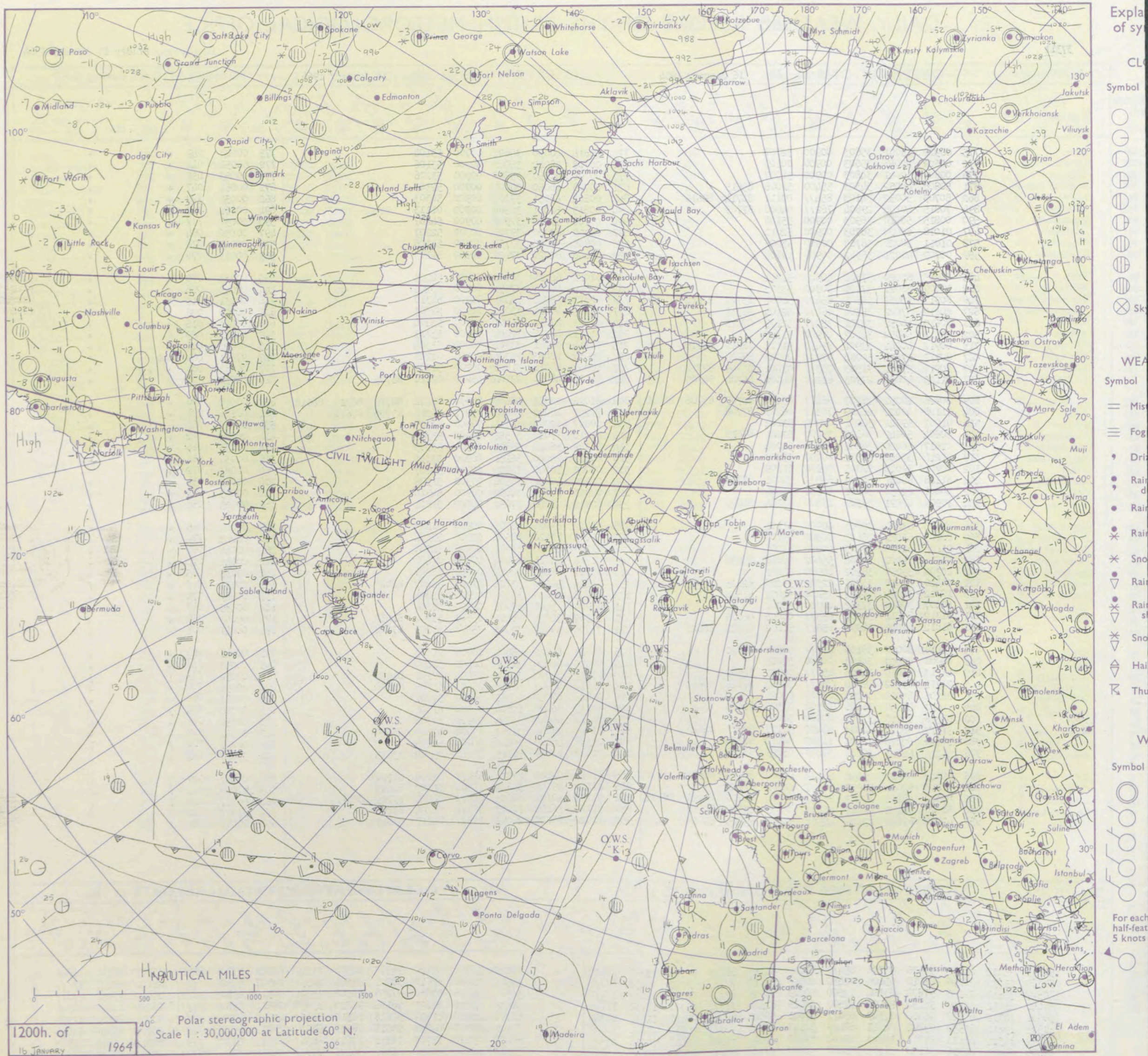
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37311

Date of Issue Friday 17 January 1964

Code FM 11.A		OBSERVATIONS at 12h. 16 January 1964										OBSERVATIONS at 18h. 16 January 1964										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	RRT	T x E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Kew	775	00912	19041	35603	00900	52007				775	00814	40050	35802	00900	53104				775	00043	049	+		+		
London Airport	772	00609	22041	35603	00900	00109				772	00708	28040	36002	00900	53106				772	00051	044	+		+		
Gatwick	776	00809	50041	34803	00900	51007				776	00708	40050	35450	00900	53206				776	00053	058	+		+		
Thorney Island	871	50808	48052	34303	55400	51008	85615			871	00708	48050	34001	00900	52303				871	00061	047	+		+		
Hurn	862	80709	50052	34103	85411	00111	84714	88616		862	00604	48051	33301	00900	54303				862	00051	111	+		+		
Guernsey	894	70815	40104	29804	76211	04000	87703			894	00813	56051	30504	00900	01113				894	00061	020	ff		+		
Wattisham	590	00815	58020	36903	00900	55108				590	00708	59020	37900	00900	54207				590	00031	111	+		+		
Gorleston	497	01018	60020	38703	00900	52011				497	00926	62020	39703	00900	52207				497	00030	064	+		+		
Mildenhall	578	01011	58021	36703	00900	53206				578	00808	59020	37750	00900	54305				578	00043	071	+		+		
Cardington	559	00709	40021	36502	00900	52104				559	00406	62020	37100	00900	51103				559	00033	072	+		+		
West Raynham	485	01015	62020	37802	00900	52211				485	01012	62020	38650	00900	54205				485	00033	070	+		+		
Wittering	462	00609	58021	37101	00900	53103				462	00509	56040	37951	00900	53206				462	00023	068	+		+		
Boscombe Down	746	80911	50052	34501	85411	51007	85710	87618		746	00817	35051	34301	00900	54310				746	00031	029	+		+		
Ross-on-Wye	627	80810	57022	35301	86411	52104	88715			627	00705	48051	35050	00900	52303				627	00023	026	+		+		
Bristol	628	70610	56052	34701	75411	52107	87616			628	00509	23051	34101	00900	53204				628	00021	016	+		+		
Aberporth	502	01112	50050	32102	00900	51105				502	01111	48050	32201	00900	53311				502	00043	069	+		+		
Rhoose (Cardiff)	715	80912	40042	33901	85411	51111	84710	88618		715	00815	32041	33301	00900	53304				715	00021	000	+		+		
Plymouth	827	80717	17515	30004	87211	03002	88704			827	00910	28055	30304	00900	02106				827	97051	000	d _o d _o		+		
Chivenor	707	70917	57022	31503	76311	01001	85709	87711		707	00908	48011	31801	00900	51008				707	00031	000	+		+		
St. Mawgan	817	81125	40052	27905	86211	04000	86704	88709		817	31118	48011	29104	35200	02210	81705			817	00051	000	+		+		
Culdrose	809	80926	28052	28207	86211	05108	82705	85706	88708	809	81024	28052	28607	85311	04204	82706	86710	88618	809	00080	000	+		+		
Scilly	804	71128	40022	26109	76311	06209	87708			804	71227	48022	26808	75211	06211	85705	87610		804	00100	007	+		+		
Elmdon	534	01007	59041	36201	00900	53104				534	00807	32040	36751	00900	52205				534	00034	064	+		+		
Shawbury	414	30804	50042	36400	35400	52001	83618			414	01010	37040	36551	00900	53307				414	00023	042	+		+		
Manchester	334	01017	56020	36502	00900	54004				334	01109	56022	36801	00900	53205				334	00033	066	+		+		
Squires Gate	318	01214	37040	36502	00900	53209				318	00912	28040	36151	00900	53110				318	00033	061	+		+		
Valley	302	00707	59040	32805	00900	51109				302	00000	58040	32804	00900	55207				302	00083	072	+		+		
Ronaldsway	204	61128	48041	34903	65511	50001	86622			204	01230	40041	34504	00900	51306				204	00041	034	+		+		
Carlisle	222	00806	62050	38102	00900	55004				222	00907	62020	38050	00900	54310				222	00043	069	+		+		
Watnall	354	10909	48021	37502	15500	53104	81620			354	00910	20040	37652	00900	52801				354	00023	055	+		+		
Spurn Head	396	01415	63020	38003	00900	51106				396	01422	63020	38703	00900	51203				396	00040	065	+		+		
Finningley	360	00605	61021	38803	00900	53105				360	01105	62020	38951	00900	53304				360	00043	070	+		+		
Dishforth	261	01105	61020	39203	00900	51207				261	01108	62020	39351	00900	52206				261	00041	067	+		+		
Tynemouth	262	51516	74022	39304	55600	00210	85630			262	01718	74011	39004	00900	01400				262	00041	018	+		+		
Eskdalemuir	162	00704	59050	38202	00900	54002				162	03602	66020	38952	00900	55309				162	00033	065	+		+		
Mull of Galloway	131	21420	80020	35003	22500	53220	82825			131	21424	58050	33704	21500	53400	82820			131	00051	111	/		/		
Prestwick	135	10712	74020	35402	15400	54802	81618			135	00908	80020	35301	00900	53204				135	00043	070	+		+		
Renfrew	141	00907	30040	37302	00900	53002				141	00909	15040	37001	00900	52304				141	00033	047	+		+		
Leuchars	171	61312	83012	38604	65511	00004	86625			171	11307	70021	38402	15600	51302	81630			171	00053	039	+		+		
Dyce	091	81812	62042	38903	85511	51002	81620	88625		091	71708	59042	39003	75511	51205	87622			091	00041	003	+		+		
Wick	075	61519	80022	36104	65511	00806	86620			075	01613	80021	36804	00900	01313				075	00041	044	+		+		
Cape Wrath	049	00000	86020	34105	00900	52201				049	00000	86020	34105	00900	54400				049	00053	111	+		+		
Sule Skerry	010	41513	81030	34305	45511	02203	84625			010																

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

DUD
Cloud
Amount
(oktas)

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

W
Weather

zle
and
rizzle

and snow

shower

and snow
shower

w shower

shower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

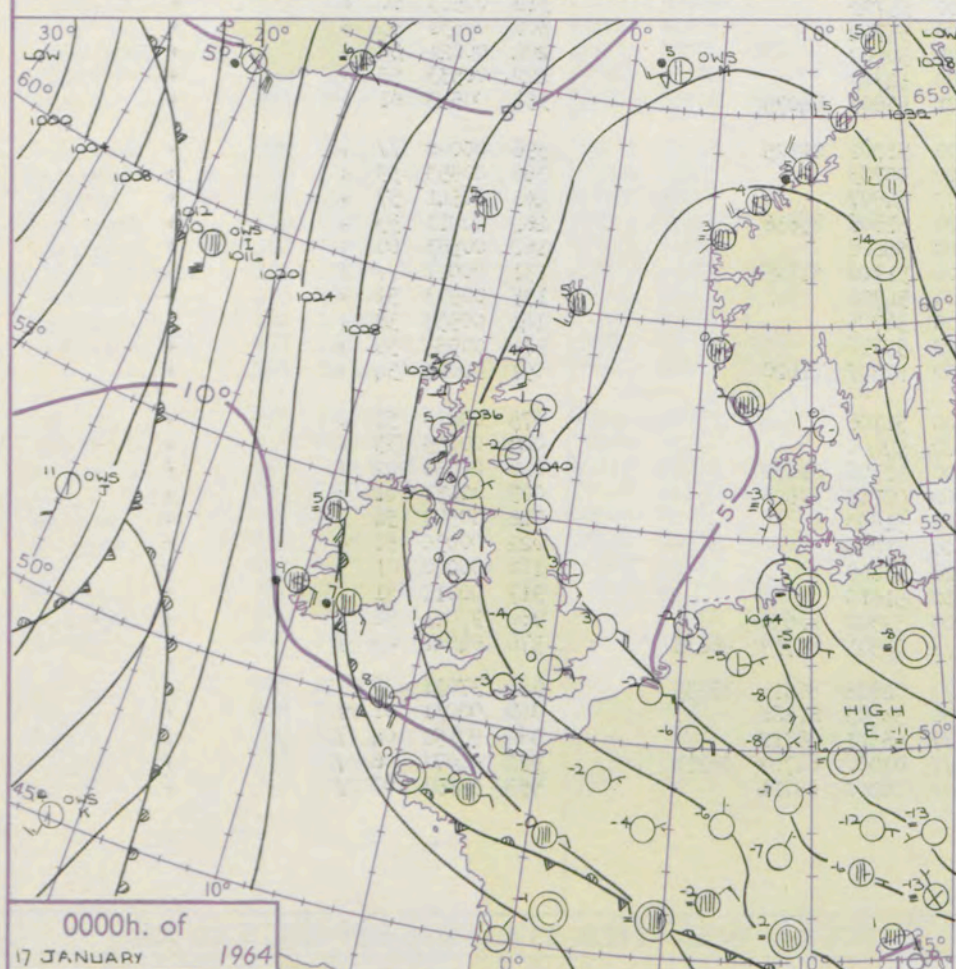
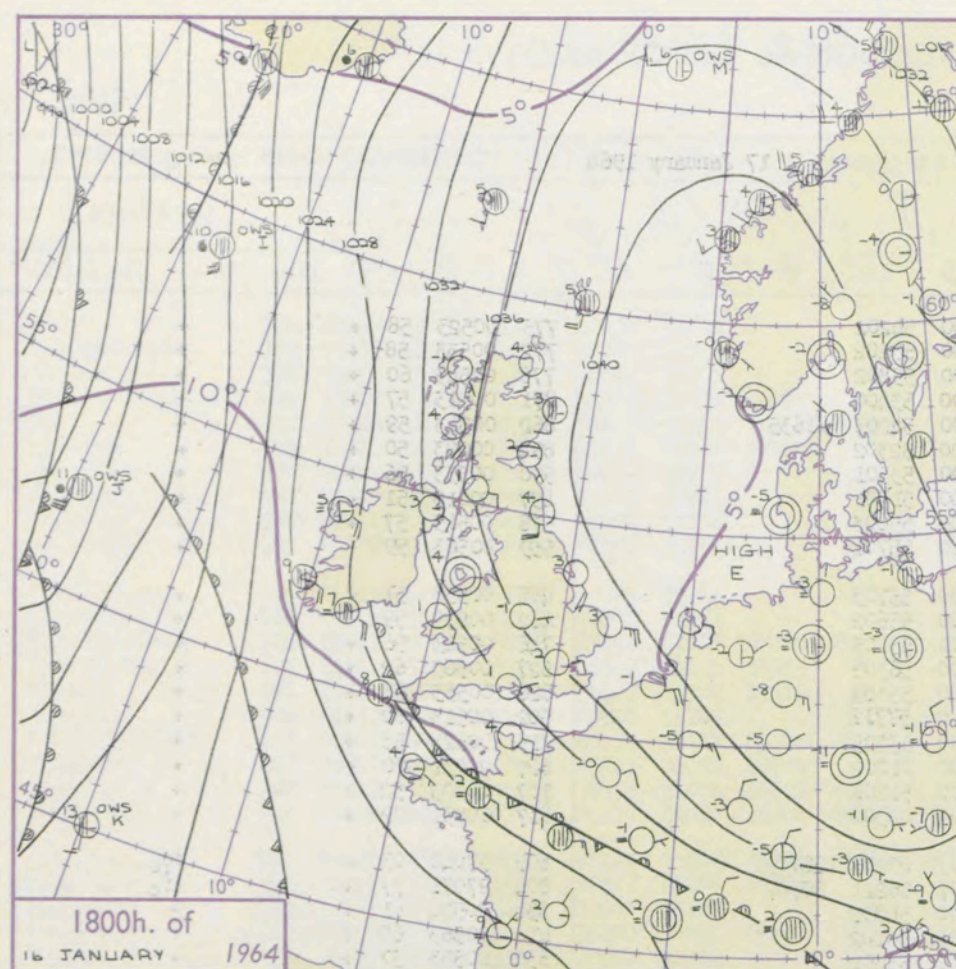
3-7

8-12

13-17

additional
her add

48-52



GENERAL SYNOPTIC DEVELOPMENT

The centre of the anticyclone which has been east of the British Isles for the past day or two has moved south into central Europe where it will be slow moving during the next 24 hours. Weak troughs of low pressure moving very slowly eastwards will affect western areas of Britain.

Issued at midday Friday 17 January 1964

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will be dry and rather cold in most central and eastern districts with long sunny periods by day and moderate or severe frost inland at night. Cloudy weather with rain or drizzle at times will affect Northern Ireland and Cornwall during this afternoon and extend slowly to other western districts during the evening and night.

OUTLOOK for the following 24 hours.

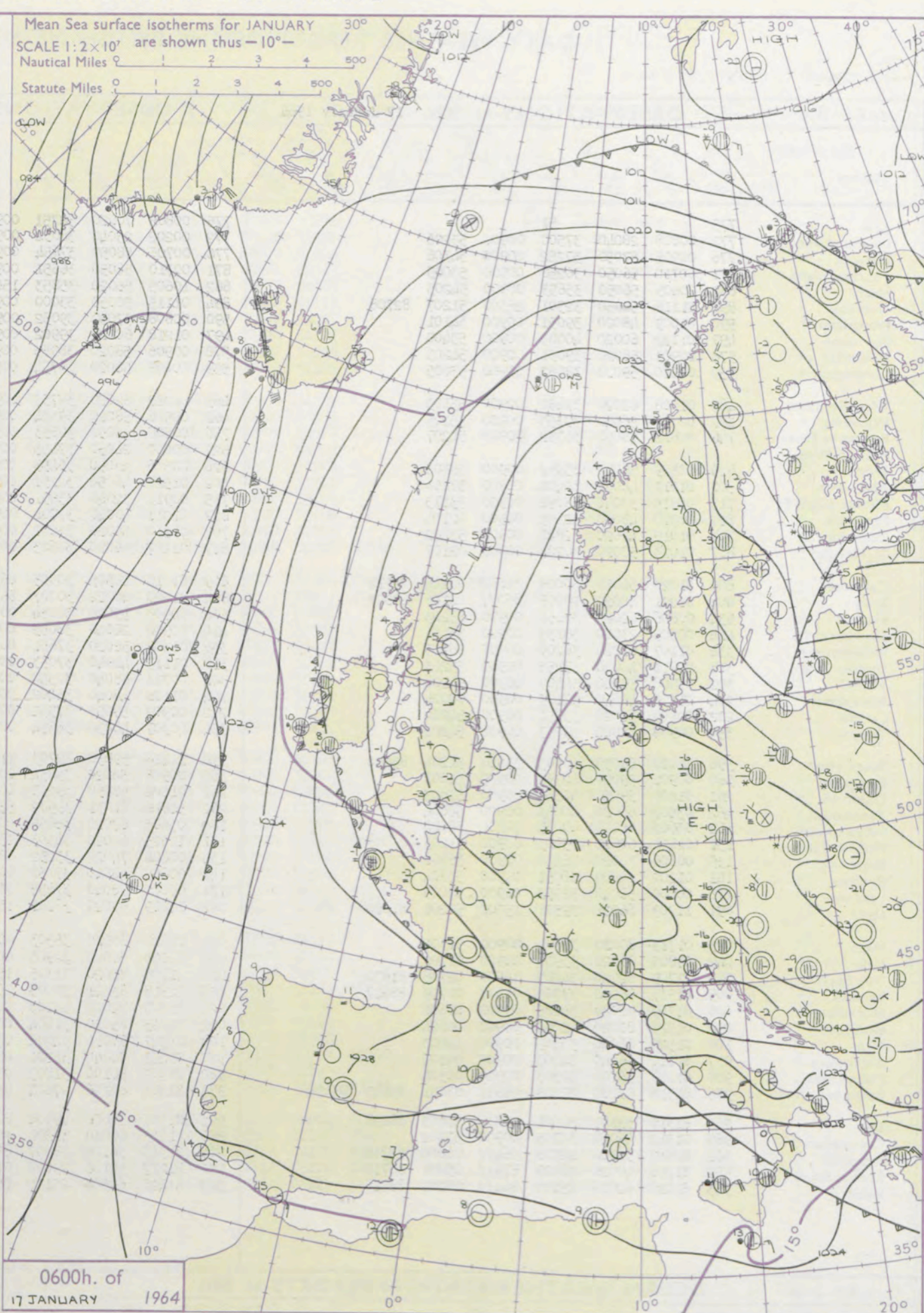
Mainly dry and sunny with night frost in eastern districts. Cloudy with some rain in the west.

Mean Sea surface isotherms for JANUARY

SCALE 1:2x10' are shown thus -10°-

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500



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

Code FM II.A		OBSERVATIONS at 00h. 17 January 1964										OBSERVATIONS at 06h. 17 January 1964										OBSERVATIONS during NIGHT					CONVECTION TALL °C to °F
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 _n T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			51						775	00805	70020	38751	00900	54202					775	00523	58	+	+	40		
London Airport	772	00808	28040	37500	00900	53206				772	00202	25040	38052	00900	53202					772	00533	58	+	+	39		
Gatwick	776	00905	57050	37252	00900	54306				776	00705	58050	37654	00900	55802					776	00543	60	+	+	38		
Thorney Island	871	00710	56050	36250	00900	53005				871	00710	58050	36651	00900	53400					871	00513	57	+	+	37		
Hurn	862	00405	56050	35653	00900	54205				862	10605	56020	35853	15600	54203	81635				862	00543	59	+	+	36		
Guernsey	894	21116	50050	32301	26300	51207	82708			894	01115	50050	33000	00900	52302					894	00003	50	+	+	35		
Wattisham	590	01009	48020	39051	00900	54101				590	00808	37050	39052	00900	53501					590	00533	56	+	+	34		
Gorleston	497	01122	60020	40003	00900	53400				497	01218	60020	39902	00900	51701					497	00010	51	+	+	33		
Mildenhall	578	00903	58020	39051	00900	54205				578	00906	58020	38953	00900	55603					578	00543	57	+	+	32		
Cardington	559	00610	59020	38652	00900	53005				559	00407	58020	38754	00900	55701					559	00563	59	+	+	31		
West Raynham	485	01008	62020	39452	00900	55103				485	01012	62020	39753	00900	55703					485	00553	57	+	+	30		
Wittering	462	00707	56040	39353	00900	55205				462	00506	58020	39354	00900	55602					462	00553	59	+	+	29		
Boscombe Down	746	00812	48050	36552	00900	54207				746	00808	48050	36653	00900	55103					746	00543	56	+	+	28		
Ross-on-Wye										627	00000	24050	37155	00900	56303					627	00563	62	+	+	27		
Bristol	628	00509	56050	35952	00900	55103				628	00506	48050	36453	00900	55303					628	00553	58	+	+	26		
Aberporth	502	01211	48050	32401	00900	57806				502	01522	48050	32251	00900	57712					502	00513	60	+	+	25		
Rhoose (Cardiff)	715	00815	37040	35050	00900	53113				715	00915	32040	35551	00900	53305					715	00523	53	+	+	24		
Plymouth	827	00910	48050	32005	00900	02104				827	01011	40040	32704	00900	01202					827	00031	00	+	+	23		
Chivenor	707	01015	40020	32801	00900	53202				707	01210	50020	33001	00900	51204					707	00003	52	+	+	22		
St. Mawgan	817	01023	50020	30204	00900	02107				817	01127	56020	30603	00900	02302					817	00031	02	+	+	21		
Culdrose	809	31020	56051	30006	36400	04204	83712			809	81018	28505	30905	86311	03205	88709				809	97040	03	+	1d _o	20		
Scilly	804	81221	48022	28908	85311	06106	88609			804	81220	40022	30007	86311	06211	88707				804	97071	11	+	1r _o	19		
Elmdon	534	00806	62020	38154	00900	55203				534	00903	59020	38054	00900	54802					534	00574	61	+	+	18		
Shawbury	414	00803	23040	38153	00900	55101				414	00902	28040	38055	00900	56102					414	00563	60	+	+	17		
Manchester	334	01107	61020	38200	00900	56203				334	01308	58020	37651	00900	53301					334	00533	57	+	+	16		
Squires Gate	318	00911	40040	37853	00900	55203				318	01113	40040	37053	00900	55702					318	00563	60	+	+	15		
Valley	302	00508	58040	34400	00900	54204				302	00713	58040	32550	00900	55714					302	00531	55	+	+	14		
Ronaldsway	204	01126	48040	36103	00900	00004				204	01128	48040	35402	00900	50807					204	00021	50	+	+	13		
Carlisle	222	00809	62020	39551	00900	54004				222	00909	59050	37952	00900	54709					222	00533	55	+	+	12		
Watnall	354	00908	48040	39753	00900	54202				354	40907	48030	38854	00901	56809	84075				354	00553	61	+	+	11		
Spurn Head	396	31417	66030	40003	35600	51204	83630			396	21416	59030	39703	21500	51702	82825				396	00020	11	+	+	10		
Finningley	360	00908	59020	40352	00900	54001				360	00905	58020	39854	00900	55703					360	00553	59	+	+	9		
Dishforth	261	01602	59050	40552	00900	53802				261	01602	58050	39253	00900	54807					261	00541	57	+	+	8		
Tynemouth	262	03602	66020	40055	00900	58004				262	51816	61031	39502	55600	51806	85636				262	00011	53	+	+	7		
Eskdalemuir	162	03602	66020	40055	00900	58004				162	03603	67020	38655	00900	58608					162	00583	60	+	+	6		
Mull of Galloway	131	01424	60020	35403	00900	51203				131	11625	60020	34303	15500	51708	81625				131	00021	11	+	+	5		
Prestwick	135	00606	74020	36450	00900	56802				135	00804	74020	35252	00900	54706					135	00533	59	+	+	4		
Renfrew	141	01202	24040	38051	00900	53804				141	00605	48040	37152	00900	54705					141	00553	58	+	+	3		
Leuchars	171	00000	58040	38752	00900	53003				171	00000	58040	37455	00900	55710					171	00553	59	+	+	2		
Dyce	091	11703	66021	39501	15500	51201	81620			091	11809	69020	38201	15500	52707	81620				091	00013	54	+	+	1		
Wick	075	01713	80020	36804	00900	51301				075	01610	80020	35303	00900	51706					075	00033	51	+	+	0		
Cape Wrath	049	01805	86020	33906	00900	61702				049	00000	86020	32905	00900	59400					049	00033	55	+	+	-1		
Sule Skerry	010	11709	82020	34205	15600	03706	81630			010	11709	82020	33305	15600	51706	81630				010	00050	02	+	+	-2		
Lerwick	005	81917	86022	37905	85411	01709	88617			005	31918	83021	36005	35500	02711	83628				005	00031	01	+	+	-3		
Stornoway	026	01709	82020	34105	00900	01601				026	01809	82020	33103	00900	51603					026	00503	54	+	+	-4		
Benbecula	022	01523	86020	32805	00900	00604				022	01425	85020	31404	00900	01708					022	00030	51	+	+	-5		
Tiree	100	01526	66040	33305	00900	52803				100	01327	80020	32004	00900	53808					100	00040	01	+	+	-6		
Aldergrove	917	01114	56040	34203	00900	00102				917	01213	56040	33202	00900	51610					917	00011	51	+	+	-7		
Malin Head	980	01418	56100	32303	00900	00304				980	21507	56100	31803	25700	52302	82650				980	97021	52	+	+	-8		
Belmullet	976	81318	62108	27305	55631	03001	85643 88358			976	81314	62106	27004	85411	02501	83717 88633				976	94041	03	+	+	-9		
Birr	965	81311	59101	30604	85511	52803 88628				965	81311	59606	29504	87411	02806	86614 88633				965	97031	00	+	+	-10		
Collinstown	969	01312	59050	32705	00900	53502				966	11513	66030	31804	10930	53505	81360				969	00031	01	+	+	-11		
Rineanna	962	80812	56102	28506	86411	04004 88716				962	81315	56106	28307	86411	05301	88712				962	97051	04	+	+	-12		
Roches Point	952	81216	48626	28907	87411	05801 88711				952	81217	59106	29008	87311	07000	84707 88711				952	04071	06	+	+	-13		
Valentia	953	81019	62606	25109	86411	06101 88716				953	81420	62506	25110	86411	08302	88714				953	94091	07	+	+	-14		
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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37312

Date of Issue Saturday 18 January 1964

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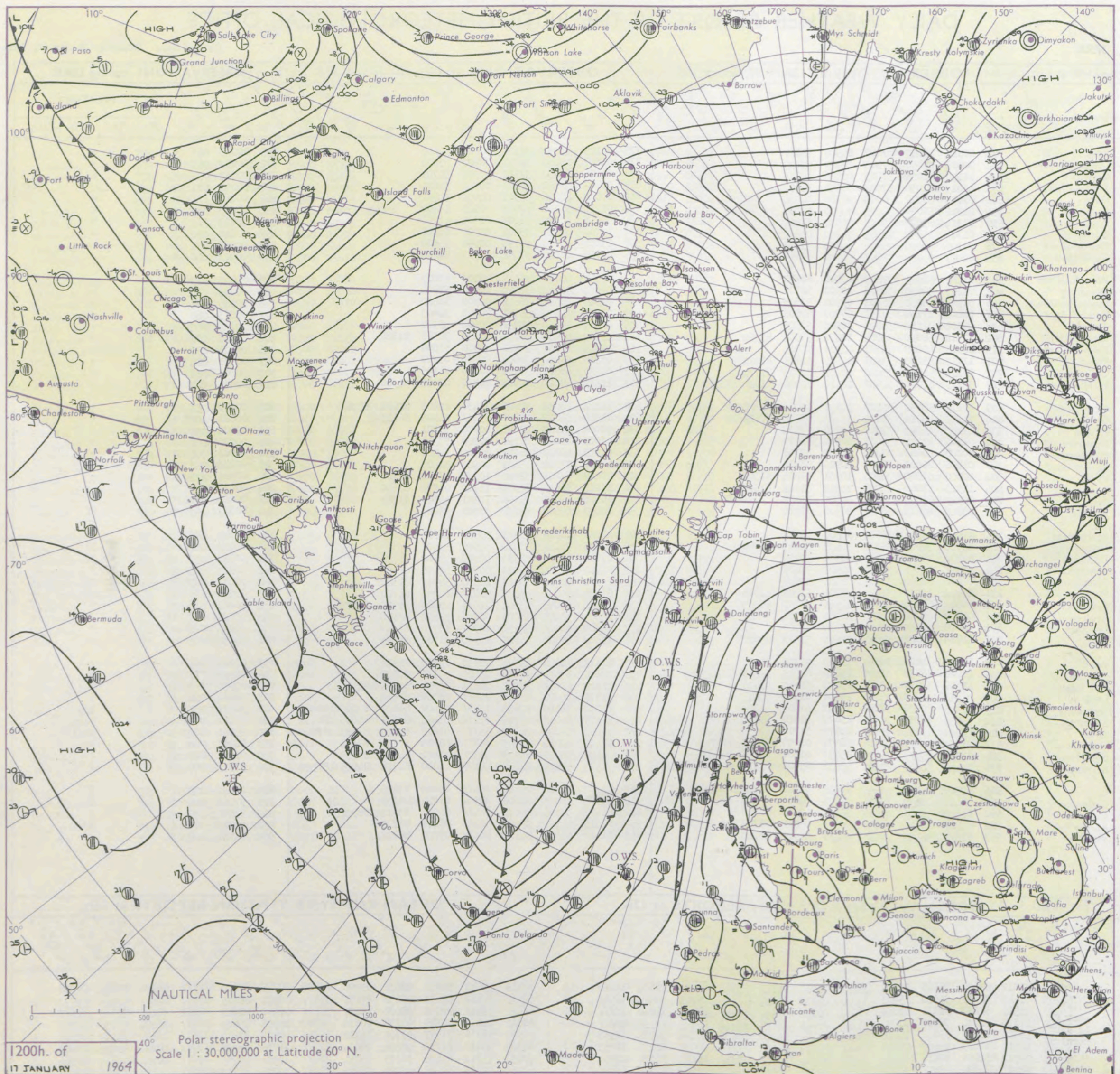
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Code FM II.A		OBSERVATIONS at 12h. 17 January 1964										OBSERVATIONS at 18h. 17 January 1964										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	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 x T x E	SSS	WEATHER			
																								09h.—15h.	15h.—21h.	
Kew	775	00812	56040	37402	00900	55807					775	01109	33050	37101	00900	54400				775	00043	063	+		+	
London Airport	772	00808	24040	37903	00900	55805					772	00807	15040	36801	00900	53804				772	00053	065	+		+	
Gatwick	776	01110	58050	37503	00900	52804					776	01106	56050	37152	00900	54701				776	00043	077	+		+	
Thorney Island	871	01013	61050	37004	00900	50802					871	00807	48050	36400	00900	52201				871	00053	071	+		+	
Hurn	862	01005	58022	36005	00900	50804					862	00808	48040	35501	00900	50801				862	00063	111	+		+	
Guernsey	894	01312	58050	34003	00900	53500					894	01114	58050	32903	00900	53200				894	00053	080	+		+	
Wattisham	590	01314	63020	39203	00900	51801					590	00908	58020	38201	00900	51707				590	00033	111	+		+	
Gorleston	497	01316	58050	40403	00900	01802					497	01210	60020	39104	00900	01601				497	00040	060	+		+	
Mildenhall	578	01206	56020	38604	00900	51706					578	01006	59020	38150	00900	53000				578	00053	071	+		+	
Cardington	559	01007	59020	38403	00900	51807					559	00707	40010	37451	00900	52804				559	00043	066	+		+	
West Raynham	485	01411	58020	39403	00900	00702					485	01110	40050	38451	00900	53803				485	00043	073	+		+	
Wittering	462	01207	28050	38901	00900	52708					462	01006	22050	37900	00900	51804				462	00033	059	+		+	
Boscombe Down	746	01007	58050	36801	00900	53603					746	01007	56050	36651	00900	54400				746	00033	068	+		+	
Ross-on-Wye	627	00802	17100	37151	00900	52806					627	00502	24050	35951	00900	52603				627	00013	060	+		+	
Bristol	628	00508	32050	36801	00900	52804					628	00507	19050	35751	00900	53500				628	00023	062	+		+	
Aberporth	502	11512	56050	33705	10972	57004	81362				502	11512	62050	32702	10930	52581	81362			502	00063	008	+		+	
Rhoose (Cardiff)	715	00915	40040	35701	00900	53803					715	00915	28040	34201	00900	51504				715	00023	051	+		+	
Plymouth	827	11112	59020	33207	00902	02801	81075				827	00910	56040	32604	00900	01207				827	00071	064	+		+	
Chivenor	707	11211	56010	33804	00901	01003	81072				707	01210	48010	33203	00900	01205				707	00061	066	+		+	
St. Mawgan	817	31219	61020	31506	12589	02006	81820	83172			817	11322	58020	30905	10930	02002	81360			817	00071	063	+		+	
Culdrose	809	31115	58051	32207	20931	03004	82366				809	41211	58052	31605	25430	02203	82614	83362		809	00070	051	+		+	
Scilly	804	71319	58016	30808	75411	05006	87615				804	61516	56012	29906	65411	04505	86615			804	00081	007	+		+	
Elmdon	534	01103	40040	37900	00900	53805					534	00000	23040	37051	00900	53001				534	00034	059	+		+	
Shawbury	414	01102	23040	37651	00900	53807					414	01002	11040	36751	00900	53301				414	00003	042	+		+	
Manchester	334	00000	40040	37304	00900	60706					334	01305	48020	36001	00900	54601				334	00063	068	+		+	
Squires Gate	318	01206	20040	37001	00900	53702					318	01212	17040	35451	00900	54400				318	00033	064	+		+	
Valley	302	10000	61040	34306	10931	51004	81362				302	10408	63040	32802	10930	53502	81362			302	00113	071	+		+	
Ronaldsway	204	11323	57040	34705	15542	01802	81625				204	11218	56040	33904	15742	01502	81650			204	00060	052	+		+	
Carlisle	222	00910	62020	37302	00900	55809					222	10908	59020	35300	10941	55607	81365			222	00053	071	+		+	
Watnall	354	00804	40040	38400	00900	53810					354	00807	09460	37852	00900	53803				354	00023	052	+		ff	
Spurn Head	396	01415	48010	39704	00900	00400					396	01608	40020	38503	00900	01705				396	00040	080	+		+	
Finningley	360	10908	37040	39301	00901	52809	81080				360	01405	37040	38452	00900	53501				360	00033	068	+		1f	
Dishforth	261	01702	25040	38201	00900	52709					261	01607	14100	38351	00900	53500				261	00021	053	+		1f	
Tynemouth	262	01911	24051	38902	00900	51808					262	01912	32050	37401	00900	51605				262	00023	015	+		+	
Eskdalemuir	162	00000	62050	37303	00900	55807					162	13602	70010	36553	10930	59703	81360			162	00053	069	+		+	
Mull of Galloway	131	21822	63020	33404	25500	51706	82625				131	61618	60022	33405	66411	00704	88720			131	00051	111	/		/	
Prestwick	135	10604	68020	35404	10941	57701	81365				135	40706	66021	33901	20931	55400	82359	84075		135	00063	056	+		+	
Renfrew	141	00000	03044	36852	00900	53804					141	20000	13044	35000	00901	52502	82070			141	00023	017	ff		ff	
Leuchars	171	00000	13040	37000	00900	52707					171	10000	20040	35152	10931	53710	81362			171	00033	029	+		+	
Dyce	091	51714	58042	36803	55500	51812	85620				091	11808	48040	35100	10930	51705	81362			091	00041	044	+		+	
Wick	075	11711	74020	34504	10940	51708	81360				075	11612	74020	32504	10930	01505	81360			075	00051	054	+		+	
Cape Wrath	049	40000	86030	31109	25609	68715	82630	84175			049	20000	83020	30006	25600	53716	82630			049	00123	111	+	</		

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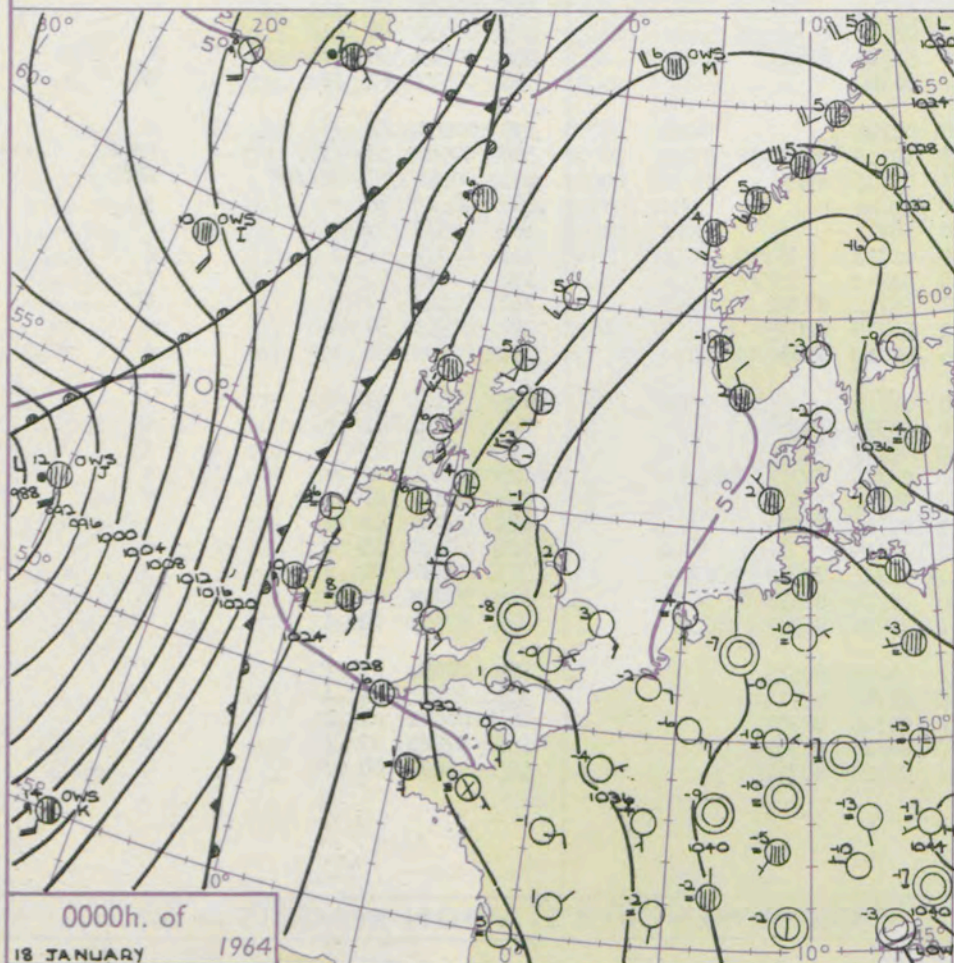
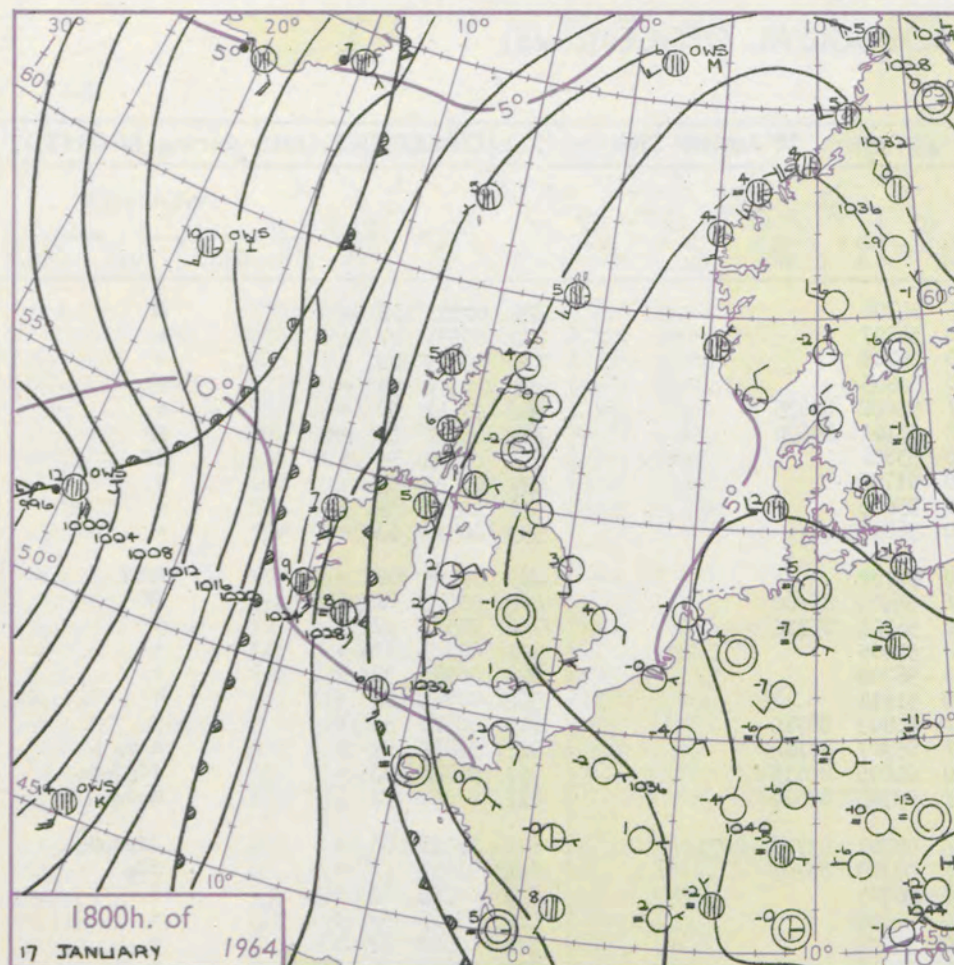
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GENERAL SYNOPTIC DEVELOPMENT

The anticyclone over central Europe which has been drifting southeastwards is now almost stationary and the ridge extending over the North Sea and southern Scandinavia is showing little change. The depression over the Atlantic has deepened considerably during the past 24 hours and although the centre is expected to move north the associated cold front is expected to cross most western districts of the British Isles during tonight and tomorrow morning.

Issued at midday Saturday 18 January 1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most central and eastern districts will be sunny and rather cold by day, with frost inland at night. Cloudy weather with rain or drizzle at times will spread gradually eastwards across all western districts and be followed by brighter showery weather which is expected to reach Northern Ireland and western Scotland by dawn.

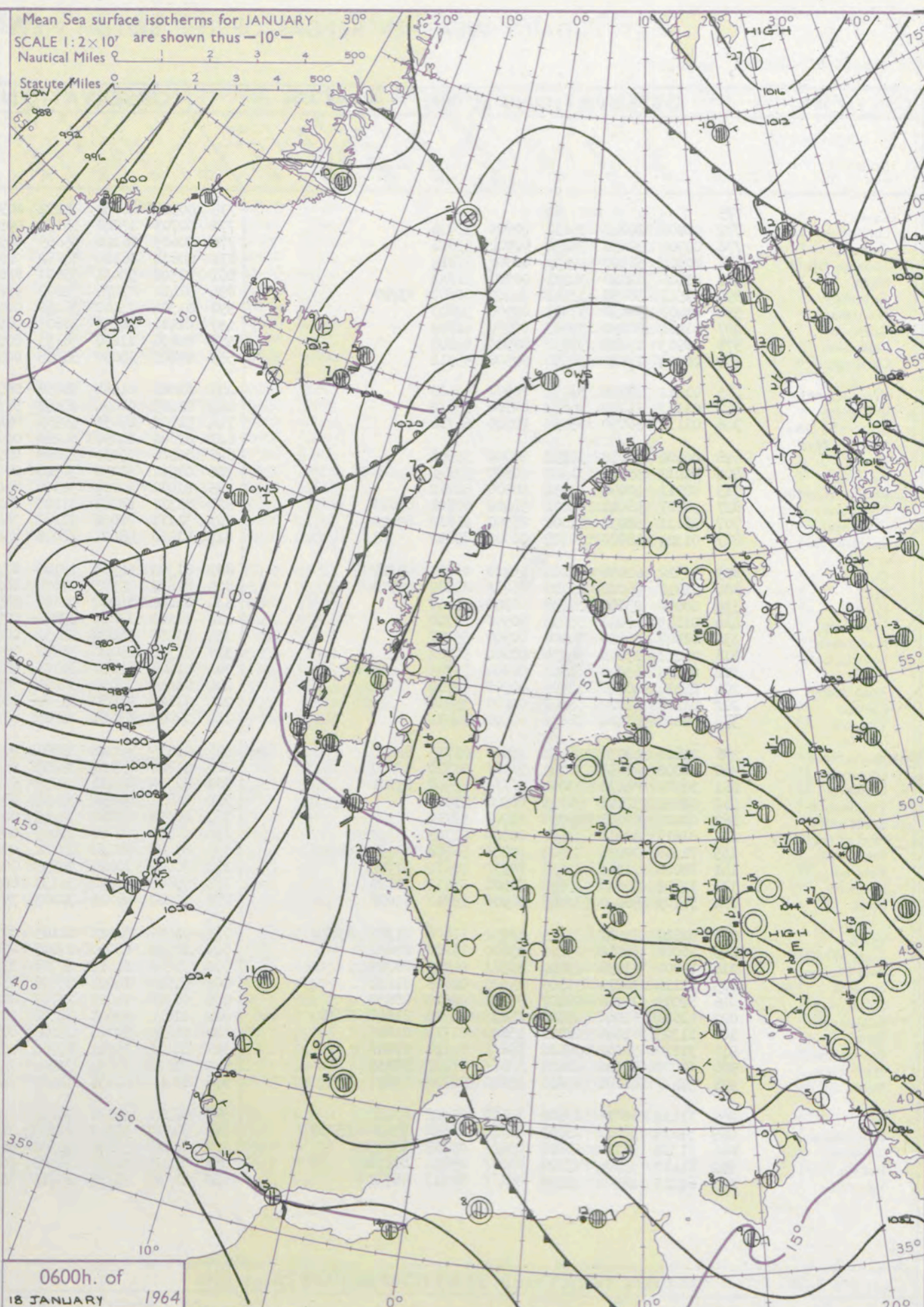
OUTLOOK for following 24 hours
Becoming less cold in eastern England. Sunny intervals with near normal temperatures in the west and north.

Mean Sea surface isotherms for JANUARY

SCALE 1:2x10⁷ are shown thus -10°-
Nautical Miles 0 2 3 4 500

Statute Miles

LOW



0600h. of
18 JANUARY 1964

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

Code FM II.A		OBSERVATIONS at 00h. 18 January 1964										OBSERVATIONS at 06h. 18 January 1964										OBSERVATIONS during NIGHT					CONVECTIVE TAB °C to °F
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d T _d	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 T _d	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRR _n T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775				51					775	00906	40050	35252	00900	54708					775	00533	59	+	1f	40		
London Airport	772	00806	20040	36150	00900	53714				772	00703	17040	35153	00900	54707					772	00533	57	+	+	39		
Gatwick	776	00906	32050	36254	00900	55811				776	00603	26100	35655	00900	56708					776	00573	62	+	+	38		
Thorney Island	871	00804	58100	36651	00900	52714				871	00804	58100	34852	00900	52605					871	00533	59	+	+	37		
Hurn	862	01106	62020	34201	00900	51713				862	81508	59031	33801	85611	52602	88635				862	97541	58	+	+	36		
Guernsey	894	31517	56050	33102	36400	00607	83710			894	91412	F7474	32803	91111	03101	89100				894	00021	00	FF	FF	35		
Wattisham	590	01407	32050	37451	00900	52803				590	01304	23100	36452	00900	53806					590	00533	59	+	1f	34		
Gorleston	497	01414	58050	38003	00900	01702				497	01411	56050	36803	00900	01705					497	00003	55	+	+	33		
Mildenhall	578	00903	23100	37054	00900	54808				578	00804	11280	36155	00900	55605					578	00563	59	+	+	32		
Cardington	559	00904	17040	36554	00900	55811				559	00705	18050	35355	00900	56812					559	00573	61	+	+	31		
West Raynham	485	01311	23100	36752	00900	53810				485	01004	01484	36856	00900	57702					485	97573	60	+	FFff	30		
Wittering	462	01103	11100	36653	00900	53812				462	91205	F8494	35655	91111	56710	89100				462	00563	61	ffff	FF	29		
Boscombe Down	746	01114	56050	35053	00900	54710				746	51201	28051	35955	56400	56505	85711				746	97553	57	+	+	28		
Ross-on-Wye										627	02602	24050	34256	00900	57605					627	00573	62	+	+	27		
Bristol	628	00602	28050	34953	00900	55508				628	00606	37050	32855	00900	56709					628	00553	59	+	+	26		
Aberporth	502	01410	59050	31500	00900	52809				502	01511	59050	30500	00900	51811					502	00501	52	+	+	25		
Rhoose (Cardiff)	715	00911	40040	33951	00900	52712				715	81011	40101	32500	86411	50803	88715				715	00523	53	+	+	24		
Plymouth	827	50907	56041	32601	55400	00801	85618			827	81312	28101	31105	86211	05707	88704				827	97011	54	+	d d o	23		
Chivenor	707	21111	58030	31801	25500	51810	82620			707	31112	32030	31103	35400	01805	83615				707	97011	53	+	id o d o d o	22		
St. Mawgan	817	01324	58020	30104	00900	02810				817	81414	48021	30005	85411	03705	88610				817	97041	02	+	d o d o	21		
Culdrose	809	51512	62031	31005	55400	03804	85714			809	81309	54505	29106	87311	05707	83706	88712			809	97041	03	+	id o d o d o	20		
Scilly	804	81818	56022	29706	86411	04805	88712			804	81619	32505	27808	86211	07709	88703				804	91051	11	+	id o	19		
Elmdon	534	00000	23100	36358	00900	59612				534	01602	14100	35156	00900	56505					534	00594	63	+	+	18		
Shawbury	414	01103	17040	35253	00900	55710				414	01203	17040	33855	00900	56609					414	97563	59	+	+	17		
Manchester	334	01807	56020	34900	00900	59707				334	01407	56020	33451	00900	54709					334	00523	57	+	+	16		
Squires Gate	318	01211	13044	34354	00900	56807				318	01320	35040	31851	00900	54813					318	00553	59	ff	+	15		
Valley	302	02605	63040	31600	00900	55705				302	01406	63020	30101	00900	52710					302	00503	56	+	+	14		
Ronaldsway	204	01316	40040	32005	00900	02710				204	01412	37040	30104	00900	02611					204	00030	01	+	+	13		
Carlisle	222	01108	62020	33902	00900	55811				222	11109	62030	31502	15600	58715	81640				222	00523	56	+	+	12		
Watnall	354	00000	07424	36853	00900	54511				354	90000	F7494	35555	91111	56504					354	00573	62	ff	FR	11		
Spurn Head	396	21610	48030	36102	25500	01715	82625			396	01815	32020	35801	00900	01711					396	00000	11	+	+	10		
Finningley	360	90000	F1494	36855	91011	56510	89100			360	91708	03494	35353	91011	54509	89100				360	00583	59	ffff	ffff	9		
Dishforth	261	92702	F4470	37054	91111	55507	89101			261	81710	01474	35053	91111	53713	89111				261	00541	57	fffff	FFFF	8		
Tynemouth	262	02010	32100	36151	00900	51605				262	01811	48050	33951	00900	52614					262	00523	56	+	+	7		
Eskdalemuir	162	00000	69020	35053	00900	57712				162	00000	67020	32755	00900	58714					162	00573	59	+	+	6		
Mull of Galloway	131	01617	60011	31407	00900	02709				131	01616	60020	29403	00900	01713					131	00031	11	/	/	5		
Prestwick	135	71308	70031	33004	50931	56708	83359	84362		135	01207	70020	29701	00900	53713					135	00003	53	+	+	4		
Renfrew	141	70000	11041	33550	70931	52611	87362			141	70000	10041	30953	70931	55711	87362				141	00543	57	+	ff	3		
Leuchars	171	12705	26040	33553	00901	55613	81075			171	22602	40040	31153	00901	54715	82075				171	00553	57	+	+	2		
Dyce	091	51709	56040	32900	00906	55710	85070			091	50000	66012	30203	35706	56713	83650	84070			091	00503	54	+	+	1		
Wick	075	51910	74011	30105	10932	51808	81360	85070		075	01607	80021	28105	00900	01715					075	00041	01	+	+	0		
Cape Wrath	049	20000	86016	29206	25600	59202	82630			049	20905	86010	27007	25600	56715	82630				049	00033	01	+	+	- 1		
Sule Skerry	010	80000	81031	29407	86511	04705	88725			010	31202	81011	27207	35500	02717	83625				010	00060	03	/	/	- 2		
Lerwick	005	12114	74011	31305	15500	02616	81621			005	81913	74021	28906	85411	03716	82714	88656			005	00041	02	+	+	- 3		
Stornoway	026	82013	74026	29407	85611	02610	88630			026	01306	74021	25707	00900	03721					026	97051	01	ir o	+	- 4		
Benbecula	022	41621	62046	28106	15630	04716	81647	83360		022	11624	59041	24306	00901	02719	81075				022	00050	02	+	+	- 5		
Tiree	100	11323	61046	28706	15600	01713	81640			100	01429	58041	25206	00900	01719					100	00050	03	+	+	- 6		
Aldergrove	917	71210	56042	30106	75611	02710	87642			917	61412	59041	27704	25601	02713	82640	86070			917	00031	01	+	+	- 7		
Malin Head	980	52002	61102	28005	55611	01713	85635			980	21622	61051	23205	25700	01724	82650				980	97041	01	/	/	- 8		
Belmullet	976	31417	48101	23206	35600	04722	83635			976	81325	62101	18407	86411	05836	86717	88632			976	97061	04	/	/	- 9		
Birr	965	31412	66011	27506	35600	01715	83635			965	81315	66031	24207	85611	03719	88635				965	00051	03	/	/	- 10		
Collinstown	969	51614	58101	29604	35731	01612	83650	85359		969	31717	66021	27205	36400	02714	83714				969	97041	02	/	/	- 11		
Rineanna	962	81318	56102	25908	85411	05715	88619			962	81319	56102	22208	86311	06725	88708				962	00071	07	/	/	- 12		
Roches Point	952	81417	59102	27308	86411	05814	88718			952	81221	32515	24208	86211	08816	88703				952	97081	07	/	/	- 13		
Valentia	953	81219	48505	22510	86411	08617	88710			953	81325	58216	18711	86411	09520	88711				953	01091	08	/	/	- 14		
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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

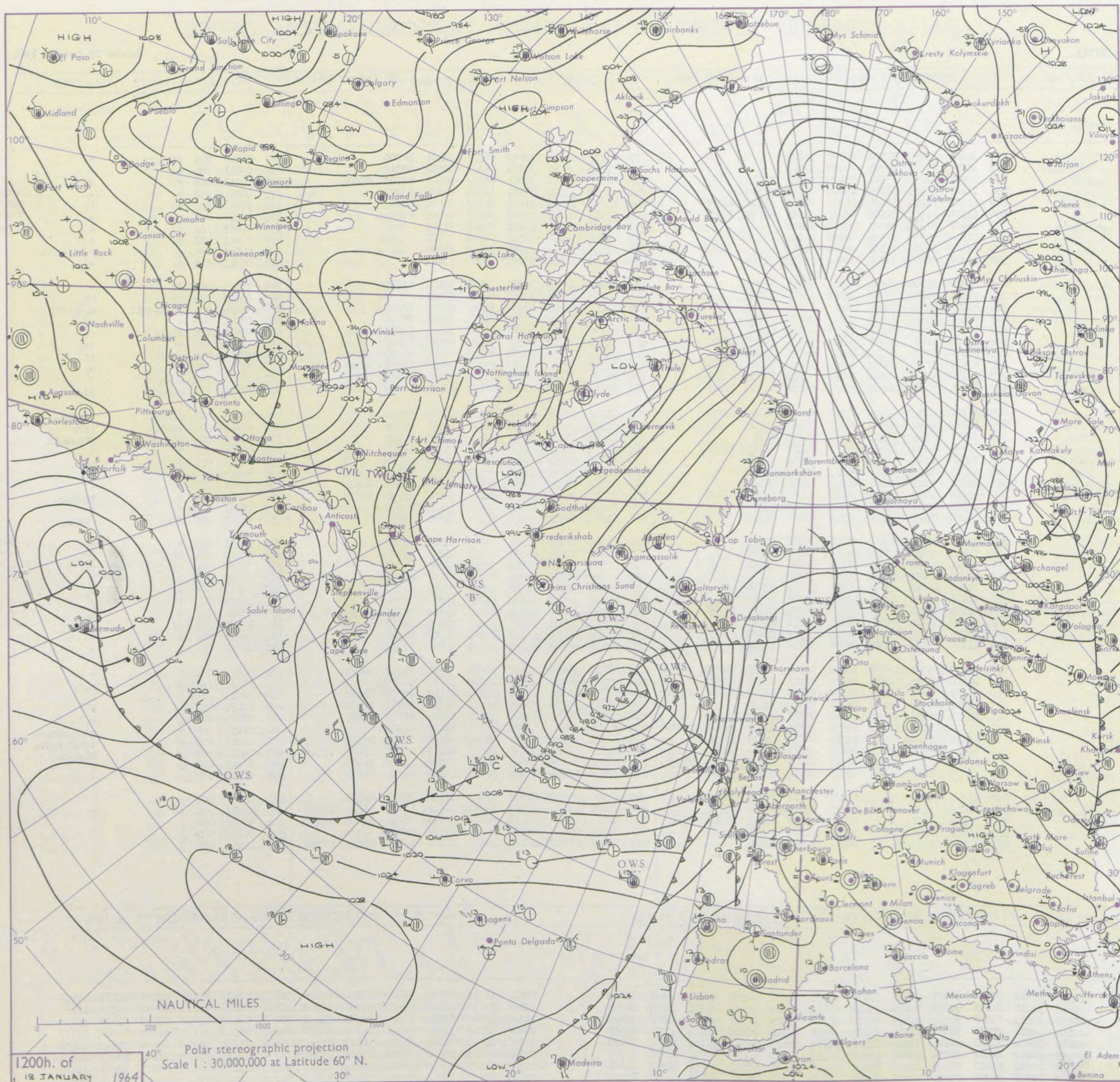
No. 37313

Date of Issue Sunday 19 January 1964

VERSION
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Code FM II.A		OBSERVATIONS at 12h. 18 January 1964										OBSERVATIONS at 18h. 18 January 1964										OBSERVATIONS during DAY				
Station		ill	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _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 _s	SSS	WEATHER		
																								09h.—15h.	15h.—21h.	
Kew	775	01405	19054	34502	00900	54807					775	81607	60021	32802	86311	50101	88708				775	00043	055	ff		+
London Airport	772	01005	15044	34503	00900	55807					772	81606	28041	32801	86411	00001	88710				772	00041	048	+		+
Gatwick	776	03006	32050	35501	35400	50205	83615				776	81603	17101	33001	86211	00001	83703	88704			776	00043	046	+		+
Thorney Island	871	11403	40051	34205	15600	01707	81630				871	31008	32100	32401	36300	00804	83707				871	00061	054	+		+
Hurn	862	81005	35052	33104	86311	02805	87706	88708			862	81006	10282	31604	86111	03500	88702				862	97041	111	+		ff
Guernsey	894	61514	32054	32106	66211	04803	83705	86708			894	81515	40051	30005	86211	05603	87704				894	00060	006	+		+
Wattisham	590	01607	37054	35002	00900	52804					590	01804	20100	33551	00900	51301					590	00033	111	+		+
Gorleston	497	01514	56050	36004	00900	01702					497	01710	58050	33502	00900	01707					497	00043	057	+		+
Mildenhall	578	01405	32050	34302	00900	51711					578	01505	28050	32850	00900	52400					578	00043	069	+		+
Cardington	559	11308	28050	33901	10940	52819	81368				559	01407	14040	32852	00900	53102					559	00043	049	+		+
West Raynham	485	01710	19104	34901	00901	53845	81075				485	11709	23050	32951	00901	52501	81075				485	00023	061	ff		+
Wittering	462	11402	06484	33953	00901	53816	81080				462	00000	03484	32553	00900	54502					462	00003	024	FF		FF
Boscombe Down	746	81209	18502	33801	86211	01806	88703				746	81207	02425	32002	86011	01702	88700				746	97021	000	id ₀ d ₀ d ₀ ff		d ₀ d ₀ ffff
Ross-on-Wye	627	81502	24052	32601	86311	00809	88708				627	80000	13102	30402	86211	01603	88704				627	00041	000	+		+
Bristol	628	81006	14201	32602	86211	02808	88703				628	81105	17284	30603	86211	03602	88703				628	97031	000	id ₀ ff		ff
Aberporth	502	71518	48051	28803	76311	02808	82708	87712			502	71620	50052	26605	75411	04606	87613				502	97051	000	+		ir ₀
Rhoose (Cardiff)	715	81110	23505	32202	86211	02805	85703	88708			715	81110	23104	29704	87211	04604	84703	88713			715	97041	000	id ₀ ff		if
Plymouth	827	81517	37025	30807	85311	06803	87708	88618			827	81311	40022	29005	85311	05706	81709	88615			827	97071	000	+		d ₀
Chivenor	707	71210	58015	30706	75411	04710	81615	87620			707	71213	56022	28207	75411	05805	86712	87625			707	97071	002	d ₀ d ₀		+
St. Mawgan	817	71421	50015	28807	75311	05807	84708	87615			817	81418	48022	27606	86211	05302	80703				817	97071	001	d ₀ d ₀ id ₀		id ₀ d ₀ d ₀
Culdrose	809	81410	56515	29407	87311	05000	85707	88712			809	81708	28515	28008	87211	07604	88703				809	97091	000	d ₀ d ₀		id ₀ d ₀ d ₀
Scilly	804	81721	48025	27509	86311	08400	88706				804	81722	28405	25610	86211	10501	88703				804	03111	000	id ₀ ff		jfr
Elmdon	534	81711	23041	33551	86211	51811	88704				534	81505	11282	31601	86111	01704	88702				534	97011	000	+		ffd ₀ d ₀ id ₀
Shawbury	414	71806	32041	33250	76411	52711	87715	87630			414	81502	12102	30201	86311	01605	88707				414	97021	000	+		+
Manchester	334	71908	20041	31951	86311	54810	87707				334	81810	40045	29802	86411	51607	88710				334	97031	014	+		id ₀
Squires Gate	318	71519	20042	30611	76211	52810	87704				318	81413	22041	29301	86311	51705	88708				318	00013	024	+		+
Valley	302	81626	58021	28804	85411	01703	88618				302	81512	58022	26805	85411	02704	85618	88624			302	00061	021	+		+
Ronaldsway	204	72018	58021	29005	16432	01802	81715	87070			204	81723	58026	26906	86311	04605	82708	88713			204	91061	024	+		ir ₀ d ₀ r ₀
Carlisle	222	32503	23040	29501	00905	53814	83078				222	21006	32021	28752	00902	51803	82072				222	00033	057	+		+
Watnall	354	10000	03424	33451	00901	52812	81075				354	81602	04515	32050	86211	51601	88704				354	97013	000	FFff		ffd ₀ d ₀
Spurn Head	396	21711	16030	34602	00908	50806	82275				396	41810	18030	31401	35508	51502	83625				396	00033	055	+		if
Finningley	360	91606	03494	33754	91111	54812	89100				360	81610	10284	31651	86211	51803	88704				360	00003	006	FFff		ff
Dishforth	261	91512	03494	32953	91111	53816	89102				261	91810	03494	30752	91111	53604										

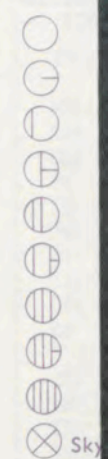
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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of sym

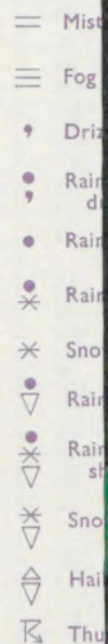
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Symbol



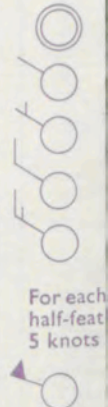
WEA

Symbol



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Symbol



For each
half-feet
5 knots

CHARTS OF WEATHER IN WEST EUROPE

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Cloud
Amount
(oktas)

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

obscured

WHER
Weather

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and
fizzle

and snow
shower
and snow
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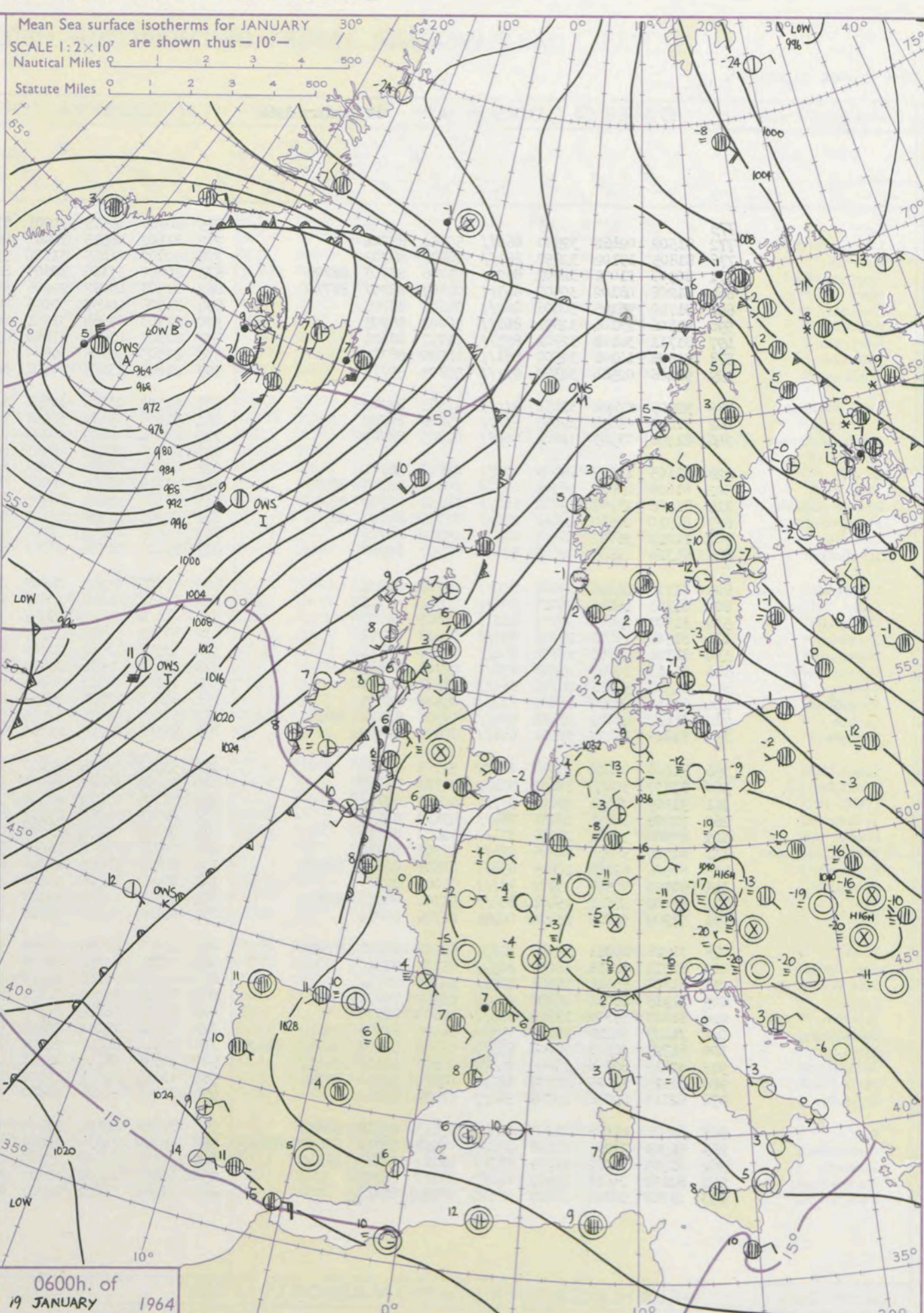
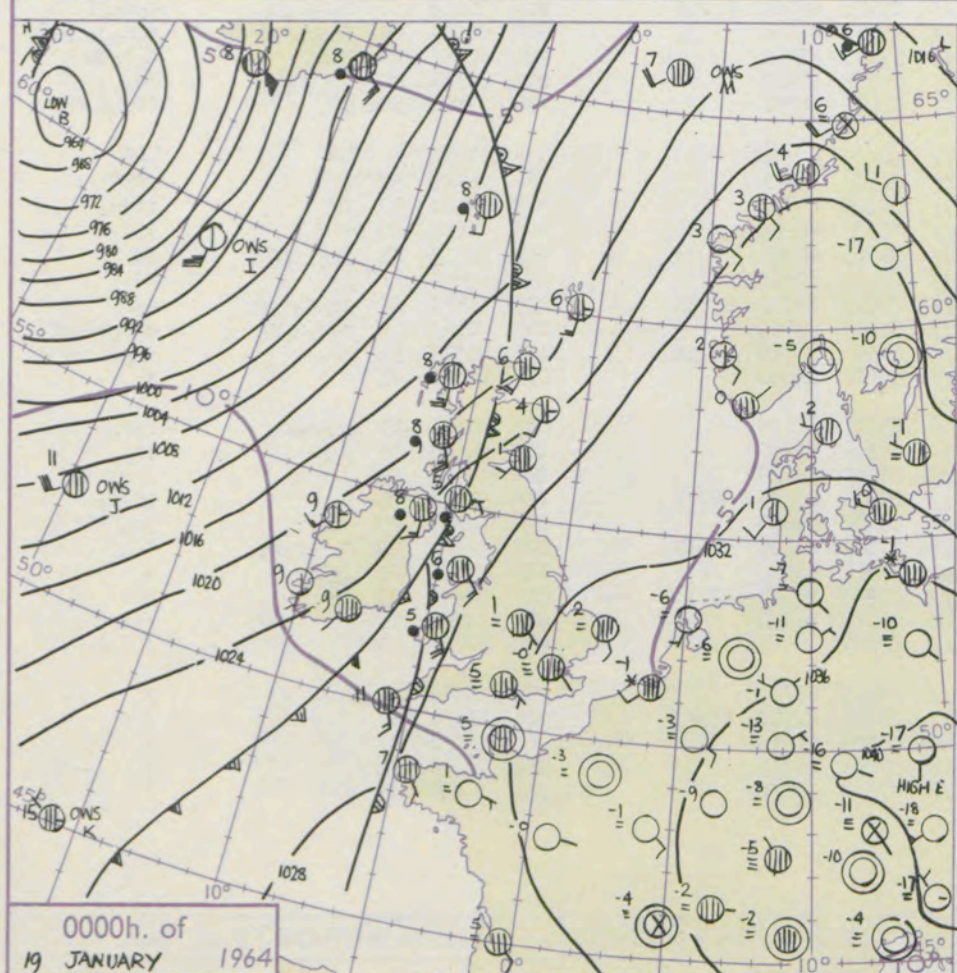
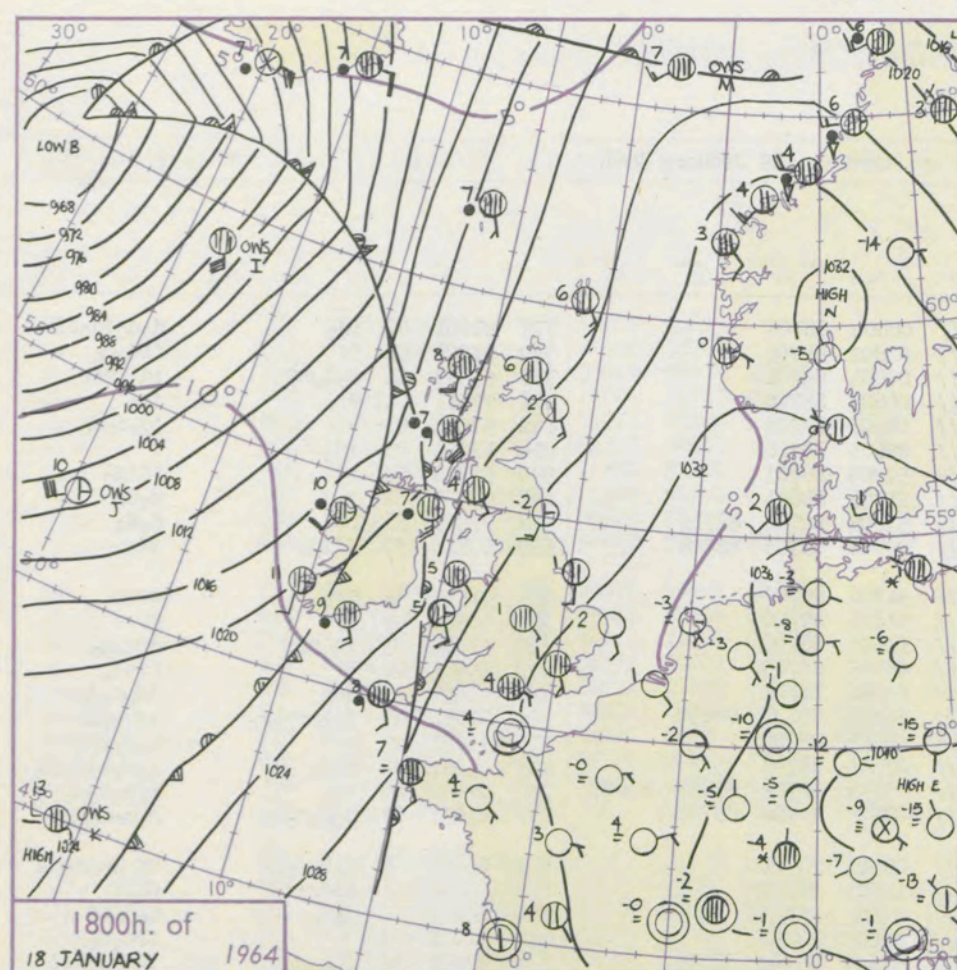
y shower
shower
nderstorm

IND
Wind
speed
(knots)

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

additional
her add

48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 19 January 1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Over Scotland and Northern Ireland it will be cloudy with near average temperatures and perhaps some rain tomorrow. Northern England, Wales and southwest England will remain cloudy and misty with occasional drizzle and hill fog. The Midlands, southern and southeastern England will be dull with a little drizzle and much hill fog and it will be rather cold.

OUTLOOK for the following 24 hours. Rather cold in the southeast but near average temperatures elsewhere. Some rain in the north and west. Occasional drizzle and much hill fog in central and eastern districts.

The anticyclone over Europe and its associated ridge of high pressure across the North Sea and Norway have remained stationary. Pressure has been falling steadily in these areas and a frontal trough from the Atlantic is crossing northern Britain. A deep depression has moved steadily northwards in mid-Atlantic, deepening still further, and a cold front south of the centre is moving rather quickly east. The anticyclone is expected to remain slow moving so that whilst the trough will move steadily across northern Britain, its progress will be very slow in the south.

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

Code FM 11.A		OBSERVATIONS at 00h. 19 January 1964										OBSERVATIONS at 06h. 19 January 1964										OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h 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 Ch _h C _h 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			03						775	80903	16515	31001	872//	00804	88703			775	91001	50	id ₀		d ₀ d ₀ id ₀ ff	40		
London Airport	772	81502	02462	32550	860//	50504	88701			772	81102	06515	30901	861//	01802	88701			772	91501	51	ff		ffid ₀ d ₀	39		
Gatwick	776	81805	19102	32650	861//	50802	88702			776	90905	01455	31100	911//	00804	89101			776	97511	51	d ₀ d ₀ FF		id ₀ FFff	38		
Thorney Island	871	80907	21051	32002	862//	01706	83703	88705		871	80000	37106	30605	864//	04605	88710			871	97011	01	+		ir ₀	37		
Hurn	862	81206	48102	30505	863//	04809	86707	88710		862	81903	48052	29906	863//	04603	88708			862	97041	03	+		id ₀ d ₀ d ₀	36		
Guernsey	894	81710	56105	30406	862//	05605	88705			894	81506	40052	30006	862//	05603	88704			894	97051	05	id ₀		+	35		
Wattisham	590	81806	23104	32651	862//	51702	88703			590	81903	02564	31651	860//	52705	88701			590	97524	57	if		ffid ₀	34		
Gorleston	497	81711	36101	32702	855//	01707	88621			497	82307	48052	31600	855//	51706	88621			497	97001	51	+		d ₀ d ₀	33		
Mildenhall	578	81805	14401	32500	861//	51500	88702			578	81305	19105	30850	862//	51808	82703	88712			578	97533	53	ff		d ₀ d ₀	32	
Cardington	559	91406	02564	32350	911//	50803	891//			559	81409	13205	30601	862//	00806	83703	88708			559	97513	52	ffid ₀		id ₀	31	
West Raynham	485	92009	F7494	32451	911//	51302	89100			485	91507	03494	30951	911//	51706	89100			485	91543	56	FF		FFff	30		
Wittering	462	91602	01494	32052	911//	53804	89100			462	91605	03434	30451	911//	51806	89100			462	00563	57	FF		FF	29		
Boscombe Down	746	81208	07505	31602	860//	01803	88701			746	81404	09425	30503	863//	03601	88706			746	97011	01	id ₀ ff		ffid ₀ d ₀	28		
Ross-on-Wye										627	81803	04454	28903	862//	03605	88705			627	95031	02	+		ffid ₀	27		
Bristol	628	81105	11502	29903	870//	03810	88701			628	80905	08465	29003	860//	03806	88701			628	91031	01	id ₀		id ₀ d ₀ d ₀ ff	26		
Aberporth	502	81620	48616	26905	4732/	05801	84709	88559		502	81714	48106	26906	855//	06301	85627	88650			502	01051	03	ir ₀ rr ₀ r ₀		id ₀ d ₀ d ₀	25	
Rhose (Cardiff)	715	81208	23102	29504	861//	04707	86702	88710		715	81107	06465	28705	860//	05805	88700			715	93041	02	+		d ₀ d ₀ ffFF	24		
Plymouth	827	80910	26512	28407	872//	07710	85704	88708		827	80905	23516	28107	873//	07804	88708			827	01061	05	d ₀ d ₀		r ₀ r ₀ d ₀ d ₀ id ₀	23		
Chivenor	707	81212	56022	28506	863//	05710	88709			707	80909	40216	27906	853//	03704	86707	87617	88622			707	02061	03	id ₀		r ₀ r ₀ d ₀ d ₀	22
St. Mawgan	817	81314	19505	27607	871//	07707	88702			817	81413	21516	27009	871//	09700	86702	88704			817	02071	07	d ₀ d ₀ r ₀ r ₀		r ₀ r ₀ d ₀ d ₀	21	
Culdrose	809	81711	26616	27609	870//	09703	88701			809	81706	15515	26809	870//	09201	88701			809	05081	08	d ₀ d ₀ r ₀ r ₀		ddr ₀ r ₀ d ₀ d ₀	20		
Scilly	804	81713	16216	26011	862//	10801	88708			804	91911	08456	25610	911//	10603	89100			804	04102	//	irddff		ddff	19		
Elmdon	534	81507	23105	30601	862//	01809	88703			534	90000	03475	29801	911//	01604	891//			534	97001	50	d ₀ d ₀		d ₀ d ₀ ff	18		
Shawbury	414	81508	19042	29203	863//	02607	88707			414	81703	17514	28803	861//	02503	88702			414	01021	01	+		ffid ₀ d ₀	17		
Manchester	334	81708	40045	28804	864//	01710	88711			334	81506	13502	28303	862//	02605	85703	88705			334	97021	02	id ₀		id ₀ d ₀ d ₀ if	16	
Squires Gate	318	81413	30042	27903	856//	02708	88641			318	81210	09516	27803	871//	03201	86702	88703			318	96003	51	r ₀ r ₀ d ₀ d ₀		d ₀ d ₀ ff	15	
Valley	302	81516	58616	26706	854//	04803	88615			302	81306	32516	26706	863//	06301	88706			302	01061	02	ir ₀ r ₀ r ₀ d ₀ r ₀		d ₀ r ₀ d ₀ d ₀ id ₀	14		
Ronaldsway	204	81611	58582	26906	872//	05601	88705			204	81608	12536	26607	870//	07503	88701			204	08051	04	DRRR		d ₀ r ₀ dd	13		
Carlisle	222	81410	48022	27801	855//	53705	83622	88625		222	80000	28036	27503	864//	02301	88711			222	97501	50	id ₀ ir ₀		id ₀	12		
Watnall	354	81803	05445	30501	861//	00609	88702			354	82108	03205	29361	870//	01604	88701			354	97001	50	ff		ffid ₀ d ₀ FF	11		
Spurn Head	396	81808	08444	31050	862//	51708	88704			396																	

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37314

Date of Issue Monday 20 January 1964

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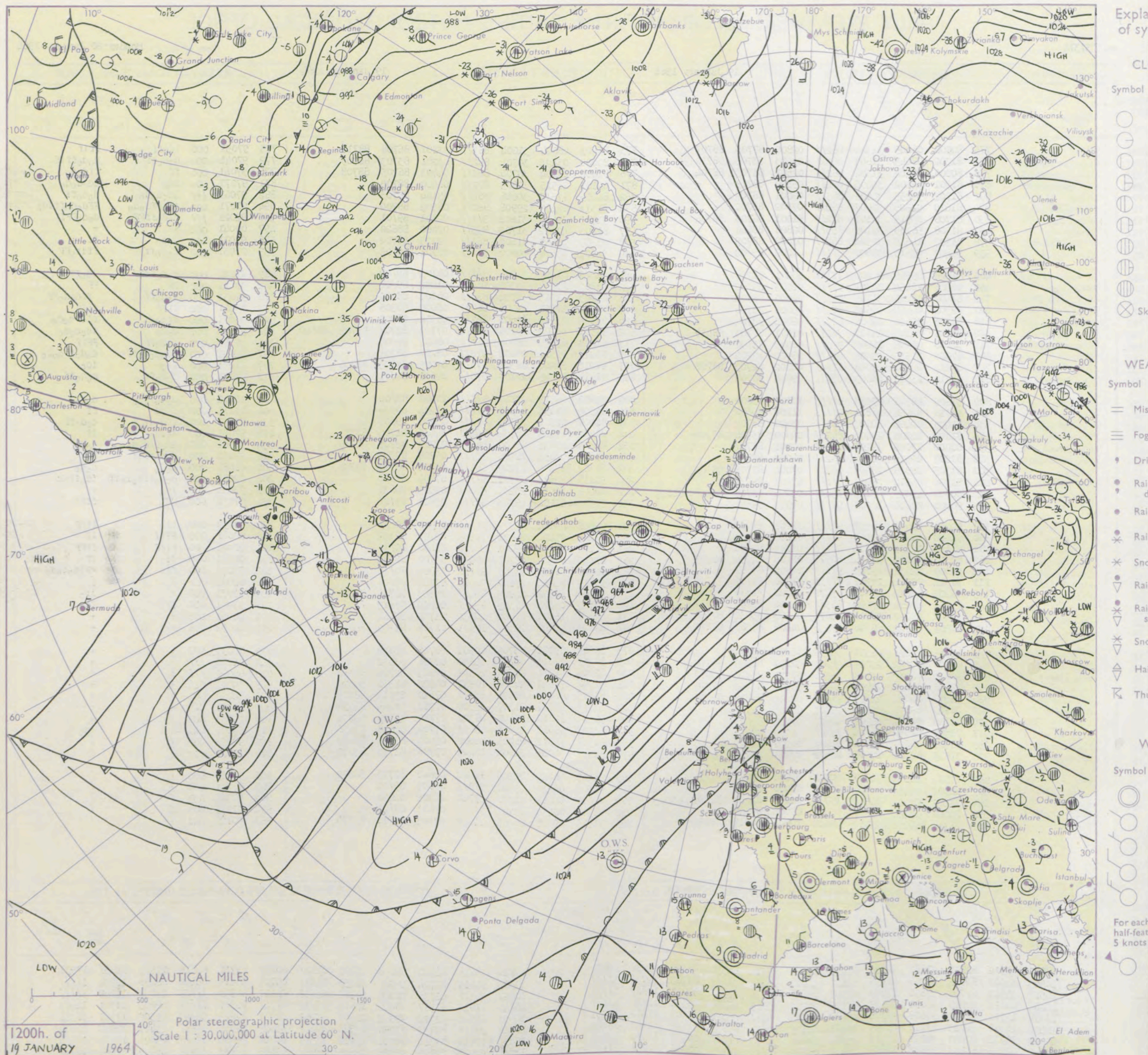
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Code FM 11.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwW	PPPTT	N _h L _h C _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h L _h 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 F	SSS	WEATHER			
																				09h.—15h.		15h.—21h.				
Kew	775	80000	06445	31304	862/1	02800	87705	88707			775	81403	48024	31004	863/1	03201	86708	88712			775	97051	000	id _o ff	ffif	
London Airport	772	81302	08445	31603	862/1	03003	83705	88710			772	80000	03425	30704	862/1	03201	83703	88705			772	97041	000	d _o d _o ff	d _o d _o ffif	
Gatwick	776	80000	08444	31502	862/1	02801	85703	88704			776	81604	17104	30704	862/1	04603	86705	88708			776	97041	000	ff	ffd _o d _o	
Thorney Island	871	81301	32102	31406	864/1	05400	88713				871	82101	28515	30805	872/1	04400	88705			871	97071	000	id _o	id _o d _o d _o		
Hurn	862	81702	39055	30806	863/1	05001	88707				862	81405	17515	30606	862/1	05104	88703			862	97061	///	id _o d _o d _o	d _o d _o ff		
Guernsey	894	81610	02505	30007	860/1	07802	88700				894	81511	02465	29906	860/1	06302	88700			894	91071	000	id _o FFd _o d _o	FFd _o d _o ffid _o		
Wattisham	590	81706	05515	32101	872/1	51001	84703	88704			590	91705	F9515	31602	91/1/1	02301	89/01			590	92021	///	d _o d _o ffFF	d _o d _o FFff		
Gorleston	497	81508	56105	32102	855/1	02808	88620				497	81803	40102	31703	855/1	02400	88620			497	00041	000	+	+		
Mildenhall	578	81707	14515	31502	862/1	01002	88705				578	81305	06465	31102	861/1	02103	88702			578	97031	000	d _o d _o	ff		
Cardington	559	91407	03515	31602	91/1/1	01002	89/02				559	91604	03476	30802	91/1/1	02101	89/03			559	97031	000	d _o d _o ff	ffir _o FF		
West Raynham	485	81808	05515	31400	871/1	50001	88702				485	91609	01455	31001	91/1/1	01103	89/00			485	91021	000	d _o d _o ffFF	id _o FF		
Wittering	462	91506	F8454	31301	91/1/1	01003	89/00				462	91802	F7454	30301	91/1/1	01802	89/00			462	00021	000	FF	FF		
Boscombe Down	746	81402	17285	31105	861/1	05002	88702				746	81603	01515	30704	860/1	04002	88700			746	91051	000	d _o d _o ff	ffd _o d _o FF		
Ross-on-Wye	627	82302	04424	29605	862/1	05001	88704				627	80000	17204	29106	862/1	06400	88705			627	93061	000	ffFF	ifid		
Bristol	628	81706	09424	29806	861/1	06000	88702				628	81305	03425	29606	862/1	06304	88703			628	93071	000	ff d _o d _o	ffif d _o d _o		
Aberporth	502	81809	28105	28107	762/1	07001	87703	88459			502	81611	56102	26708	853/1	07701	83707	87709 88640			502	97091	000	d _o d _o	id _o d _o d _o	
Rhoose (Cardiff)	715	91208	01504	29606	91/1/1	06003	89/00				715	91200	07475	28806	91/1/1	06602	89/00			715	92061	000	d _o d _o FF	FFff		
Plymouth	827	81008	11515	29008	871/1	08000	88702				827	81010	09514	28608	870/1	08203	88701			827	02091	000	id _o d _o d _o ff	d _o d _o ff d _o r _o		
Chivenor	707	81212	40216	29008	872/1	08002	82703	88705			707	81212	56206	28308	872/1	07002	85703	88706			707	91091	000	ir _o	id _o	
St. Mawgan	817	81412	23515	28009	871/1	09004	88702				817	81414	07425	27109	870/1	09001	88701			817	01091	000	d _o d _o ff	d _o d _o ff		
Culdrose	809	91609	08516	27810	91/1/1	10105	89/00				809	91609	05515	27110	91/1/1	10500	89/00			809	02101	000	d _o d _o r _o r _o	d _o d _o		
Scilly	804	91710	02454	26811	91/1/1	11108	89/00				804	92304	01455	26511	91/1/1	11204	89/00			804	03111	000	ffdd	ff		
Elmdon	534	81405	02464	30103	861/1	03400	88702				534	91607	02514	29803	91/1/1	03400	89/00			534	97031	000	ffd _o d _o	d _o d _o ff		
Shawbury	414	81102	14205	29404	862/1	04000	87704	87707			414	81002	07445	28704	862/1	04400	84705	88713			414	97051	000	ifid _o	if	
Manchester	334	80000	17045	29205	863/1	02001	88707				334	81605	19045	28606	862/1	03202	83705	88710			334	97061	000	id _o ff d _o d _o	d _o d _o	
Squires Gate	318	81207	09415	28804	862/1	04002	88705				318	91208	03454	28205	91/1/1	05704	89/03			318	91051	000	d _o d _o ffif	ff		
Valley	302	81305	28515	28207	862/1	07004	87705	88709			302	81307	17515	27208	861/1	08503	86702	88708			302	01081	000	d _o d _o	d _o d _o	
Ronaldsway	204	81706	05514	28007	91/1/1	07003	89/01				204	91111	02514	27307	91/1/1	07604	89/00			204	02081	000	d _o d _o ff d _o r _o if	id _o ffdd		
Carlisle	222	80000	23055	29104	854/1	03004	82718	83628 88632			222	80000	19052	28205	856/1	03805	88631			222	97031	000	id _o	+		
Watnall	354	90000	F7434	30302	91/1/1	02205	89/01				354	91903	01464	29703	91/1/1	03801	89/00			354	97031	000	FF	ffFF		
Spurn Head	396	92012	02434	30301	91/1/1	01207	89/1/1				396	91808	F9474	29902	91/1/1	02500	89/1/1			396	00030	000	ff	ffFF		
Finningley	360	91408	07434	30103	91/1/1	02000	89/03				360	71405	05424	29402	7093/	02703	87359			360	00041	000	FFff	ff		
Dishforth	261	91108	01435	29801	91/1/1	01105	89/01				261	91106	03454	29201	91/1/1	01400	89/1/1			261	00021	000	ffFF	ffFF		
Tynemouth	262	62305	11052	29004	40978	02104	84358	86275			262	82305	08444	28705	8097/	03702	88358			262	00051	000	ff	ff		
Eskdalemuir	162	90000	02434	29102	91/1/1	02002	89/01				162	90000	01475	28303	91/1/1	03804	89/00			162	93033	000	FF	FFid _o d _o d _o		
Mull of Galloway	131	92314	F7536	27907	91/1/1	07208	89/00				131	91812	F4454	27107	910/1	07704	89/00			131	02071	///	/	/		
Prestwick	135	81507	62022	27306	7547/	052020																				

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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mbols

LOUD
Cloud
Amount
(oktas)

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1 or less
2
3
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7 or more
8
Obscured

ATHER
Weather

izzle
and
izzle

and snow

shower

and snow
lower

w shower

shower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

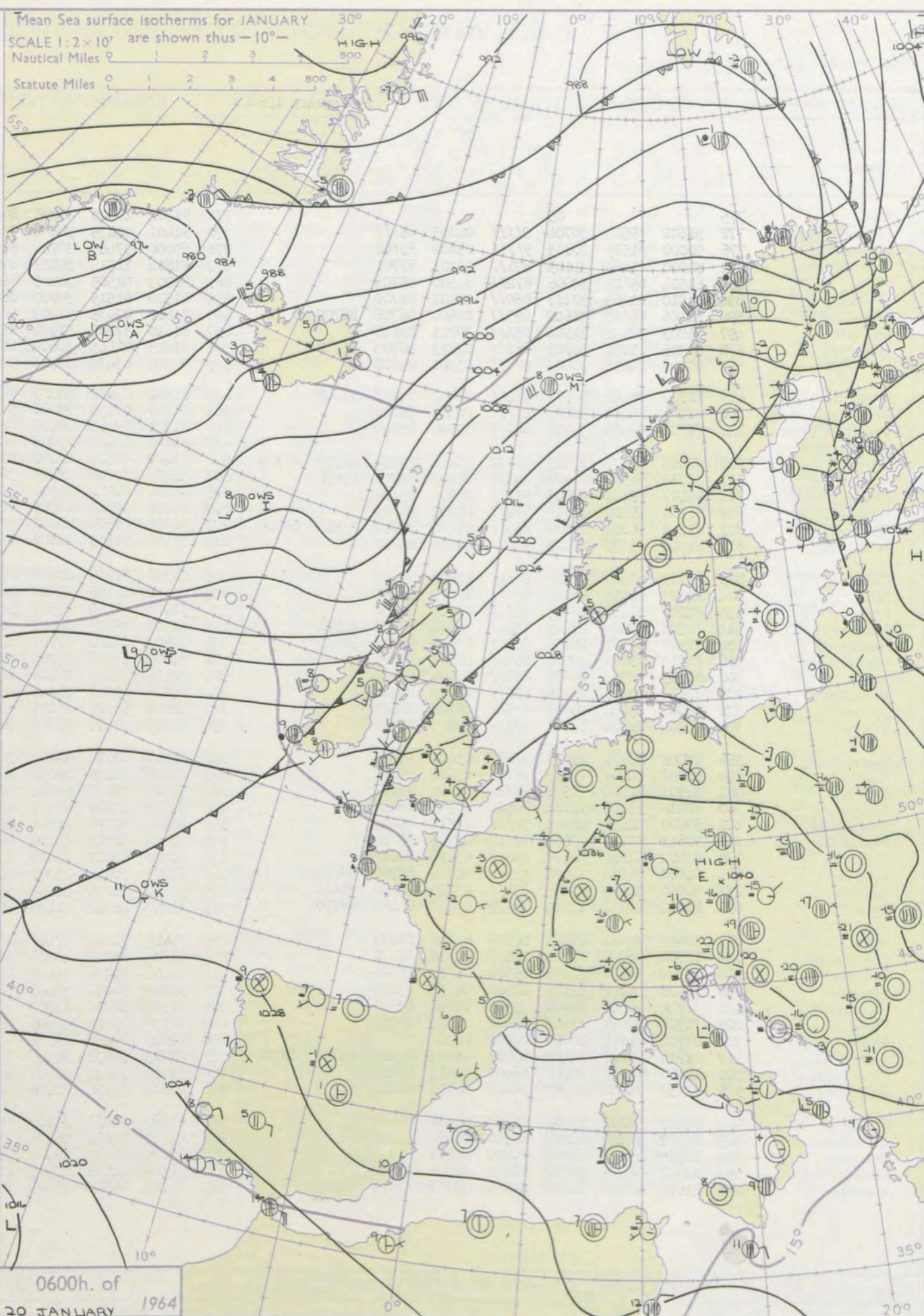
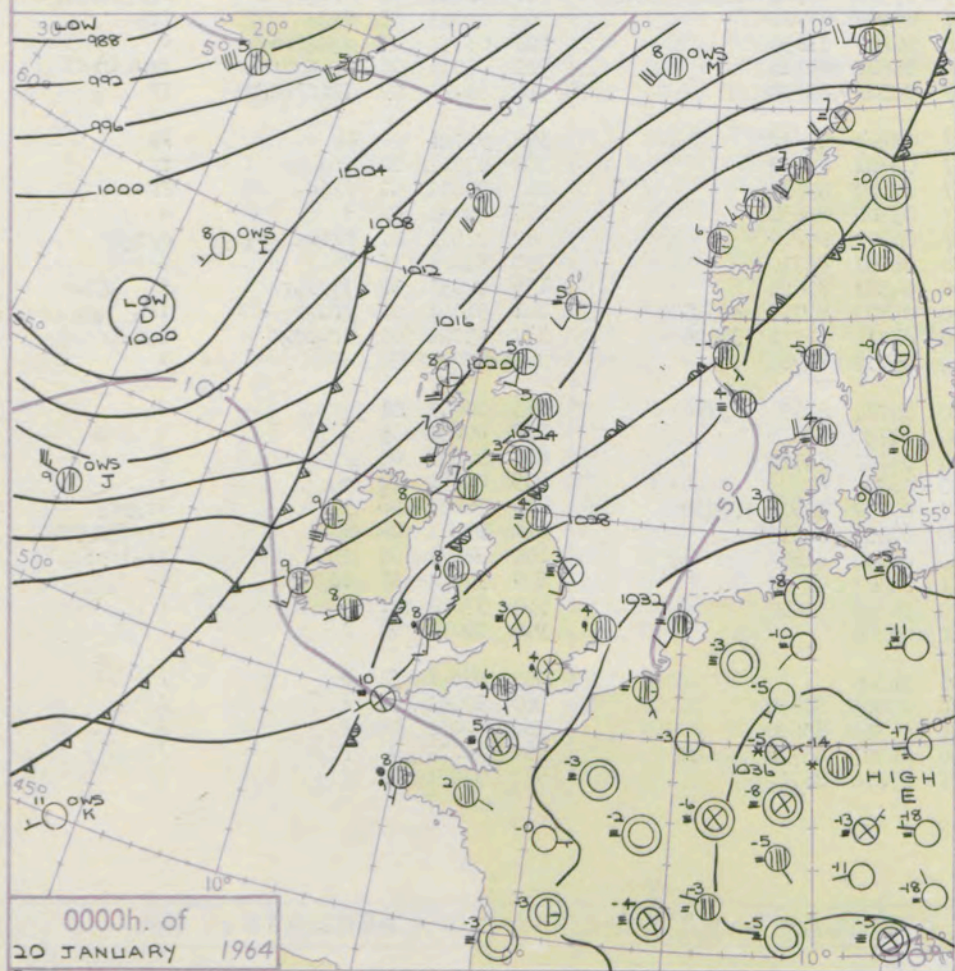
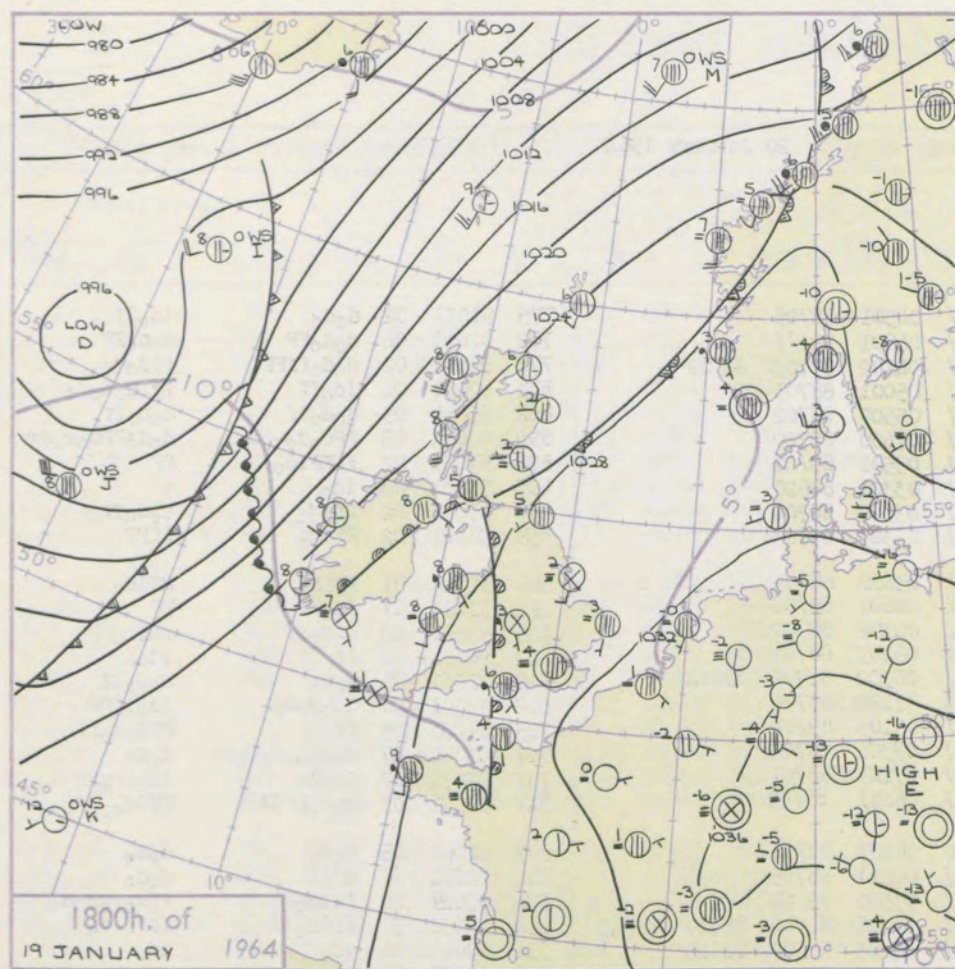
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday

Monday 20 January

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The large anticyclone remains almost stationary with ridges across Scandinavia and westwards to mid-Atlantic. Weak frontal troughs over Britain are moving east in the north but are slow-moving over southern districts. A very deep depression some 600 miles west of the Azores is expected to move north and a ridge of high pressure will move steadily towards Scotland.

Over most central and southeastern parts of England it will remain dull and cold with drizzle and extensive mist and fog. Northern Ireland, Scotland and northwest England will have mainly dry weather with well broken cloud and near average temperatures. Over Wales and northeast England it will continue cloudy with rain at times.

OUTLOOK

for following 24 hours

Rather cold in southeast but near average temperatures elsewhere. Amounts of rain will probably be small. Some fog and mist in many southern and central areas.

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

Code FM 11.A		OBSERVATIONS at 00h.									20 January 1964									OBSERVATIONS at 06h.									20 January 1964									OBSERVATIONS during NIGHT					CONVE TAB °C to
Station	iii	Nddff	VVwwwW	PPPTT	NChChCh	Td app	8NChCh	8NChCh	8NChCh	iii	Nddff	VVwwwW	PPPTT	NChChCh	Td app	8NChCh	8NChCh	8NChCh	iii	Nddff	VVwwwW	PPPTT	NChChCh	Td app	8NChCh	8NChCh	8NChCh	iii	RRrTnE	TgTg	WEATHER												
																															21h.—03h.	03h.—09h.											
Kew	775			05							775	81302	16105	30805	86311	04501	88706				775	91051	02	dodo					775	91051	02	dodo	idoff	40									
London Airport	772	91602	F9515	30704	91111	04803	89111				772	91402	02435	30604	91111	04601	89111				772	02041	04	dodoFF					772	02041	04	dodoFF	dodoFF	39									
Gatwick	776	90000	01515	30803	91111	03602	89102				776	80000	07465	30704	86211	04102	87703	88707				776	93021	02	dodoFFFF				776	93021	02	dodoFFFF	ffidodo	38									
Thorney Island	871	80000	05465	31105	87111	05301	88701				871	81804	11515	30605	87211	05001	88703				871	97051	04	idoff				871	97051	04	idoff	ffidodo	37										
Hurn	862	81504	09515	30606	87211	06500	88703				862	81203	08505	30205	86111	05500	88702				862	95051	05	dodoFF				862	95051	05	dodoFF	dodoFF	36										
Guernsey	894	81510	01465	30107	86011	07101	88700				894	81910	01515	30207	86011	07400	88700				894	03061	05	FFdodo				894	03061	05	FFdodo	dodoFFdodr	35										
Wattisham	590	81406	04465	31602	86311	02500	86706	88709			590	91807	02435	31203	91111	03501	89102				590	97021	02	ffffid				590	97021	02	ffffid	FF	34										
Gorleston	497	81809	32505	31904	85411	30701	88618				497	81610	37105	31904	85511	03301	88620				497	97031	03	id				497	97031	03	id	+	33										
Mildenhall	578	81305	19054	30803	86211	02803	86705	88710			578	81605	04445	30604	86211	03500	88704				578	97031	02	ffid				578	97031	02	ffid	dodoFF	32										
Cardington	559	91406	F4455	30903	91111	03301	89100				559	91506	03474	30703	91111	03301	89103				559	91021	02	FFid				559	91021	02	FFid	ffff	31										
West Raynham	485	81709	06424	30702	86211	02400	84703	88709			485	81812	04426	30203	86111	03602	88702				485	91021	01	FFff				485	91021	01	FFff	FFid	30										
Wittering	462	91806	F6454	30502	91111	02501	89100				462	91707	01455	30102	91111	02601	89100				462	91011	01	idFF				462	91011	01	idFF	FF	29										
Boscombe Down	746	81301	03505	30904	86011	04306	88700				746	81701	02465	30804	86011	04302	88700				746	93041	03	dodoFF				746	93041	03	dodoFF	ffirFF	28										
Ross-on-Wye											627	82102	14105	29205	86211	05203	88705				627	91051	04	ff				627	91051	04	ff	id	27										
Bristol	628	81407	17105	29305	86111	05804	82702	86703	88709		628	81406	21502	29106	85311	06302	86708	88614				628	01051	04	dodo				628	01051	04	dodo	dodoif	26									
Aberporth	502	71717	56505	26508	75311	07603	83708	87656			502	51803	37105	28907	56300	07129	85706				502	97051	50	idodo				502	97051	50	idodo	idoff	25										
Rhose (Cardiff)	715	91407	F9474	28905	91111	05706	89100				715	91408	01514	29505	91111	05105	89100				715	01051	05	FF				715	01051	05	FF	FFdodoFF	24										
Plymouth	827	81108	19516	28609	87211	09802	88703				827	80000	17516	28909	87111	09304	88702				827	02081	07	doroRoro				827	02081	07	doroRoro	dodo	23										
Chivenor	707	81111	58022	28608	85311	07400	82707	85614	88625		707	80000	48505	29408	87311	07207	88707				707	93071	07	idoro				707	93071	07	idoro	idoff	22										
St. Mawgan	817	91510	03535	27909	91111	09205	89100				817	93110	01435	29608	91111	08211	89100				817	01071	05	dodoFFdd				817	01071	05	dodoFFdd	FFid	21										
Culdrose	809	91003	03515	27410	91111	10400	89100				809	23308	37105	28808	27300	08207	82706				809	01061	05	dodo				809	01061	05	dodo	dodo	20										
Scilly	804	92407	01454	28010	91111	10209	89100				804	83206	61405	29508	86211	08211	88705				804	93071	//	ddff				804	93071	//	ddff	dodo	19										
Elmdon	534	91605	01455	29703	91111	03602	89100				534	91604	03454	29503	91111	03500	89100				534	01021	02	ffidFF				534	01021	02	ffidFF	ffidoro	18										
Shawbury	414	71503	19504	28405	75211	04604	87703	87620			414	81502	19205	28805	86211	04306	84704	86710	88713			414	97031	51	ffidif			414	97031	51	ffidif	ffffid	17										
Manchester	334	81407	17202	28106	85211	03802	86704	88625			334	81809	28202	27705	85311	04203	85709	88645				334	97041	04	id				334	97041	04	id	id	16									
Squires Gate	318	81313	09604	29604	85511	04807	88625				318	81606	12516	27205	87211	05307	82704	86705	88706			318	96011	51	fforoRorr				318	96011	51	fforoRorr	roRoroifff	15									
Valley	302	81515	28515	26408	86211	08604	88705				302	82116	48105	27406	86111	06209	88702				302	02061	05	dodo				302	02061	05	dodo	id	14										
Ronaldsway	204	82015	28594	25808	87011	08709	88701				204	12508	56016	26106	15600	06207	81630				204	03051	03	dodoFFdr																			

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37315

Date of Issue Tuesday 21 January 1964

STATION
NAME
ELEVATION
in feet

Code FM 11.A

OBSERVATIONS at 12h.
20 January 1964

OBSERVATIONS at 18h.
20 January 1964

OBSERVATIONS during DAY

Station

iii

Nddff

VVwwW

PPPTT

NChC_MCH

T_dT_dapp

8N_sCh_sh_s

8N_sCh_sh_s

8N_sCh_sh_s

iii

Nddff

VVwwW

PPPTT

NChC_MCH

T_dT_dapp

8N_sCh_sh_s

8N_sCh_sh_s

8N_sCh_sh_s

iii

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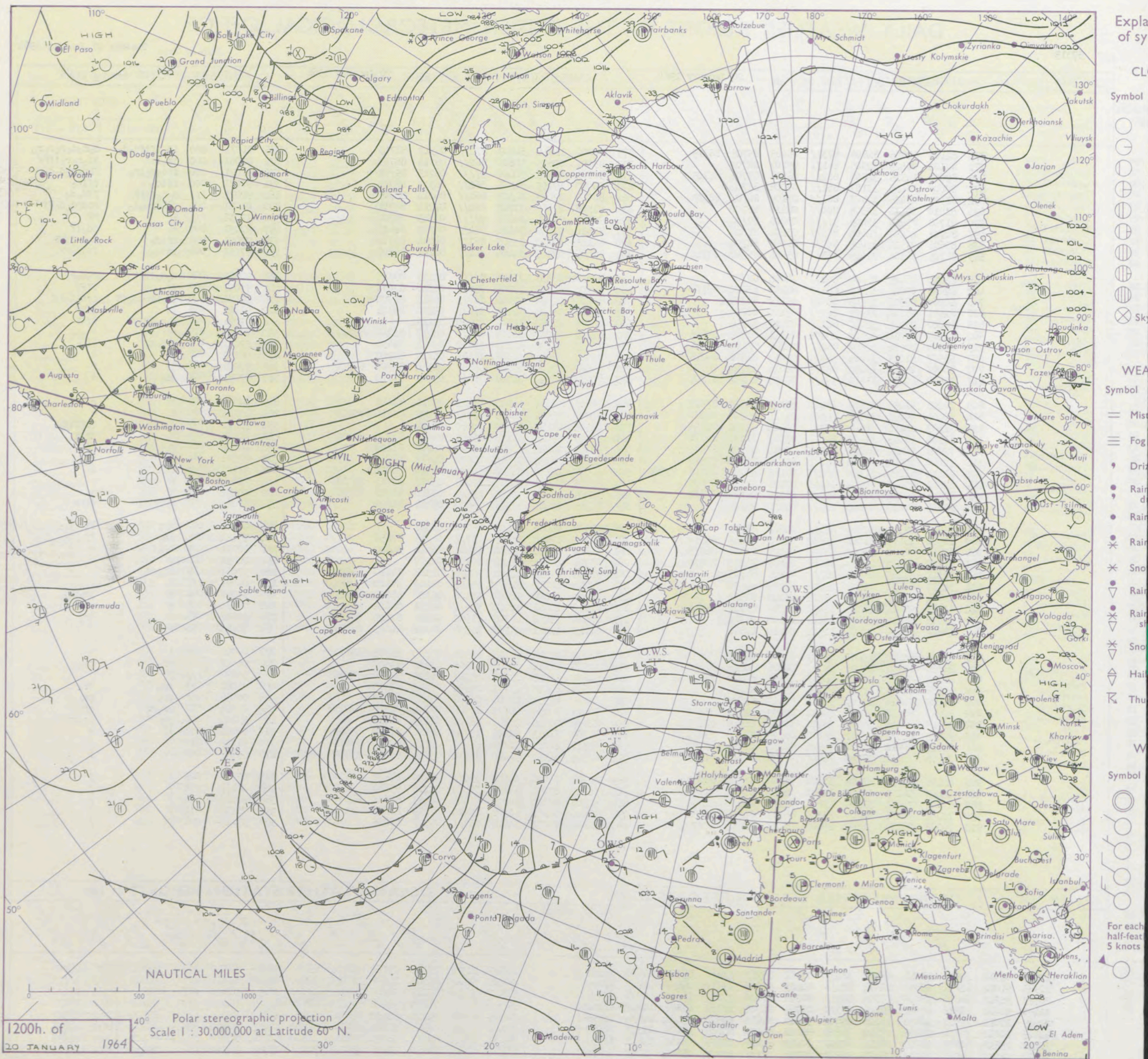
WEATHER

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

ation
mbols

DUD
Cloud
Amount
(oktas)

0
1 or less

2

3

4

5

6

7 or more

8

obscured

ATHER
Weather

zle

and
fizzle

and snow

w

shower

and snow

ower

w shower

shower

nderstorm

IND

Wind
speed
(knots)

Calm

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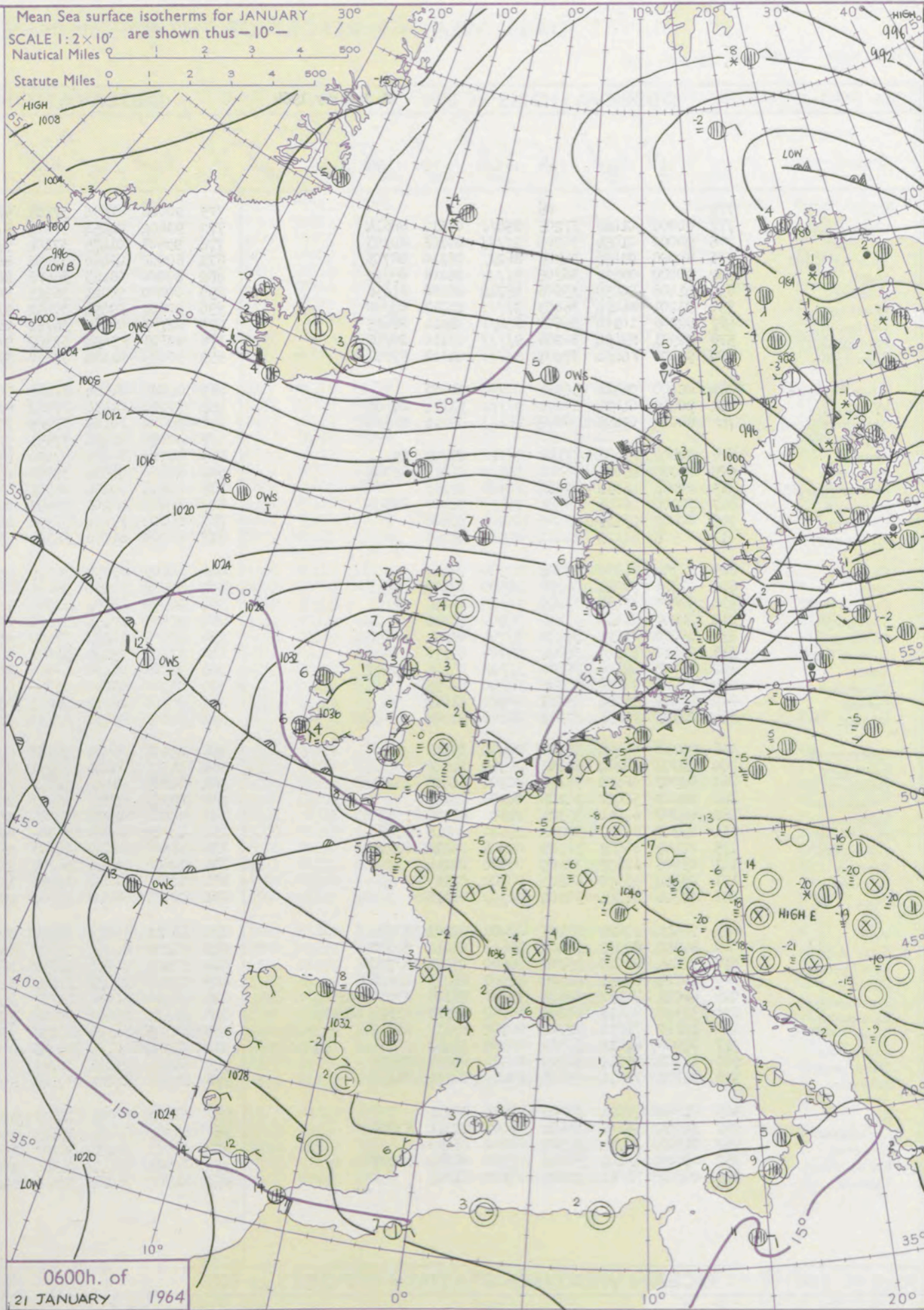
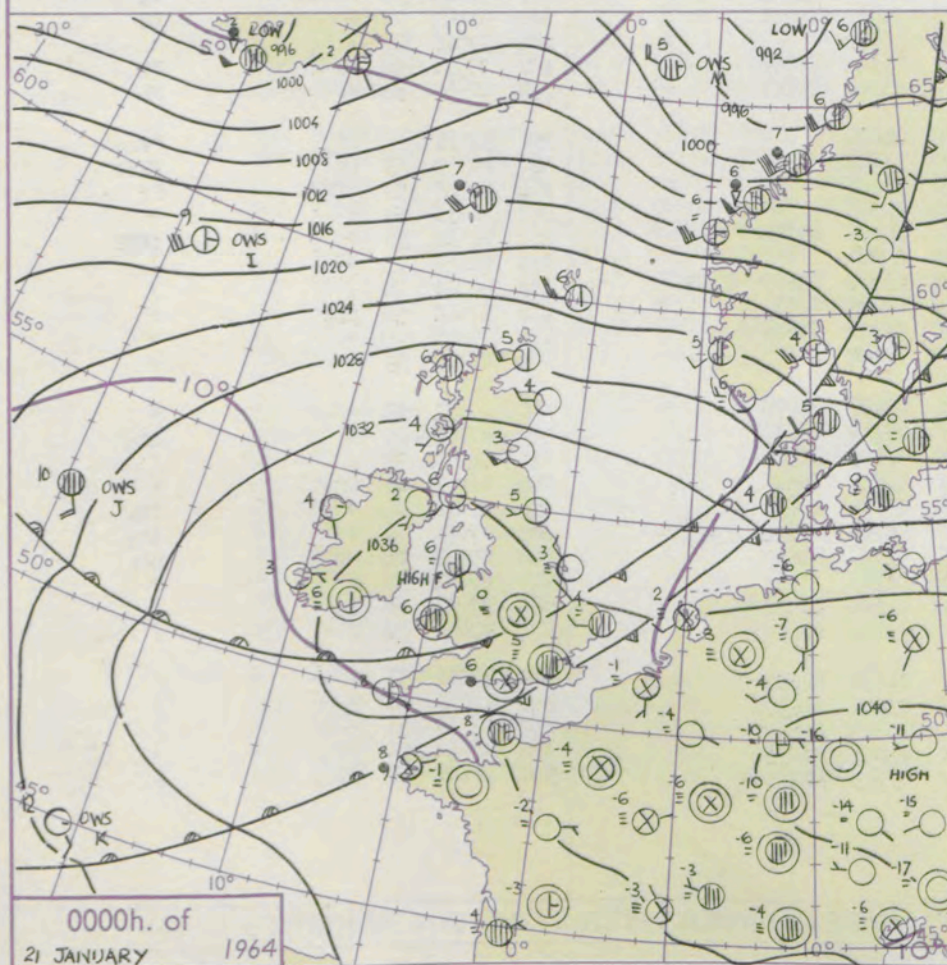
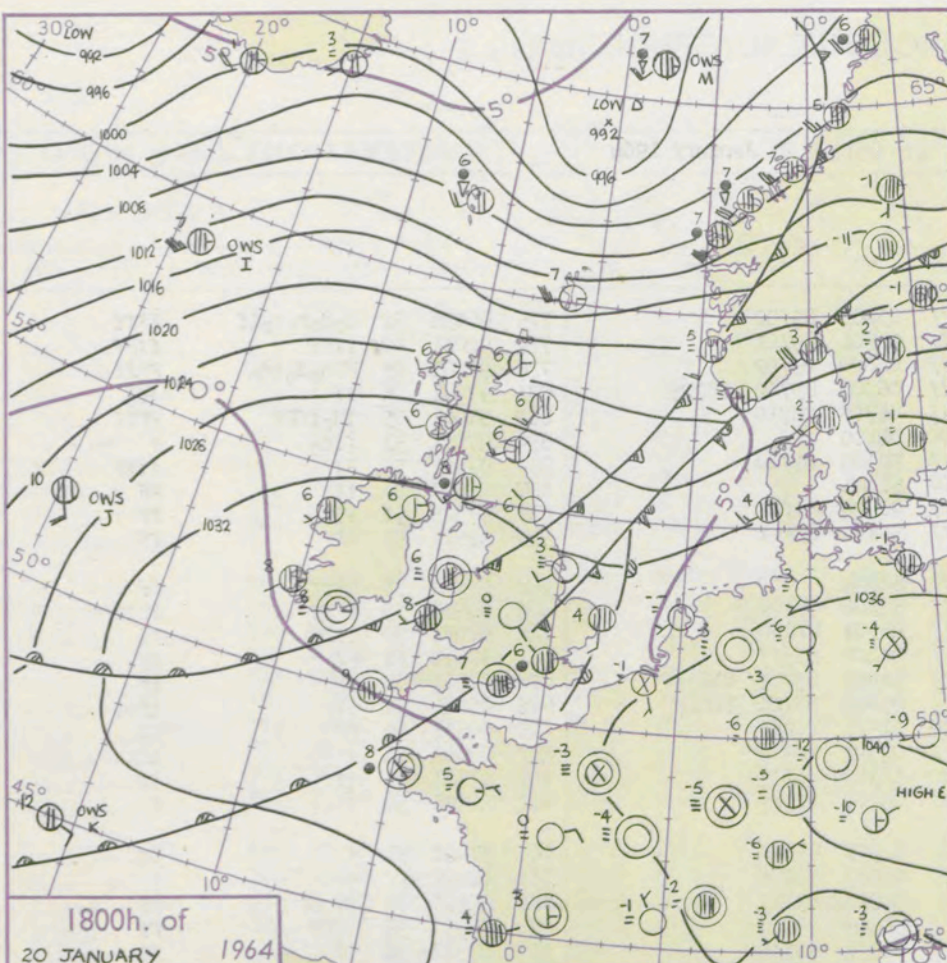
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Issued at midday Tuesday 21 January 1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow
Scotland Northern England and Northern Ireland will be cloudy, and slight rain or drizzle is likely in the west later. Wales and southwest England will be cloudy with a little drizzle. Fog over central, east and southeast England will thin slowly this afternoon, re-forming widely tonight with frost in places. Temperatures near normal but rather cold in east and southeast England.

OUTLOOK for the following 48 hours. Cloudy in the north with near normal temperatures and a little rain at times. A good deal of fog in central and southeastern districts with some frost in places.

GENERAL SYNOPTIC DEVELOPMENT
The ridge extending westwards across Britain from the slow moving European high has moved steadily eastnortheast, with a separate small high cell developing over England. A weak frontal trough has moved southwards over most districts and is now slow moving over southern England. The high centre over England will continue to move eastwards to the continent while a small depression breaking away from the slow moving deep centre over the Atlantic is expected to move eastnortheast between Scotland and Iceland with its associated warm front affecting western districts of Britain.

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

OBSERVATIONS at 00h. 21 January 1964										OBSERVATIONS at 06h. 21 January 1964										OBSERVATIONS during NIGHT										CONVE TAR °C to
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 _n hE	T _g T _g	WEATHER								
																						21h.—03h.	03h.—09h.							
Kew	775			06						775	90000	01456	37103	91111	03202	89/00				775	96031	52	d ₀ d ₀ r ₀ r ₀ ff	FFFF	40					
London Airport	772	80000	01426	37205	854//	05112	88614			772	93402	F4454	37102	91111	02801	89/01				772	92011	00	ffff	ffff	39					
Gatwick	776	90000	01456	36705	91111	05108	89/03			776	93601	01475	37101	91111	04000	89/02				776	91011	03	FFd ₀ d ₀ id ₀	FFFF	38					
Thorney Island	871	80000	03456	36906	862//	06210	88705			871	80000	03464	37206	861//	06000	83702	88705		871	97061	06	ff	id ₀	37						
Hurn	862	90000	03505	36806	91111	06108	89/02			862	80000	08465	36606	864//	06706	88710			862	91061	05	id ₀ ffff	FFFF	36						
Guernsey	894	41408	50055	35606	45742	06206	81656			894	00000	50021	36405	00900	04400				894	97041	51	fid ₀	+	35						
Wattisham	590	93201	F6474	36603	91111	03211	89/00			590	92602	F9494	37452	91111	52305	89/00			590	97523	54	FF	ffff	34						
Gorleston	497	82708	10104	36604	854//	04214	88615			497	02707	02464	36751	00900	51201				497	00523	52	ff	FF	33						
Mildenhall	578	92901	F9454	36703	91111	03110	39/01			578	92303	F9454	37300	91111	00204	89/01			578	97515	51	FF	FF	32						
Cardington	559	90000	F6454	37201	91111	01111	89/01			559	90000	01434	37850	91111	50102	89/01			559	92511	51	FF	FF	31						
West Raynham	485	00000	06424	36351	00900	51107				485	02603	01484	37252	00900	52304				485	00523	55	FFFF	FF	30						
Wittering	462	90000	01474	37051	91111	51111	89/00			462	90000	01434	37452	91111	52306	89/00			462	00533	55	FFFF	FFFF	29						
Boscombe Down	746	80000	05425	36806	864//	05210	88714			746	70000	14104	37203	756//	03301	87634			746	97031	50	ffff	ff	28						
Ross-on-Wye										627	90000	01454	37951	91111	01400	89/11			627	92511	51	FF	FF	27						
Bristol	628	90000	F3454	37101	91111	01209	89/11			628	80000	04474	37450	850//	50303	85701	88636		628	97511	53	FF	ff	26						
Aberporth	502	80000	L8032	36706	863//	06211	88706			502	80000	L8034	36905	850//	05301	81701	88643		502	00041	51	1f	ffff	25						
Rhoose (Cardiff)	715	00404	L8114	37002	00900	02103				715	L0406	04424	36901	L5600	51501	84649			715	00531	54	FF	1f	24						
Plymouth	827	70000	26041	36605	756//	01307	87634			827	80602	L8201	36607	863//	07501	88708			827	97041	51	+	id ₀	23						
Chivenor	707	00000	23111	37002	00900	02207				707	L4000	19404	37350	L5600	51302	84635			707	97511	53	1f	1f	22						
St. Mawgan	817	00908	61021	36404	00900	03203				817	60705	61030	36304	655//	03701	86627			817	00021	50	+	f	21						
Culdrose	809	00708	66050	36504	00900	03308				809	L40809	62051	36005	L6200	01501	84704			809	97021	51	+	ff	20						
Scilly	804	21005	79011	36208	25500	07107	82623			804	L40808	81030	36008	L6300	06603	84708			804	00071	//	+	+	19						
Elmdon	534	90000	07434	37000	91111	00109	89/01			534	90000	F4454	37550	91111	50202	89/11			534	97511	55	ff	FF	18						
Shawbury	414	00000	01464	37151	00900	51211				414	90000	F7494	37854	91111	54205	89/00			414	97553	55	1fff	FF	17						
Manchester	334	L40000	04414	36402	35701	01214	83650			334	60000	14284	37302	664//	01208	86712			334	97511	56	ff	ff	16						
Squires Gate	318	02410	23101	36002	00900	02116				318	81205	05424	36501	862//	01102	88704			318	97511	54	+	ff	15						
Valley	302	L1707	L8104	36806	35702	05114	83650			302	92005	04434	37005	91111	05500	89/01			302	91041	01	+	ff	14						
Ronaldsway	204	03003	74020	35805	00900	04215				204	03302	66020	36250	00900	50302				204	97501	53	+	+	13						
Carlisle	222	00000	04464	35701	00900	01217				222	80000	19114	36201	863//	01303	88708			222	00521	53	FF	FF	12						
Watnall	354	02801	F4484	37151	00900	52208				354	92601	F9494	37653	91111	53302	89/01			354	00533	54	FF	FF	11						
Spurn Head	396	03210	04444	35603	00900	03109				396	02908	04424	35902	00900	01004				396	97011	//	ff	FF	10						
Finningley	360	02708	14284	36403	00900	02108				360	01305	04424	36951	00900	51102				360	00533	55	FF	FFFF	9						
Dishforth	261	02902	56100	36100	00900	50216				261	01803	07420	36552	00900	53101				261	00543	55	1fff	FF	8						
Tynemouth	262	02507	58020	34105	00900	03207				262	02706	61020	35503	00900	02305				262	00031	51	+	+	7						
Eskdalemuir	162	00000	62011	35301	00900	01118				162	90000	01474	36100	91111	00302	89/00			162	97513	53	+	1FFFF	6						
Mull of Galloway	131	23210	66020	35006	25600	04218	82630			131	02909	66020	36305	00900	04204				131	00051	//	/	/	5						
Prestwick	135	12109	66028	34106	00908	05216	81270			135	51907	62030	34803	25501	03302	82620	84075		135	00021	00	/	/	4						
Renfrew	141	03006	62258	33605	00900	04214				141	22606	66028	34705	25400	04205	82611			141	97041	52	pro	+	3						
Leuchars	171	02314	58050	31803	00900	02217				171	12410	62010	32803	15500	01204	81625			171	00021	00	+	+	2						
Dyce	091	02710	66021	30304	00900	01118				091	00000	66020	31704	00900	00102				091	00001	55	+	+	1						
Wick	075	22515	80020	28105	00902	02221	82075			075	12413	80020	28504	00901	02707	81075			075	00031	01	+	+	0						
Cape Wrath	049	82320	82032	25107	856//	03212	88630			049	82324	82022	25807	855//	05709	88620			049	97061	05	/	ir ₀	-1						
Sule Skerry	010	32624	81010	25708	36500	05223	83720			010	32624	74010	26108	36500	07703	83720			010	01071	05	/	/	-2						
Lerwick	005	22724	69251	22306	22500	02235	82820			005	82528	74031	22107	855//	04710	88625			005	92041	03	pro	+	-3						
Stornoway	026	62211	74031	28806	35601	05118	83630	85075		026	32416	80036	29207	35600	05604	83636			026	91051	04	+	ir ₀	-4						
Benbecula	022	32322	80018	30208	38500	07213	81822	83645		022	72121	69602	34808	755//	08703	83621	87647		022	97071	04	+	ir ₀	-5						
Tiree	100	12107	74010	32704	00902	03217	81072			100	22309	74021	33107	25600	05500	82635			100	97031	00	+	pro	-6						
Aldergrove	917	02006	62011	36102	00900	01214				917	01904	L0100	36201	00900	01703				917	00001	51	+	+	-7						
Malin Head	980	12305	69011	34105	00902	04213	81070			980	11904	75030	34703	00902	01500	81070			980	97031	00	/	/	-8						
Belmullet	976	11702	78011	34604	15600	04208	81630			976	81507	62021	31606	856//	05603	88630			976	97031	52	/	/	-9						
Birr	965	01702	70011	36604	00900	02211				965	81603	70021	36603	856//	01604	88639			965	97011	53	/	/	-10						
Collinstown	969	32404	56101	36604	35600	02211	83635			969	82303	62032	36805	856//	03301	88630			969	97041	51	/	/	-11						
Rineanna	962	01105	16284	36502	00900	02110				962	11405	56104	36203	15600	02802	81640			962	97511	53	/	/	-12						
Roches Point	952	20000	L0101	36806	25500	06212	82627			952	10503	56101	36504	15600	04801	81634			952	97041	01	/	/	-13						
Valentia	953	00607	78011	35603	00900	01005				953	81107	78021	35206	856//	03703	88633			953	97021	51	/	/	-14						
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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37317

Date of Issue Wednesday 22 January 1964

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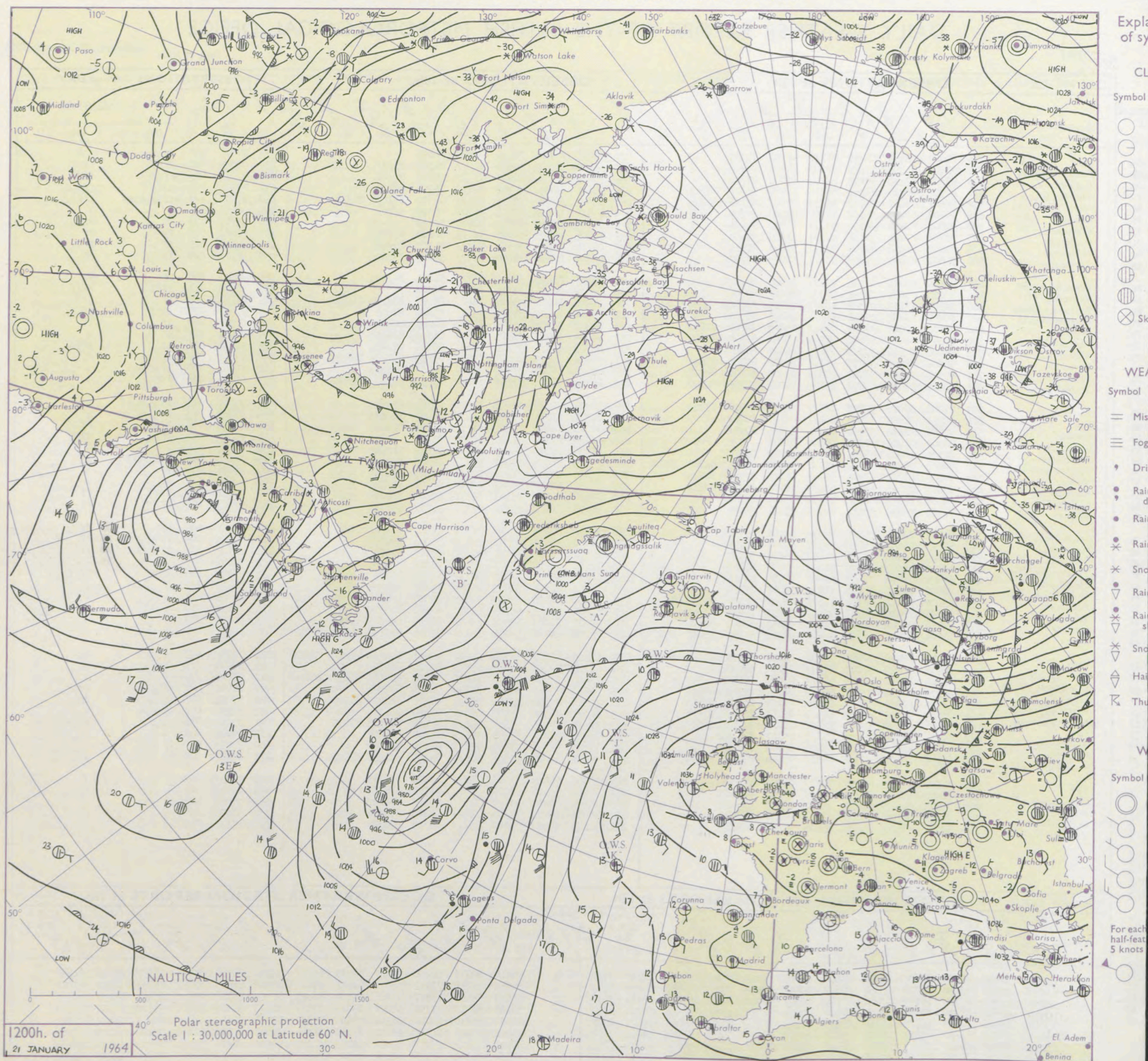
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Code FM II.A		OBSERVATIONS at 12h.										21 January 1964										OBSERVATIONS at 18h.										21 January 1964										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	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	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 + E	SSS	WEATHER														
																																	09h.—15h.	15h.—21h.												
Kew	775	80000	02444	39204	86211	03004	88703				775	00000	F7464	39304	00900	04305					775	97061	000	ff						ff	ffff															
London Airport	772	93402	01454	39703	91111	03008	89101				772	90000	03434	39504	91111	04304	89111				772	97051	000	FFff						ffff	ffff															
Gatwick	776	93601	F7454	39405	91111	05009	89102				776	90000	01474	39505	91111	05307	89102				776	97061	000	FFff						ffff	ffff															
Thorney Island	871	80902	08425	39107	86211	07006	85703	88708			871	80601	08424	39306	86011	06207	88701				871	97071	000	idff						ffid _o	ffid _o															
Hurn	862	80601	09462	39007	86211	07003	85703	88704			862	80503	09465	38807	86311	06302	85707	88710			862	97071	111	ffid _o						ffid _o	ffid _o															
Guernsey	894	10808	56050	38007	16300	05006	81706				894	20911	48050	37906	26300	04309	82707				894	00081	075	+						+	+															
Wattisham	590	92801	F4454	39550	91111	51002	89101				590	00000	F3484	39652	00900	52108				590	97013	111	FF						FF	FF																
Gorleston	497	92706	F7454	39151	91111	51006	89101				497	92605	F4454	38900	91111	00102	89101				497	97011	000	FF						FF	FF															
Mildenhall	578	92603	F9454	39650	91111	50003	89102				578	92102	F4474	39501	91111	01303	89100				578	97011	000	FF						FF	FF															
Cardington	559	90602	F3474	39750	91111	50003	89100				559	90000	F3474	39950	91111	50305	89100				559	97011	000	FF						FF	FF															
West Raynham	485	92404	F9494	39151	91111	51105	89101				485	92305	F3494	39251	91111	51203	89100				485	92003	000	FF						FF	FF															
Wittering	462	90000	F4474	39651	91111	51003	89100				462	02602	04424	39351	00900	51303				462	00023	012	FFff						FFff	FFff																
Boscombe Down	746	80905	13102	39305	86211	04003	88704				746	70000	14284	39405	75411	05207	85615	87630			746	00051	000	if						ff	ff															
Ross-on-Wye	627	80000	13284	39401	86211	01801	88704				627	82301	13102	39303	85511	03305	88625				627	97041	000	ifff						if	if															
Bristol	628	70000	12284	39005	75411	05004	82618	87632			628	80202	08424	39205	85511	04207	88628				628	00061	000	if						ff	ff															
Aberporth	502	71503	66012	38408	78511	06002	81820	87640			502	60000	66012	38305	65611	04303	86643				502	00091	011	+						+	+															
Rhoose (Cardiff)	715	80806	20104	39304	85611	04008	88640				715	90705	05475	39305	91111	05205	89101				715	97051	000	if						ffid _o	+															
Plymouth	827	70806	19285	38008	75311	08002	83708	87622			827	70807	23102	38007	75311	07110	85706	86625			827	97081	000	d _o f						+	+															
Chivenor	707	80902	21401	38604	86211	03003	86704	88707			707	60000	58025	38507	65611	06304	86630				707	97081	000	ffid _o						+	+															
St. Mawgan	817	41204	48014	37908	45300	07004	81706	84640			817	61211	32101	37506	66300	05004	81707	85710			817	00091	038	ff						+	+															
Culdrose	809	71006	28015	37608	78311	08108	83708	83813			809	10905	32051	37406	15200	05304	81704				809	97091	005	id _o d _o ff						+	+															
Scilly	804	80711	08466	37508	86111	08107	88702				804	41211	61024	36908	38470	06207	82812				804	92101	003	ffr _o						+	+															
Elmdon	534	90000	F2454	39950	91111	50005	89100				534	90000	F1494	39751	91111	51304	89111				534	91011	000	FF						FF	FF															
Shawbury	414	00000	01484	39751	00900	51001					414	00000	F7484	39453	00900	53303				414	97043	027	FFif						ifff	ifff																
Manchester	334	52102	20041	38705	56401	02002	85710				334	10000	22041	38803	00901	01302	81075				334	00081	044	+						+	+															
Squires Gate	318	72605	28285	39005	76211	05108	82703	84705	87707		318	90503	F1454	38501	91111	01305	89101				318	91061	007	d _o d _o ff						FF	FF															
Valley	302	70000	48284	38906	76111	06105	81702	87635			302	70000	69022	38407	75611	05500	87640				302	97071	000	ff						+	+															
Ronaldsway	204	70000	25041	38507	78411	06108	81816	87632			204	13304	58112	38202	15400	01302	81710				204	00081	004	+						+	+															
Carlisle	222	90000	02474	38104	91111	04107	89111				222	60000	04464	38303	66311	02303	86709				222	00051	000	ffff						ff	ff															
Watnall	354	92603	F3494	39451	91111	51001	89100				354	90000	F1474	39351	91111	51302	89111				354	97013	000	FF						FF	FF															
Spurn Head	396	92712	F2454	38102	91111	02204	89111				396	93206	F0454	38300	91111	00203	89111				396	97021	000	FF						FF	FF															
Finningley	360	91205	F4454	38652	91111	52001	89100				360	90000	F6434	39053	91111	53206	89100				360	00513	000	FF						FF	FF															
Dishforth	261	11202	02444	38151	00902	51801	81070				261	12402	40104	38001	00901	50302	81075				261	00031	033	FFffif						ff	ff															
Tynemouth	262	42712	48051	37005	31405	03102	83818				262	72908	48051	37505	75511	03311	87625				262	00071	035	+						+	+															
Eskdalemuir	162	52208	07424	37203	46301	03005	84706																																							

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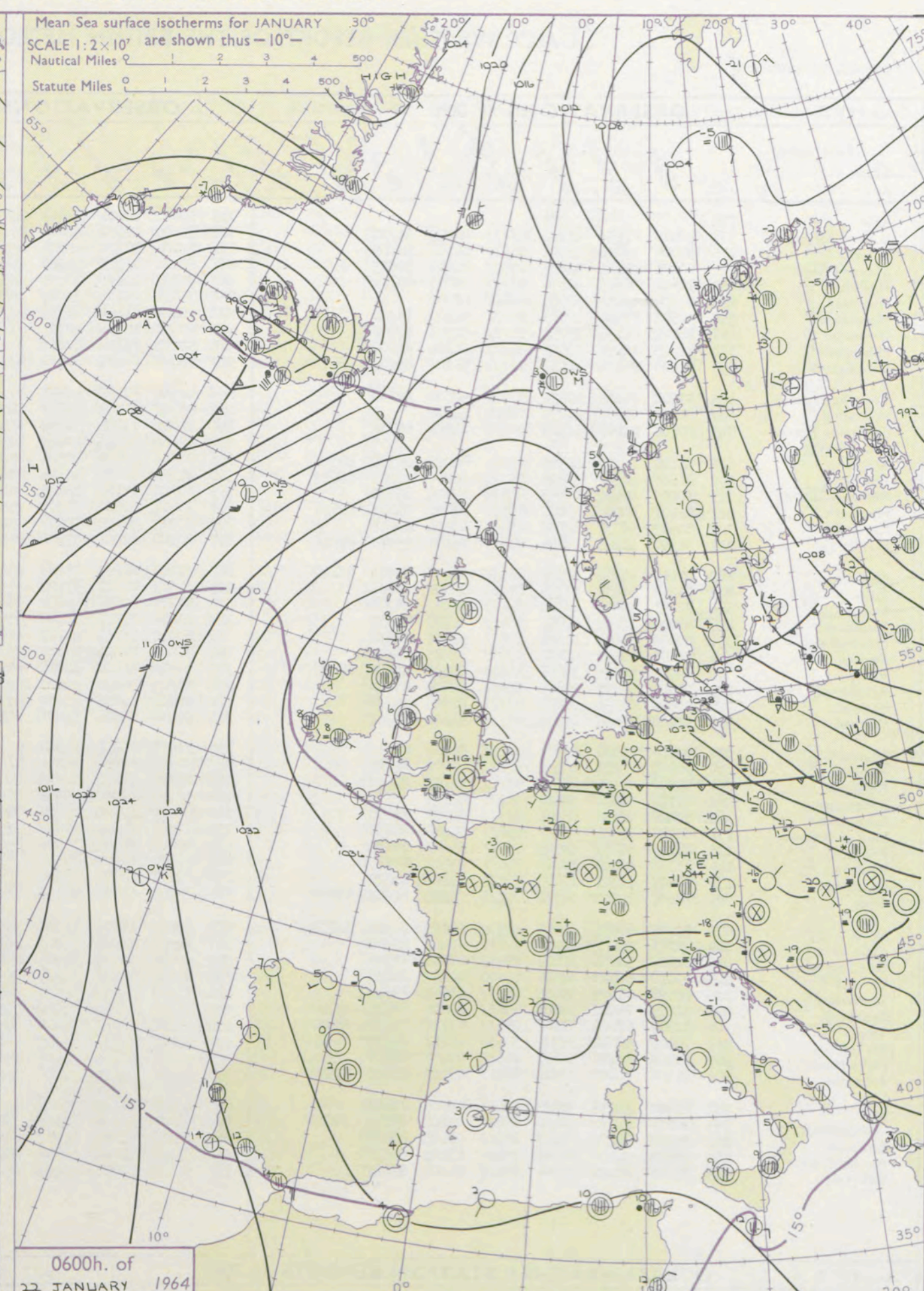
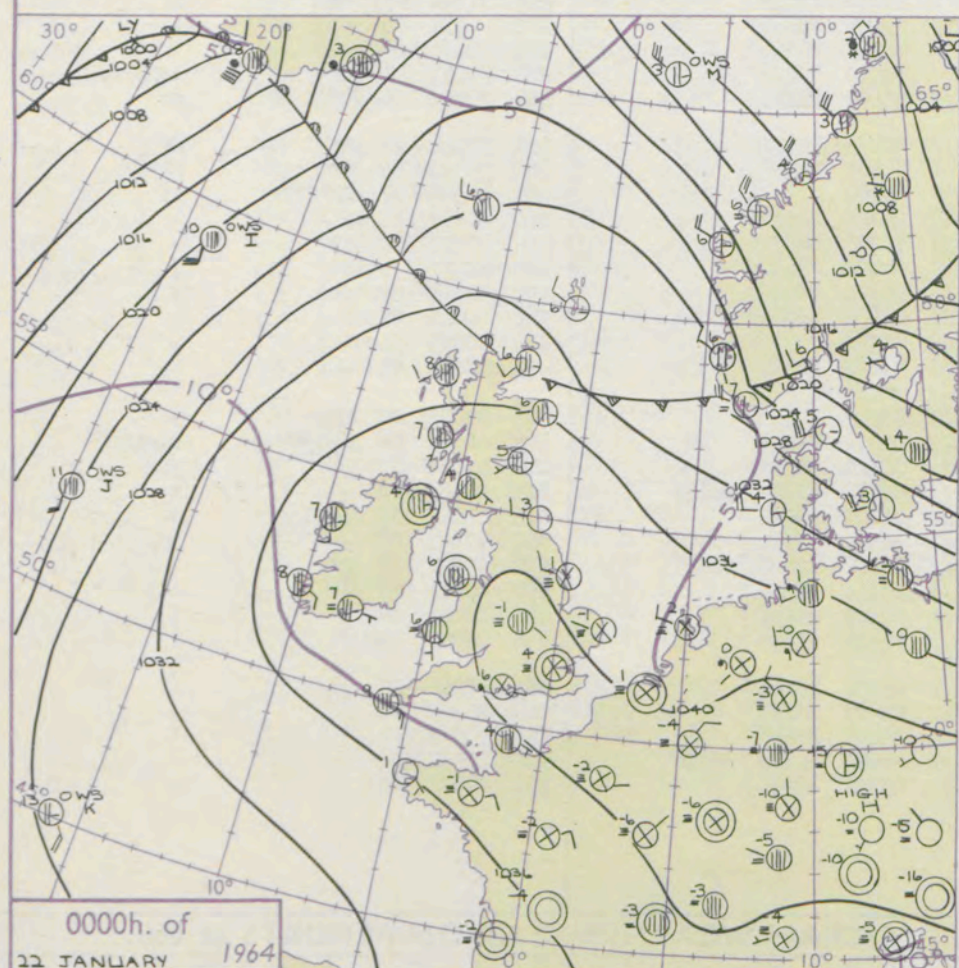
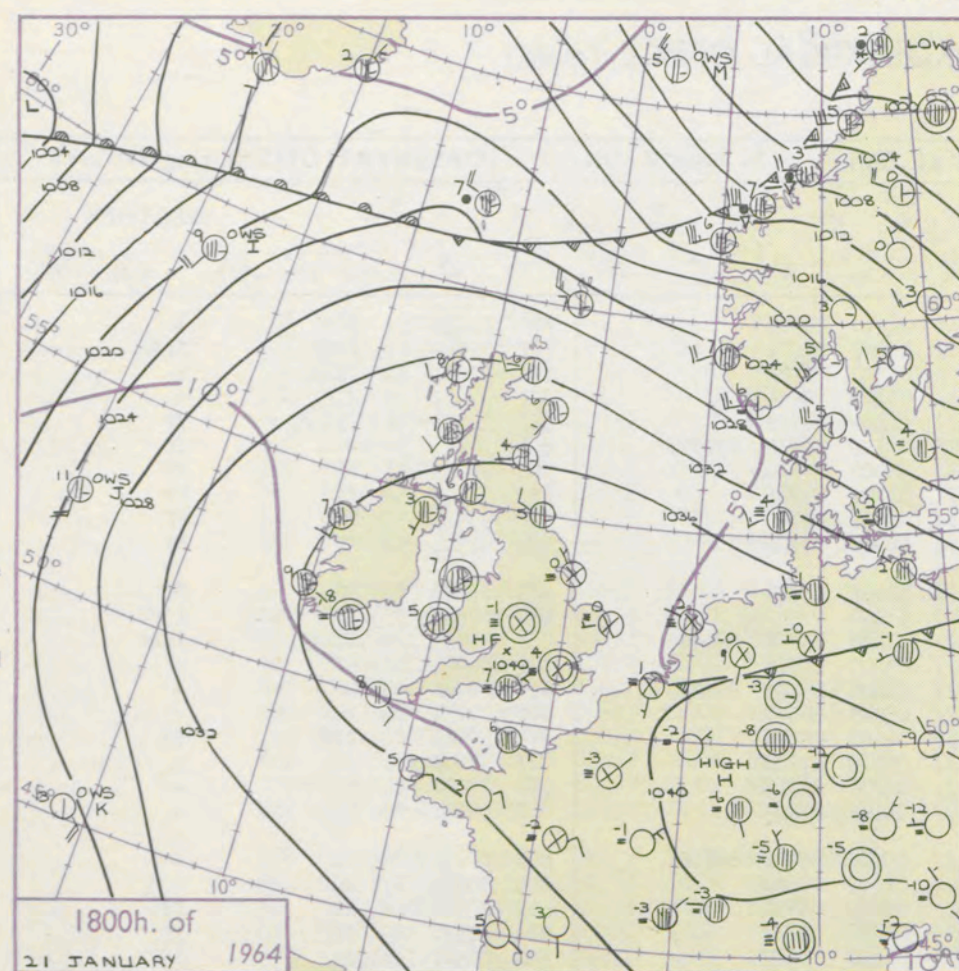
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 22 January 1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The high cell which was over England yesterday has been slow moving, while the centre of the European anticyclone has drifted very slowly westwards. A depression which developed south west of Iceland has moved northeast to Iceland and deepened substantially. A strong high pressure system will persist over the British Isles and near continental areas, while the Icelandic depression will move east northeast.

Fog over east England, the east Midlands and east Anglia will thin only slowly, and will persist in places, reforming rather widely again this evening, with slight frost. Most other districts will be cloudy, but east Scotland and northeast England will have sunny intervals today and some frost and fog tonight. Rather cold in foggy areas, but normal temperatures elsewhere.

OUTLOOK for the following 48 hours.

Generally dry but rather cloudy with temperatures a little lower than of late. Fog patches are still likely in places especially in eastern and central districts of England.

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

Code FM II.A										OBSERVATIONS at 00h.										22 January 1964										OBSERVATIONS at 06h.										22 January 1964										OBSERVATIONS during NIGHT										CONVE TAB °C to
Station		ill	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	ill	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	ill	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	ill	RRT _n E	T _g T _g	WEATHER																												
																																	21h.—03h.	03h.—09h.																										
Kew		775				05					775	80000	16104	41005	86211	04300	88705				775	97041	02	ff										+	40																									
London Airport		772	90000	F7434	41004	91111	04005	89102			772	90000	02474	41004	91111	04001	89101				772	00041	03	ffff									ffff	39																										
Gatwick		776	80000	13204	41204	86211	04108	88705			776	81006	20102	41103	86211	03304	88703				776	92031	51	Fd _o d _o								+	38																											
Thorney Island		871	80601	28105	41006	85511	05207	88623			871	80000	10101	41303	85611	03203	88634				871	97031	53	d _o d _o							+	37																												
Hurn		862	90901	06515	40306	91111	06003	89111			862	80905	20105	40605	86311	04302	88708				862	91031	01	ffd _o d _o							ff	36																												
Guernsey		894	00910	48051	38904	00900	02002				894	71012	29101	39103	76111	02301	85702	85703			894	00021	50	+							ff	35																												
Wattisham		590	92502	F9494	40853	91111	53307	89100			590	90000	01494	40753	91111	53000	89100				590	97543	55	FF							FF	34																												
Gorleston		497	92801	01434	39951	91111	51203	89101			497	90000	F9454	40751	91111	51101	89101				497	97523	52	FF						FF	33																													
Mildenhall		578	92303	F4494	40851	91111	51104	89100			578	92103	F6494	40852	91111	52601	89100				578	97523	52	FF					FF	32																														
Cardington		559	92303	F6434	41251	91111	51205	89100			559	90000	02434	40900	91111	00702	89102				559	91521	52	FF					FF	31																														
West Raynham		485	92504	F9494	40452	91111	52104	89100			485	92505	F7494	40651	91111	51001	89100				485	97533	53	FF					FF	30																														
Wittering		462	02802	04484	40853	00900	54206				462	00302	12104	41052	00900	53400				462	00553	59	ffff					ffff	29																															
Boscombe Down		746	80804	03465	40905	86011	04207	88701			746	81001	11284	40704	85311	03104	83708	88630			746	97031	03	id _o ff				ffff	28																															
Ross-on-Wye											627	80000	04444	40903	86311	03400	88706				627	00031	02	ff				ff	27																															
Bristol		628	81102	10104	40505	85211	04206	85704	88628		628	80703	19102	40504	85211	04400	85705	88628			628	00041	03	+				+	26																															
Aberporth		502	81606	40101	39606	85211	06006	82705	88650		502	81709	40052	40106	85611	05103	88637				502	00051	04	+				+	25																															
Rhoose (Cardiff)		715	80803	09444	40505	86311	05104	88706			715	80705	09424	40405	86311	04000	88707				715	97041	04	ffff				ff	24																															
Plymouth		827	81107	58031	39007	85311	06000	81706	88616		827	70804	59022	39307	75511	05302	87620				827	97061	01	+				d _o	23																															
Chivenor		707	80903	56031	39607	85411	05104	88616			707	80902	56022	39907	85411	04000	88616				707	00051	04	+				+	22																															
St. Mawgan		817	71110	40101	38806	75411	05105	83710	87614		817	70910	62021	39006	75511	04206	87623				817	00051	05	+				+	21																															
Culdrose		809	81008	64052	38508	88411	06106	81814	88620		809	81107	64052	38207	85411	05103	85711	88620			809	00071	04	+				+	20																															
Scilly		804	81213	66032	37709	85411	05400	88615			804	31315	81012	37508	35500	04302	83620				804	00071	11	+				+	19																															
Elmdon		534	81201	03424	40951	86011	51207	88700			534	81702	02464	40900	85611	00400	88631				534	97524	52	FF				ff	18																															
Shawbury		414	80000	12104	40851	85611	51108	88637			414	80000	13102	40700	85611	00400	88637				414	97531	53	ff				ff	17																															
Manchester		334	80902	04464	40300	85611	51007	88630			334	80000	15044	40702	85611	00400	88637				334	00501	53	ff				+	16																															
Squires Gate		318	91105	F2474	40101	91111	01005	89101			318	71105	02444	40402	75611	02201	87635				318	91001	00	FFFF				ff	15																															
Valley		302	80000	66022	39806	55611	04203	85640	88360		302	80000	66022	40006	85611	03201	88640				302	00051	04	+				+	14																															
Ronaldsway		204	70303	74021	39803	75611	02108	87640			204	83603	74022	39905	85611	04201	88640				204	00001	53	+				+	13																															
Carlisle		222	90000	02454	40003	91111	02003	89111			222	90000	01455	41202	91111	02208	89111				222	97011	01	ff				id _o FFFF	12																															
Watnall		354	90000	F2494	41054	91111	54104	89101			354	80000	06444	41051	85611	51400	88631				354	97543	55	FFFF				ff	11																															

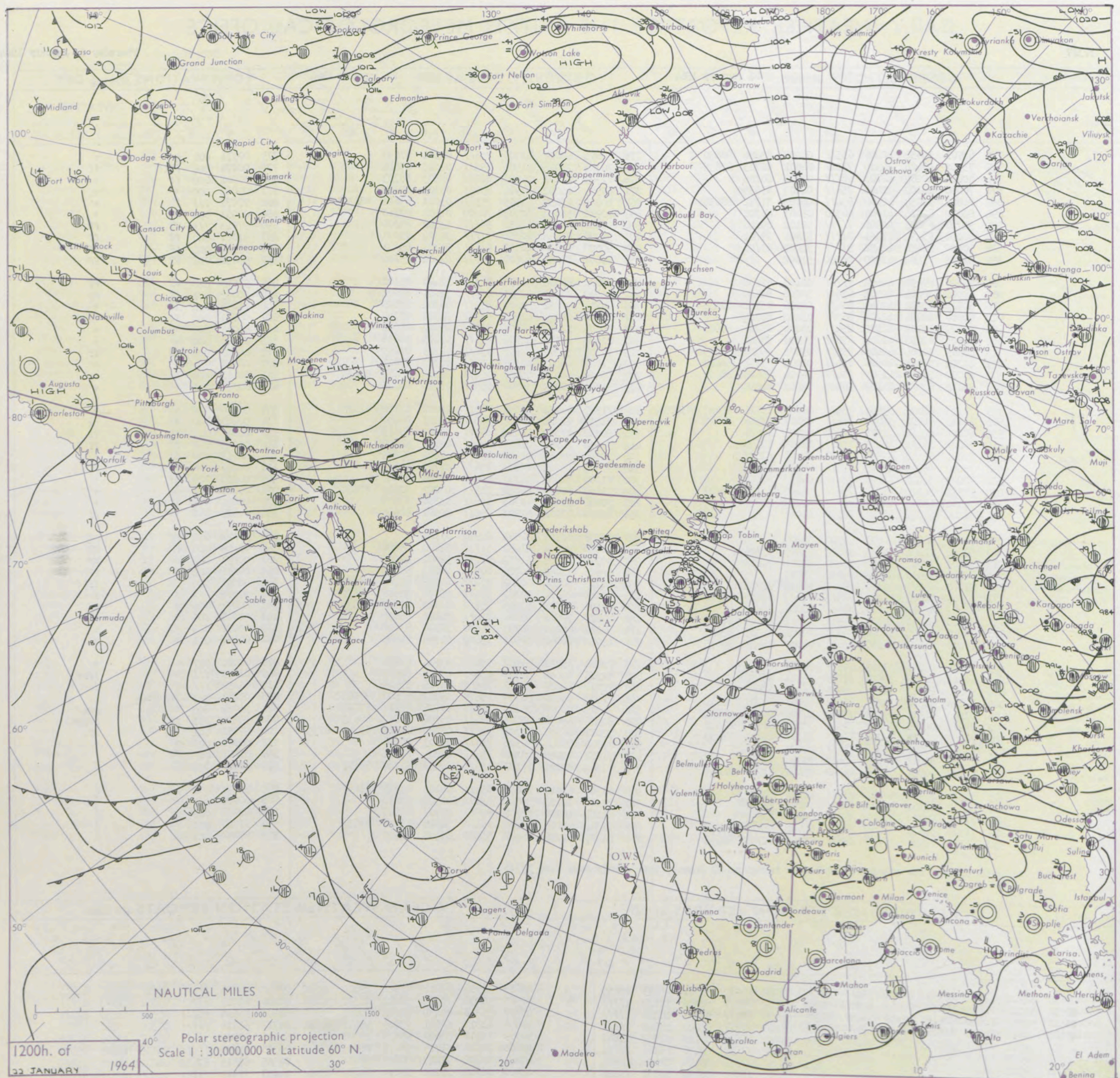
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37317

Date of Issue Thursday 23 January 1964

Code FM II.A		OBSERVATIONS at 12h. 22 January 1964								OBSERVATIONS at 18h. 22 January 1964								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 E	SSS	WEATHER	
																							09h.—15h.	15h.—21h.
Kew	775	62701	14052	42206	65511	04002	83620	86630		775	70603	60022	41706	75611	02301	87630			775	00071	000	+		+
London Airport	772	73302	09424	42505	75211	04001	82703	87635		772	70304	23044	41906	75511	02203	87628			772	00071	000	FFff		ff
Gatwick	776	80801	10284	42703	86211	03004	88704			776	81703	11102	42003	86211	02303	88703			776	00041	000	ff		+
Thorney Island	871	70000	26102	42405	75611	04003	87635			871	80902	14052	41904	85611	03303	88632			871	00061	000	+		+
Hurn	862	80804	28054	42206	85411	04003	81712	88630		862	80605	23052	41505	85511	03001	83622	88630		862	97071	111	f		+
Guernsey	894	60812	62014	41004	66300	03003	86708			894	70912	56052	40103	76400	01102	87710			894	00051	000	f		+
Wattisham	590	92707	F3494	42552	91111	52102	89100			590	90000	F4494	42452	91111	53500	89100			590	97523	111	FF		FF
Gorleston	497	90000	F9494	41851	91111	51801	89101			497	92005	01454	42550	91111	50304	89101			497	97001	000	ff		ff
Mildenhall	578	90000	F9434	42652	91111	52002	89101			578	90000	01434	42551	91111	51701	89101			578	97511	000	FF		FF
Cardington	559	02402	F7464	42700	00900	51002				559	90402	F8454	42501	91111	01304	89102			559	97031	006	FF		FF
West Raynham	485	92402	F9494	42602	91111	02106	89100			485	90000	F9494	41852	91111	52400	89100			485	97513	000	FF		FF
Wittering	462	62902	08464	42501	65611	50006	86630			462	90000	F4434	42351	91111	51001	89100			462	00043	001	ff		FF
Boscombe Down	746	80803	12284	42404	85411	04006	83710	88630		746	80702	59052	41805	85511	00302	88628			746	00051	000	ff		+
Ross-on-Wye	627	80000	08424	42203	86211	03102	88704			627	80000	04444	41604	86211	04301	88704			627	00041	000	ff		ff ff
Bristol	628	80102	13102	42205	85411	05004	85710	88625		628	80604	17052	41505	85511	03102	88625			628	00061	000	+		+
Aberporth	502	81404	62052	41606	85611	04006	88640			502	81403	48052	40906	85611	05201	88638			502	00061	000	+		+
Rhoose (Cardiff)	715	80905	20104	42405	85511	05005	85620	88635		715	70707	11282	41605	75611	04305	87635			715	00061	000	ff		ff
Plymouth	827	81210	58045	40906	85411	04004	83714	88620		827	71007	40042	40306	75511	04303	87625			827	00081	011	+		+
Chivenor	707	80000	59032	41507	85411	04004	86618	88630		707	70000	48022	40907	75411	05204	83611	87630		707	00081	000	+		+
St. Mawgan	817	51115	62022	40107	58400	04002	84815			817	81312	62012	39806	85511	03303	88620			817	00071	017	+		+
Culdrose	809	71113	62022	39907	78411	04206	83716	83820	85625	809	71309	64032	39506	78411	03001	83712	87620		809	00070	000	+		+
Silly	804	71413	64021	39008	78411	03107	81814	87622		804	81414	81022	38407	85511	04301	88627			804	00081	000	+		+
Elmdon	534	60000	02444	42504	65600	03004	86630			534	80000	07042	42003	85611	02001	88633			534	00051	000	ff		ff
Shawbury	414	70000	10104	42503	75611	02004	87638			414	80000	10284	41803	85611	02001	88633			414	00041	000	ff		ff
Manchester	334	70000	05414	42304	75611	02008	87635			334	70000	28044	41405	75611	51602	87639			334	00061	000	ff		+
Squires Gate	318	70000	05464	42205	75611	05108	87635			318	70903	25044	40903	75611	02702	87635			318	00061	000	FFff		+
Valley	302	70907	82022	41608	75611	04107	87640			302	81202	62032	40706	85611	03000	88640			302	00091	000	+		+
Ronaldsway	204	71711	66312	41407	75411	04105	81715	87637		204	71607	82012	40606	75511	03001	81625	87640		204	00081	000	+		+
Carlisle	222	70000	48044	42203	75611	02105	87640			222	70000	19052	41303	75611	03500	87637			222	00041	000	ff ff		+
Watnall	354	00000	17041	42305	00900	01001				354	80000	07044	41903	85611	00601	88640			354	00061	048	+		ff
Spurn Head	396	00000	06424	41902	00900	02206				396	02708	12104	41301	00900	01704				396	97041	042	ff		ff
Finningley	360	90000	F4434	42653	91111	53105	89100			360	90000	F5434	41852	91111	52702	89100			360	00513	000	FF		FF
Dishforth	261	11402	13044	42202	15430	01007	81618			261	90902	F3430	41652	91111	52501	89111			261	00051	064	+		FF
Tynemouth	262	02707	12050	41205	00900	02204				262	62505	12052	40705	60931	01603	86358			262	00071	042	+		ff
Eskdalemuir	162	80000	23102	42150	86011	50103	88701			162	82303	50104	40802	85211	02603	83703	88627		162	00021	000	+		ffff
Mull of Galloway	131	83505	66028	41207	88511	04207	82824	88630		131	80000	74022	40307	88411	05704	82818	88630		131	97081	111	/		/
Prestwick	135	81202	62042	40806	85611	04006	88640			135	71506	36042	39305	75611	03703	82630	87639		135	00071	000	+		+
Renfrew	141	70000	20044	40406	75511	03002	81625	87640		141	82605	32042	39606	85611	02801	88635			141	00071	000	+		+
Leuchars	171	32310	74020	39306	10931	02002	81362	83081		171	32311	60011	38703	35600	50500	83640			171	00071	063	+		+
Dyce	091	70000	66042	38509	65601	04000	86635	86075		091	13002	66012	37503	15600	01706	81635			091	00100	041	+		+
Wick	075	61906	89021	37507	65611	04001	86630			075	72210	83022												

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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7 or more
8

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fizzle

and snow

shower

and snow
ower

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shower

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Wind
speed
(knots)

Calm

1-2

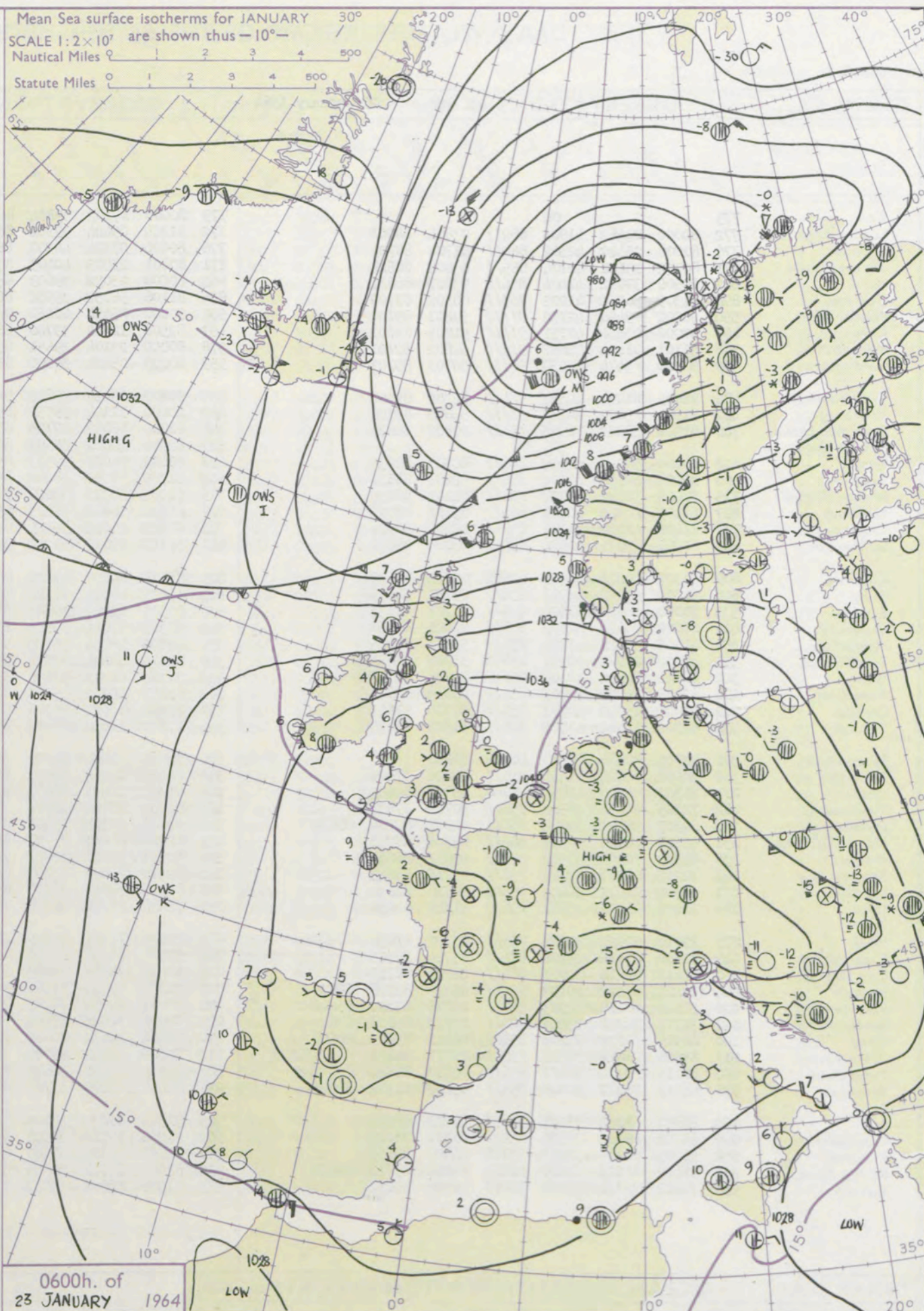
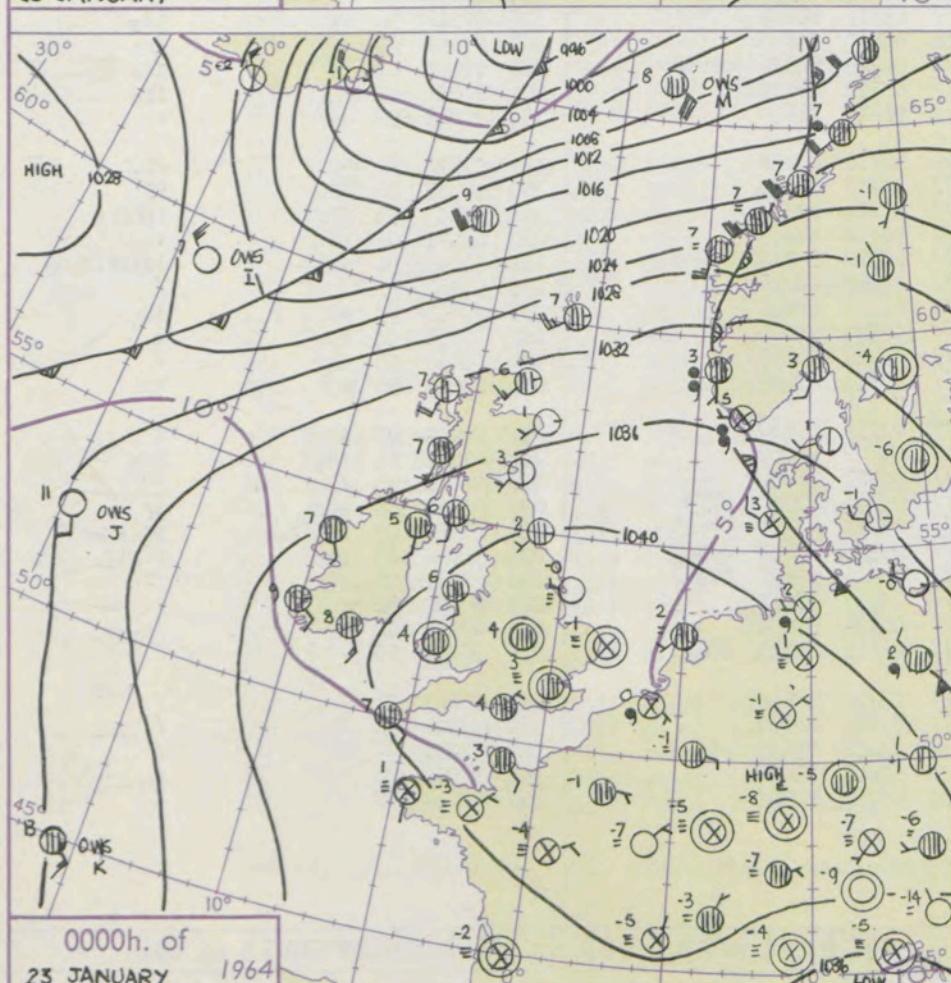
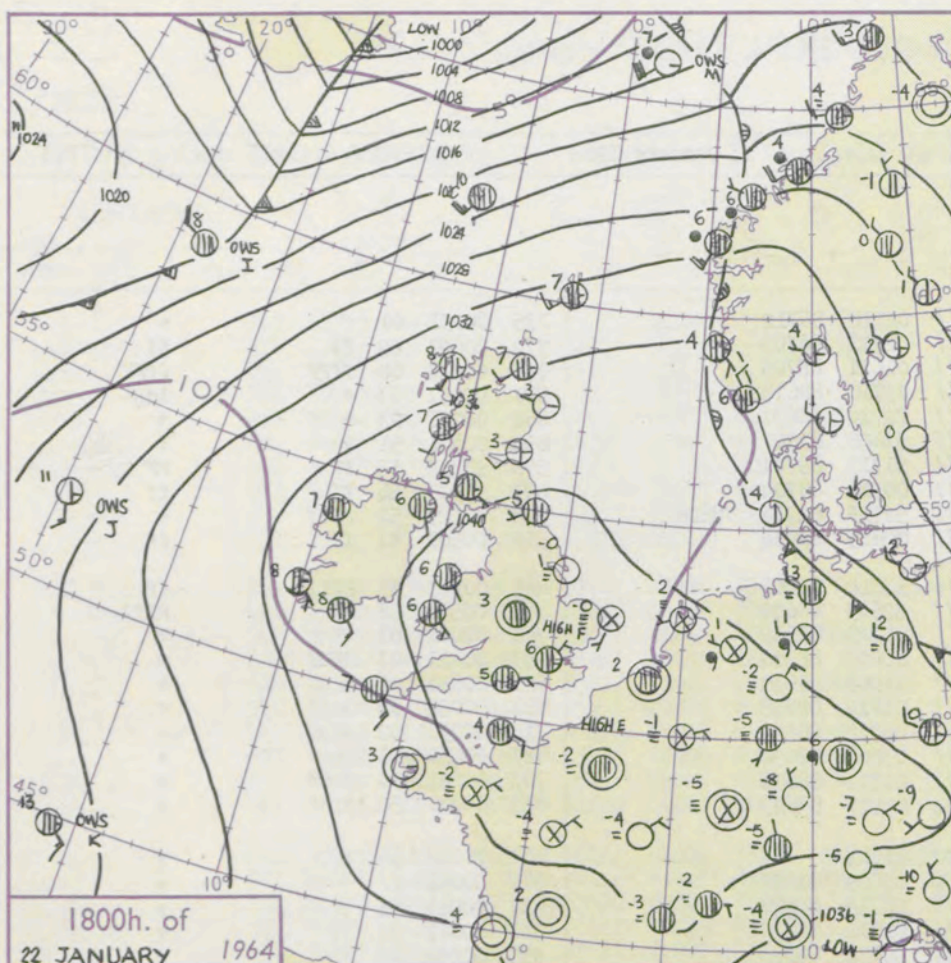
3-7

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48-52



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

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 23 January 1964

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The ridge of high pressure which extended across much of the British Isles yesterday has been weakening gradually as the anticyclone over the continent has drifted southeast. A trough of low pressure associated with a depression near northern Scandinavia will move south across all parts of the British Isles during the next 24 hours while an intensifying anticyclone southwest of Iceland moves towards Scotland.

All districts will start mainly cloudy, with a little rain or drizzle in some northern districts and a good deal of mist in the southeast. During today and tonight a belt of rain will move south across all districts, followed by brighter and rather cold weather with some showers in the north and east.

OUTLOOK for following 24 hours

Becoming cold with wintry showers, chiefly in the north and east. Sunny periods in most places and also some night frost.

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

Code FM 11.A		OBSERVATIONS at 00h.										23 January 1964										OBSERVATIONS at 06h.										23 January 1964										OBSERVATIONS during NIGHT										CONV TA °C
Station	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 _n T _n E	T _g T _g	WEATHER																														
																						21h.—03h.	03h.—09h.																													
Kew	775				04					775	80000	17102	39804	864/1	02710	88712				775	00031	01	+	+	40																											
London Airport	772	80000	04462	41903	862/1	03804	88703			772	81704	09424	39902	862/1	02711	88703				772	00021	02	ff	ff	39																											
Gatwick	776	80000	05442	42302	862/1	01704	88703			776	80000	07424	40301	862/1	01611	88705				776	00011	00	ffff	ffff	38																											
Thorney Island	871	80702	23102	42104	855/1	03804	88628			871	80801	23505	40103	854/1	03710	88618				871	97031	03	+	id _o	37																											
Hurn	862	80504	37022	41104	856/1	03807	88631			862	80000	23052	39603	856/1	02710	88631				862	00031	03	+	+	36																											
Guernsey	894	71309	56052	41202	763/1	00302	87709			894	81106	56052	39950	863/1	51606	87707				894	00511	51	+	+	35																											
Wattisham	590	90000	F9494	42752	91/11	52801	89100			590	90000	F9494	40151	91/11	51713	89101				590	97533	53	FF	FF	34																											
Gorleston	497	90000	03454	42751	91/11	51805	89101			497	82508	12104	39700	861/1	00715	88702				497	97513	54	ff	ff	33																											
Mildenhall	578	91101	01454	42652	91/11	52802	89101			578	80000	23104	39651	851/1	52715	84702	88628			578	00523	52	FFff	+	32																											
Cardington	559	90000	F5474	42450	91/11	50703	89101			559	80000	05424	39800	856/1	00815	88634				559	00501	51	ff	ff	31																											
West Raynham	485	91405	01454	42352	91/11	52702	89100			485	91802	03434	39652	91/11	53614	89101				485	00533	53	FFff	ff	30																											
Wittering	462	91501	F3494	42153	91/11	53805	89100			462	80000	12104	39551	856/1	52615	88630				462	00533	58	FF	FFff	29																											
Boscombe Down	746	81201	58052	41903	856/1	00802	88632			746	80000	58052	39703	856/1	01709	88632				746	00021	01	+	+	28																											
Ross-on-Wye										627	82202	48022	39503	864/1	00808	88710				627	00021	01	FFff	+	27																											
Bristol	628	80000	56022	42004	856/1	00501	88630			628	80000	56022	39503	856/1	01610	88630				628	00031	02	+	+	26																											
Aberporth	502	82003	48052	41104	856/1	02201	88637			502	81709	58052	38404	856/1	01815	88635				502	00031	03	+	+	25																											
Rhoose (Cardiff)	715	81005	56042	42204	856/1	02102	88635			715	81003	58022	39603	856/1	00712	88635				715	00031	02	+	+	24																											
Plymouth	827	81103	40042	40806	864/1	05102	88712			827	81402	56042	39505	856/1	03607	88630				827	00031	01	+	+	23																											
Chivenor	707	81202	48032	41205	855/1	03002	88626			707	80903	56022	39105	856/1	01711	88631				707	00041	50	+	+	22																											
St. Mawgan	817	61204	62021	40904	655/1	03104	86624			817	31311	59012	39203	35500	03807	83623				817	00011	50	+	+	21																											
Culdrose	809	41309	74011	40205	45500	03101	84625			809	01109	614050	39001	00900	01711				809	00010	55	+	+	20																												
Scilly	804	81310	81022	40207	854/1	03101	88616			804	11411	69021	38306	15500	03609	81622				804	00051	11	+	+	19																											
Elmdon	534	80000	56024	41804	856/1	51701	88631			534	82306	62022	39602	855/1	00713	88628				534	00021	01	+	+	18																											
Shawbury	414	80000	04424	41802	856/1	02801	88633			414	82302	17044	39103	856/1	01711	88630				414	00021	01	ff	+	17																											
Manchester	334	81705	58022	41104	856/1	51804	88635			334	82005	48042	38403	856/1	00711	88635				334	00031	02	+	+	16																											
Squires Gate	318	40000	06464	40751	45600	51702	84635			318	82110	48044	37504	856/1	03717	88635				318	97511	55	ff	id _o	15																											
Valley	302	81612	62022	40406	856/1	04706	88640			302	31717	62212	37106	35600	03720	83635				302	97051	03	+	ir _o	14																											
Ronaldsway	204	82115	74022	39507	856/1	04813	88643			204	82217	69212	36207	855/1	04719	84621	88646			204	97051	04	+	ir _o	13																											
Carlisle	222	70000	19042	40303	756/1	01706	87640			222	82206	58022	36305	856/1	00720	88633				222	97021	02	+	ir _o	12																											
Watnall	354	82702	14042	41802	856/1	51805	88630			354	80000	11042	38902	856/1	01814	88630				354	00011	52	+	+	11																											
Spurn Head	396	02705	F0464	40950	00900	50400			396	32506	12284	38500	35500	50716	83625				396	97523	11	FF	ff	10																												
Finningley	360	70000	04424	41453	755/1	54806	87629			360	80000	13284	38351	856/1	51717	88633				360	00553	56	FF	FF	9																											
Dishforth	261	21702	04424	41654	25700	55801	82650			261	91302	02494	38053	91/11	53714	89111				261	00551	55	FFff	ffff	8																											
Tynemouth	262	72305	24054	40302	756/1	50702	87630			262	72304	58022	36702	755/1	50718	87625				262	00021	01	ff	+	7																											
Eskdalemuir	162	82307	58032	39802	854/1	01807	82710	88635		162	82106	20105	35402	854/1	02720	83712	88633			162	94001	51	+	id _o ifir _o d _o	6																											
Mull of Galloway	131	81820	66022	32907	864/1	05706	88718			131	82320	66026	35707	864/1	04720	88710				131	97061	11	/	/	5																											
Prestwick	135	81910	70022	37906	856/1	03813	88645			135	82311	74022	33807	856/1	03723	88640				135	97051	03	+	ir _o	4																											
Renfrew	141	72212	66022	37606	756/1	05715	87645			141	82509	74022	33707	856/1	02720	88645				141	00051	03	+	+	3																											
Leuchars	171	22304	74011	36603	25600	50716	82630			171	82312	58041	32106	856/1	03724	88637				171	00011	53	+	+	2																											
Dyce	091	12406	66011	35701	15630	51710	81630			091	72404	66022	31003	756/1	00727	87640				091	00511	56	+	+	1																											
Wick	075	72214	80022	32706	756/1	03721	87630			075	71916	74031	26305	756/1	03739	87630				075	00041	02	+	+	0																											
Cape Wrath	049	82330	81636	29506	874/1	05724	88715			049	62326	81036	23006	656/1	04729	86630				049	01042	04	ir _o	ir _o	-1																											
Sule Skerry	010	82418	66616	31007	864/1	06721	88715			010	52430	74036	24808	555/1	06727	85620				010	95071	05	/	/	-2																											
Lerwick	005	72425	66022	29107	754/1	05725	83718	87635		005	72333	66025	21306	764/1	03746	83711	87630			005	95062	05	id _o	ir	-3																											
Stornoway	026	52019	80258	32507	585/1	03716	81820	85640		026	72017	74256	26407	785/1	05727	81820	87645			026	01051	05	pr _o ir _o	pr _o ir _o	-4																											
Benbecula	022	71717	74258	33407	784/1	05717	82818	87640		022	72027	74028	27807	784/1	05728	82819	87640			022	93061	05	pr _o	pr _o ir _o	-5																											
Tiree	100	81914	74032	35207	855/1	06814	82625	88640		100	72018	74032	30807	755/1	05728	82622	87647			100	91071	05	+	ir _o	-6																											
Aldergrove	917	81808	56042	38605	856/1	03712	88636			917	72009	56042	35704	856/1	02717	88642				917	00021	52	+	+	-7																											
Malin Head	980	82115	59102	36607	856/1	04712	88646			980	82114	62102	32806	857/1	04724	88650				980	00041	02	/	/	-8																											
Belmullet	976	81610	78022	36007	855/1	05709	81722	88645		976	82010	65205	33707	86441	06711	85719	88640			976	97051	03	/	/	-9																											
Birr	965	81407	61022	38206	856/1	03812	88640			965	71504	61032	36105	756/1	03710	87640				965	00041	01	/	/	-10																											
Collinstown	969	81705	66022	39306	855/1	01711	88628			969	72206	66026	35906	857/1	03720	88650				969	91041	51	/	/	-11																											
Rineanna	962	51205	66016	37407	55700	04807	85650			962	82005	66205	35907	856/1	05806	82635	88650			962	97041	03	/	/	-12																											
Roches Point	952	81615	62022	38208	864/1	06802	85712	88632		952	81509	62031	36808	856/1	07808	88637				952	97071	04	/	/	-13																											
Valentia	953	71412	72022	36009	756/1	06806	87630			953	21508	69028	35607	22500	06701	82821				953	03031	00	/	/	-14																											
																										-1																										

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

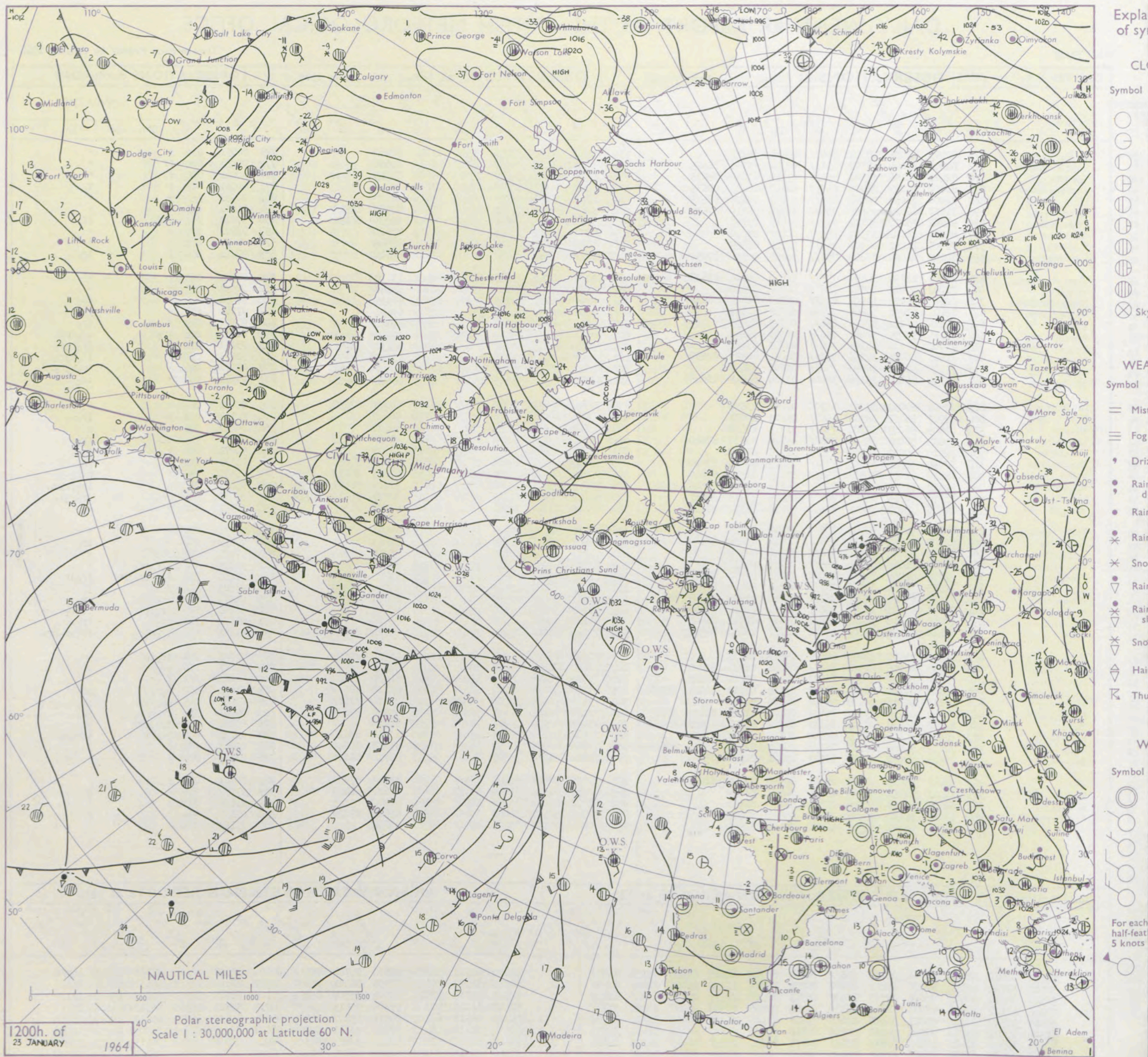
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37319

Date of Issue Friday 24 January 1964

Code FM II.A		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
Station		ill	Nddff	VVwwwW	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	VVwwwW	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 x F	SSS	WEATHER			
																					09h.—15h.	15h.—21h.				
Kew	775	82403	12052	38304	864//	02814	88712				775	72507	40052	35004	70930	01712	87362				775	00051	000	+	+	
London Airport	772	82402	08464	38303	851//	02812	85702	88625			772	42305	40044	34902	45700	50513	84656				772	00051	000	ff	+	
Gatwick	776	82401	28104	39503	854//	03714	84710	88638			776	12505	37051	35501	15500	00608	81625				776	00041	000	ff	+	
Thorney Island	871	80000	26055	38804	855//	02812	83625	88635			871	02303	30051	35803	00900	01809				871	00061	002	+	+		
Hurn	862	80000	31052	39004	855//	03807	85628	88635			862	02405	20051	36003	00900	02706				862	00051	///	+	+		
Guernsey	894	71107	66022	39402	754//	51705	84710	87615			894	52206	37051	37801	56300	00500	82706	84710		894	00031	021	+	+		
Wattisham	590	92202	F8474	37850	911//	50819	89/01				590	72308	07424	33600	756//	00716	82630	86656		590	97011	///	ffFF	ff		
Gorleston	497	82204	16102	37301	855//	00822	88620				497	82303	13102	33001	855//	00719	88620			497	97021	000	+	+		
Mildenhall	578	82005	11052	36901	855//	51720	88625				578	72007	14052	33103	756//	01615	87619			578	00031	001	+	+		
Cardington	559	72105	21054	37404	786//	02824	82830	87650			559	42209	37051	33903	45600	01514	84640			559	97041	000	f	ir0		
West Raynham	485	72305	14104	36850	753//	51820	85706	87625			485	52212	14042	32401	55600	00718	85632			485	00013	000	+	+		
Wittering	462	72002	40012	36802	756//	01707	87630				462	12308	37021	32903	15600	00616	81640			462	00051	016	+	+		
Boscombe Down	746	82302	59052	38504	855//	00810	81625	88632			746	72105	26051	35702	756//	01507	87635			746	97051	021	+	id0		
Ross-on-Wye	627	12102	57051	36806	10940	01718	81362				627	72006	24051	34005	756//	02705	87630			627	97061	028	+	pr0		
Bristol	628	82106	23052	37706	856//	00727	88635				628	52604	56051	34804	55600	02710	85640			628	97071	019	+	ir0		
Aberporth	502	71913	50052	37006	756//	05709	87640				502	72111	66212	33505	55671	05709	85645			502	01071	002	ir0	ir0rrRR		
Rhoose (Cardiff)	715	71906	58022	38305	756//	02709	87640				715	72507	59602	35305	756//	04609	82630	87635		715	93061	010	+	ir0r0r0		
Plymouth	827	71603	40041	39306	785//	04001	84820	87630			827	82207	40602	36705	854//	03710	82618	88645		827	92061	010	+	ir0d0r0		
Chivenor	707	70000	57031	38806	756//	03801	87635				707	81806	48611	35605	854//	04711	83612	88625		707	01081	024	+	ir0r0r0rr		
St. Mawgan	817	31709	66010	39106	38400	03004	81815	83625			817	81711	58212	36305	854//	04707	86612	88620		817	93071	059	+	ir0		
Culdrose	809	32004	60050	39207	35700	02003	83656				809	72306	56051	36705	756//	03608	85635	87656		809	00081	064	+	+		
Scilly	804	72007	66031	38908	656//	05103	86633				804	62811	66012	36808	655//	06704	86625			804	92101	021	+	ir0		
Elmdon	534	72409	56042	37104	756//	51717	87630				534	52307	23041	33204	556//	02712	85630			534	00051	003	+	+		
Shawbury	414	72604	58021	36306	756//	02716	83630	87640			414	72309	58026	32505	756//	04610	81630	87637		414	97071	035	id0	ir0		
Manchester	334	72010	40042	35105	756//	51716	87630				334	32111	32041	30605	35600	03715	83635			334	92071	014	+	ir0		
Squires Gate	318	72314	58045	34305	785//	03717	82825	87640			318	72515	56041	29505	2552/	05716	82625	87662		318	01071	031	d0	r0r0rr		
Valley	302	72220	61031	34908	754//	07815	83710	87640			302	62314	61022	31308	25602	06613	82635	86070		302	02091	015	+	r0r0		
Ronaldsway	204	72418	61022	33308	754//	06814	82713	85618	87640		204	82722	59611	29508	854//	07610	83710	86619	88628	204	01091	016	+	ir0rrpr0		
Carlisle	222	72315	56015	32107	784//	04819	83718	86642			222	82415	56216	27507	873//	05513	82707	86710	88717	222	01071	000	ir0	ir0r0r0		
Watnall	354	82408	19042	36503	854//	00715	81712	88635			354	72409	11041	31904	756//	02715	87635			354	00051	001	+	+		
Spurn Head	396	72309	12054	35502	755//	01719	87625				396	52312	32034	29602	55500	00735	85625			396	00031	000	+	+		
Finningley	360	82109	15042	35403	856//	00817	85630	88640			360	61808	24041	30604	65600	02616	86638			360	97051	006	+	ir0		
Dishforth	261	81707	03444	34351	856//	51720	88630				261	72011	40046	28105	754//	04725	83714	87624		261	97071	000	ffir0	+		
Tynemouth	262	82013	24052	32304	856//	01723	88630				262	72308	48058	25807	756//	03727	87630			262	91071	001	r0r0pr0	+		
Eskdalemuir	162	82309	62036	30905	884//	03820	82710	87817			162	82605	58216	26605	873//	04510	87706	88717		162	01051	001	d0r0ir0ir	ir0ir		
Mull of Galloway	131	72515	74031	32507	785//	05711	82824	87630			131	72720	74028	28907	495//	06308	84920	84360								

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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6
7 or more
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and snow

shower

and snow
shower

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shower

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Wind
speed
(knots)

Calm

1-2

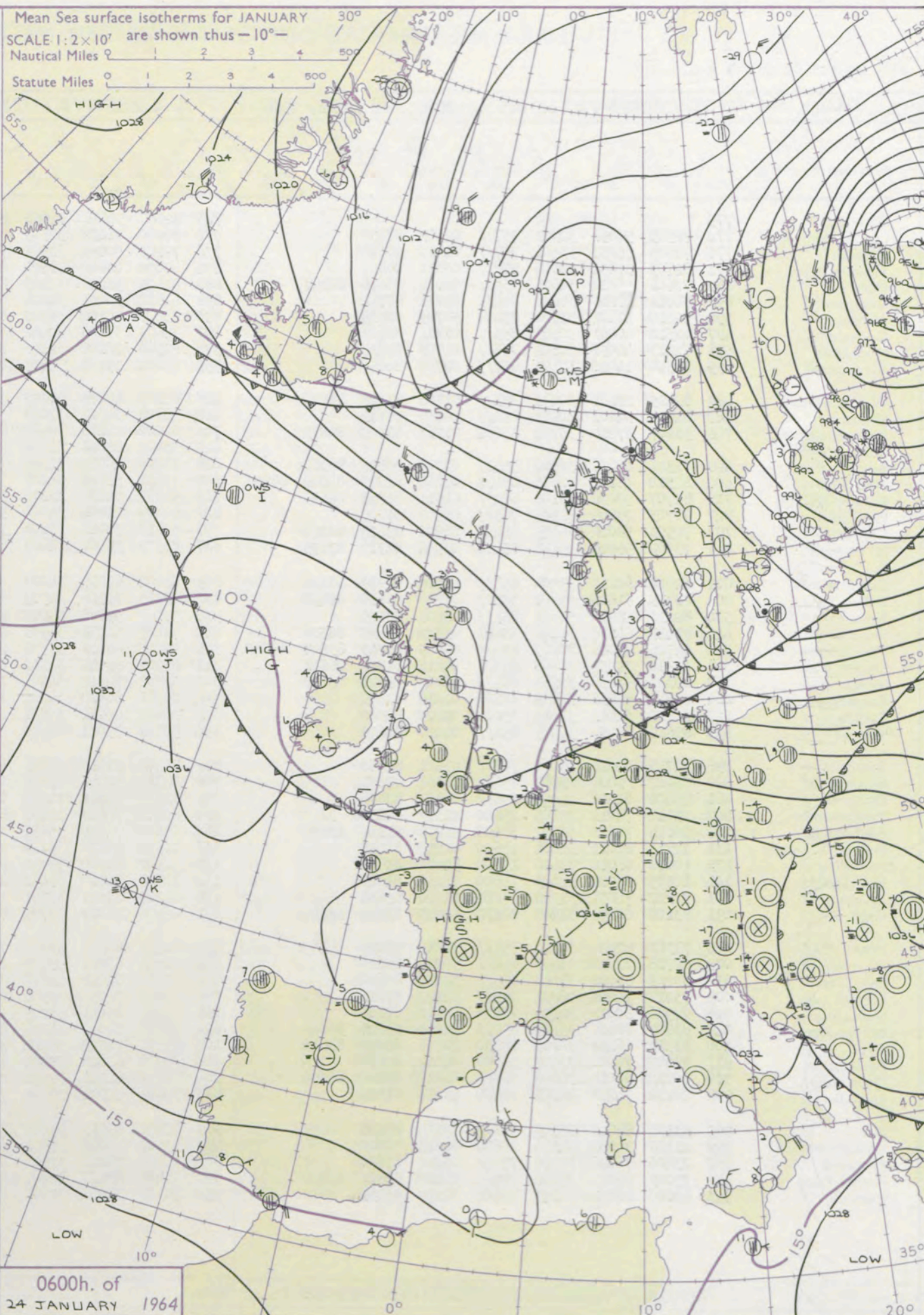
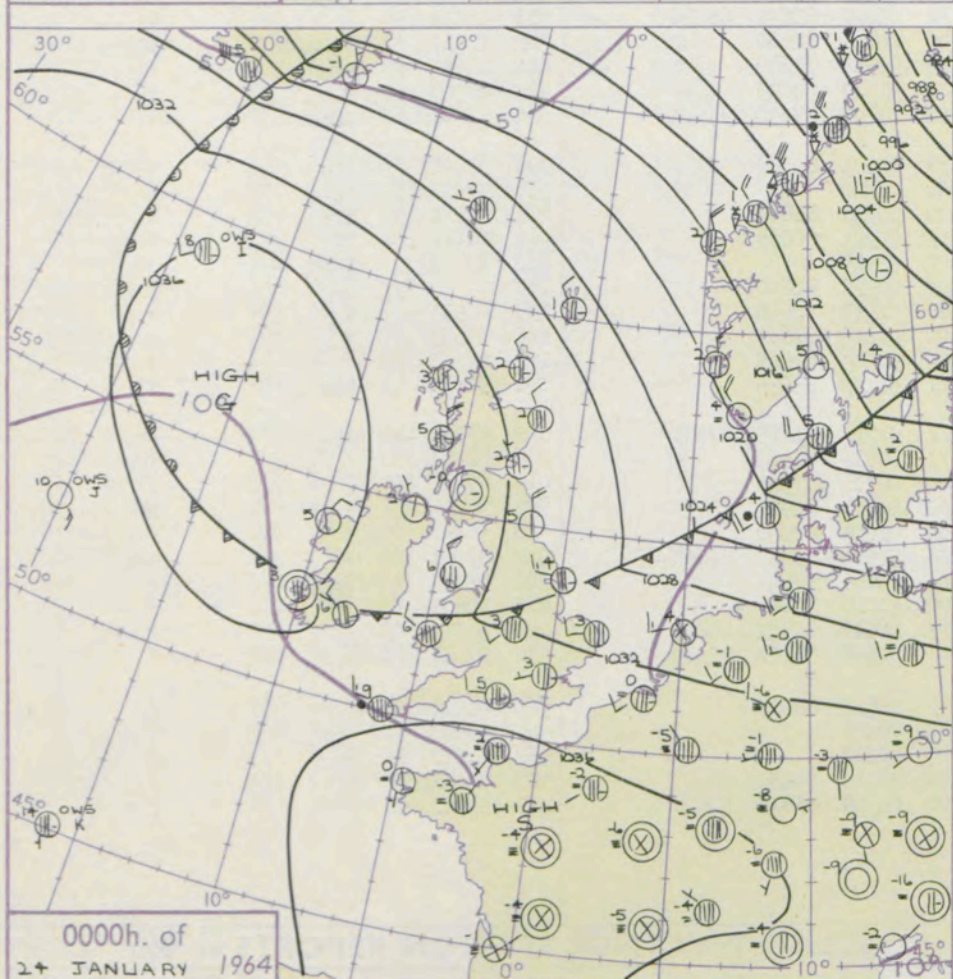
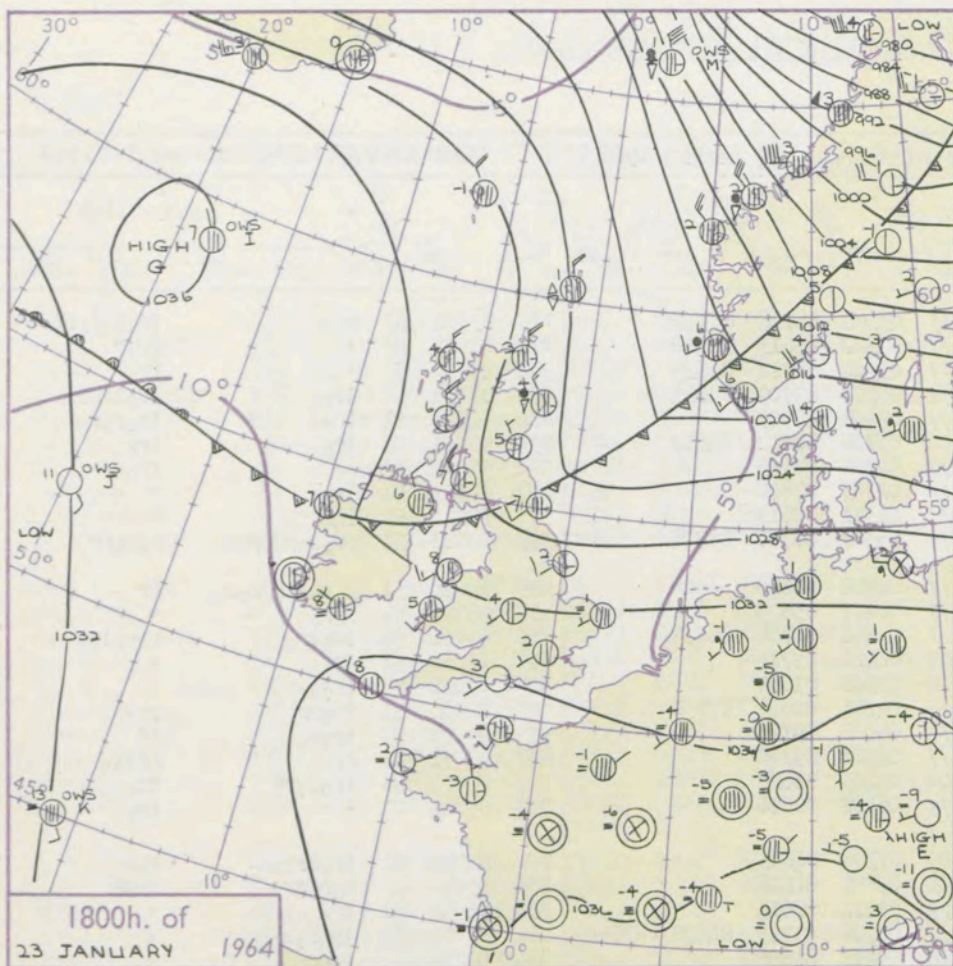
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8-12

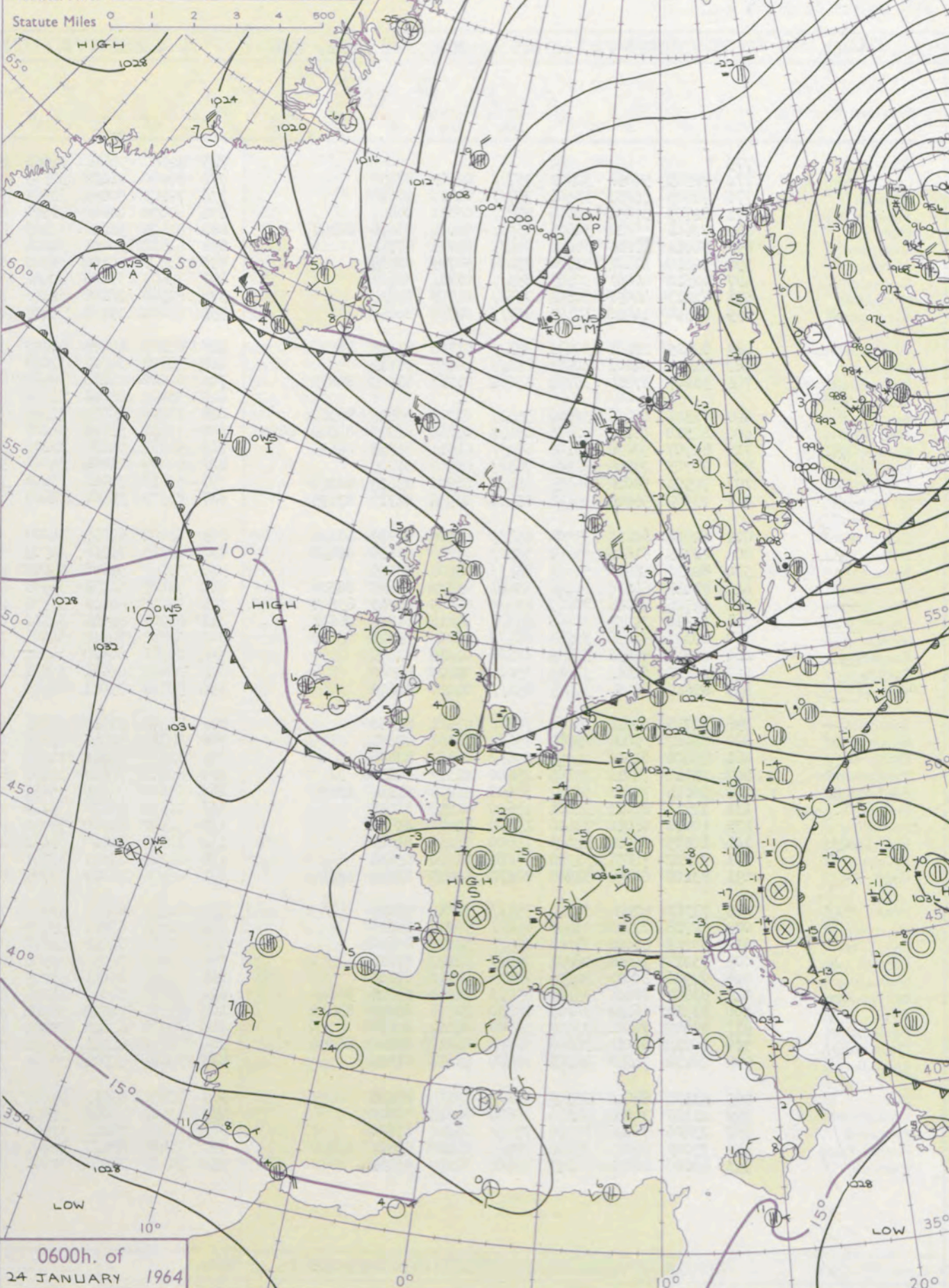
13-17

Additional
per add

48-52



Mean Sea surface isotherms for JANUARY
SCALE 1:2 x 10⁷ are shown thus - 10° -
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday 24 January 1964

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

An intensifying anticyclone over the western Atlantic has moved southeast to a position just off Ireland while a trough of low pressure associated with a deep depression over northern Scandinavia has moved south across all parts of the British Isles. The anticyclone is expected to drift slowly south, maintaining a generally northwesterly airstream across Britain, but another trough of low pressure will move from the north across Scotland during tonight and tomorrow morning.

All districts will have sunny periods today and there will be a few scattered showers, chiefly in the north and west. It will be generally rather cold with frost in many places tonight. During the night and tomorrow morning a belt of rain or drizzle will move south across Scotland and much of northern England.

OUTLOOK for the following 24 hours. Mainly dry apart from scattered showers near the east coast and some drizzle in the northwest. Temperatures mostly near average.

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

Code FM 11.A OBSERVATIONS at 00h. 24 January 1964										OBSERVATIONS at 06h. 24 January 1964										OBSERVATIONS during NIGHT										CONV TA °C
Station	ill	Nddff	VVwww	PPPTT	N _h Ch _h 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 _h 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 T _n E	T _g T _g	WEATHER								
																						21h.—03h.	03h.—09h.							
Kew	775				04					775	82504	56616	32604	873//	03201	86708	88712		775	93031	53	+		ir _o d _o d _o ff	40					
London Airport	772	72505	56051	32903	757//	02609	87650			772	80000	21636	32503	854//	02302	85613	88630		772	01011	53	+		rrir	39					
Gatwick	776	72405	56031	33501	757//	01510	87650			776	72203	50032	32503	754//	03502	86712	87635		776	97511	53	+		ir _o	38					
Thorney Island	871	82703	37051	31304	858//	03611	88657			871	80000	18606	32904	853//	01703	83709	88621		871	97031	50	ir _o		ir _o id _o if	37					
Hurn	862	72608	56212	31405	3553//	03608	83626	86358		862	82405	56216	32905	873//	05501	88709		862	01041	51	ir _o			ir _o r _o r _o	36					
Guernsey	894	71812	18216	36402	764//	01711	87712			894	11812	50051	31804	15600	03708	82712	81632		894	93021	01	ir _o			ir _o	35				
Wattisham	590	32410	17101	31600	35600	50709	83635			590	83006	20106	31702	862//	02206	88705		590	97001	52	+			ir _o ff	34					
Gorleston	497	82512	14051	30203	855//	01714	88621			497	72609	37106	30402	755//	02303	87620		497	91011	51	ir _o			+	33					
Mildenhall	578	72213	14051	30802	756//	01708	87638			578	82906	28106	32102	854//	02311	88619		578	95011	52	ir _o r _o			r	32					
Cardington	559	62310	14046	32103	657//	02708	86650			559	83004	19108	32603	863//	03307	86708	88714		559	02021	51	pr _o s _o pr _o r _o r _o			r _o r _o rr	31				
West Raynham	485	82415	28601	30401	853//	01706	81708	88622		485	63305	140286	31803	656//	02318	86630		485	95011	51	r _o r _o d _o r _o d _o r _o			ff	30					
Wittering	462	82312	32601	30903	854//	02607	88613			462	53308	314016	32603	555//	02217	85625		462	96021	51	r _o r _o			+	29					
Boscombe Down	746	31907	37216	33702	15602	01711	81640	83072		746	80000	28216	32403	853//	03601	84708	88615		746	01011	52	id _o ir _o			r _o r _o id _o	28				
Ross-on-Wye										627	53402	66026	33004	56400	04210	85715		627	01031	51	ir			+	27					
Bristol	628	72306	18056	32904	3553//	03713	83620	86360		628	10000	18056	32704	15500	03308	81625		628	02031	53	ir _o r _o r _o			+	26					
Aberporth	502	82910	18212	32806	854//	06400	82710	81640	88656	502	73412	59028	31405	785//	04211	82827	87656		502	02041	51	ir _o rr			pr _o	25				
Rhoose (Cardiff)	715	82707	59036	33106	854//	04511	84715	88635		715	93305	02476	32404	911//	04208	89100		715	92031	50	ir _o d _o d _o			if	24					
Plymouth	827	70703	28106	32505	763//	05507	87706			827	90000	01604	314004	911//	04503	89100		827	06031	51	rr			FFir _o	23					
Chivenor	707	70903	58026	31405	3543//	04606	83618	86360		707	33610	714016	33606	35500	05203	83628		707	02031	50	ir _o d _o r _o			id _o	22					
St. Mawgan	817	73009	56026	35108	25476	07504	81712	87275		817	83509	56606	31407	855//	06102	88624		817	95041	02	+			ir _o	21					
Culdrose	809	82808	60616	35508	853//	07606	82707	88630		809	13004	62056	31407	15500	07706	81625		809	02051	51	ir _o ir _o r _o r _o			r _o r _o	20					
Scilly	804	82715	61616	35909	3552//	08709	83620	88458		804	13615	79216	31409	15500	07601	81628		804	03071	//	r _o r _o ir			irpr	19					
Elmdon	534	82210	58211	31603	855//	03508	88626			534	83102	59026	33004	854//	03212	88615		534	96011	51	ir _o			+	18					
Shawbury	414	83211	61636	31206	5562//	05302	88538			414	73407	61036	33903	754//	02216	83715	81628	87650		414	01011	51	ir _o r _o r _o rr			+	17			
Manchester	334	62706	14046	30605	654//	04309	81713	83640	86650	334	20000	66021	33502	25700	00216	82656		334	01011	51	ir _o rr			+	16					
Squires Gate	318	63310	70036	30805	685//	04215	81825	86611		318	60705	59041	31402	655//	01221	81622	86650		318	00513	56	+			+	15				
Valley	302	63311	74036	32506	685//	05213	83820	85656		302	13502	714018	31403	15600	02211	81640		302	01011	51	r _o r _o pr _o			phpr _o	14					
Ronaldsway	204	23511	82038	32005	18500	02216	81820			204	10311	80020	31402	15600	50118	81640		204	01001	53	pr _o			+	13					
Carlisle	222	40102	62012	31504	15600	02223	81640			222	20000	69031	35651	25500	51319	82625		222	00523	55	+			+	12					
Watnall	354	82610	18036	30405	854//	04400	88618			354	50207	59011	33602	35602	01220	83630	85075		354	97011	52	ir _o			+	11				
Spurn Head	396	72714	32012	28604	7097//	03501	87360			396	13212	59016	31703	140970	02221	81360		396	97021	//	ir _o			+	10					
Finningley	360	72612	39046	29405	756//	04301	87631			360	03311	56041	33402	00900	01220			360	97011	54	r _o r									

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

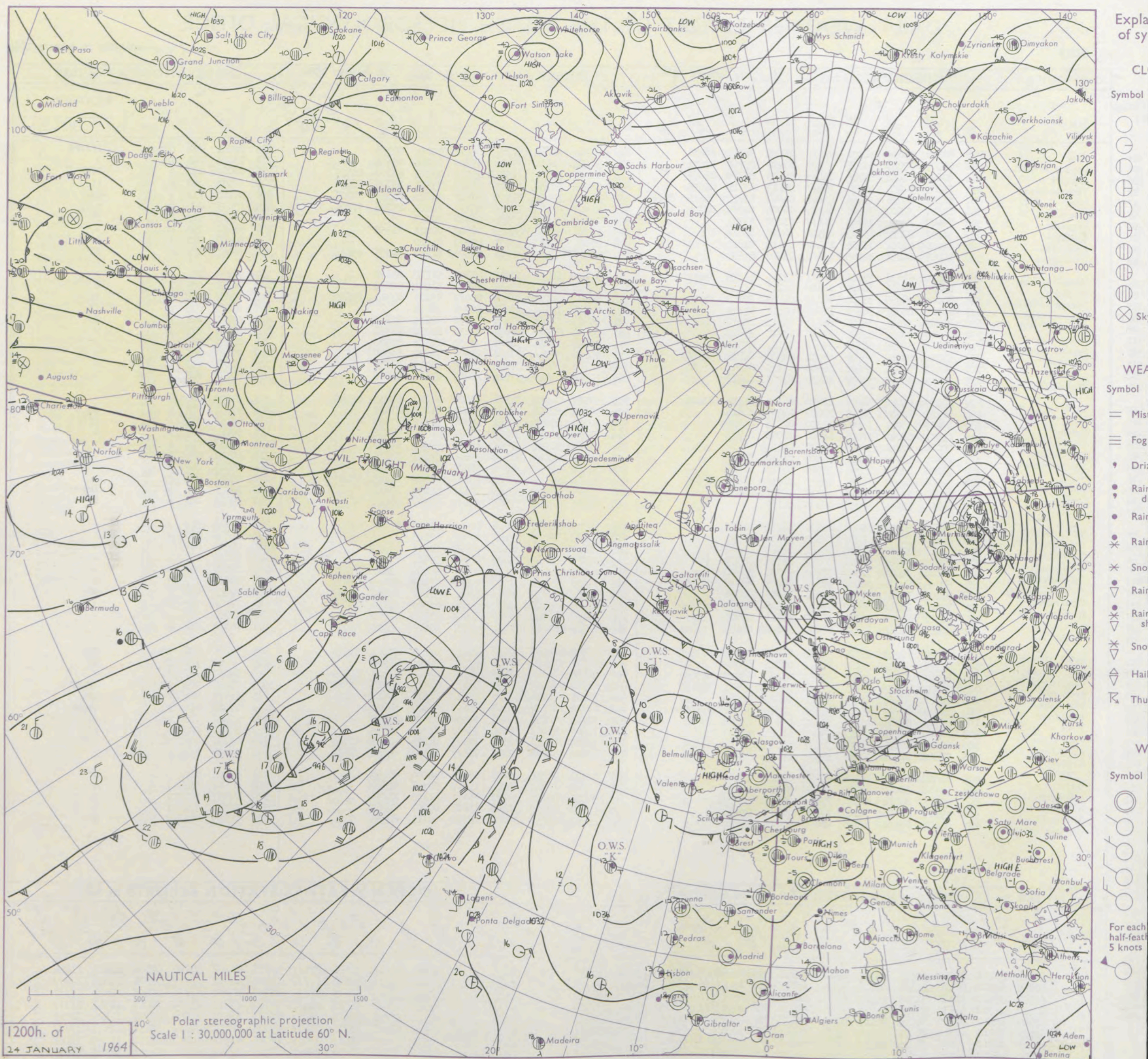
No. 37319

Date of Issue Saturday 25 January 1964

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Code FM II.A		OBSERVATIONS at 12h. 24 January 1964										OBSERVATIONS at 18h. 24 January 1964										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 _E	SSS	WEATHER		
																								09h.—15h.	15h.—21h.	
Kew	775	80308	56056	36006	854//	03115	86710	88630			775	40203	56051	37705	40930	02214	84358			775	92061	002	ffr _o r _o		1ffffF	
London Airport	772	70207	37046	36106	754//	04212	85712	87635			772	50104	40031	37804	55700	02216	85656			772	93061	001	ir _o		+	
Gatwick	776	80000	17056	35705	854//	04113	86710	88625			776	80605	19102	37504	853//	03214	85708	88625		776	00061	000	+		ffff	
Thorney Island	871	70603	50056	35606	754//	05113	83715	87635			871	83604	09444	37605	853//	03321	86708	88630		871	00071	000	+		ff	
Hurn	862	80307	40036	35506	854//	04009	83712	85618	88620		862	80305	17055	37505	862//	04223	85705	88707		862	97071	///	+		ld _o	
Guernsey	894	81809	32606	35706	861//	06004	84702	88703			894	81611	40106	37105	863//	04215	85704	87706		894	03071	000	ir _o		r _o r _o	
Wattisham	590	73507	11284	35903	761//	03220	87701				590	03006	32101	37201	00900	00216			590	00063	///	ffif			if	
Gorleston	497	40107	60212	35305	48540	04022	82815	83620			497	12707	32051	36503	10940	00213	81358		497	94051	053	pr _o		+		
Mildenhall	578	13101	40051	35704	11400	03112	81810				578	02804	19100	37201	00900	01212			578	00063	052	+			ffff	
Cardington	559	10208	60051	36405	15600	03010	81635				559	50000	40031	37801	58500	01210	82825	85635		559	00073	032	+			ff
West Raynham	485	63610	69038	35505	684//	02216	81815	85630			485	32704	48030	37001	35700	51312	83650		485	91051	054	pr _o		+		
Wittering	462	03407	59011	36305	00900	02113					462	22506	32100	37450	25600	51204	82630		462	00051	059	+		+		
Boscombe Down	746	80604	28055	35705	862//	04108	87705	88708			746	80302	40056	37804	854//	03320	83711	88629		746	91051	000	ld _o		ir _o	
Ross-on-Wye	627	10502	48051	36805	11500	02114	81820				627	01601	17101	38203	00900	02218			627	00063	033	+			if	
Bristol	628	80209	32041	36405	854//	03112	84617	88630			628	20305	17051	37803	15630	02214	81640		628	00061	002	+		+		
Aberporth	502	10000	80022	37006	11400	03211	81818				502	10000	66020	38003	10930	02210	81364		502	00061	077	+		+		
Rhoose (Cardiff)	715	70608	58054	36805	754//	03111	87615				715	20605	48041	38003	25630	01313	82630		715	00061	010	+		+		
Plymouth	827	53304	61036	35508	38530	05006	82825	84360			827	20606	37041	37405	25600	04222	82640		827	00081	041	+		+		
Chivenor	707	20307	74020	36408	28600	03110	81830				707	10903	48010	37904	15600	02219	81630		707	00091	057	+		+		
St. Mawgan	817	50213	80036	36007	48430	04209	84817				817	10305	74020	37304	12440	03214	81818		817	00071	076	+		+		
Culdrose	809	40209	69016	36007	48400	04111	81714	83628			809	50507	34052	36306	58400	04217	82815	85625		809	97090	060	+		+	
Scilly	804	30312	82038	36609	32400	04007	83818				804	30512	82028	36907	38400	01209	83812		804	97091	038	+		pr _o		
Elmdon	534	10205	35041	36804	11500	02215	81820				534	10000	11281	37951	14500	51312	81625		534	00053	039	+		ffff		
Shawbury	414	13601	48041	37105	18640	01008	81835				414	73407	50041	38603	756//	00317	87638		414	00061	063	+		+		
Manchester	334	00000	09044	36903	00900	00111					334	13003	48044	37801	15700	52309	81650		334	00053	059	+		+		
Squires Gate	318	13205	13044	37404	14500	01113	81625				318	32903	56040	37502	35600	51203	83635		318	00051	066	ffff		+		
Valley	302	20206	62030	37706	28500	04113	82825				302	30000	66020	38603	35500	00210	83630		302	00071	067	+		+		
Ronaldsway	204	70000	84030	38406	785//	51116	81820	87635			204	72705	82022	38005	785//	00302	81825	87635		204	00061	026	jp		+	
Carlisle	222	32305	59011	37501	25630	53001	81638				222	72409	62021	36503	756//	51103	87635		222	97041	036	+		ir _o		
Watnall	354	00105	32041	36605	00900	01109					354	73005	09041	37603	754//	00307	87614		354	00051	043	+		ff		
Spurn Head	396	13610	58010	35404	15600	02202	81630				396	72706	16050	36402	70931	01210	87340		396	00040	062	+		+		
Finningley	360	13310	57020	37205	10942	50112	81359				360	02908	17041	37102	00900	51209			360	00063	060	+		f		
Dishforth	261	13210	72030	36804	15631	51008	81640				261	02610	63041	36101	00900	52601			261	00053	062	+		+		
Tynemouth	262	32911	48051	36503	30970	52104	83358				262	02714	48050	35402	00900	52301			262	00031	065	+		+		
Eskdalemuir	162	30000	74011																							

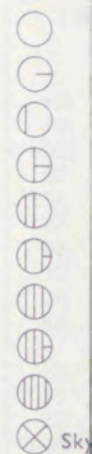
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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of sym

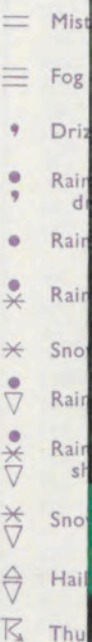
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Symbol



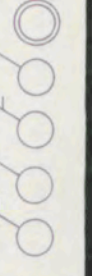
WEA

Symbol



W

Symbol



For each
half-feet
5 knots

CHARTS OF WEATHER IN WEST EUROPE

ation
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Cloud
Amount
(oktas)

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

ATHER
Weather

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and
fizzle

and snow

shower

and snow
ower

w shower

shower

nderstorm

ND

Wind
speed
(knots)

Calm

1-2

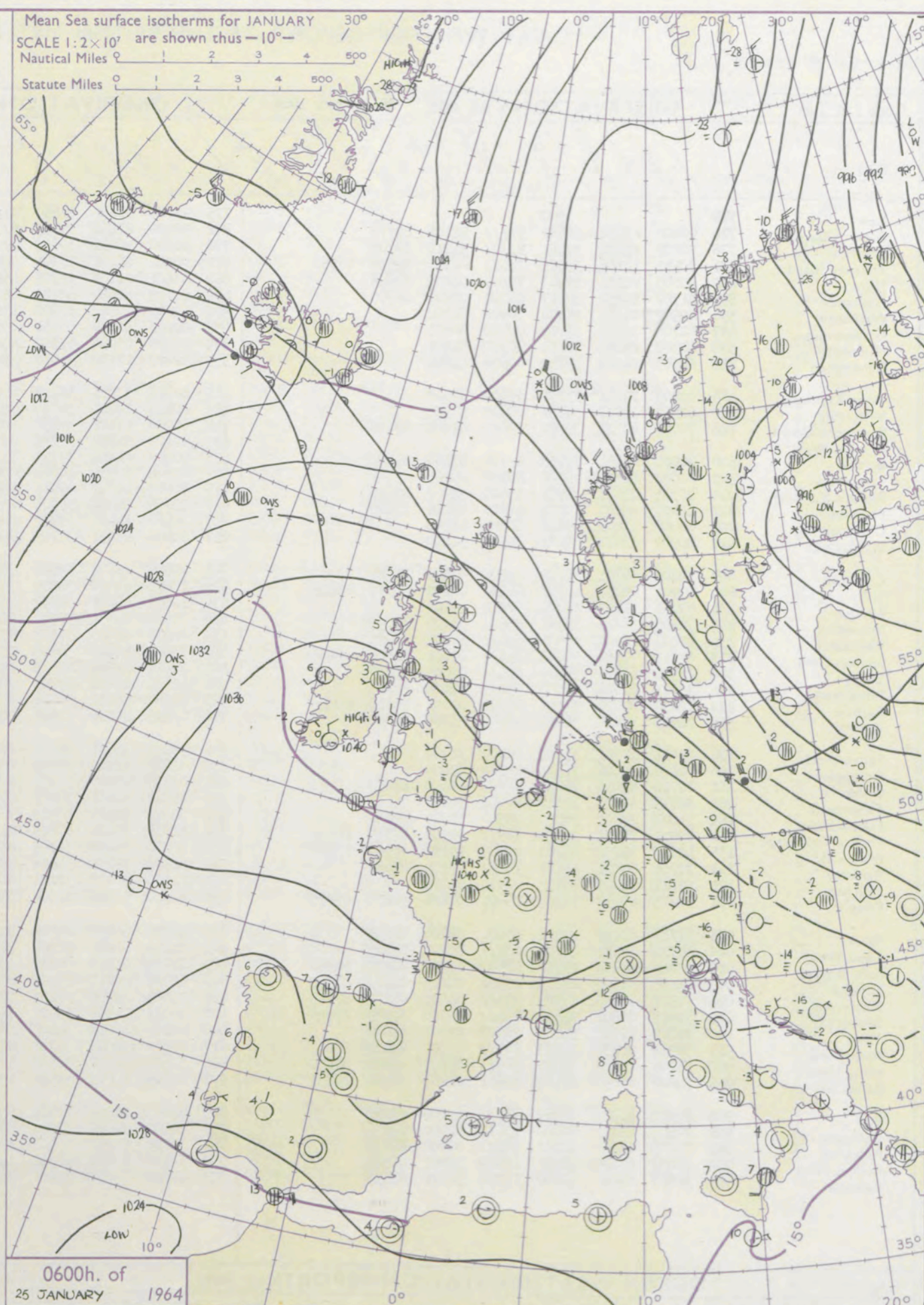
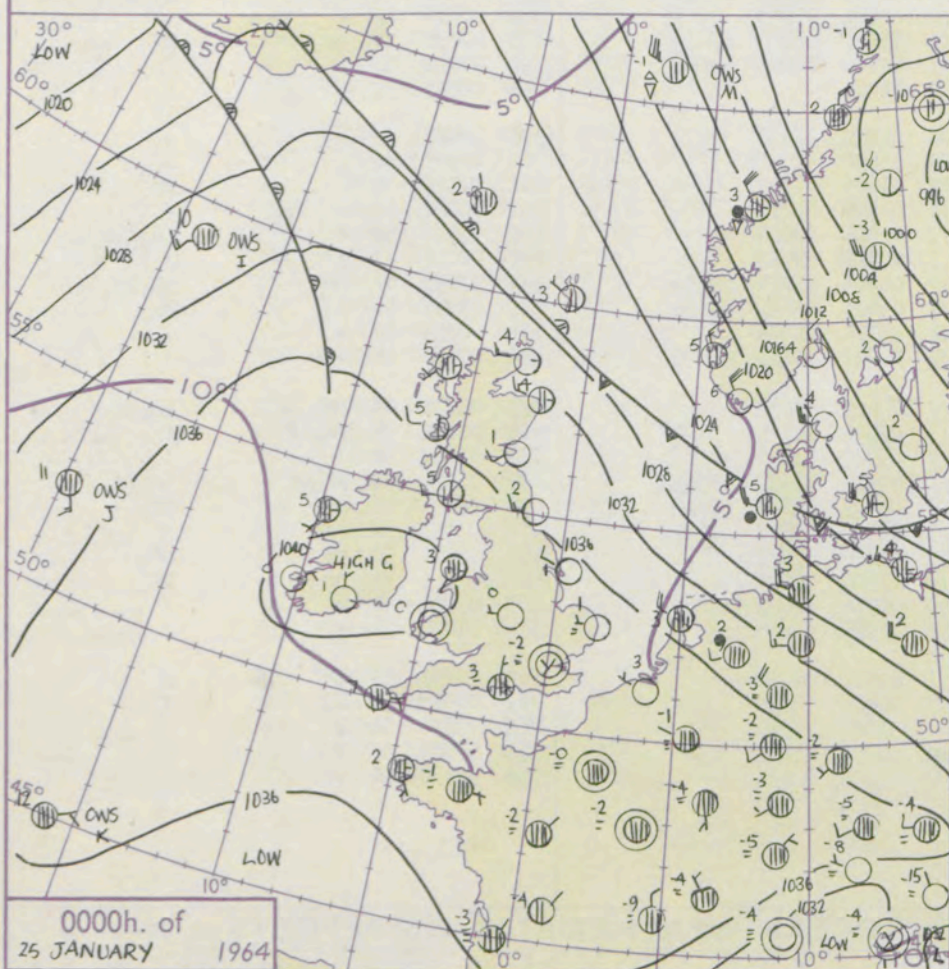
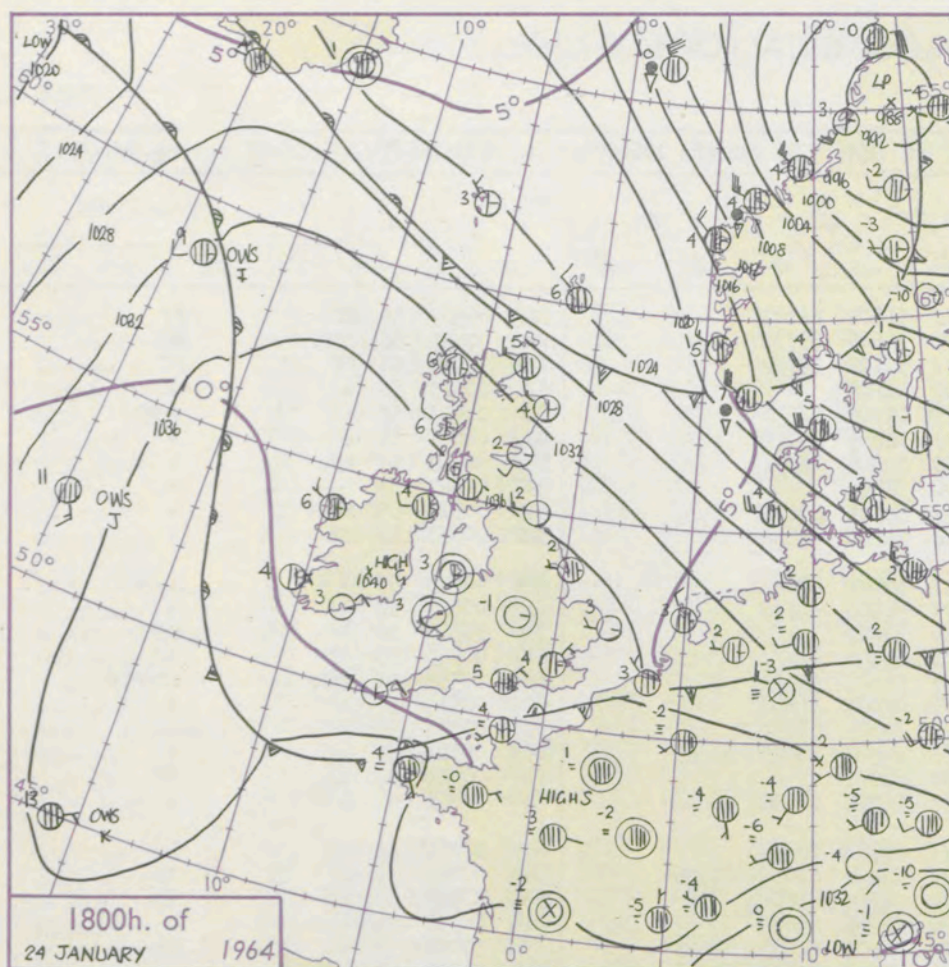
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday

Saturday 25 January

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

An anticyclone has been moving slowly southeast across southern Ireland with minor troughs affecting northern Scotland. The anticyclone is expected to continue to drift south to near Paris by tomorrow with a westerly airstream gradually affecting all the British Isles.

Northern districts will be mild and rather cloudy with occasional showers but there will be good clearances in the east at night with slight frost. In the south it will be dry with sunny periods and temperatures near normal. Skies will clear at night with frost and fog forming in many areas especially the extreme south.

OUTLOOK for the following 24 hours.
Rather similar.

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

OBSERVATIONS at 00h. 25 January 1964										OBSERVATIONS at 06h. 25 January 1964										OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	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	iii	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	iii	RRT _n T _n E	T _g T _g	WEATHER			
																						21h.—03h.	03h.—09h.		
Kew	775			00						775	92004	01454	39450	91111	51801	89102				775	00523	55	Ff	Ff	40
London Airport	772	90000	F2474	39552	91111	52106	89111			772	90000	F7454	39653	91111	54500	89111				772	00553	56	ffFF	FF	39
Gatwick	776	90000	F5494	39551	91111	51210	89102			776	90000	F6494	39652	91111	52102	89102				776	97543	54	FF	FF	38
Thorney Island	871	70101	14104	39503	75411	02209	82618	87650		871	00102	26101	39701	00900	01202				871	00513	56	+	+	37	
Hurn	862	73605	24101	39403	75511	02208	87628			862	43401	21101	39701	45611	01003	84630			862	00523	55	+	ffFF	36	
Guernsey	894	61707	50052	39003	66300	02207	86706			894	81703	48052	40103	86311	02205	87706			894	00021	51	+	+	35	
Wattisham	590	02507	01484	38354	00900	54702				590	42609	22104	37452	45600	52806	84631			590	00543	57	FF	+	34	
Gorleston	497	02706	32101	37101	00900	00801				497	02608	40050	36651	00900	51704				497	00523	53	+	+	33	
Mildenhall	578	02307	F9464	38151	00900	51801				578	82308	23054	37550	85611	52504	88636			578	00523	55	FFff	+	32	
Cardington	559	02603	14284	39252	00900	52204				559	12407	17100	39053	15600	54502	81630			559	00553	59	ff	+	31	
West Raynham	485	02809	19101	37351	00900	52400				485	82710	37031	36750	85611	52701	88635			485	00523	55	+	+	30	
Wittering	462	02610	17041	38851	00900	53103				462	82408	28041	38100	85511	51504	88628			462	00523	57	+	+	29	
Boscombe Down	746	70000	40102	39501	75611	01006	87630			746	00000	17101	39550	00900	51002				746	97531	56	+	ffFF	28	
Ross-on-Wye										627	92102	02454	39753	91111	53400	89111			627	00543	55	ff	ff	27	
Bristol	628	90000	F2454	39955	91111	55104	89100			628	90000	F4454	39753	91111	53502	89100			628	00553	56	ffFF	ffFFff	26	
Aberporth	502	00000	62020	39800	00900	00005				502	61904	62030	40001	65600	01002	86640			502	00513	58	+	+	25	
Rhoose (Cardiff)	715	20305	23101	39951	25600	52107	82640			715	70000	48041	39901	75611	50303	87633			715	00513	55	+	+	24	
Plymouth	827	40000	28040	39203	45600	02106	84640			827	73206	56041	39703	75511	02305	83625	87643		827	00021	51	+	+	23	
Chivenor	707	00000	17400	39851	00900	51208				707	00000	19100	39952	00900	52201				707	00533	57	ff	if	22	
St. Mawgan	817	00909	62020	39401	00900	51210				817	80806	48031	39702	85611	01204	88634			817	00001	52	+	+	21	
Culdrose	809	10705	56101	38702	15500	01209	81628			809	80606	19102	38904	85511	04103	88630			809	97011	51	+	+	20	
Scilly	804	60904	74031	38907	68400	04208	84815	86625		804	70811	64022	38907	78411	05202	82810	87625		804	97061	11	+	id _o	19	
Elmdon	534	02703	11044	39300	00900	53001				534	12505	48041	38951	15600	52505	81640			534	97523	57	ff	+	18	
Shawbury	414	72608	58031	39601	75611	51103	87635			414	52512	58031	38551	55600	52706	85634			414	00533	54	+	+	17	
Manchester	334	82403	26042	38601	85611	51102	88633			334	82406	58026	37303	85511	51605	81625	88645		334	97001	50	+	ir _o	16	
Squires Gate	318	82712	74581	38104	85511	02400	82626	88636		318	73010	80026	36805	75511	01707	82625	87636		318	97041	03	d _o r _o	r _o -r _o	15	
Valley	302	71901	69021	39703	75611	01003	87637			302	72812	69022	38805	75611	02704	87630			302	00011	02	+	+	14	
Ronaldsway	204	73011	82606	38506	75611	02000	87640			204	82811	84026	37605	88511	01607	81825	88635		204	97051	03	ir _o	pr _o	13	
Carlisle	222	72408	69026	37104	65541	02201	85628	84640		222	82707	66032	36104	85511	02704	84626	88640		222	97031	01	+	ir _o	12	
Watnall	354	12903	19044	38651	15600	53000	81640			354	02905	48021	37651	00900	51704				354	00513	56	+	+	11	
Spurn Head	396	03012	20041	37001	00900	51202				396	33619	48031	35302	35500	51501	83630			396	00013	11	+	+	10	
Finningley	360	02608	28044	37501	00900	53400				360	02807	28040	36601	00900	51630				360	00503	56	+	+	9	
Dishforth	261	12710	64020	36802	15700	50400	81650			261	02709	66020	35801	00900	51605				261	97513	55	+	ir _o	8	
Tynemouth	262	02715	61020	35102	00900	50400				262	42712	66021	34903	00906	00400	84275			262	00021	51	+	+	7	
Eskdalemuir	162	13007	70021	36002	15500	51000	81622			162	72302	64515	35303	75411	01506	87618			162	91011	53	+	id _o d _o d _o id _o	6	
Mull of Galloway	131	72914	74028	28205	78511	02205	83820	86630		131	82716	78032	37105	86511	02708	88720			131	00041	11	1	1	5	
Prestwick	135	42610	74258	36405	45600	03103	81630	83637		135	82610	74038	34705	85411	04809	81718	88634		135	97051	01	pr _o	pr _o ir _o	4	
Renfrew	141	72706	62031	36104	75611	02204	87630			141	52808	74251	34605	58511	03607	83821	84626		141	97031	51	+	pr _o	3	
Leuchars	171	02211	74020	33801	00900	51203				171	12508	70020	32201	00901	51711	81075									

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

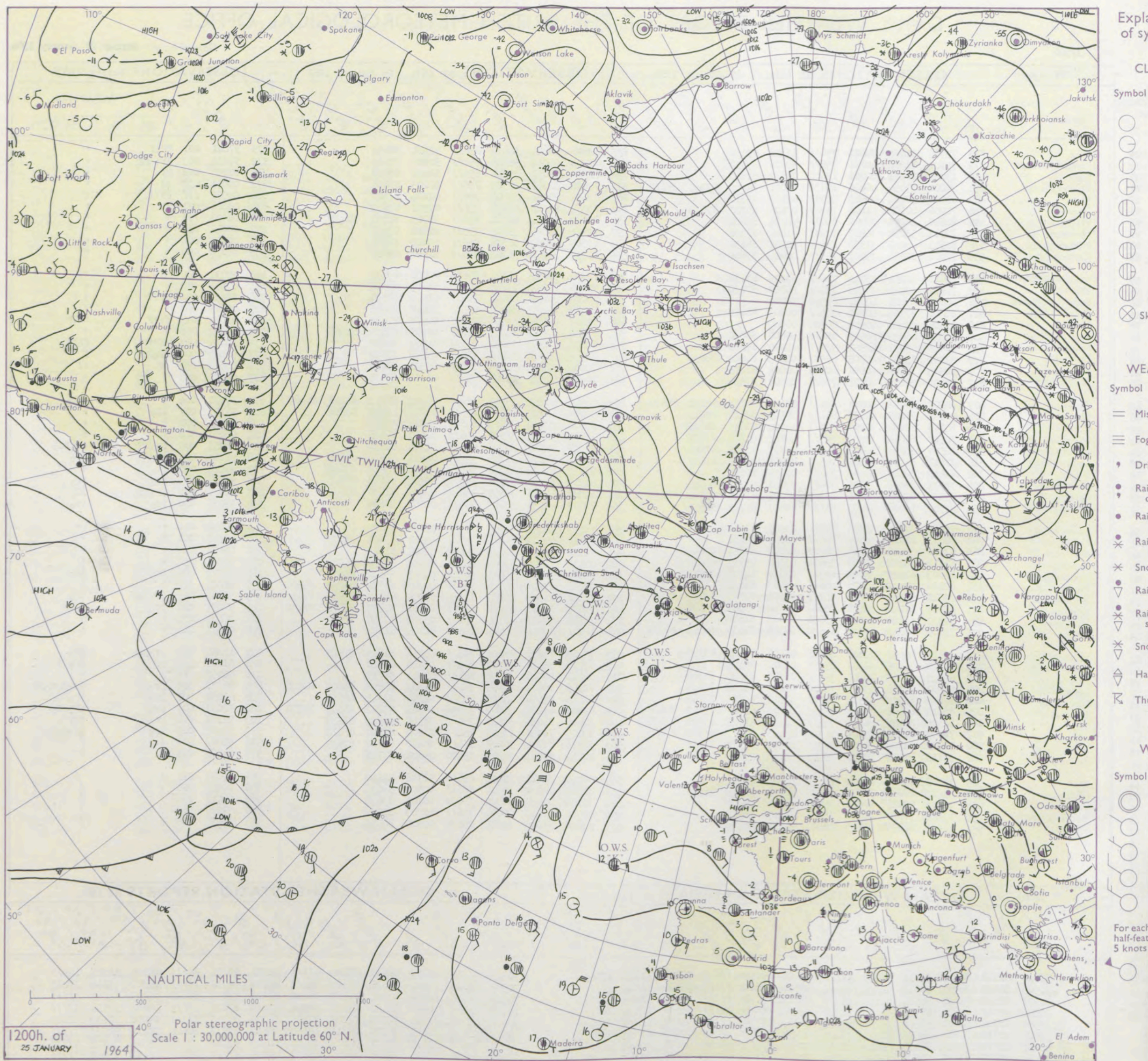
No. 37320

Date of Issue Sunday 26 January 1964

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Code FM 11.A		OBSERVATIONS at 12h. 25 January 1964										OBSERVATIONS at 18h. 25 January 1964										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 E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Kew	775	72305	09424	39601	75611	53706	87630			775	82806	58024	38604	85611	52301	88632			775	97041	001	FFff	+			
London Airport	772	72502	11287	40051	75611	52805	87630			772	72904	56012	38803	75611	50303	87640			772	97031	003	FF1sff	+			
Gatwick	776	13201	12281	40001	15601	01802	81640			776	82806	59051	39101	85511	50202	88629			776	00051	049	Ff	+			
Thorney Island	871	70000	17054	40405	15639	02001	81645	83365	86178	871	73402	32051	39503	75611	50203	87636			871	00061	037	1f	+			
Hurn	862	60000	30284	40803	50931	02102	85360			862	73604	28051	39603	75611	01104	87640			862	00071	111	FFff	+			
Guernsey	894	71906	40102	41404	75211	03106	85703	87615		894	73007	64022	39905	75611	03501	87640			894	00061	001	+	+			
Wattisham	590	82510	32041	38001	85611	50804	88635			590	82612	26052	36701	85611	50703	84631	88635			590	00021	111	+	+		
Gorleston	497	72511	33052	36903	70971	01804	87358			497	72511	40052	35703	75511	01502	87620			497	00041	012	+	+			
Mildenhall	578	82911	48052	37502	85611	50708	88630			578	82509	32052	36502	85611	00400	88632			578	00031	000	+	+			
Cardington	559	72406	32052	39201	75611	00804	87640			559	82309	56052	38102	85611	51501	88637			559	00031	000	+	+			
West Raynham	485	72611	32052	37002	75611	00805	87630			485	72710	37052	36102	75611	00001	87635			485	00031	000	+	+			
Wittering	462	72511	32042	38402	75611	50803	87630			462	82608	23042	37203	85511	51604	88628			462	00031	000	+	+			
Boscombe Down	746	00000	F9444	40751	00900	52000				746	70000	32054	39601	75611	51501	87634			746	97031	014	FFff	+			
Ross-on-Wye	627	80000	17104	40201	85511	00803	88625			627	52403	70022	38904	55511	51602	85625			627	00041	005	+	+			
Bristol	628	02604	09424	40902	00900	00000				628	72403	09424	39401	75611	01502	87635			628	00031	013	ffFF	ff1F			
Aberporth	502	81910	66032	40403	85611	50004	88640			502	62604	80012	39303	45641	01501	84630	83367			502	00051	001	+	+		
Rhoose (Cardiff)	715	90000	F9431	40901	91111	01009	89100			715	90000	F9474	39602	91111	02503	89100			715	00031	000	1fFF	FFff			
Plymouth	827	83202	15502	40705	85511	04003	84620	88635		827	70305	23045	39806	75611	03500	87630			827	97061	000	1d0ff	f			
Chivenor	707	10905	12284	40901	00901	01004	81075			707	70000	07461	39903	75511	02501	87628			707	00051	031	FF	ff			
St. Mawgan	817	70405	56052	40705	75611	02001	87634			817	70404	61032	39905	75611	03602	87635			817	00071	000	+	+			
Culdrose	809	70904	56052	40606	78411	03109	83715	84820	85630	809	82503	60052	39607	65471	05703	86613	86358	88460	809	97071	004	+	id0			
Scilly	804	80909	61205	40407	88411	06105	82812	88615		804	52205	61011	39506	25530	04605	82623	84358			804	91101	027	id0	+		
Elmdon	534	82707	12041	39203	85511	51002	81625	88635		534	82906	20042	38103	85611	51501	88634			534	00041	000	+	+			
Shawbury	414	72510	69012	39203	78511	50802	81828	87635		414	72708	74022	37903	75611	51501	87635			414	00051	000	+	+			
Manchester	334	72507	58026	37804	75511	02802	81625	87640		334	73009	32216	36904	75611	01104	87630			334	91051	000	ir0	ir0id0			
Squires Gate	318	72811	66152	37506	78511	03002	82820	87635		318	72912	48258	36705	78411	04601	82815	86625			318	97061	005	pro	pro		
Valley	302	72612	82022	39205	75611	02101	87640			302	72709	82026	38306	78511	03702	83628	87640			302	97061	000	ir0	+		
Ronaldsway	204	72911	86028	39705	78411	03801	81714	86823		204	82809	61251	37306	88411	05302	86813	88625			204	92081	015	pro	pro		
Carlisle	222	82511	62036	36205	85411	03000	81715	83624	88628	222	42407	66016	35604	15641	04000	81630	83075			222	92081	000	ir0id0	id0		
Watnall	354	82702	19028	38203	85411	00807	81712	88630		354	72809	40035	37203	75511	01002	87624			354	97031	000	ps0	id0			
Spurn Head	396	72816	32051	35804	70971	01607	87360			396	73012	24042	34704	75511	02400	87625			396	00050	001	+	+			
Finningley	360	72611	48045	36905	75611	02807	87640			360	72810	48042	36005	75511	02301	83626	87635			360	00061	001	d0	+		
Dishforth	261	62710	59046	35506	38602	02808	81830	83640		261	22509	74011	34805	15602	02002	81645			261	00071	016	+	+			
Tynemouth	262	62712	58022	34905	35601	03302	83635	83070		262	62714	61022	33605	20945	04001	82358	86075			262	00061	037	+	+		
Eskdalemuir	162	82803	62505	35704	85311	03202	84708	88620		162	72002	70035	35005	58442	03303	85816	83071			162	97071	006	id0	id0		
Mull of Galloway	131	42910	81012	37706	45611	03203	84630			131	73218	63022	36706	55431	04703	33712	85630	85360			131	00071	111	/	/	
Prestwick	135	72511	58586	35507	75311	06004	82707	83712	86628	135	72310	64606	34807	75411	06702	81710	83615	87632			135	91081	010	ir0id0	ir0	
Renfrew	141	62807	58048	34908	35501	05004	83628	85070		141	82607	58588	34108	85311	06701	82709	86616	87630			141	97091	028	pro	doRo	
Leuchars	171	72510	85021	33006	15631	02003	81640	87075		171	72310	80031	32305	75611	03304	87640			171							

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

y obscured

ATHER
Weather

zzle

h and
rizzle

h and snow

h shower

h and snow
hower

w shower

hower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

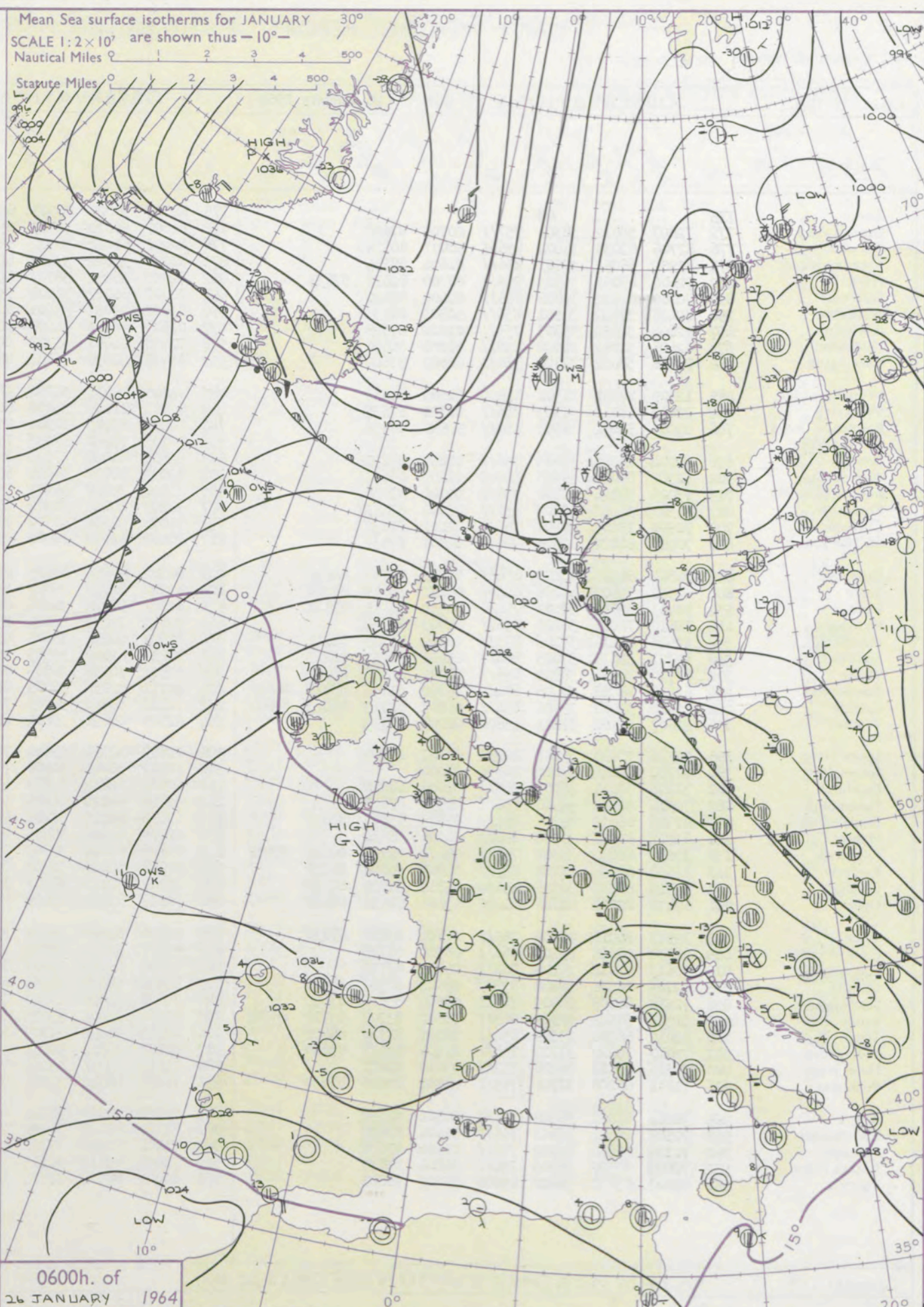
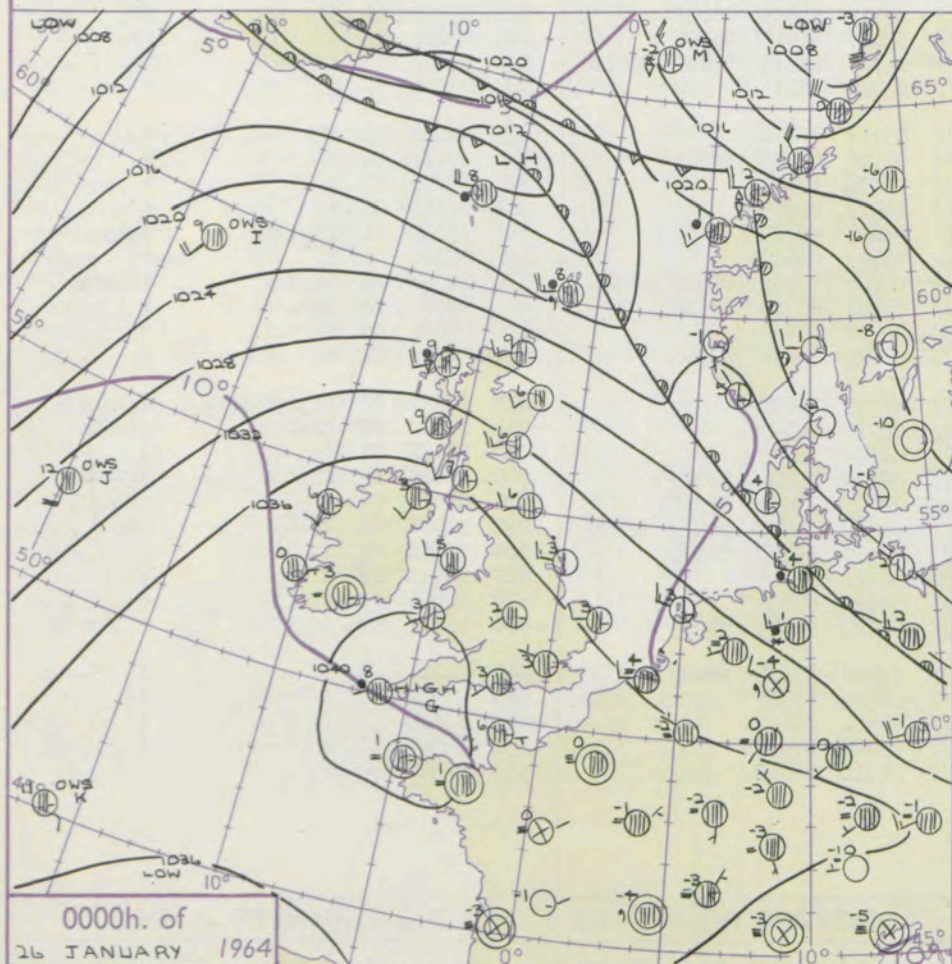
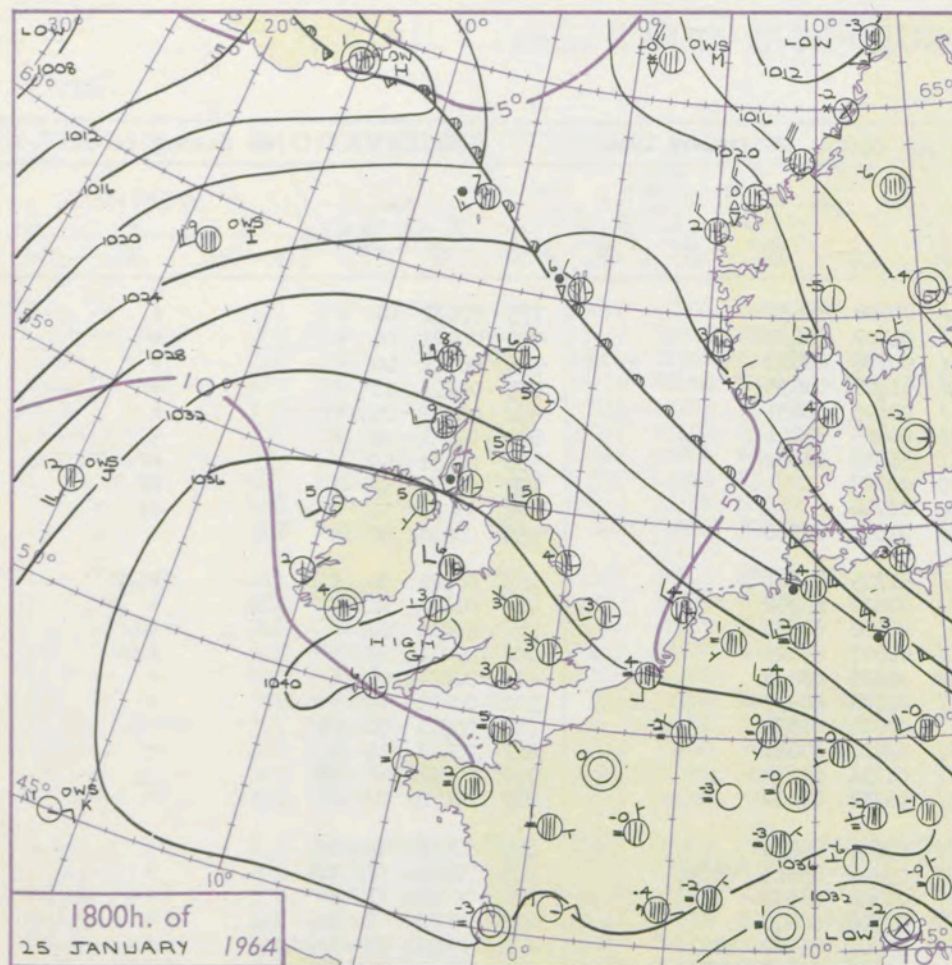
3-7

8-12

13-17

additional
her add

48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 26 January 1964

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

An anticyclone has been slow moving near southwest England with a moist westerly airstream over much of the British Isles. The anticyclone is expected to remain slow moving and to weaken a little while a weak frontal trough moves across Scotland from the west.

The weather will be generally cloudy, although there may be some breaks to the lee of the Pennines. Outbreaks of rain will occur over Scotland and Northern Ireland, chiefly in the north. It will be mild in the north but temperatures will be about normal in the south.

OUTLOOK for following 24 hours

Brighter and showery in the north, cloudy in the south. Temperatures about normal.

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

Code FM 11.A										OBSERVATIONS at 00h.										26 January 1964										OBSERVATIONS at 06h.										26 January 1964										OBSERVATIONS during NIGHT										CONVE TAB °C to																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 17321

Date of Issue Monday 27 January 1964

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LE
°F

Code FM II.A

OBSERVATIONS at 12h. 26 January 1964

OBSERVATIONS at 18h. 26 January 1964

OBSERVATIONS during DAY

Station

iii

Nddff

VVwwwW

PPPTT

N_hL_hC_MH

T_dT_dapp

8N_sCh_sh_s

8N_sCh_sh_s

8N_sCh_sh_s

iii

Nddff

VVwwwW

PPPTT

N_hL_hC_MH

T_dT_dapp

8N_sCh_sh_s

8N_sCh_sh_s

8N_sCh_sh_s

iii

ART x x E

SSS

09h.—15h.

15h.—21h.

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51708

88631

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102

London Airport

772

82606

58022

36504

85611

02000

81635

88640

772

82906

59022

33506

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50610

88640

772

00061

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Gatwick

776

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57022

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99

Thorney Island

871

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Guernsey

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Wattisham

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35103

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03806

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72608

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91

Gorleston

497

92312

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03803

89101

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72609

58054

31105

75611

04713

87630

497

97061

001

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90

Mildenhall

578

72408

40054

34705

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31804

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87638

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88

Cardington

559

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86

West Raynham

485

72510

13284

34004

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04803

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485

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Wittering

462

72712

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82

Boscombe Down

746

82805

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81

Ross-on-Wye

627

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Bristol

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Aberporth

502

72710

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36505

78511

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73009

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Rhose (Cardiff)

715

72002

74022

37105

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73

Plymouth

827

70702

19042

38006

75611

04808

82630

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32705

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72

Chivenor

707

70905

56022

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75611

02714

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73111

82031

34605

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87625

707

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70

St. Mawgan

817

72408

69802

38107

78511

04805

84825

87637

817

63405

69018

34805

65600

04712

86640

817

97081

001

pr_o

+

68

Culdrose

809

82506

62052

39508

85611

05500

88630

809

72903

37055

35207

75411

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81716

83635

87640

809

97081

002

+

d_o

66

Scilly

804

83108

59606

38408

58471

07802

82812

85622

88458

804

60000

79626

35307

65411

07711

84612

86645

804

08082

000

r_or_orr

rrr_or_o

64

Elmdon

534

82708

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35805

85611

50705

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82607

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85511

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534

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Shawbury

414

72810

74022

35706

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01807

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414

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414

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Manchester

334

72710

58026

34905

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87635

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02802

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00900

01708

334

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59

Squires Gate

318

42712

59258

34805

48400

02804

81816

84635

318

12807

56021

31504

15600

03712

81635

318

97071

023

pr_o

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57

Valley

302

32306

80011

35406

28530

02806

81822

302

72710

80021

32806

75411

05607

83618

87633

302

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55

Ronaldsway

204

12413

89011

34607

18400

02807

81817

204

72804

83028

31706

78411

04611

82818

87628

204

97071

045

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54

Carlisle

222

22513

82021

33007

18441

02807

81818

222

72208

59031

30705

75311

04609

86706

86628

222

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52

Watnall

354

32707

48041

34505

35600

03808

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354

42605

14041

31702

45600

50713

84630

354

00061

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Spurn Head

396

82914

40032

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85511

03601

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396

12715

32011

30103

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48

Finningley

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83825

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Dishforth

261

32914

80030

32708

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03805

81822

83075

261

12608

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29604

15702

01612

81656

261

00081

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45

Tynemouth

262

52715

58021

30907

50940

03602

85358

262

62719

61022

28305

60971

04301

86360

262

00071

045

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43

Eskdalemuir

162

52605

70031

32007

38442

02803

81818

83070

162

72703

66012

29705

78411

03608

82714

85818

162

00071

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41

Mull of Galloway

131

22712

82030

34506

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73213

82022

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Prestwick

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72511

74022

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Renfrew

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Leuchars

171

72215

82031

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Wick

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Cape Wrath

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32104

22708

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88708

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Sule Skerry

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Lerwick

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25

Stornoway

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23

Benbecula

022

82322

56505

28309

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09805

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66025

26109

85411

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88630

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Tiree

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75411

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87628

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19

Aldergrove

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71908

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01703

81712

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86625

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75611

02716

87635

917

97051

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pr_o1r_o

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18

Malin Head

980

72612

82205

33307

75411

05804

81715

87628

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83022

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16

Belmullet

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84720

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32703

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85640

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12

Collinstown

969

22612

74041

35804

25500

00706

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32206

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32704

35600

01610

83630

969

00071

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10

Rineanna

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80018

36503

65711

01708

86650

962

71306

80032

32706

78611

04613

83830

87645

962

97071

021

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9

Roches Point

952

70000

80022

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75611

03805

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74032

33406

75611

04714

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7

Valentia

953

71311

83258

36308

78511

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81821

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88511

05714

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88640

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Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.

YQL_aL_aL_a

L_oL_oL_oGG

Nddff

VVwwwW

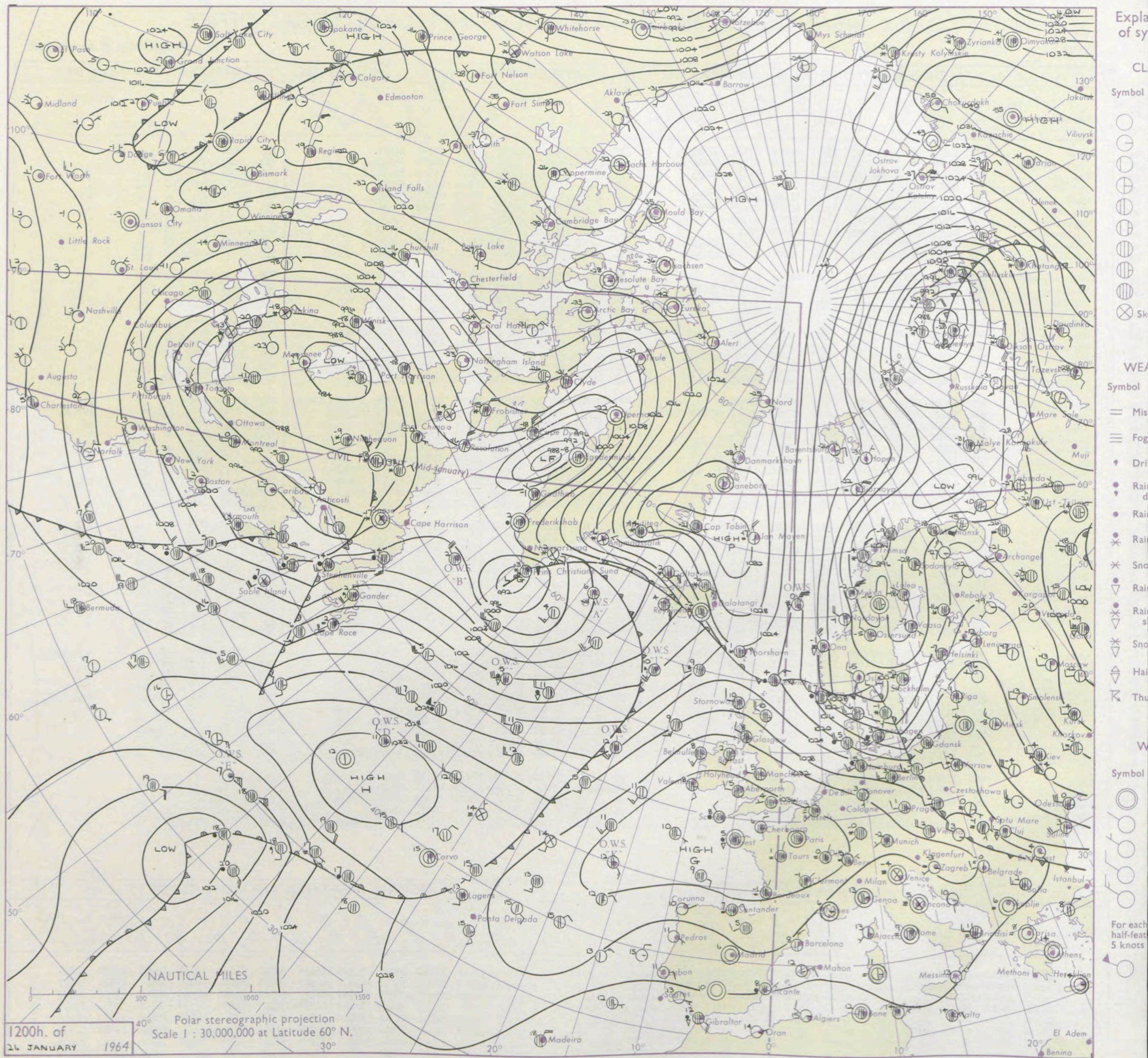
PPPTT

N_hL<

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

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

ation
mbols

LOUD
Cloud
Amount
(oktas)

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

ATHER
Weather

izzle
and
drizzle

and snow

shower

and snow
lower

w shower

shower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

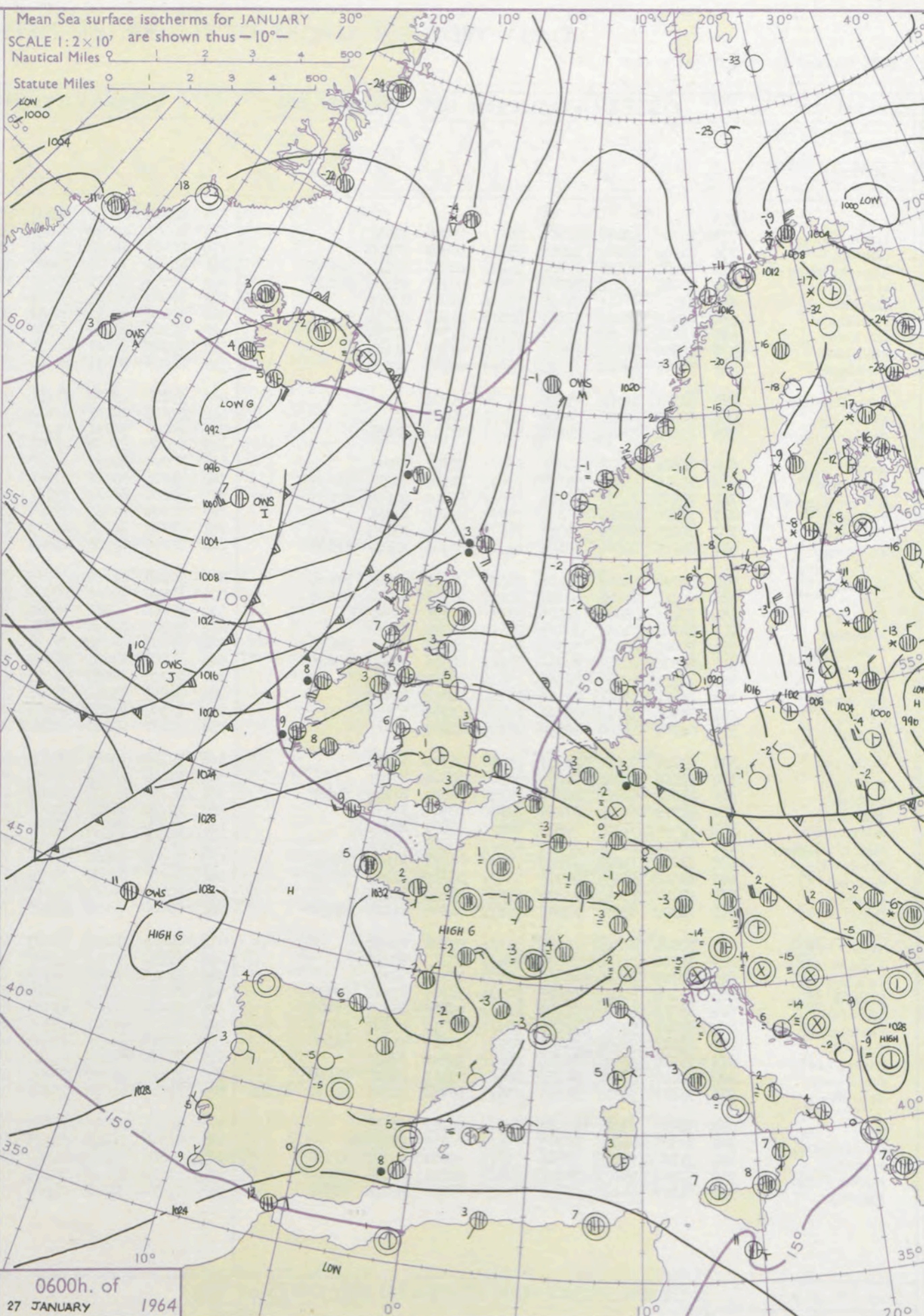
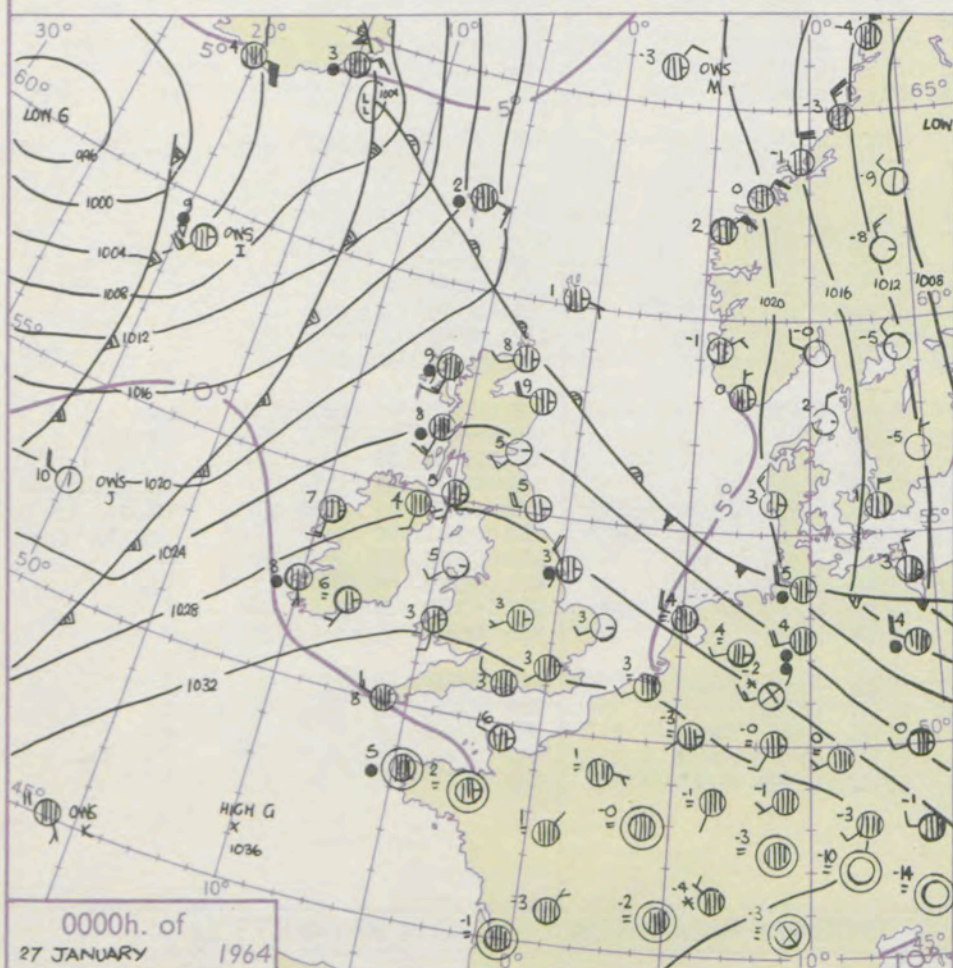
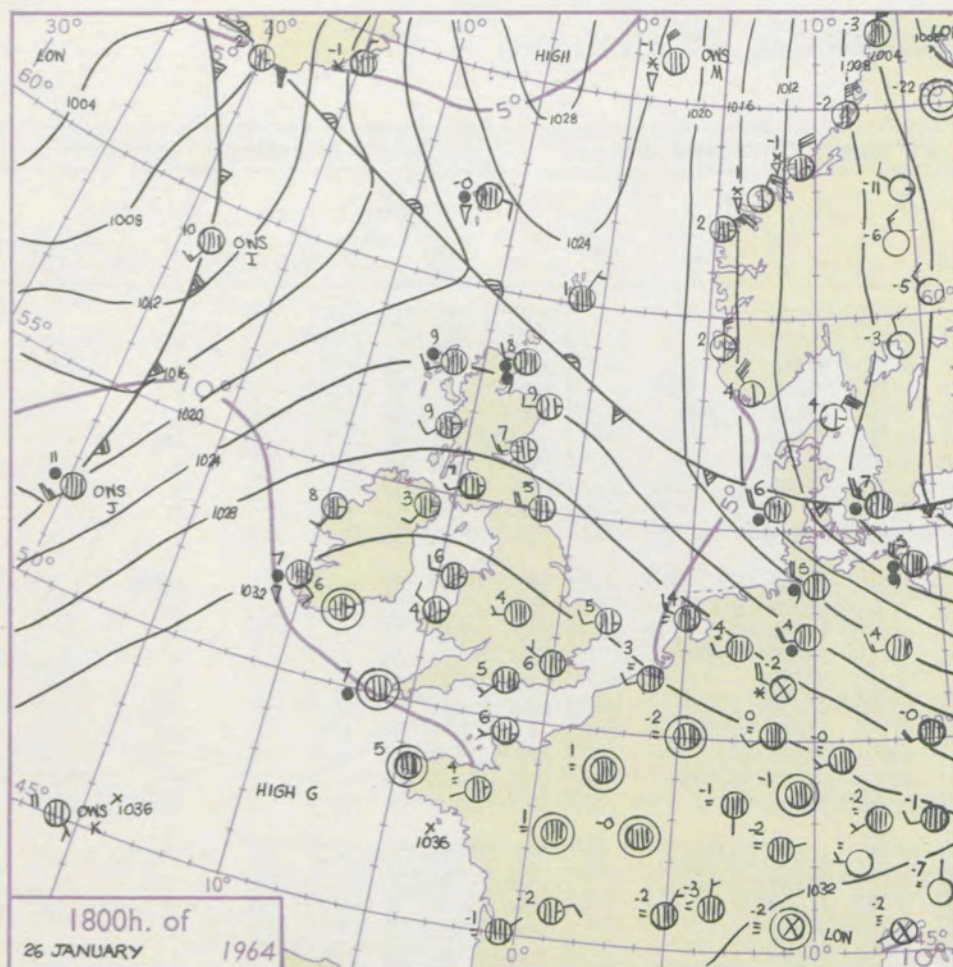
3-7

8-12

13-17

additional
her add

48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 27 January

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The anticyclone south of Britain has weakened slowly and a cold front has moved east across the North Atlantic. A rapidly deepening wave on a slow moving warm front from Iceland to eastern Europe moved south eastwards from southern Scandinavia into western Russia. A depression, moving on an easterly track just south of Iceland, shows signs of turning southeast. The cold front is expected to cross the British Isles and the depression to the northwest will approach Scotland.

It will become rather colder in the northwest but elsewhere temperatures will be about normal. Occasional rain over western districts will move eastwards across most of Britain, followed by showers. In Scotland, however, the rain will be heavier and more persistent than in the south. Winds will freshen from the south and later veer to westerly.

OUTLOOK for the following 24 hours.

Rain or showers in many districts, particularly the north, but also bright intervals. Temperatures near normal except Scotland where it will be rather cold.

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

Code FM II.A										OBSERVATIONS at 00h. 27 January 1964										OBSERVATIONS at 06h. 27 January 1964										OBSERVATIONS during NIGHT					CONV TA °C
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 _n T _n E	T _g T _g	WEATHER													
																						21h.—03h.	03h.—09h.												
Kew	775			05						775	82601	62022	28904	85511	00712	88626				775	00031	52	+	+	40										
London Airport	772	82301	48022	31703	85611	01608	88640			772	82603	66032	28803	85611	00715	88632				772	00021	52	+	+	39										
Gatwick	776	82102	61022	32002	85611	00809	88632			776	80000	61022	29002	85611	01713	88632				776	00011	01	+	+	38										
Thorney Island	871	80401	40052	31804	85411	02715	83618	88636		871	83505	74022	29404	85611	51716	88636				871	00021	51	+	+	37										
Hurn	862	83008	62032	32203	85511	00707	85628	88635		862	52502	69012	29501	25630	50719	82630	83358		862	00001	54	+	+	36											
Guernsey	894	33506	81011	34105	00901	03607	83075			894	70000	82021	30804	75611	02717	87644				894	97031	51	+	ir _o	35										
Wattisham	590	82405	48032	31201	85611	01505	88635			590	52406	32051	28452	55600	53809	85630				590	00523	56	+	+	34										
Gorleston	497	12410	56052	30003	10970	01708	81360			497	72408	48051	27800	70971	51714	87358				497	00513	52	+	+	33										
Mildenhall	578	12306	50021	30601	15600	51705	81640			578	02305	56011	28151	00900	52609				578	00513	54	+	ff	32											
Cardington	559	72505	58012	31402	75611	00707	87637			559	72306	58011	28301	75411	00714	87614				559	00511	55	+	+	31										
West Raynham	485	02312	32041	29950	00900	51808				485	52408	19101	27451	56311	52712	85707				485	00523	57	+	ffff	30										
Wittering	462	02407	56021	30800	00900	52806				462	62806	19101	27801	75111	01713	83702	85630		462	00511	55	+	+	29											
Boscombe Down	746	83102	59022	32102	85611	01706	88630			746	20000	56051	29400	15630	51715	81630				746	00511	56	+	+	28										
Ross-on-Wye										627	62005	77022	28850	35601	51615	83630	83077		627	00513	56	+	+	27											
Bristol	628	82606	66022	32003	85611	00707	88635			628	70000	62012	29002	75611	51723	87635				628	00011	53	+	if	26										
Aberporth	502	71810	83032	31803	35631	01712	83635	87359		502	71811	83022	27604	45631	03725	84635	87659		502	91011	51	+	ir _o	25											
Rhoose (Cardiff)	715	73403	74031	32600	75611	51810	81640	87657		715	80000	80012	29302	85511	01719	81625	88650		715	97511	54	+	pr _o	24											
Plymouth	827	70000	48041	33603	75611	02709	87647			827	70000	59212	29903	75511	03721	83626	87650		827	91021	01	+	ir _o ir	23											
Chivenor	707	70902	66021	33003	75611	01710	87635			707	70907	74022	29303	78411	02720	81815	87635		707	93021	53	+	pr _o	22											
St. Mawgan	817	81705	69602	33604	45571	03705	84627	88459		817	72107	66026	29506	75611	05720	87632			817	91021	01	ir _o	irph _o r _o	21											
Culdrose	809	82702	64052	33406	88511	06711	81820	88650		809	72904	66028	29707	78411	06719	81712	87635		809	95051	01	ir _o	pr _o id _o	20											
Scilly	804	82914	81026	33408	88411	06714	82812	88636		804	72616	79022	29809	75411	06716	83617	87632		804	02071	11	ir	+	19											
Elmdon	534	72405	35042	31203	75511	00808	87622			534	32604	48012	28401	30940	50715	83368			534	00511	56	+	+	18											
Shawbury	414	72709	74022	30803	75611	02709	87630			414	62405	74031	27851	65611	52820	86632			414	00533	56	+	+	17											
Manchester	334	80000	24208	30502	85411	01707	87610	88614		334	11906	56045	27101	00901	00721	81075			334	97501	51	pr _o id _o	+	16											
Squires Gate	318	82908	70218	30006	85511	04706	84623	88628		318	31908	83031	26601	10932	01720	81362	83075		318	97501	52	pr _o	+	15											
Valley	302	12311	80011	30505	15600	03713	81645			302	71716	80021	26006	75611	05726	87640			302	91051	01	+	ir	14											
Ronaldsway	204	12311	83011	29505	18500	02812	81822			204	72213	83021	24907	75611	01726	87637			204	00031	52	+	+	13											
Carlisle	222	72305	61012	29305	75611	03705	87633			222	71906	66012	25603	65631	02723	86633			222	00031	00	+	+	12											
Watnall	354	02707	11100	30550	00900	51607				354	22602	09444	27601	25500	01611	82627			354	00503	56	if	ff	11											
Spurn Head	396	43220	32030	29703	45600	01704	84630			396	72710	16045	26603	75511	02710	87625			396	97010	11	id _o	+	10											
Finningley	360	52108	17041	29651	56300	52706	85709			360	12104	28101	26851	00901	52711	81075			360	00523	55	+	+	9											
Dishforth	261	41602	62011	28701	15732	00704	81656	84362		261	11705	61030	25951	15641	52716	81630			261	00511	54	+	ff	8											
Tynemouth	262	52719	66021	27405	50970	03400	85358			262	22708	66021																							

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37322

Date of Issue Tuesday 28 January 1964

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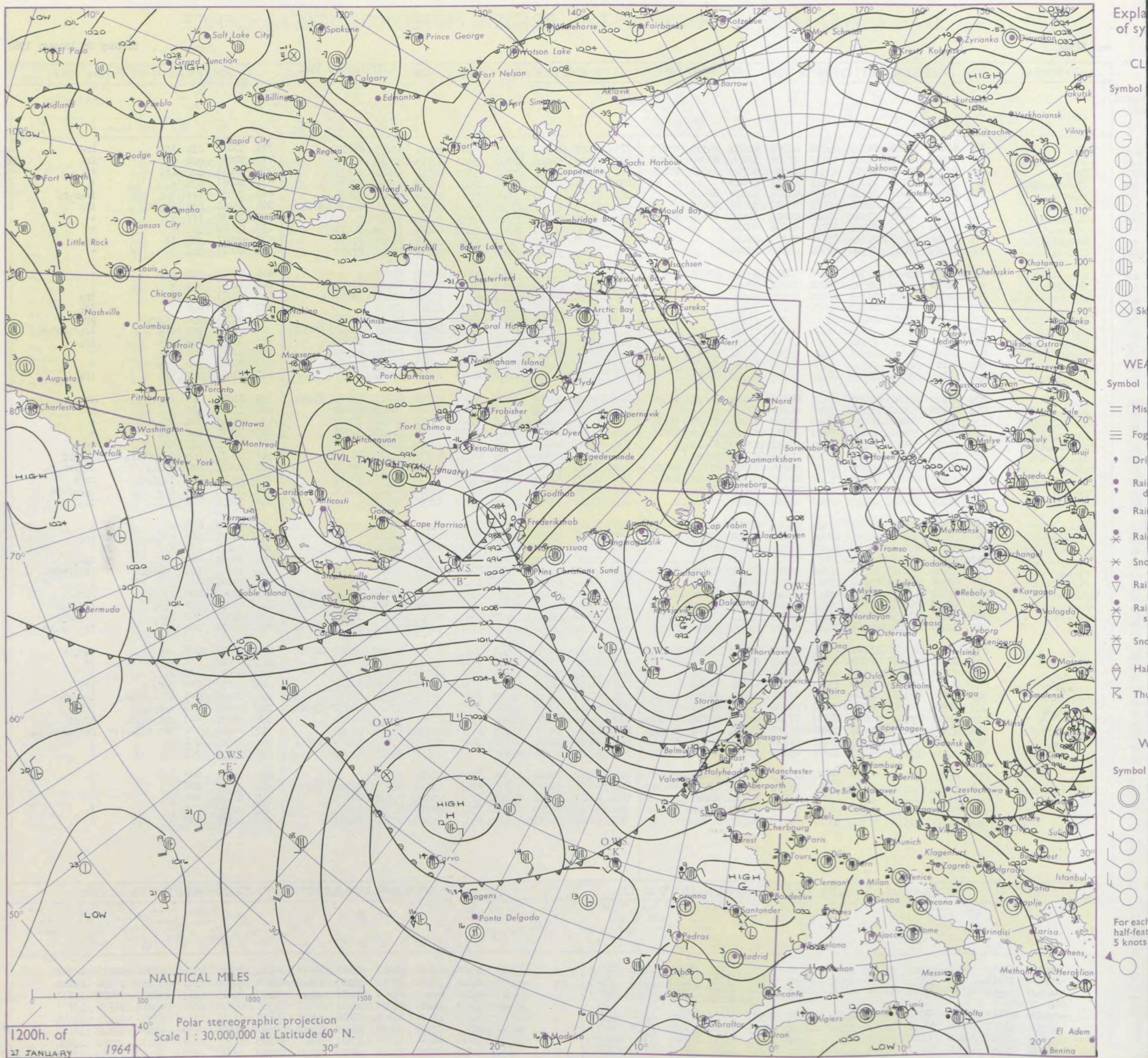
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Code FM II.A		OBSERVATIONS at 12h. 27 January 1964										OBSERVATIONS at 18h. 27 January 1964										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwwW	PPPTT	N _h LCh _M Ch _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h LCh _M 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.			
Kew	775	62604	57216	28305	25678	01804	82635	84359	85275	775	72107	19052	24505	35576	02612	83625	87075		775	97071	024	ir _o	ir _o			
London Airport	772	62504	60012	28206	15671	03708	81635	83360	85362	772	72005	58012	24705	25601	02713	82630	86075		772	97081	028	+	ir _o			
Gatwick	776	82301	50602	28704	85211	02804	82705	84620	88630	776	62102	40046	25202	15605	01516	81640	86075		776	97071	022	ir _o	+			
Thorney Island	871	72801	56052	29005	75611	02807	87645			871	82201	58051	25405	88411	04713	83818	88638		871	00081	035	+	+			
Hurn	862	72105	58012	28706	75611	01809	83630	86640		862	72305	37216	25006	75511	05716	86625	87635		862	97081	111	+	ir _o ro _o ro			
Guernsey	894	62407	78016	29808	65411	05807	82618	86645		894	72203	82028	27106	78411	05607	81810	84635	87650	894	93101	008	pr _o ir _o	ir _o			
Wattisham	590	72307	30052	27902	75408	00804	82612	86635	87270	590	61708	23052	24501	65600	50714	86640			590	00031	111	+	+			
Gorleston	497	82408	40052	27102	85711	01806	88650			497	51908	40052	24902	35605	01606	83630	84275		497	00040	001	+	+			
Mildenhall	578	82206	32054	27103	85611	01809	88635			578	71708	28052	23703	10938	01614	81360	87270		578	00071	004	ff	+			
Cardington	559	72104	50012	27506	00902	02808	87068			559	72009	59022	23703	25608	02617	82645	87270		559	00071	024	+	+			
West Raynham	485	72110	05424	27301	75011	01805	86701	87630		485	71809	10102	23001	00901	00707	87075			485	00033	002	FFff	+			
Wittering	462	72407	56042	26905	00902	02808	87072			462	72008	62032	22603	45602	02718	84640	87072		462	00071	049	+	+			
Boscombe Down	746	62304	56021	28205	65602	02810	86635			746	82105	58216	24205	85511	04714	84620	88637		746	97071	019	+	ir _o			
Ross-on-Wye	627	51906	60021	26406	35601	03814	83630			627	72106	57216	22406	75618	05717	87630			627	97071	026	+	ir _o			
Bristol	628	72602	15284	27406	75611	02712	87635			628	82107	40258	23507	88511	05718	82825	88635		628	91071	000	ifpr _o	pr _o			
Aberporth	502	71912	69038	25507	58476	06811	81818	85650	85275	502	72015	62012	20207	38431	06626	81818	83640	86360	502	01091	002	pr _o	ir _o ro _o ro _o do			
Rhoose (Cardiff)	715	71306	58258	27504	78511	03712	82825	87635		715	72411	64018	22906	68511	05723	81820	86640		715	93071	001	pr _o	ir _o			
Plymouth	827	70000	14048	28907	78411	05706	81714	87635		827	52312	58012	24908	25630	06718	82640	84359		827	97091	000	pr _o	+			
Chivenor	707	71105	58808	27906	68531	05708	82820	86635		707	72011	74028	23607	68531	05717	81820	85640		707	96091	004	pr _o	+			
St. Mawgan	817	82209	66158	28507	88411	06807	83618	87645		817	71911	74031	24307	75711	03719	87656			817	01091	007	jp	ir _o			
Culdrose	809	82809	66026	28708	48471	06806	81815	84635	86359	809	62310	69012	24908	68411	05719	81815	85628	86640	809	97091	013	id _o do _o ro	ir _o			
Scilly	804	72618	82022	28610	75711	04706	87650			804	72416	81022	24409	75511	06720	84625	87640		804	00111	010	+	+			
Elmdon	534	72107	58042	26805	68446	01709	81818	83630	86635	534	71910	37028	22305	65616	05720	86640	87270		534	97061	014	pr _o	+			
Shawbury	414	72006	57601	25604	65472	03813	81615	83620	86625	414	71710	61026	19907	15672	04726	81635	86072		414	97071	018	ir _o	+			
Manchester	334	72010	59031	24705	55701	01811	85650	87075		334	81812	48046	19306	85511	04724	88627			334	97061	025	ir _o	ir _o			
Squires Gate	318	81712	10626	23605	85311	04818	87708	88620		318	82015	28046	17507	85311	06731	83707	88615		318	01071	006	do _o ro _o ir _o ir _o	ro _o ro _o rr			
Valley	302	81917	61026	22809	85211	08816	85705	87707	88620	302	82025	59606	16909	85211	08733	87705	88618		302	02091	000	ir _o id _o	ir _o rrro _o ro			
Ronaldsway	204	72215	66026	21608	75311	07819	81707	83712	87645	204	82225	50596	14008	85311	07740	86707	88640		204	03091	000	ir _o do _o ro	rrDR			
Carlisle	222	81605	66022	22306	85511	02721	82628	87647		222	81707	56616	14907	85411	05736	82715	83630	88640	222	03081	000	ir _o	ro _o ro _o rrRR			
Watnall	354	62507	14044	26005	00908	02810	86275			354	72109	23026	21105	75611	03720	87630			354	92061	013	+	ir _o			
Spurn Head	396	61808	16052	26303	00905	02001	86270			396	71815	32032	21703	75511	02713	87625			396	00060	053	+	+			
Finningley	360	72213	39040	24705	00931	02818	81360	87075		360	71810	22606	20305	75611	03723	87631			360	97071	047	+	ir _o			
Dishforth	261	71709	15041	23505	15601	02810	81645	87080		261	81710	13042	18306	85411	04728	86618	88621		261	00071	037	+	+			
Tynemouth	262	72303	32051	22906	25671	01711	82640	87360		262	82020	48052	15906	80921	04730	88458			262	91071	003	+	ro _o ro			
Eskdalemuir	162	81906	70015	21304	65321	02817	82708	83630	88458	162	82015	40635	13306	87111	06737	88702			162	16062	000	id _o drdr	drdrrrRR			
Mull of Galloway	131	82320	60502	21007	87311	07718	88708			131	82333	63026	11308	87411	07749	88710			131	07082	111	/	/			
Prestwick	135	81911	62602	18707	85411	04728	86618	88628		135	81914	58616	10508	75421	07740	84713	85622	88550	135	08081	000	ir _o ro _o ro	rrro _o ro			
Renfrew	141	82108	58582	18806	85511	04824	82620	88630		141	82218	40596	09708	85311	07744	83708	86611	88622	141	06092	000	ro _o ro	rrdrdo _o ro			
Leuchars	171	82213	62022	18206	16447	03823	81715	83363	88270	171	82112	59616	10007	45621	05743	84630	88556		171	03081	000	ro _o ro	rrro _o ro _o rr			
Dyce	091	72009	74022	16506	25672	02824	82640	83360	87465	091	81912	56216	09705	87311	04732	85706	87707	88708	091	01071	000	ir _o	ir _o ro _o ro _o ir			
Wick	075	81812	80032	13907	75471	05725	81710	83625	87650	075	71817	80026	05407	35531	05733	81620	83650	86359	075							

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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Amount
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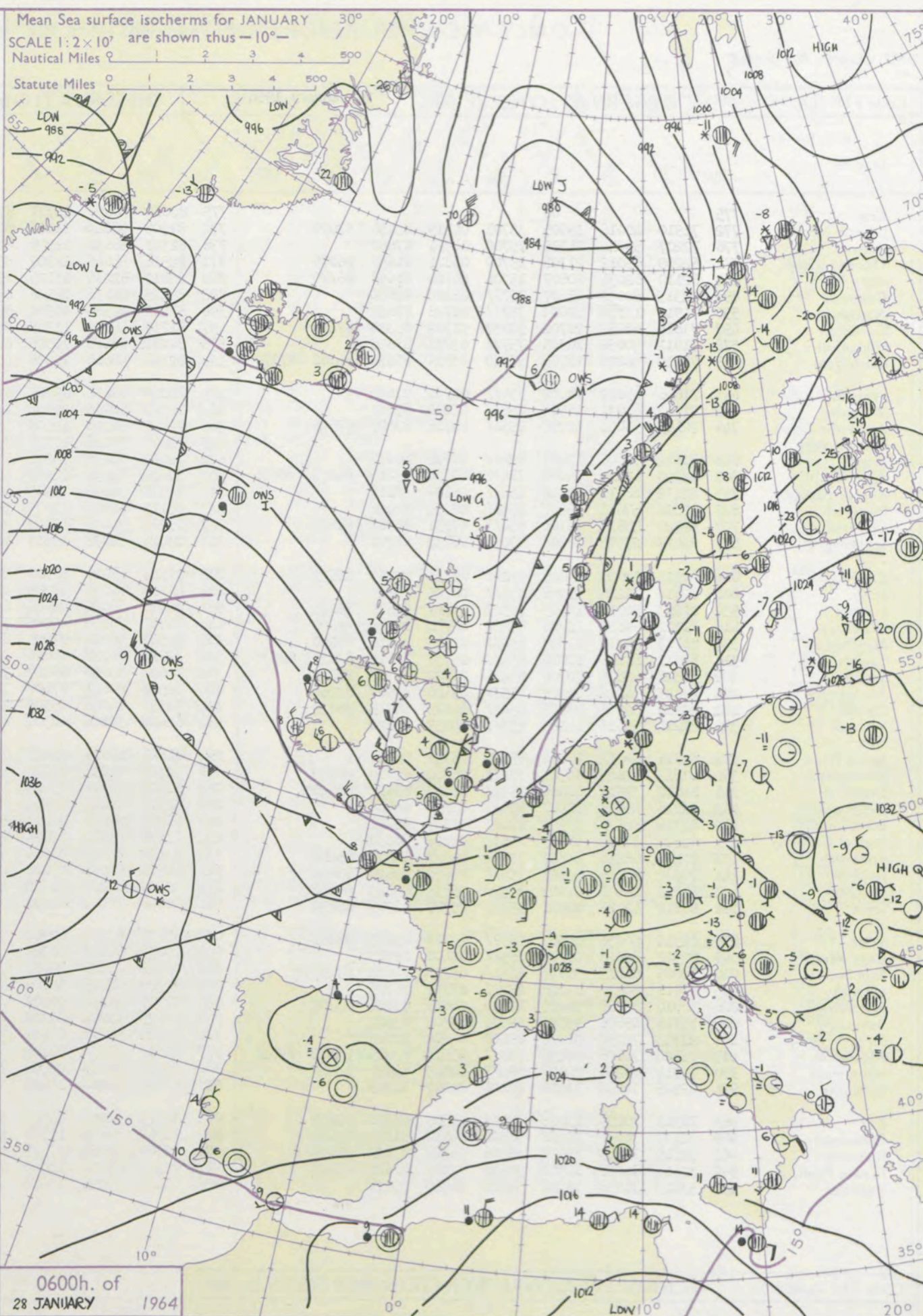
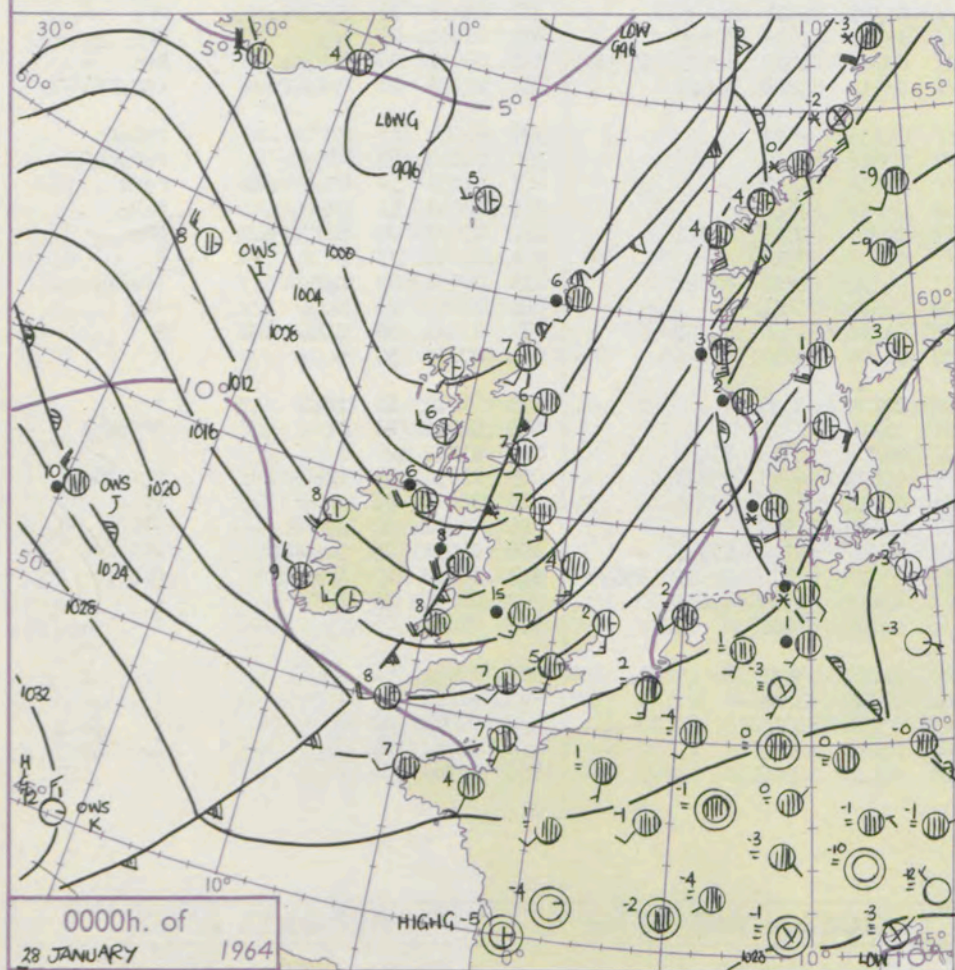
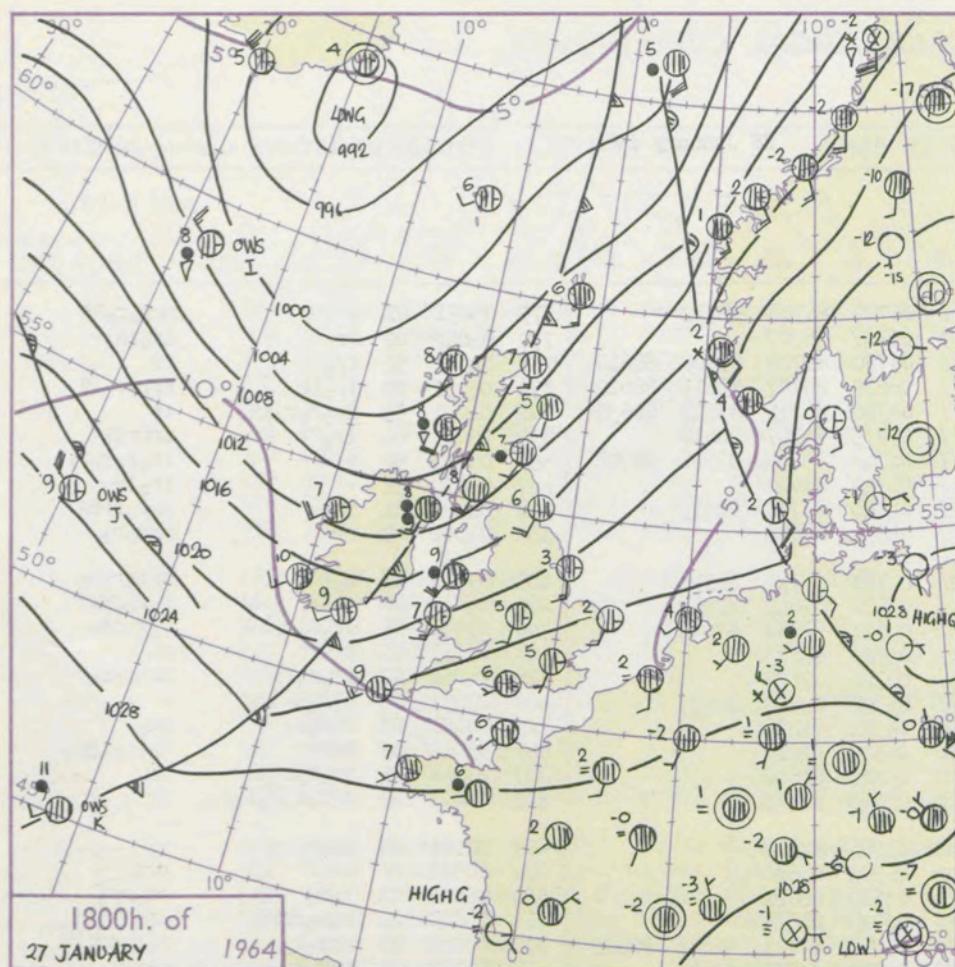
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Wind
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(knots)

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

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

Issued at midday Tuesday 28 January 1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Showers over eastern and northern Britain will die out tonight. There will be bright intervals in all districts. It will become cloudy in the northwest later today with some rain in Northern Ireland and Scotland tonight, reaching Irish Sea coasts and northern England during the morning. Temperatures will be near normal everywhere, with slight frost in southern England tonight.

OUTLOOK for following 24 hours
Changeable with some rain in many districts but also sunny periods. Temperatures near normal.

GENERAL SYNOPTIC DEVELOPMENT

The anticyclone south of the British Isles has continued to weaken slowly whilst a developing ridge has moved from Scandinavia to southeast Europe. A cold frontal trough has moved steadily eastwards across Britain and is being followed by a weakening ridge of high pressure. A warm front, now over the eastern North Atlantic, is expected to have crossed northwestern districts by noon on Wednesday.

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

Code FM 11.A		OBSERVATIONS at 00h.										28 January 1964										OBSERVATIONS at 06h.										28 January 1964										OBSERVATIONS during NIGHT					CONVECTIVE TAB °C to
Station	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 _n E	T _g T _g	WEATHER		CONVECTIVE TAB °C to																							
																						21h.—03h.	03h.—09h.																								
Kew	775			06						775	82012	70655	11707	87311	06722	86708	88712		775	05051	01	+	rrrro _o RR		40																						
London Airport	772	71910	40016	19905	35701	04719	83656	87070		772	81909	48646	11106	87311	05747	88707			772	04042	02	rr	ir _o IR		39																						
Gatwick	776	72207	59012	21105	75700	04721	87650			776	82312	58632	11906	85211	06750	82704	85708	88616	776	02041	52	ir _o	rr		38																						
Thorney Island	871	62209	69012	21306	15702	05821	81656	86075		871	82516	58646	12907	85311	06639	83707	85615	88622	871	05051	00	ir _o ir	rrrro _o IR		37																						
Hurn	862	62110	62031	20607	15706	04726	81650	86270		862	82810	62216	13105	85411	04724	81715	83625	88630	862	04051	03	ir _o ro _o RR	ir		36																						
Guernsey	894	72315	80032	23607	75711	05820	87656			894	82425	60636	16108	85311	07735	84707	88618		894	05061	04	ir _o	irrrrIR		35																						
Wattisham	590	71910	13102	20001	75711	01726	87650			590	81912	40586	10904	86211	04747	83704	85706	88708	590	05012	50	+	ir _o ro _o ro _o rr		34																						
Gorleston	497	71816	48052	20702	50937	01722	85358	87275		497	81719	58632	11705	85511	04742	88620			497	03012	51	+	ir _o ir		33																						
Mildenhall	578	71811	40052	18305	75711	03731	87650			578	82212	48626	10006	67421	04640	86710	88515		578	04021	01	ir _o	ro _o rrRR		32																						
Cardington	559	71810	58022	18504	55742	03830	85656	84362	87070	559	82314	58616	10006	85511	04634	88625			559	04042	02	rr	rrrro _o		31																						
West Raynham	485	71816	19102	18202	75611	02730	87635			485	82023	48656	09305	67421	04743	86711	88515		485	07012	53	ro _o R	RRrrrro _o		30																						
Wittering	462	71914	61031	16904	75611	03834	87640			462	72309	80216	09105	25611	03626	82640	87462		462	04031	00	irrr	ro _o rrpr		29																						
Boscombe Down	746	72113	56056	19705	75511	04728	83625	87645		746	72810	58216	12405	55432	04621	81710	85645		746	03031	01	ir _o ro _o	ro _o ir _o		28																						
Ross-on-Wye										627	72608	77026	10706	75511	03707	87625			627	03051	03	pr	pr		27																						
Bristol	628	81812	56606	17406	85611	04738	88632			628	72412	58216	11906	75511	04704	87627			628	04051	02	ir _o ro _o	ir _o ro _o		26																						
Aberporth	502	82320	62215	14008	88411	07624	83815	84621	88635	502	82825	74036	12906	88511	05302	82820	88625		502	03061	04	do _o RRir _o	+		25																						
Rhose (Cardiff)	715	82412	48616	17306	85411	05637	88617			715	13018	74026	12906	18400	04301	81818			715	04051	03	rrrro _o	pro		24																						
Plymouth	827	82020	57611	19408	85411	08734	88616			827	33111	62806	15807	38400	06503	82818			827	05061	02	RRrr	ro _o rrpro		23																						
Chivenor	707	82420	48618	18108	85411	07731	84711	88625		707	13216	74016	15107	15630	05207	81632			707	03061	05	pr _o ro _o ir	ir		22																						
St. Mawgan	817	82420	27596	18808	87011	08733	88701			817	23021	74018	16807	21400	05503	82815			817	03071	05	ro _o do _o ro _o	pr		21																						
Culdrose	809	82523	23606	19608	85211	08731	83703	88615		809	23319	66026	16707	21400	03504	82812			809	91061	04	ir _o ro _o	+		20																						
Scilly	804	82618	81216	19908	85511	08725	88625			804	43226	82016	18308	42500	06303	84820			804	04071	11	rr	rrir		19																						
Elmdon	534	81913	60612	15505	85511	03741	83625	88645		534	62411	66026	09904	65511	03610	86622			534	05042	01	ro _o	ir _o pro		18																						
Shawbury	414	81712	61636	12706	85411	04744	86616	88620		414	72511	74256	09005	78511	03710	86821			414	03041	02	ro _o rrRR	proir _o		17																						
Manchester	334	81717	58216	11305	85411	02745	84616	88620		334	82508	56816	07905	88411	03813	82711	86816	88625	334	08042	03	rrrro _o	ro _o prir _o		16																						
Squires Gate	318	81917	66216	10006	85411	05737	81715	83622	88630	318	72816	66258	06606	78511	04710	83820	87646		318	03051	04	RRro _o	prpro		15																						
Valley	302	82328	62606	10708	85411	06720	82712	88625		302	72828	80258	09407	78411	05302	86817	86635		302	01061	05	ro _o ir _o pro	pro		14																						
Ronaldsway	204	72623	74216	08108	55511	05620	85620	87460		204	72923	80801	07607	78411	05306	85816	87645		204	01061	05	ir _o	pro		13																						
Carlisle	222	82214	62606	08208	85411	05823	84719	88632		222	72512	74026	05505	48431	03708	81818	83623	85358	222	06041	03	RRro _o	pro		12																						
Watnall	354	82214	58616	14405	85511	04839	88620			354	62410	58806	08304	68511	03711	83820	84627		354	97031	01	ro _o rr	ro _o proir _o		11																						
Spurn Head	396	81816	48032	15004	85511	03739	88620			396	61812	57616	07405	6																																	

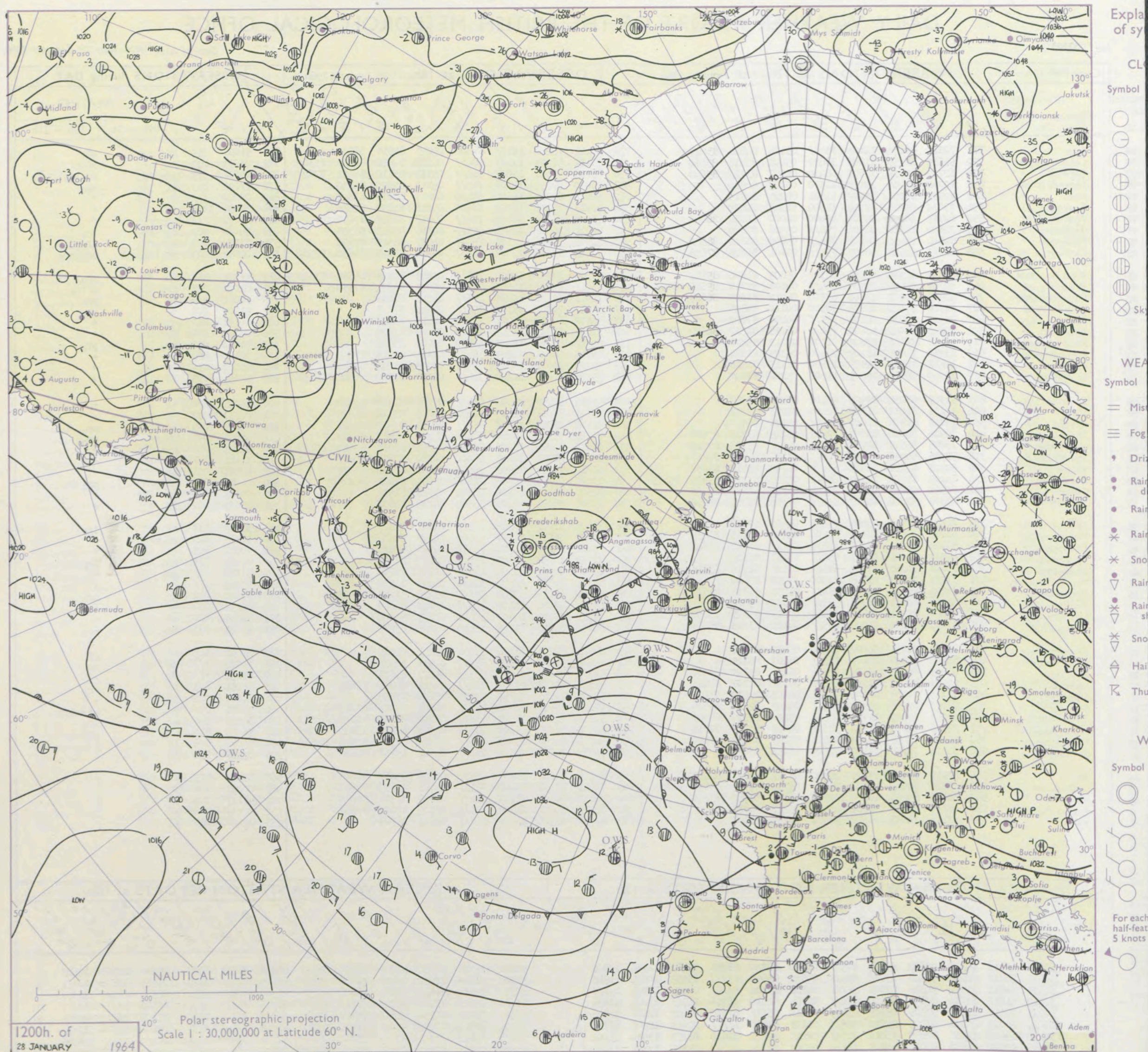
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37323

Date of Issue Wednesday 29 January 1964

Code FM 11.A		OBSERVATIONS at 12h. 28 January 1964										OBSERVATIONS at 18h. 28 January 1964										OBSERVATIONS during DAY					
Station	iii	Nddff	VVwww	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	VVwww	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	T x E	SSS	WEATHER				
																							09h.—15h.	15h.—21h.			
Kew	775	72812	66038	12108	7845/	03104	84818	83620		775	63114	74258	13107	68400	05219	82818	86630		775	91091	015	pr _o		pr _o			
London Airport	772	52615	66258	11808	38432	05002	82818	83360		772	73112	58258	13307	6843/	06220	81818	84630	85362	772	03091	027	pr _o		pr _o pr			
Gatwick	776	62712	66216	12607	68430	04007	83713	85640		776	83208	57608	13007	844/	05314	83710	84621	87627	776	04091	019	ir _o pr _o		pr _o ir _o ir _o pr _o			
Thorney Island	871	42710	69016	14108	41500	05007	84820			871	73010	66251	14708	785/	05310	82825	86630		871	97091	033	+		pr _o			
Hurn	862	42914	77031	15109	41401	04205	84815			862	52812	69011	16608	58430	04213	82818	83628		862	00091	///	+		+			
Guernsey	894	13018	80016	18709	11500	04213	81820			894	52913	74011	19708	58500	05211	81820	84635		894	00091	076	+		+			
Wattisham	590	62717	60258	09506	68400	04000	84814	86640		590	73208	58018	10804	754/	03217	81618	87650		590	03072	///	pr _o rr		+			
Gorleston	497	72609	60016	08906	756/	05506	87630			497	82911	18608	09905	5557/	04316	85621	88358		497	94062	007	ro _o ro _o pr _o		ir _o			
Mildenhall	578	82614	74036	09107	884/	05000	86818	88640		578	72909	56036	11106	755/	04217	86625	87656		578	03072	008	RRro _o ro		ir _o pr			
Cardington	559	72513	62608	10007	755/	05801	86620	87656		559	72814	62258	12007	5853/	05220	83825	84630	85360	559	04082	007	pr _o ir _o pr _o R		pr _o pr _o			
West Raynham	485	62512	40166	08106	683/	05805	81806	85812		485	73109	58258	10605	784/	03219	82818	84630	87640	485	91061	011	jp		pr _o			
Wittering	462	82717	58258	09205	884/	04801	82818	85620	88640	462	73011	40251	12006	785/	05223	81821	87630		462	01071	023	pr _o pr _o		pr _o ir _o			
Boscombe Down	746	62918	70031	13808	68500	06212	81820	86625		746	72912	69028	15207	755/	04215	87625			746	92081	031	+		pr _o			
Ross-on-Wye	627	32720	77020	12809	38500	04110	82825			627	72912	70801	15707	755/	04223	87625			627	91101	071	+		pr _o			
Bristol	628	72512	59032	14108	725/	04106	87820			628	52609	62022	16208	55500	04115	85625			628	00091	013	+		+			
Aberporth	502	72818	69022	16607	754/	06215	81717	84620	87640	502	73016	66012	18507	756/	05217	87635			502	00081	001	+		+			
Rhoose (Cardiff)	715	52718	74031	15807	51500	05213	85820			715	42912	69258	17407	48400	05109	83820			715	91081	026	pr _o		pr _o			
Plymouth	827	23216	74038	18209	28400	06309	81818			827	72913	56031	20209	784/	06315	83818	87625		827	00101	069	+		+			
Chivenor	707	12817	74011	18009	18500	06115	81820			707	73219	70021	19308	755/	07209	83622	87640		707	00091	050	+		+			
St. Mawgan	817	13220	80011	19809	11500	05212	81820			817	73216	74021	21208	784/	06314	81710	84818	86650	817	00091	075	+		+			
Culdrose	809	53319	66031	19909	58400	05212	83818			809	63214	60052	21408	684/	05312	81710	84820		809	00091	070	+		+			
Scilly	804	33121	74011	21710	32400	04213	82818			804	33321	81011	22609	31401	06209	83812	83075		804	00111	067	+		+			
Elmdon	534	73018	50808	10607	6256/	04308	86820			534	83122	37048	13307	855/	04219	83620	88625		534	01071	009	pr _o		pr _o			
Shawbury	414	72916	59818	12007	724/	05215	83712	87818		414	73119	66258	15207	784/	04226	84815	86650		414	01081	009	pr _o pr		pr _o			
Manchester	334	73018	56618	09707	754/	04218	85710	87615		334	63116	58016	13407	654/	05226	81615	84623	85647	334	95071	000	ro _o ro _o ro		+			
Squires Gate	318	72915	60258	10406	784/	05228	82710	87817		318	63218	58031	11607	68500	04230	82825	85641		318	91081	017	pr _o		+			
Valley	302	52925	61151	13609	58400	06112	84815	83630		302	33014	74018	16908	25601	04219	82630	83075		302	97091	021	pr _o		pr _o			
Ronaldsway	204	63120	69808	12109	684/	06127	81713	85820	85635	204	63010	82038	15708	28406	05225	81818	86275		204	01091	032	pr _o pr		pr _o			
Carlisle	222	62912	66018	09107	28563	04122	81820	84360		222	32306	74011	13606	28501	03332	81822			222	00091	024	+		+			
Watnall	354	63308	57018	09107	654/	03306	81716	86628		354	33108	58011	12406	34600	04222	83630			354	96071	002	ir _o		+			
Spurn Head	396	72512	32032	06906	755/	04400	87620			396	73008	57022	10204	755/	03221	87625			396	97061	038	+		ir _o			
Finningley	360	53215	50038	08008	58500	04108	82825	83635		360	43011	56011	11507	45600	04326	81635			360	92091	023	pr _o pr		+			
Dishforth	261	53115	80011	07607	48530	04113	82828	83645		261	73012	71031	11507	7563/	04323	87632			261	00091	045	+		+			
Tynemouth	262	62912	61021	06807	656/	04217	86635			262	82707	32058	10307	855/	05215	88625			262	97081	021	pr _o		pr _o			
Eskdalemuir	162	63018	74258	07907	684/	03122	81712	83818		162	13404	80021	13305	18501	01335	81820			162	91071	043	pr _o		+			
Mull of Galloway	131	33226	74012	11508	39500	05228	83920			131	53222	74818	15306	39550	04221	83920			131	93081	///	/		/			
Prestwick	135	73105	66031	10207	784/	05234	81718	86620		135	32706	64018	13806	35401	03228	81718	83645		135	97081	012	+		pr _o			
Renfrew	141	63009	69031	08908	685/	05323	85828			141	43112	68021	12807	355/	02223	81620	83635		141	00091	030	+		+			
Leuchars	171	42408	85011	06605	38541	03225	81825	83650		171	32712	85021	1														

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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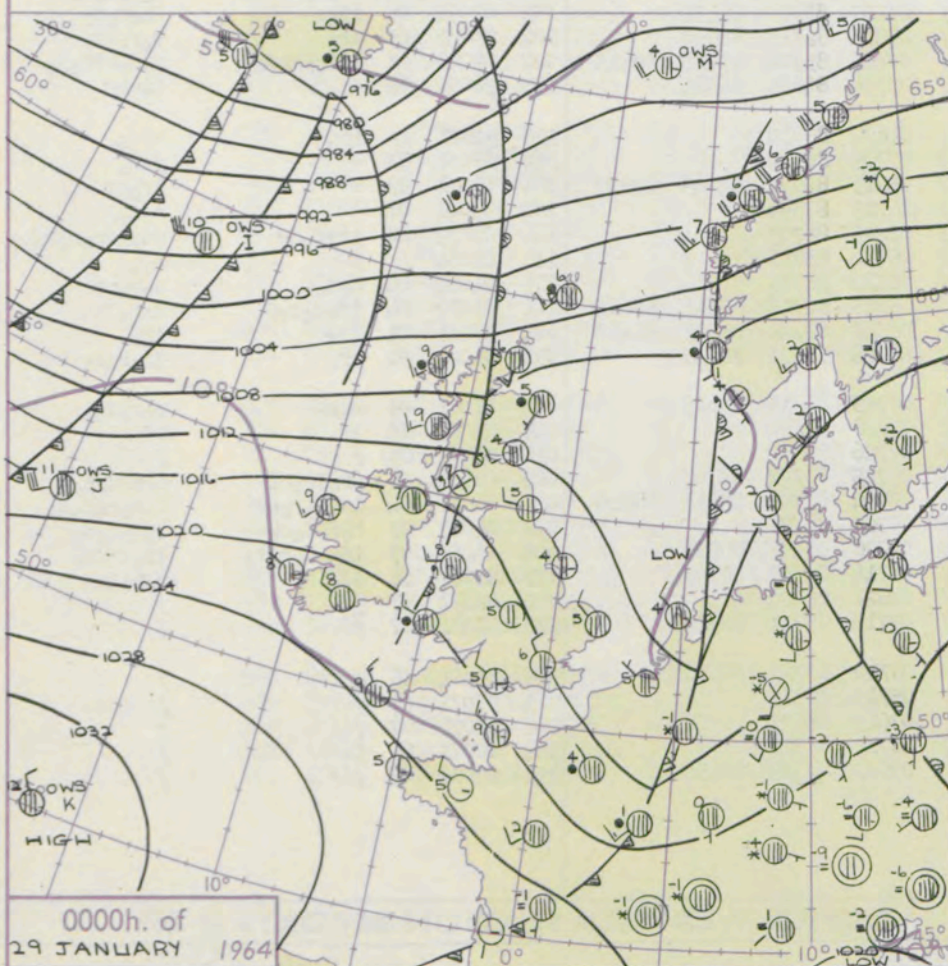
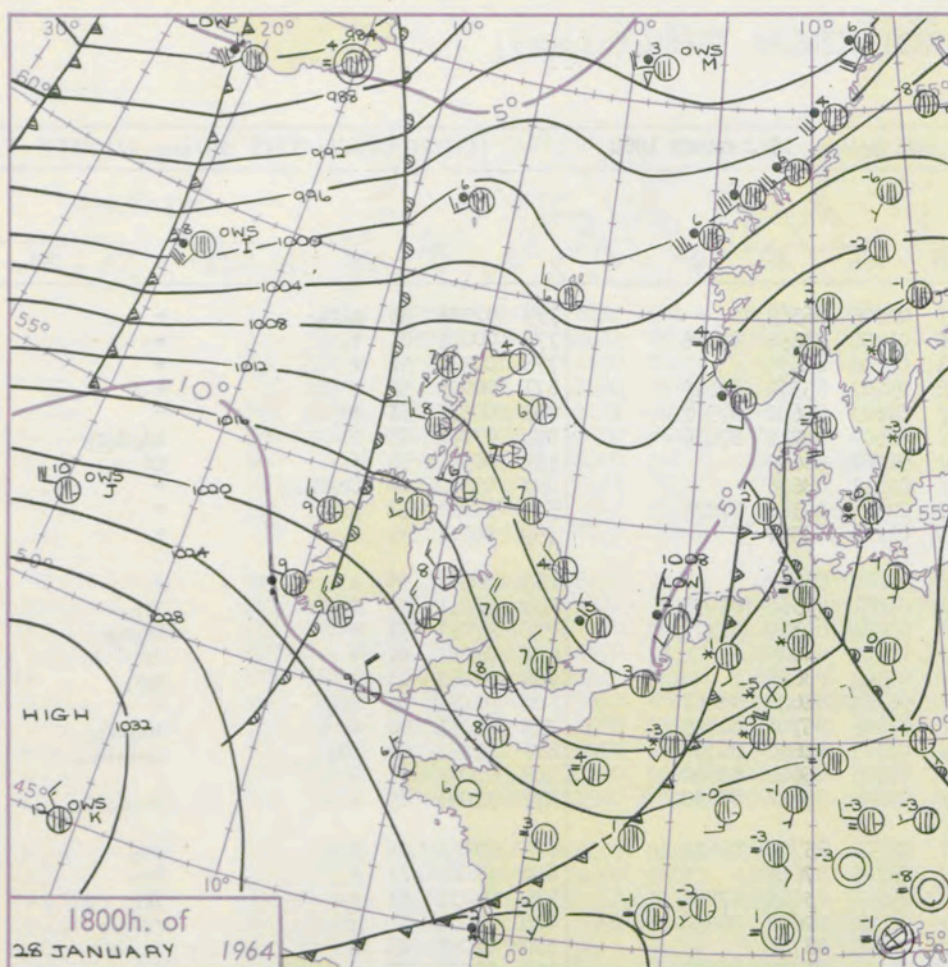
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additional
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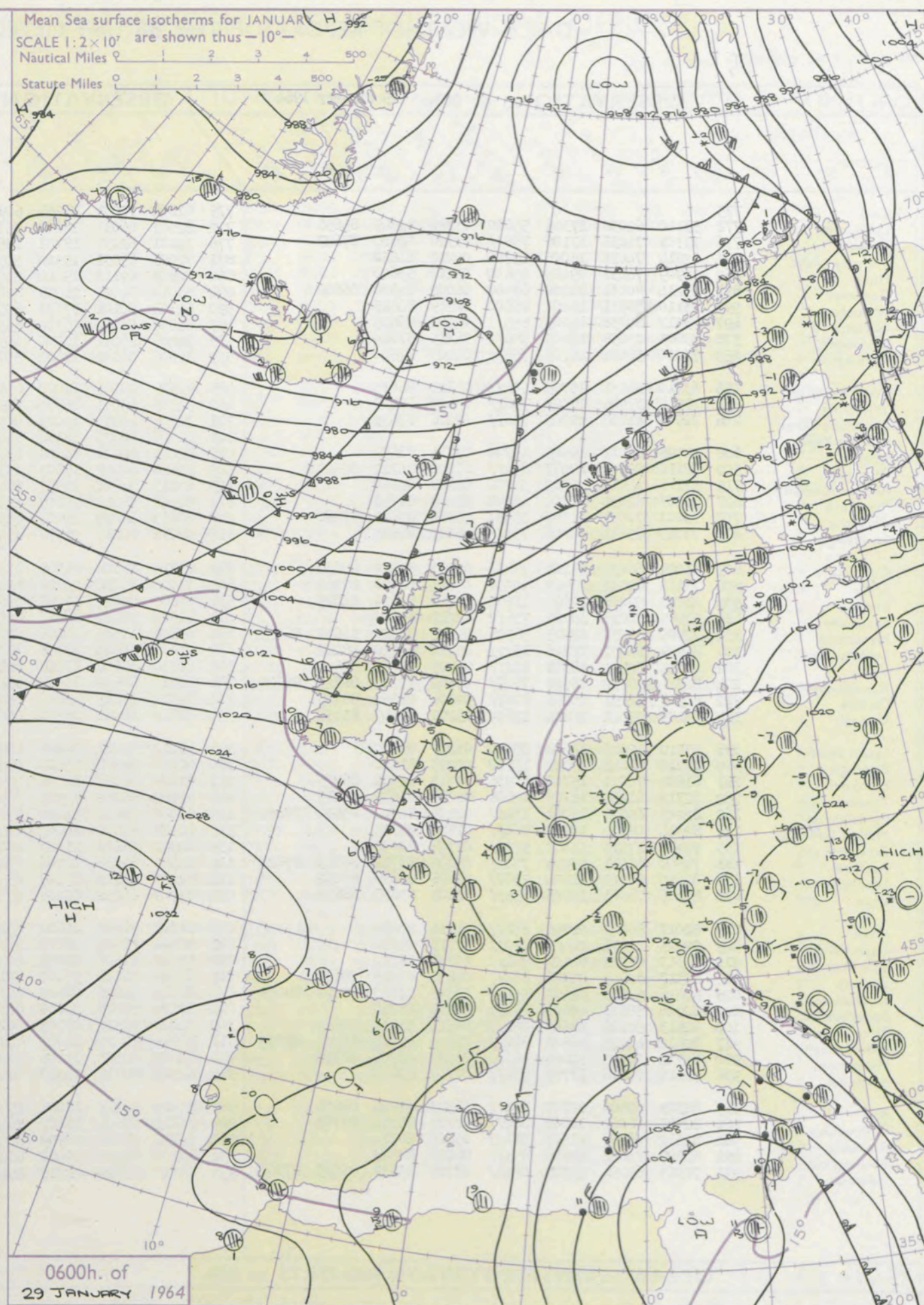
48-52



GENERAL SYNOPTIC DEVELOPMENT

A complex depression near Iceland has deepened and moved slowly east. It will move towards the North Cape while a trough swings southeast slowly to north of Scotland. Associated fronts over and to west of Britain will transfer east with the cold front crossing northern and western districts in the next 30 hours. A westerly type is expected to persist over the Atlantic and western Europe in the next few days.

Issued at midday Wednesday 29 January 1964



FORECAST for Great Britain and Northern Ireland until noon tomorrow

Cloudy mild weather with some rain or drizzle will be followed by brighter and somewhat colder showery weather over Scotland, Northern Ireland, Wales and northern and western England. The showers will be rather frequent in northern districts and turn to snow over the Scottish mountains. Westerly winds will reach gale force at times in the north.

OUTLOOK for the following 48 hours. Sunny intervals and showers followed by further rain from the west. Temperatures near normal in most parts.

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

Code FM II.A		OBSERVATIONS at 00h. 29 January 1964										OBSERVATIONS at 06h. 29 January 1964										OBSERVATIONS during NIGHT					CONVECTION TALL °C t
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 _n T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775									775	61804	70031	18204	6093/	02205	86365				775	97031	53	roRo	+	40		
London Airport	772	53110	62038	17306	55600	03220	82645	85656		772	52503	66031	18202	35730	01004	83656	83366			772	00011	01	+	+	39		
Gatwick	776	73308	74036	17106	75511	03320	82620	87627		776	32101	62031	18701	15631	00206	81635				776	00511	04	+	+	38		
Thorney Island	871	12814	74011	18006	15700	04212	81650			871	72903	69031	19504	50936	03202	85362	87625			871	00021	52	+	+	37		
Hurn	862	32909	74031	19405	35600	03210	83640			862	72803	69111	19404	55671	03803	85630	87362			862	00031	51	+	+	36		
Guernsey	894	63214	80031	21208	68500	04002	82820	86640		894	83012	74021	21208	8541/	06502	82712	87630			894	97071	05	+	idodoRo	35		
Wattisham	590	23110	56031	15203	25600	02219	82645			590	62304	50101	17101	6561/	01208	86640			590	00511	54	+	if	34			
Gorleston	497	83011	60036	14205	85511	04222	88625			497	82806	58052	16304	8551/	03211	88625			497	03022	00	iroroRo	+	33			
Mildenhall	578	73005	23058	15305	75611	04215	87640			578	72405	28051	16903	40932	02204	84360	87075			578	97011	51	pro	+	32		
Cardington	559	73010	58031	16706	75611	04223	87640			559	32308	56031	17601	30940	01103	83358			559	00511	53	+	+	31			
West Raynham	485	63210	56031	15005	65611	04120	86635			485	62505	20101	17000	65611	00110	86630			485	00511	53	+	+	30			
Wittering	462	73014	37046	16505	75611	03120	87635			462	52303	59031	16802	10931	01801	81362	85075			462	94011	51	irorir	iror	29		
Boscombe Down	746	72908	61038	19005	75611	02216	87635			746	72706	66031	19003	40936	03601	84360	87270			746	97031	51	+	iroro	28		
Ross-on-Wye										627	82205	66022	18106	85511	04705	88625			627	01051	01	+	ir	27			
Bristol	628	12705	62011	19505	15700	02111	81650			628	82405	62021	18606	85711	05506	88656			628	01041	03	+	roRo	26			
Aberporth	502	82816	59602	20407	8541/	07204	84712	88620		502	82616	66016	19007	1551/	06704	81620	88467			502	91062	05	iror	+	25		
Rhoose (Cardiff)	715	33116	74031	20505	35700	04208	83650			715	82813	32201	18907	8611/	07809	85701	88705			715	91031	00	+	idoiror	24		
Plymouth	827	43007	62031	22306	25601	05209	82645			827	62308	58015	20809	1563/	07707	81640	86360			827	01061	02	ido	dodoido	23		
Chivenor	707	73007	70031	21307	35551	05204	83625	87360		707	83013	69022	20408	8551/	07606	85622	88640			707	00061	04	+	+	22		
St. Mawgan	817	73010	69031	22708	7541/	06103	87615			817	82915	62216	21798	8541/	07804	84717	88630			817	92071	05	+	irodoido	21		
Culdrose	809	73009	66032	23108	7841/	05203	82817	86630		809	83119	56506	21508	8531/	06707	85709	88612			809	97061	06	iror	ido	20		
Scilly	804	73114	69031	23909	15530	07203	81620	87360		804	73020	66026	22708	8541/	08705	87615			804	01082	//	+	iror	iror	19		
Elmdon	534	43012	59038	17605	15504	02216	81625	84075		534	72807	59021	17005	35671	04605	83645	87365			534	94031	51	+	iror	18		
Shawbury	414	72505	74038	18404	75612	02211	87647			414	82509	74022	17107	75571	06704	82622	86650	88463		414	91031	51	pro	roRo	17		
Manchester	334	72906	59031	17505	58506	02217	81825	84640	86275	334	82107	11535	16206	8701/	05705	88701			334	02041	03	+	idodd	16			
Squires Gate	318	82809	66031	17206	15712	05110	81650	88462		318	82611	56616	15506	8531/	06707	86708	88615			318	01051	03	iroroRo	doroRoRo	15		
Valley	302	82615	32501	18308	8521/	07802	86703	88620		302	82510	66606	17008	8541/	07707	83712	88630			302	01071	06	ido	iroroRo	14		
Ronaldsway	204	82511	78212	16907	75471	07302	82710	86713	86640	204	82615	66632	14908	8541/	07611	82713	88650			204	03071	03	iror	roRorrr	13		
Carlisle	222	82507	64031	16006	80971	02106	82362	88465		222	82312	37615	13107	8521/	07717	83704	85706	88615		222	01041	02	iriroroRo	dodoRRroRo	12		
Watnall	354	33109	59021	16804	15630	03220	81645	83358		354	72610	48011	16204	45651	03704	84645	86362			354	96031	51	+	idrrr	11		
Spurn Head	396	53210	32016	14604	55600	03217	85630			396	63212	48022	14203	6561/	01400	86630			396	92021	//	iror	+	+	10		
Finningley	360	12910	44011	15905	15630	02218	81640			360	42405	48011	15405	40930	03705	84362			360	97031	53	+	roRo	roRo	9		
Dishforth	261	61806	74031	15703	10936	01213	81364	86275		261	71606	66032	14004	7561/	03813	82634	84645	87650		261	01021	52	+	irorrr	8		
Tynemouth	262	72712	61038	14705	15608	02213	81635	86275		262	72305	66022	12005	70971	04715	87359			262	95041	01	+	roRo	roRo	7		
Eskdalemuir	162	82207	66621	15004	55421	02104	82710	85630	88459	162	82309	58616	11606	8721/	06620	88705			162	02031	00	iridodd	ddifiroroRo	6			
Mull of Galloway	131	82314	66022	16007	8641/	07802	88718			131	82512	60606	14207	8741/	06712	88710			131	01061	//	/	/	/	5		
Prestwick	135	92310	17515	13807	9101/	07708	89100			135	82311	56616	11407	8741/	06712	88711			135	04061	06	dodo	doroRR	4			
Renfrew	141	72506	66011	13207	7541/	05806	83712	86615	87623	141	82613	62586	10008	8541/	06716	82710	84616	86620		141	01072	04	idodoRo	doro	3		
Leuchars	171	82410	66211	11904	55671	02806	85630	88462		171	82412	66212	07108	6551/	06728	81620	86635	88460		171	97031	01	ire	iror	2		
Dyce	091	82106	74601	10205	8551/	02809	83625	88630		091	81709	66212	05206	8551/	04726	84625	88635			091	01021	52	iror	iroroRo	1		
Wick	075	82017	80021	06806	8561/	04714	88630			075	82217	74506	01608	8541/	06725	84715	88625			075	01041	03	roRo	roRoido	0		
Cape Wrath	049	92325	04474	04407	9101/	07713	89100			049	92324	89456	98807	9111/	07728	89100			049	12062	05	if	rf	rf	-1		
Sule Skerry	010	82313	61512	01408	8641/	07728	88710			010	82330	61626	99009	8641/	07726	88710			010	03072	051	/	/	/	-2		
Lerwick	005	82317	82802	02806	8841/	05814	84815	88630		005	82335	58636	95407	8711/	07735	83702	88705			005	08052	03	proirorrr	rrrdoro	-3		
Stornoway	026	82416	62615	06409	55421	08823	81710	85620	88459	026	82317	59606	01609	8531/	09724	83708	85614	88620		026	04072	04	idoroRorrr	roRorrrdodo	-4		
Benbecula	022	82326	58616	08608	8641/	08719	88710			022	82224	56516	03709	8631/	09722	88707			022	04081	07	roRodoRo	roRodoRo	-5			
Tiree	100	82513	58216	11609	8541/	08611	81711	88629		100	82420	40616	07109	66221	09726	86705	88527			100	04081	07	idoroRoroRo	irorrrido	-6		
Aldergrove	917	82412	40025	16607	8611/	07502	82702	84703	88705	917	82013	58216	14007	8621/	05714	83703	88707			917	02062	06	idoiror	roRoiror	-7		
Malin Head	980	82715	56505	14608	8631/	08507	85706	88712		980	82620	48586	11008	8621/	08621	88704			980	02071	07	/	/	/	-8		
Belmullet	976	72415	74016	17709	7561/	07710	87630			976	82520	66216	14610	8641/	09714	85711	88718			976	01081	07	/	/	/	-9	
Birr	965	82309	69506	20707	8741/	06503	85716	88636		965	82410	66215	18008	8541/	06714	83716	88636			965	93061	04	/	/	/	-10	
Collinstown	969	82813	66022	18008	8621/	07708	84706	88708		969	82613	69606	16407	8641/	05713	88712			969	97071	05	/	/	/	-11		
Rineanna	962	82612	66205	21508	8641/	05806	88714			962	82716	66026	18909	8551/	07613	88623			962	97071	07	/	/	/	-12		
Roches Point	952	82809	74022	22608	8551/	06000	88628			952	82107	74022	20407	8641/	06711	88715			952	00071	06	/	/	/	-13		
Valentia	953	72903	6																								

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 L _o GG	Nddff	VVwwWW	PPPTT	N _h Ch _h C _M C _H	D _s V _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _s T _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 L _o GG	Nddff	VVwwWW	PPPTT	N _h Ch _h C _M C _H	D _s V _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _s T _s d _d	Id _w d _w P _w H _w	Id _w d _w P _w H _w
A	40620	330000	82524	98038	79004	3842/	00718	82818	88160	05401	12534	12447	A	40619	33006	52434	98022	77002	52500	51506	85820	////	05751	12449	1////
B	40565	51000	83225	98268	98200	38507	00230	82820	88211	05654	13234	11945	B	40565	51006	83018	97858	03551	62518	00327	86820	86211	05053	13034	11915
C	40527	35500	52544	97022	12605	57500	00107	82820	83650	05401	12559	11111	C	40527	35506	52440	97808	10104	52400	00619	85818	////	05500	17551	11111
D	40440	41000	73409	98022	30443	11471	00115	81818	87360	05806	14972	11111	D	40440	41006	83604	98022	29212	15578	00702	81620	83360	06004	14972	11111
I	40592	18600	62534	98216	95210	65411	51601	83612	86630	00108	12547	17650	I	40591	18706	62535	98026	92508	68611	51717	86830	////	05304	12547	17650
J	40523	19900	82430	97022	18611	38411	61825	81815	88620	00009	12549	11111	J	40525	19806	82529	97606	13711	67321	00720	86808	////	00110	17542	11111
K	40453	16400	73210	97032	34412	75611	61001	87633	11111	05105	13444	13055	K	40451	16306	72812	97022	33412	75611	00704	87633	////	05205	10070	13045
M	43660	02000	72318	97022	90104	78600	00808	11111	11111	05402	12323	12644	M	43660	02006	82032	96616	78706	47321	00772	11111	11111	05205	12178	11111

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

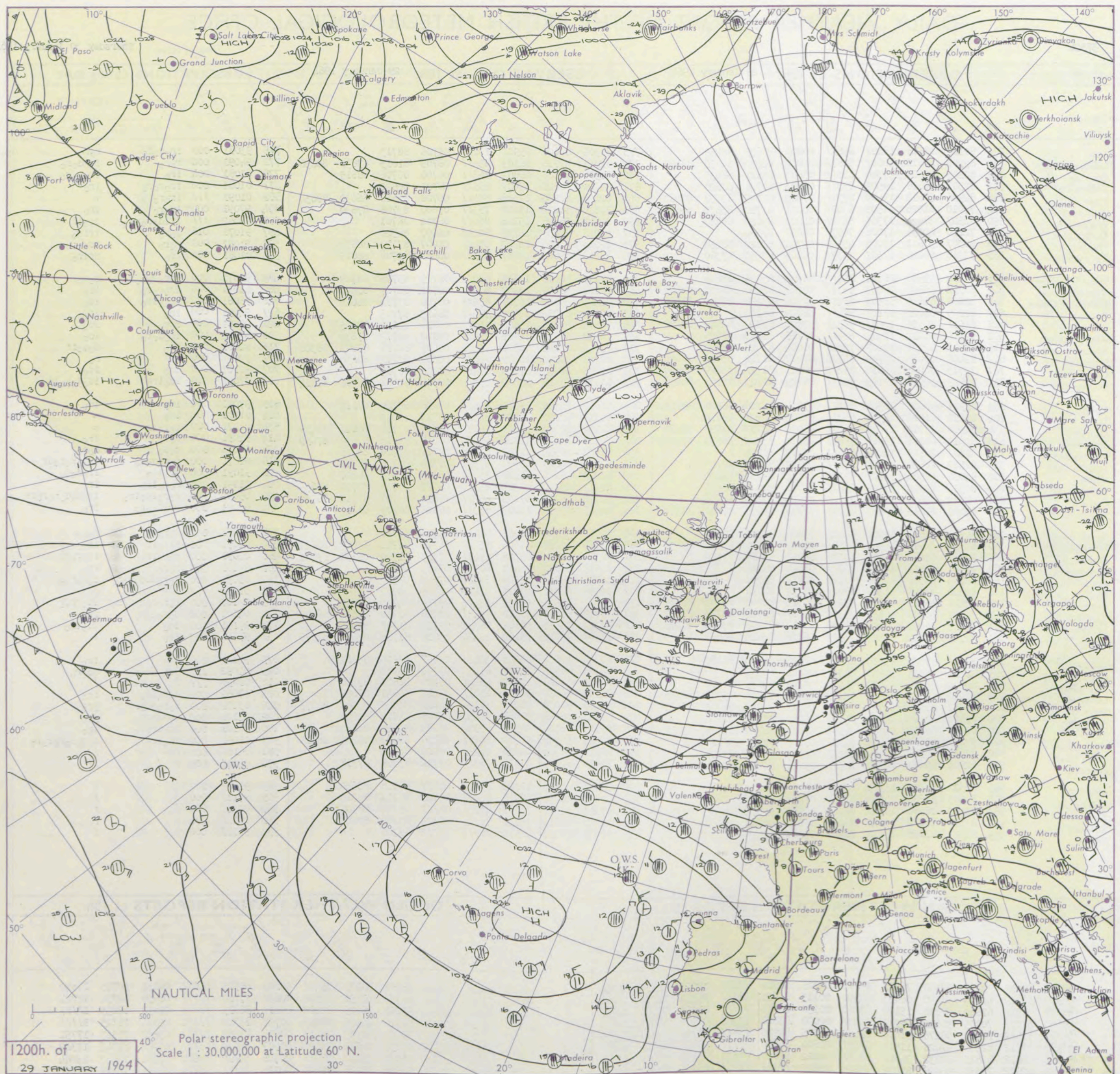
No. 37324

Date of Issue Thursday 30 January 1964

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104	Kew	775	82107	48616	18207	6561/	05806	86635	88459		775	82309	40026	15907	874/1	05706	88713			775	93081	000	ir _o d _o d _o	r _o r _o
102	London Airport	772	82202	48616	18607	5567/	05804	82630	84656	88460	772	82308	50016	16107	854/1	06709	81615	83630	88656	772	94091	000	r _o r _o	ir _o d _o r _o
100	Gatwick	776	82205	59601	19306	8551/	05803	85621	88635		776	82306	40106	16807	853/1	06706	86706	88615		776	91081	004	ir _o	ir _o r _o r _o
99	Thorney Island	871	82501	20606	19507	853/1	06803	86706	88620		871	82704	50026	17407	855/1	06707	88620			871	01081	000	ir _o r _o r _o	ir _o
97	Hurn	862	82906	56612	19409	2737/	07805	82709	83358	88462	862	82407	28056	17308	854/1	06708	83618	86630	88650	862	01091	///	ir _o r _o r _o	+
95	Guernsey	894	73010	81026	21509	6547/	06001	81710	83630	86650	894	72810	66022	19608	753/1	07607	83706	87630		894	97091	000	id _o r _o	ir _o
93	Wattisham	590	82507	37034	17305	5552/	04803	85620	88450		590	82109	06426	15106	860/1	06704	88701			590	95062	///	ifid _o r _o r _o	ir _o if
91	Gorleston	497	72210	40051	17006	7097/	04809	87360			497	82011	24056	14707	8052/	06607	88520			497	91072	016	d _o r _o	irir _o
90	Mildenhall	578	82307	37611	17006	4552/	05704	83620	88458		578	82208	37026	14307	854/1	06707	87713	88630		578	91081	001	r _o r _o	ir _o
88	Cardington	559	72210	56216	17307	3577/	06805	83650	87360		559	82210	19606	14607	853/1	06812	82708	88619		559	01081	000	ir _o	rrir _o
86	West Raynham	485	82114	19586	16204	852/1	04701	85705	88640		485	82113	40216	13507	872/1	06709	85705	88709		485	92071	000	ifd _o r _o d _o r _o	r _o r _o
84	Wittering	462	82512	58606	16407	6537/	07704	81706	86635	88459	462	82208	56606	13907	853/1	06711	86707	88640		462	01071	000	ir _o r _o r _o	ir _o
82	Boscombe Down	746	82908	61616	18507	6521/	07708	83705	86650	88459	746	82405	59026	16507	854/1	06708	83714	88628		746	96081	000	r _o r _o ir _o	id _o
81	Ross-on-Wye	627	82205	66026	17107	864/1	06809	88715			627	82406	63022	14608	764/1	06613	87715			627	94091	000	ir _o	id _o
79	Bristol	628	82511	56616	18407	5532/	07807	82708	84645	88462	628	72410	58026	15808	755/1	06810	82622	87645		628	96081	000	r _o r _o	id _o
77	Aberporth	502	82314	66012	17408	884/1	07715	81815	88635		502	72217	66016	14209	754/1	08818	84712	87630		502	97091	000	ir _o d _o r _o	id _o
75	Rhoose (Cardiff)	715	82612	62026	18607	7532/	06810	82719	87650		715	82713	60042	16508	7547/	07509	82618	87625	88360	715	92081	000	ir _o	d _o d _o ff
73	Plymouth	827	82406	48035	20708	5547/	07807	81710	85650	88462	827	82711	40042	18709	854/1	08608	83712	88630		827	97091	000	+	r _o
72	Chivenor	707	72713	74026	19610	654/2	08811	81712	83620	86630	707	82515	48502	17309	874/1	08710	88715			707	92101	000	ir _o	id _o
70	St. Mawgan	817	82815	56585	21109	852/1	08805	81703	85706	88615	817	82617	40516	18809	852/1	08706	82704	85706	88614	817	97091	000	id _o ir _o	id _o d _o d _o id
68	Culdrose	809	82915	60025	21309	853/1	07804	81706	86708	88618	809	82812	64505	19309	854/1	07808	83710	88612		809	97091	000	id _o	id _o
66	Scilly	804	83118	61026	22310	853/1	07802	82708	88615		804	82919	69022	19910	855/1	08712	88623			804	91101	000	ir _o	+
64	Elmdon	534	82308	37212	17007	5632/	06000	84707	83656	88460	534	82107	28042	13707	6547/	06714	83712	86621	88459	534	01071	000	r _o r _o rr	+
63	Shawbury	414	82312	66206	15907	7547/	06811	83715	86630	87459	414	72108	64012	12708	5547/	06719	82615	83630	87459	414	91091	000	r _o r _o	ir _o
61	Manchester	334	82307	28515	14807	874/1	05807	88710			334	81909	26515	11307	873/1	07721	85708	88715		334	01071	000	d _o d _o	d _o d _o
59	Squires Gate	318	82517	22586	14107	871/1	07710	84702	88703		318	82319	48216	09907	873/1	07725	81706	88712		318	02071	000	d _o r _o d _o d _o	d _o d _o r _o r _o d _o r
57	Valley	302	82020	58506	15408	853/1	07711	83709	88620		302	81919	58206	11108	854/1	08725	83714	88620		302	91091	000	ir _o id _o	ir _o d _o d _o
55	Ronaldsway	204	82317	62026	12608	853/1	08714	87709	88625		204	82517	69026	08309	853/1	09727	82707	87710	88635	204	01091	000	r _o r _o ir _o	ir
54	Carlisle	222	82312	59606	11608	853/1	07600	83708	88618		222	82116	48216	07109	863/1	08824	83707	87712	88720	222	05092	000	r _o r _o id _o ir _o	ir _o d _o d _o r _o r _o rr
52	Watnall	354	82409	11616	15607	6522/	07704	83704	86620	88540	354	82411	17036	12207	873/1	06815	86709	88712		354	03071	000	rrir _o r _o	ir _o
50	Spurn Head	396	84210	20612	14406	6742/	05804	86710	88558		396	82414	32616	11207	864/1	06713	88710			396	02071	000	r _o r _o	r _o r _o
48	Finningley	360	82311	40616	14407	6547/	07803	84715	85640	88359	360	82013	32216	11608	854/1	06716	82712	85617	88621	360	02091	000	r _o r _o rr	ir _o
46	Dishforth	261	72412	56056	12508	6547/	06811	85615	87459		261	72315	70212	08708	2547/	07723	81710	86358	87462	261	02091	000	r _o r _o rr	ir _o r _o r _o
45	Tynemouth	262	82507	48056	10309	855/1	07814	88625			262	82515	48052	06610	8097/	07713	88360			262	92101	000	r _o r _o	+
43	Eskdalemuir	162	82105	40516	10206	871/1	06711	88702			162	82108	19515	05507	871/1	07723	88702			162	05082	000	r _o r _o DDddd _o d _o	d _o d _o r _o r _o
41	Mull of Galloway	131	82522	74026	11309	874/1	06717	88714			131	82524	66026	07009	874/1	08728	88716			131	01091	///	/	/
39	Prestwick	135	82416	58516	08609	872/1	08713	82703	86705	88709	135	82213	62515	04609	854									

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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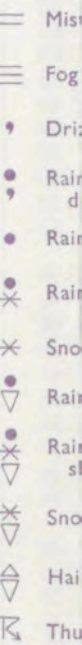
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Symbol



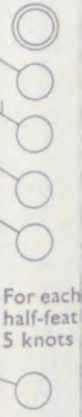
WEA

Symbol



W

Symbol



For each
half-foot
5 knots

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

ATHER
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and snow

W

shower

and snow
shower

W shower

shower

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IND

Wind
speed
(knots)

Calm

1-2

3-7

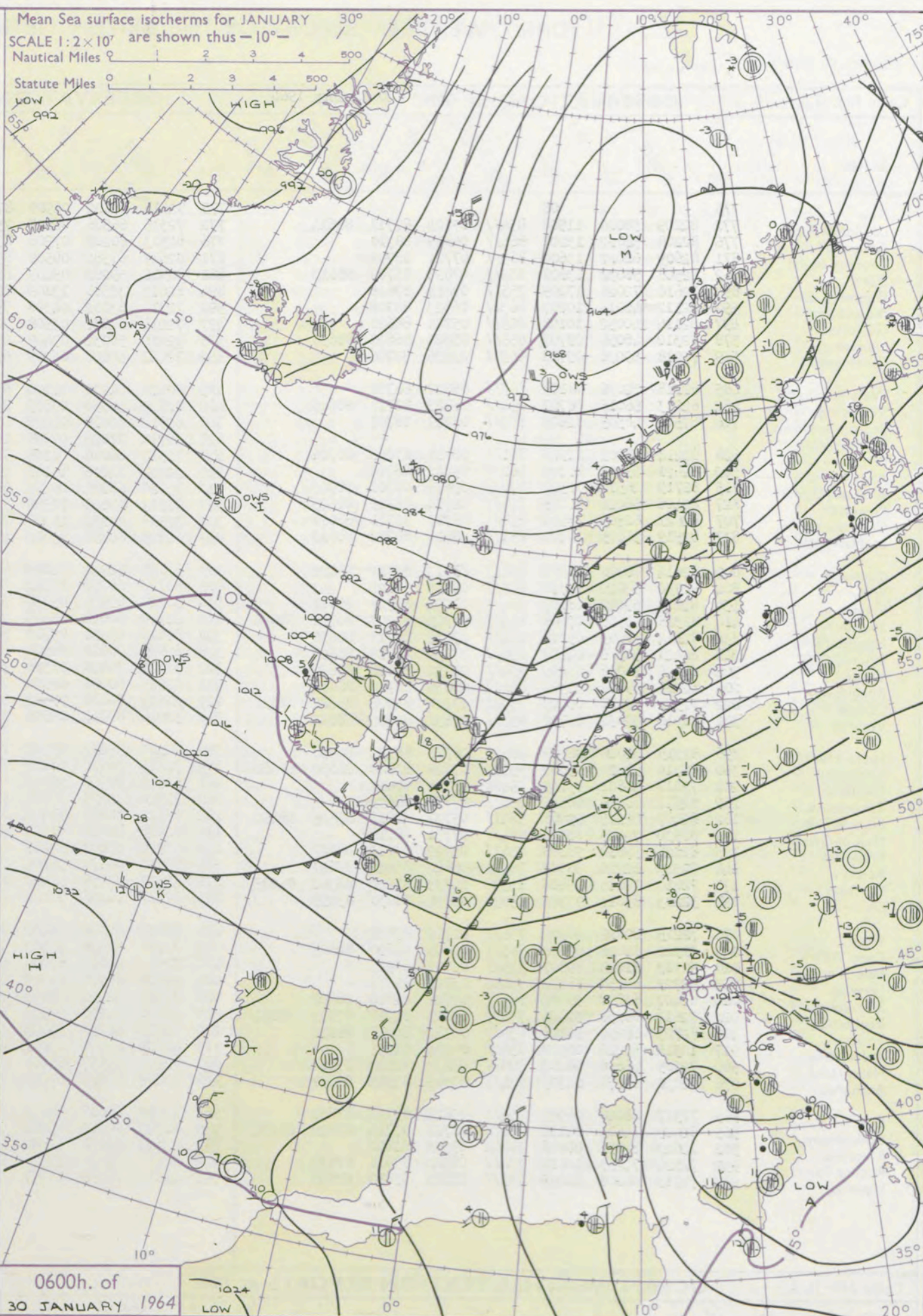
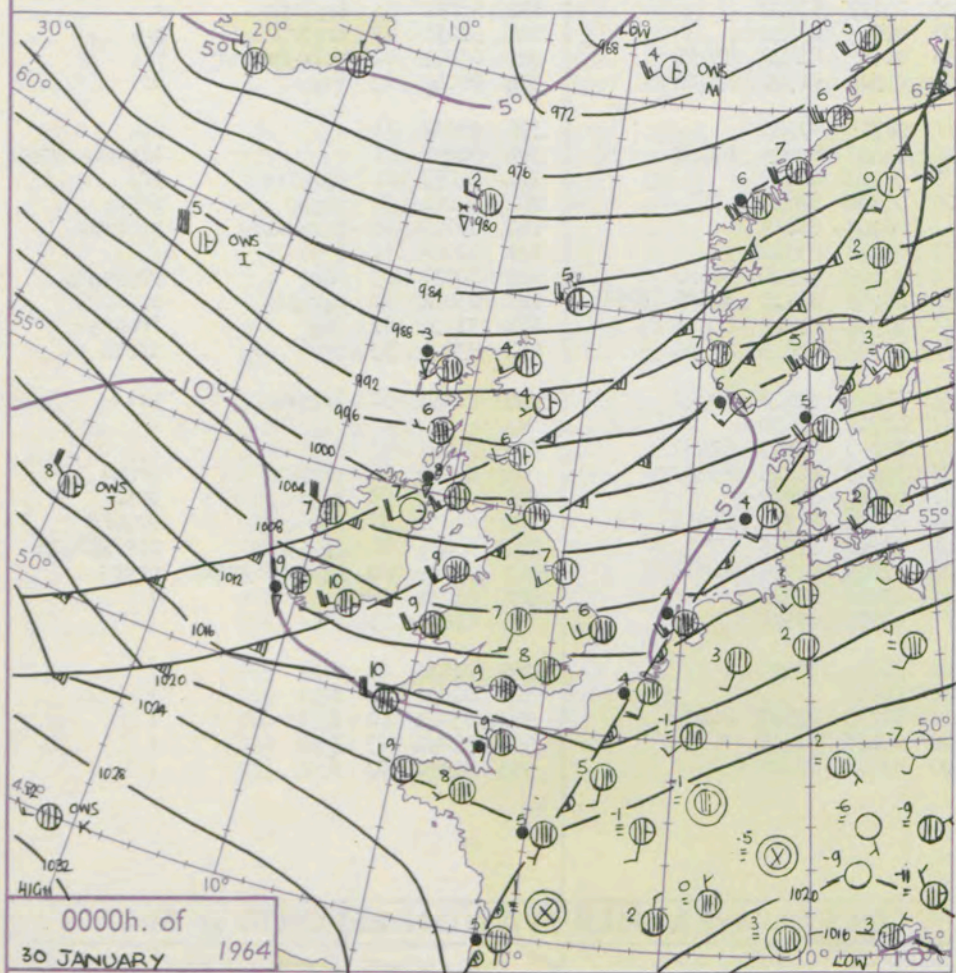
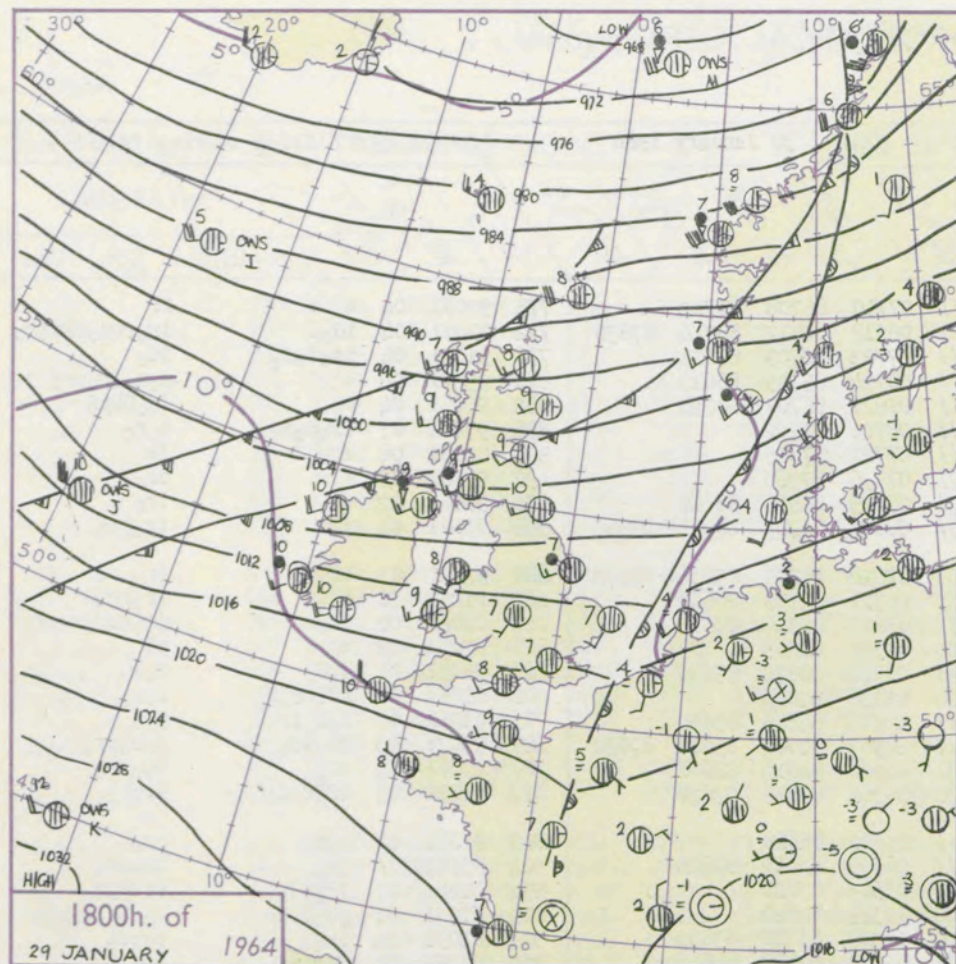
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 30 January 1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The depression east of Jan Mayen is moving slowly towards Bear Island, and a cold front is moving quickly across the southeast of England followed by a strong westnorthwest airflow with deep instability in the north. A ridge of high pressure over mid-Atlantic will move across the British Isles tonight, followed by the warm front of a deepening depression moving quickly east across the Atlantic from the Newfoundland area. The westerly type with rapidly moving systems is expected to continue over the Atlantic and western Europe for the next few days.

Sunny periods and showers, heavy in northern districts, with hail, scattered thunderstorms, and snow over mountains. Tonight strong to gale winds moderating, showers dying out in southern and eastern districts. Rain spreading to western districts tonight extending to most places by noon tomorrow preceded by snow in hilly areas of Scotland. Temperatures below normal today, near normal tomorrow.

OUTLOOK for following 24 hours
Rain in many places at first followed by brighter showery weather spreading from northwest.

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

Code FM II.A		OBSERVATIONS at 00h. 30 January 1964										OBSERVATIONS at 06h. 30 January 1964										OBSERVATIONS during NIGHT					CONV TA °C t
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 _n T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			08						775	82414	70602	06909	87311	07710	86708	88712		775	92071	04	+	ir		40		
London Airport	772	82209	58026	11908	85411	07724	82711	88614		772	72316	66586	06609	75411	08717	82712	85714	87630	772	01071	04	id _o	ir _o rrd _o r _o d _o r _o		39		
Gatwick	776	82208	58022	13207	86411	06819	88710			776	82513	60205	07908	85311	07723	82709	88621		776	91071	04	id _o d _o d _o	id _o		38		
Thorney Island	871	82609	62022	13608	86311	07721	88709			871	82617	61582	08509	85311	08724	85709	88613		871	95071	04	+	d _o r _o ir _o pr _o		37		
Hurn	862	82508	58032	13609	85311	07823	85709	88613		862	82516	59282	09209	85311	08621	86707	88620		862	96061	04	+	id _o DBpR		36		
Guernsey	894	72616	72026	17209	75511	07815	87626			894	82622	32586	13809	86111	08721	87702			894	97081	07	ir _o d _o r _o	d _o r _o		35		
Wattisham	590	82112	48014	10207	86311	06823	88708			590	72314	63012	04308	75411	07727	87615			590	02062	04	+	ir		34		
Gorleston	497	82114	40052	10106	85511	05721	88620			497	72214	62032	03508	70971	07736	87360			497	97062	05	+	pr _o		33		
Mildenhall	578	82310	48056	09707	85511	05820	86623	88630		578	82214	58032	03409	65471	07725	86618	88359		578	91061	02	+	ir _o		32		
Cardington	559	72218	59036	09708	76311	07826	87706			559	72422	58606	04209	65371	08623	84708	86621	87460	559	93061	03	+	ir _o pr _o		31		
West Raynham	485	82218	32036	08107	86311	06727	88708			485	82421	61212	01708	55307	07626	84709	85616	88275	485	97051	03	+	ir _o		30		
Wittering	462	82213	56016	08707	85411	06729	82711	88645		462	82825	56656	03609	85311	06511	84709	88620		462	01051	01	+	ir _o rrRR		29		
Boscombe Down	746	82508	48505	12608	86211	08721	88705			746	62817	62616	08008	65411	07617	84710	86615		746	01051	02	id _o	ir _o rrrrr _o r _o pr _o		28		
Ross-on-Wye										627	22718	77028	07708	28500	02310	81825			627	02051	02	+	pr		27		
Bristol	628	82414	48205	11908	86111	08718	83702	88704		628	72513	66016	08108	78511	04504	82820	87640		628	95051	01	d _o d _o	d _o d _o		26		
Aberporth	502	82421	59035	10109	86211	09724	88705			502	22821	74016	10106	21500	03326	82820			502	01051	02	rrirrr _o r _o	r _o r _o		25		
Rhoose (Cardiff)	715	82719	26514	12507	87011	07814	86701	88703		715	73126	66806	09306	78411	04302	84815	85630		715	01051	03	d _o d _o ir _o	pr _o		24		
Plymouth	827	82408	56026	16009	85411	08714	88715	88625		827	72917	58606	12509	78511	08307	81704	85820	87630	827	95071	03	ir _o id _o	d _o d _o pr _o		23		
Chivenor	707	82621	62505	13909	85411	08717	86711	88618		707	72918	62255	11308	78431	06500	84812	86618		707	93061	05	id _o	id _o pr _o		22		
St. Mawgan	817	82519	56605	16109	85411	08612	84712	88619		817	62823	66258	13309	48430	05301	83815	83627		817	01071	05	ir _o d _o d _o	prph _o		21		
Culdrose	809	82614	78026	16709	85411	08713	83712	88622		809	63125	62031	14008	61411	05302	86818			809	93061	04	d _o r _o	pr _o		20		
Scilly	804	82730	63022	17310	85511	09715	88625			804	63127	66258	15309	68411	06303	83812	86625		804	93081	11	ir _o	ir _o pr _o		19		
Elmdon	534	82013	59022	08807	86411	07729	83708	88712		534	32820	69256	05008	32500	03503	83820			534	01041	02	ir _o id _o	rrRRpr _o		18		
Shawbury	414	82318	59588	07409	85311	08729	83707	86711	88623	414	22712	80028	05405	28500	02317	82820			414	01041	01	pr _o d _o dr	d _o r _o d _o r _o pr _o		17		
Manchester	334	82114	62605	05808	85411	07832	85715	88650		334	52816	69256	03706	58400	01303	83718	83635		334	01051	04	ir _o	prpr _o		16		
Squires Gate	318	82421	56506	04607	85411	07732	83619	88627		318	62823	70028	02506	68511	03213	84822	84645		318	01051	04	d _o r _o pr _o	pr _o		15		
Valley	302	82124	58026	05409	85411	09732	86618	88622		302	32827	74028	06506	31500	02217	83820			302	93051	03	ir _o irpr	+		14		
Ronaldsway	204	82225	59602	02309	85411	08834	84710	88618		204	52929	80806	02906	52500	02215	85822			204	91051	03	ir _o pr _o	pr _o		13		
Carlisle	222	72321	58026	00409	75311	07734	84709	85622	87631	222	42517	74018	99505	38530	01312	81822	83635		222	03031	02	rrir _o d _o irpr	pr _o		12		
Watnall	354	82310	32032	06708	85311	07831	86709	88613		354	32916	80016	02906	33500	01502	81720	83925		354	96041	02	id _o	ir		11		
Spurn Head	396	82315	32026	06207	66421	06726	86715	88550		396	72522	59252	99307	79511	06725	87920			396	93050	11	+	pr _o		10		
Finningley	360	72316	57022	05609	55571	07828	82624	84650	87360	360	72825	58516	01207	75511	04507	83625	87634		360	01051	01	+	id _o irrr _o r _o d _o d _o		9		
Dishforth	261	72417	56602	03109	75411	08734	87612			261	52915	80256	99806	42531	05303	84822			261	94051	02	r _o r _o ir _o	pr _o		8		
Tynemouth	262	82512	66028	00509	85611	07737	88635			262	22720	74258	96506	22600	04608	82830			262	94041	01	pr _o pr	prpr _o		7		
Eskdalemuir	162	82407	62215	99206	58411	05731	82818	85645	88460	162	62715	66268	97402	62411	02027	86819			162	09015	50	r _o r _o irpr _o	prprsp		6		
Mull of Galloway	131	82530	74626	00707	87411	07731	88718			131	72928	81028	01604	73411	01218	87918			131	01041	11	11	/		5		
Prestwick	135	82224	58818	98108	83411	05729	83713	88927		135	63020	60808	97406	63511	02208	82920	86628		135	10031	03	RRpr	prph _o r _o		4		
Renfrew	141	72313	62216	96907	78511	06842	83822	87647		141	73018	66178	96204	73431	01209	81710	84826	82915	141	03032	00	r _o r _o pr _o	prtlpr _o		3		
Leuchars	171	72410	70016	95406	15538	04733	81620	84360	86275	171	62517	83256	92403	68511	01308	81825	85645		171	91031	01	ir _o	ir _o pr _o		2		
Dyce	091	32203	83012	93704	15631	02734	81630	83359		091	72817	74256	90004	78411	02503	83815	87635		091	93021	53	+	irpr _o		1		
Wick	075	72215	80026	90904	75611	02726	87630			075	72412	82028	88402	78511	01805	82820	87640		075	01011	51	ir _o pr _o	pr _o so		0		
Cape Wrath	049	72320	81028	89506	78511	02109	84820	84625		049	72720	83028	86603	75611	02713	87630							/	/	-1		
Sule Skerry	010	52719	81028	89807	53511	01709	85925			010	72519	66802	87206	53521	00708	85925	87460		010	94041	03	/	/	/	/	-2	
Lerwick	005	52723	66258	86405	52400	03724	85815			005	62617	80278	84703	22471	52609	82815	85359		005	05015	50	pr _o phr	prphl		-3		
Stornoway	026	82407	61808	91403	88411	02727	82814	88640		026	72714	82258	90803	79411	02306	87919			026	06022	50	pRir	prph		-4		
Benbecula	022	72617	80258	92404	79411	03623	81711	83915	87631	022	72740	62258	93705	69461	03214	81710	84914		022	07031	01	pRph _o r _o	pr _o phR		-5		
Tiree	100	82723	66252	94106	63417	04742	84918	88270		100	32824	66258	96005	33400	02220	81916			100	03031	00	lpr _o phr	phpr _o ph _o r _o		-6		
Aldergrove	917	12318	80216	00907	15600	05734	81635			917	42721	66268	03202	49300	01011	81708	84918		917	07012	00	d _o r _o r _o r _o prphr	prpr		-7		
Malin Head	980	72709	66808	98207	79511	05633	85920	87645		980	72926	64959	01405	79511	02216	87921			980	04031	02	/	/	/	/	-8	
Belfmullet	976	62830	69276	04707	63411	03305	83919	86637		976	73024	64808	07605	73411	03010	87918			976	06031	01	/	/	/	/	-9	
Birr	965	72317	6602																								

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 L _o GG	Nddff	VVwwWW	PPPTT	N _h Ch _s Ch _s	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 Ch _s Ch _s	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	50619	32600	73117	98028	86601	78511	00245	86820	11111	05951	13134	12548	A	50620	33006	12626	99018	89202	13500	00209	81920	11111	05756	12647	12835
B	50565	51000	62721	98858	04554	62500	00822	86820	11111	06458	12635	11741	B	50565	51006	82912	98858	99252	85511	00723	88620	11111	06156	12744	11914
C	50527	35500	62426	97028	18706	21550	00803	82830	84362	05101	17552	11111	C	50527	35506	81525	97612	08006	47521	00761	84820	88458	00004	11623	12658
D	50440	41000	81834	98158	19117	85411	00712	88618	11111	05114	11924	11111	D	50440	41006	81937	98158	14317	85411	00724	88612	11111	00114	11925	11111
I	50589	19100	52738	97018	91305	59400	61118	85918	11111	05800	17745	11111	I	50586	19306	62742	98038	92805	69411	61010	86918	11111	05901	17746	11111
J	50526	19300	72832	97028	14108	59408	00128	83915	85270	05401	17945	17341	J	50525	19106	72934	97252	14708	79500	00704	82920	87630	05504	17945	17341
K	50451	15800	72616	97012	31312	75611	00808	87633	11111	05009	12634	13054	K	50451	15606	52814	97016	30312	48540	00504	82826	83640	05011	12745	13354
M	53657	02000	32526	97278	70004	29441	00722	11111	11111	05402	12558	11111	M	53658	02106	52730	98058	70003	39563	00310	11111	11111	05652	12759	11111

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

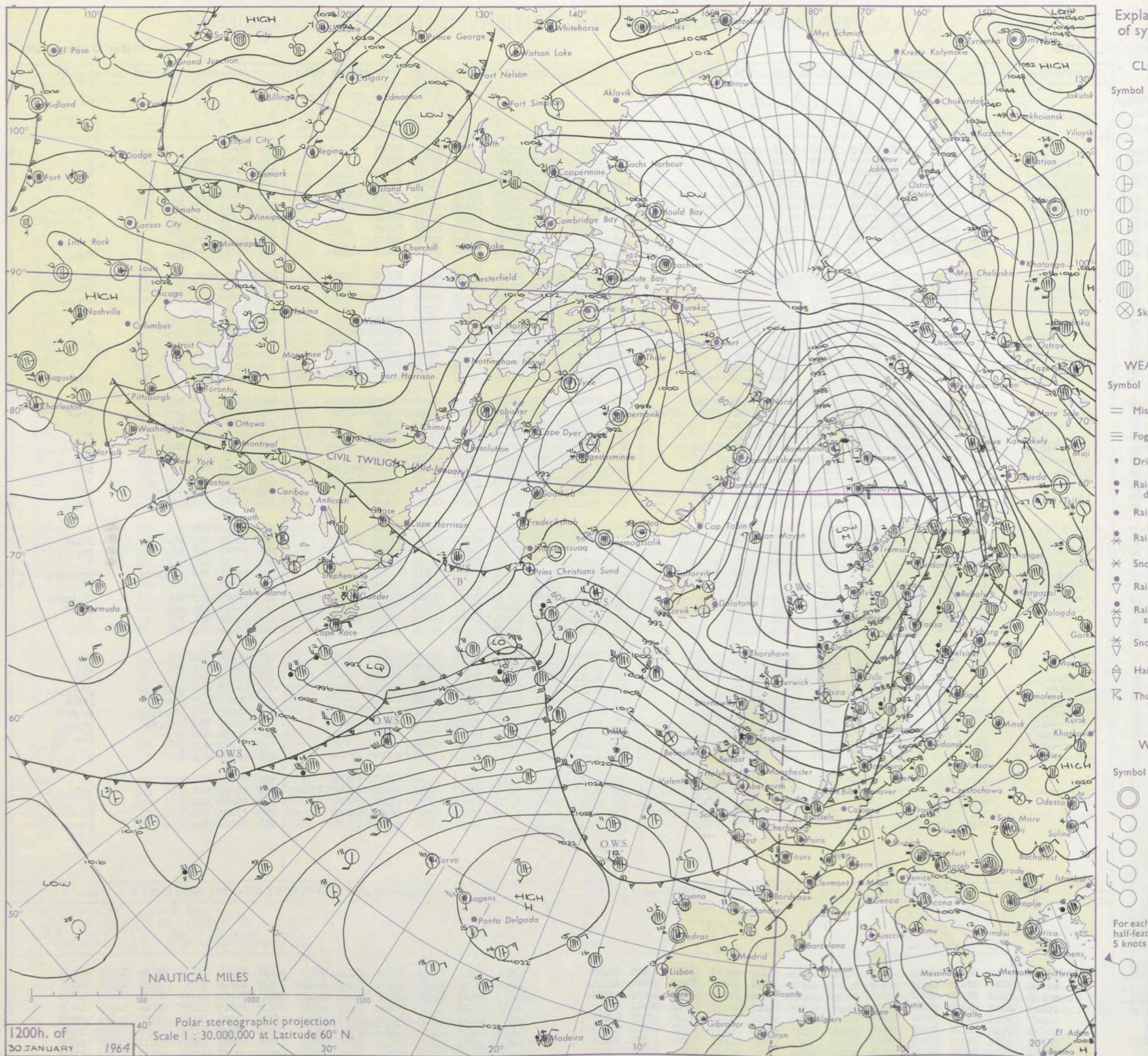
No. 37325

Date of Issue Friday 31 January 1964

VISION
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Code FM II.A		OBSERVATIONS at 12h. 30 January 1964										OBSERVATIONS at 18h. 30 January 1964										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwW	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	VVwwW	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	T	E	WEATHER		
																								09h.—15h.	15h.—21h.	
Kew	775	12918	80026	10408	11500	51218	81828				775	12511	80020	12707	11500	51118	81625				775	00081	070	+	+	
London Airport	772	12921	64011	10607	11500	01228	81825				772	22513	70011	12906	28600	02317	81830				772	00081	068	+	+	
Gatwick	776	13215	82025	10807	11500	50223	81822				776	32712	80030	13305	34600	01217	83640				776	00091	070	+	+	
Thorney Island	871	13021	80028	12408	11400	01222	81818				871	22813	66020	14806	14630	01313	81635				871	00091	072	+	+	
Hurn	862	13018	78028	13608	11400	01220	81818				862	62716	66021	15707	54631	01214	83630	83650		862	00091	///	+	+		
Guernsey	894	53018	70012	16909	38438	01217	81818	83640	85275		894	52916	78031	18807	11405	00109	81816	85075		894	97091	031	+	pro		
Wattisham	590	22722	74026	07506	21400	00222	82815				590	12720	66020	10004	14600	00317	81640			590	00071	///	+	+		
Gorleston	497	72626	62038	05007	75511	01216	87620				497	12510	62021	08106	15500	01216	81625			497	00091	062	+	+		
Mildenhall	578	12822	80036	07007	11500	01114	81820				578	12412	74020	09605	14600	01218	81630			578	00081	070	+	+		
Cardington	559	12720	74028	08907	11400	01220	81815				559	32518	62030	11105	35500	00314	81625	83645		559	97081	079	+	pro		
West Raynham	485	12723	74016	05106	11500	01013	81820				485	12614	69018	08104	15700	01214	81650			485	97071	062	pro	+		
Wittering	462	12727	74026	07207	12500	00113	81822				462	42517	69030	09905	44600	00218	84630			462	97071	070	+	pro		
Boscombe Down	746	72919	74038	12806	78511	01222	84820	86630			746	32719	69038	14205	11501	01210	81820	83078		746	97081	068	+	pro		
Ross-on-Wye	627	22719	77020	11007	21500	51312	82825				627	52612	77011	12606	54500	00208	85625			627	00081	064	+	+		
Bristol	628	52411	66031	13007	51400	01218	85815				628	62612	59012	14306	41532	02215	81820			628	00081	019	+	+		
Aberporth	502	22724	74011	13106	12560	03116	81820				502	72618	74031	13806	42571	05106	84820	86360		502	00081	018	+	+		
Rhoose (Cardiff)	715	12922	74038	14107	18500	02226	81820				715	72818	74031	14906	11571	03113	81825	87075		715	00081	066	+	+		
Plymouth	827	43111	71278	17108	33502	04222	83923				827	72915	59031	17907	18532	05209	81825	87075		827	91091	055	pro	+		
Chivenor	707	33020	74021	16108	12549	03225	81820				707	62918	69018	16307	28501	03107	81820	86070		707	97091	050	pro	+		
St. Mawgan	817	43020	80018	17808	12532	02219	81820	83362			817	52822	69018	18607	38539	04208	81820	84359	85170	817	01091	036	+	prh		
Culdrose	809	63215	69028	17608	32408	01319	81818	86270			809	63018	58018	18807	68411	05108	83710	83630		809	01091	000	pro	pro		
Scilly	804	73123	61028	18608	58471	05218	82812	84625	87460		804	63221	66018	20109	42560	06210	84822	83362		804	01101	010	jp	pro		
Elmdon	534	22824	62011	08607	22600	51120	82832				534	22616	37041	10605	25640	51112	82640			534	00081	065	+	+		
Shawbury	414	72820	80031	09207	52542	00215	85827				414	72716	58811	11005	72411	03215	81818	87824		414	92081	069	+	pr		
Manchester	334	62818	58258	07305	62461	01219	81718	85822			334	62718	61022	08406	64500	01004	86625			334	00061	018	pro	+		
Squires Gate	318	32821	66018	06806	32500	02218	83822				318	42821	61258	07706	48530	03209	82820			318	91061	036	pro	pro		
Valley	302	22723	74020	09007	22430	03209	82818				302	72725	69028	10706	68502	05212	83820	85640	85075	302	97081	065	+	pro		
Ronaldsway	204	32732	80018	06206	38430	03114	81815	83818			204	52823	80031	08406	58540	02215	82822	83645		204	90071	055	+	+		
Carlisle	222	42318	66018	03405	49463	01317	81715	83820	82918		222	72412	66028	05604	78411	02216	82715	84820	85632	222	03061	023	prprs	pr		
Watnall	354	22817	69258	06605	29400	01214	81918				354	52811	58808	08905	54600	01212	85635			354	94061	055	pro	pro		
Spurn Head	396	23025	58021	02706	11540	00212	81825				396	52730	57031	05605	50970	01213	85358			396	00060	065	+	+		
Finningley	360	32733	58258	04605	32530	01312	83820				360	62721	58808	06905	63500	01210	83922	84825		360	93081	065	pro	pro		
Dishforth	261	22821	83011	03206	19482	01218	81915				261	22816	74018	05305	18460	01212	81818			261	97071	068	pro	pro		
Tynemouth	262	52725	61188	09605	21660	02209	82830	83365			262	32720	66021	02605	31500	02214	83825			262	00051	064	+	+		
Eskdalemuir	162	62611	64808	01603	69411	01116	85917	84640			162	32809	69258	04101	38400	00213	82717			162	05031	018	psprspr	prsprpro		
Mull of Galloway	131	42926	74012	04605	39430	01216	83918				131	53227	81028	07205	57411	02214	85714			131	92061	///	/	/		
Prestwick	135	22718	78258	01105	29503	02112	81920				135	72716	62808	03805	79411	02215	81712	84916	85628	135	04061	023	pro	pro		
Renfrew	141	62811	62808	01105	69461	01217	83716	85922			141	62716	56808	02504	69411	01218	82718	86922		141	04072	018	pro	pro		
Leuchars	171	22532	85031	96405	18532	00221	81815				171	12516	83011	99202	13400	502										

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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Cloud
Amount
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7 or more

8
obscured

0
1 or less

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6
7 or more

8
obscured

0
1 or less

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7 or more

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obscured

0
1 or less

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7 or more

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obscured

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1 or less

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7 or more

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obscured

0
1 or less

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7 or more

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obscured

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7 or more

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obscured

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1 or less

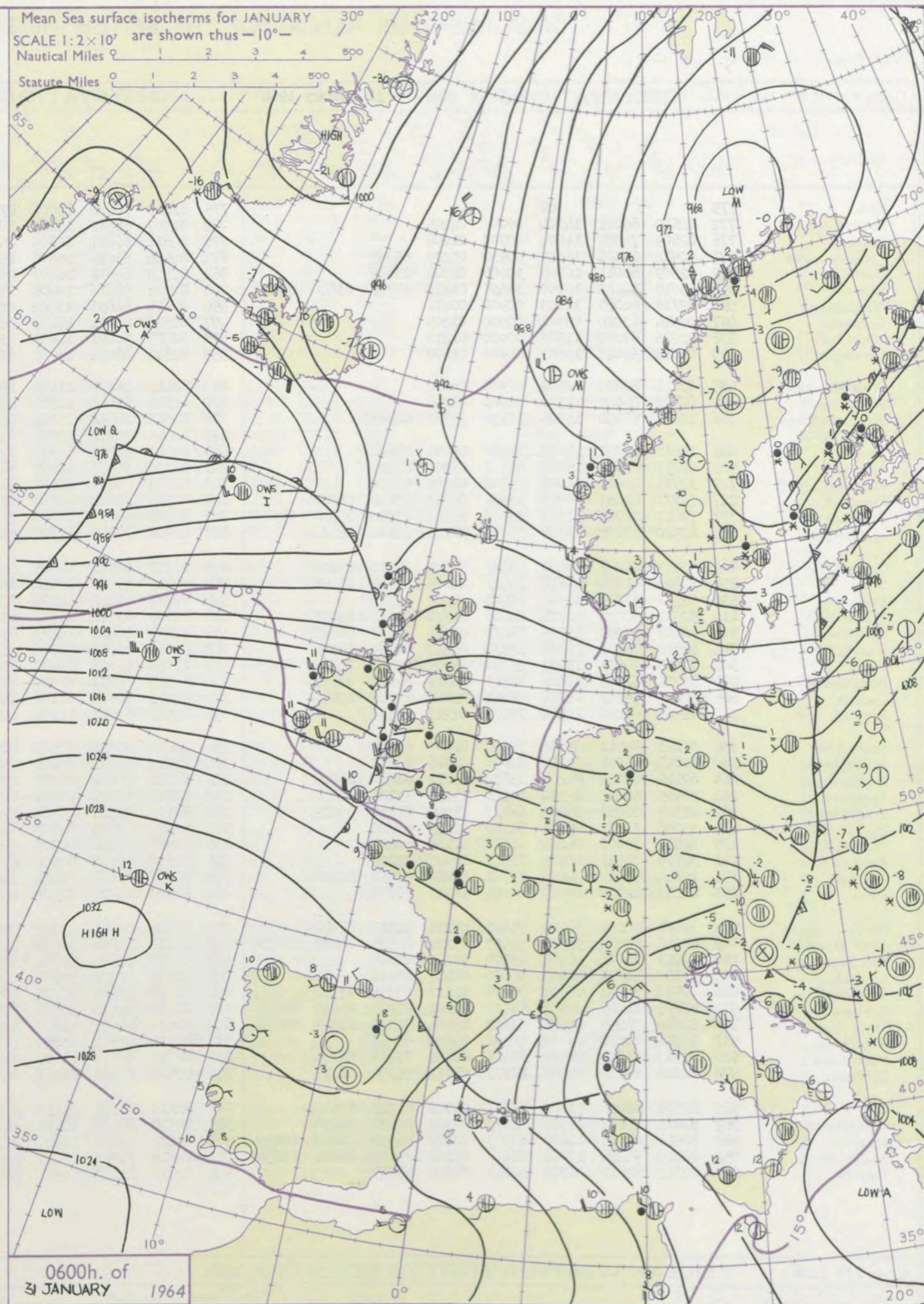
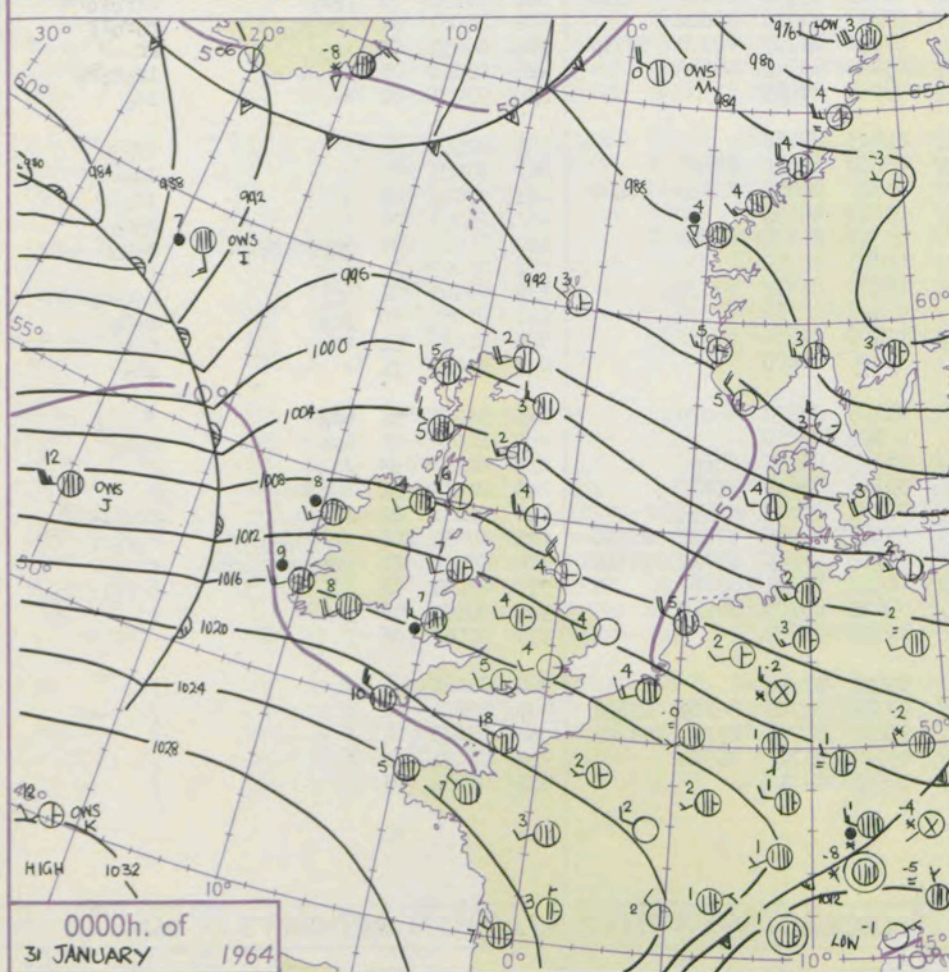
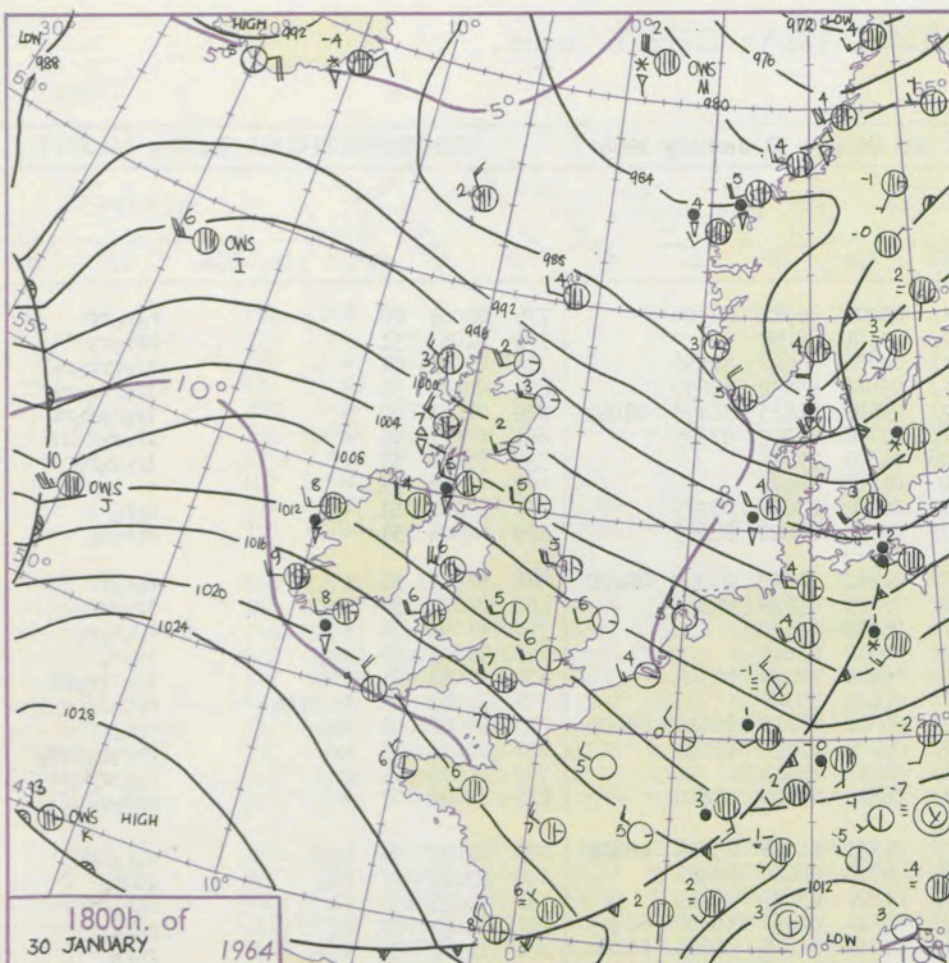
2
3
4
5
6
7 or more

8
obscured

0
1 or less

2
3
4
5
6
7 or more

8
obscured



GENERAL SYNOPTIC DEVELOPMENT

The depression which was south of Greenland yesterday has continued to move steadily east northeast and its warm front has advanced rapidly over western districts of Britain. The depression will maintain its steady eastnortheast progress, and the warm front will clear eastern districts of England and Scotland by evening. The cold front of the depression is expected to move east over most of Scotland and into Northern Ireland tonight.

Issued at midday Friday 31 January 1964

1964

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most of Scotland, central and eastern England will have rain at first. Mainly cloudy weather with occasional rain over western districts will spread east to all parts by evening. Further rain followed by brighter showery weather will reach northwest Scotland this evening, moving southeast over most of Scotland and Northern Ireland later. Mild generally at first, becoming colder in the north.

OUTLOOK for the following 48 hours. Changeable with rain at times in the north and northeast with temperatures near or above normal. Mainly cloudy and mild over southeastern districts of England.

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

Code FM II.A		OBSERVATIONS at 00h. 31 January 1964									OBSERVATIONS at 06h. 31 January 1964									OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	Nddff	VVwwwW	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	iii	Nddff	VVwwwW	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	iii	RRT _n T _n E	T _g T _g	WEATHER			
																						21h.—03h.	03h.—09h.		
Kew	775			06						775	82410	70622	15006	87411	03201	86712	88720		775	02041	00	+		r ₀ r ₀ rr	40
London Airport	772	02610	66021	14304	00900	01203				772	82307	66602	15105	80921	03101	88158			772	02031	51	+		rrr ₀ r ₀	39
Gatwick	776	02609	74020	14802	00900	01206				776	82611	66601	15605	85511	04002	86626	88656		776	02021	01	+		ir ₀ rrr ₀ r ₀	38
Thorney Island	871	52912	69021	16005	50930	03203	85365			871	82404	66616	16606	85611	05801	85632	88650		871	02041	51	+		ir ₀ rrr ₀ r ₀	37
Hurn	862	32509	66011	16705	35600	02204	83645			862	82510	62611	16607	45671	05803	81633	86358	88462	862	01041	02	+		ir ₀ r ₀ r ₀ rr	36
Guernsey	894	53018	70018	16909	38438	01217	81818	83640	85275	894	82716	58616	19808	75411	07706	82712	87625		894	02071	05	+		ir ₀ r ₀ r ₀ ir	35
Wattisham	590	02718	64020	12003	00900	00211				590	72410	64031	13002	00906	01303	87275			590	92011	51	+		ir ₀ r ₀ r ₀	34
Gorleston	497	02514	62020	09704	00900	01205				497	62310	62021	12103	00906	01104	86275			497	00021	51	+		+	33
Mildenhall	578	02206	69020	11503	00900	01210				578	82413	66021	12604	35707	02002	83656	88275		578	93021	51	+		r ₀ r ₀	32
Cardington	559	02418	59028	12603	00900	01108				559	82311	48601	13905	65221	03302	86522	88459		559	02021	51	+		rrr ₀ r ₀	31
West Raynham	485	02614	62010	10302	00900	00212				485	82412	58031	11602	15617	01102	81630	83465	88270	485	95011	51	+		r ₀ r ₀ rr	30
Wittering	462	02717	66028	11704	00900	01208				462	82411	62601	12704	55421	03103	85619	88535		462	03021	50	pr ₀		ir ₀ rrr ₀ r ₀	29
Boscombe Down	746	12813	66020	15505	10930	03303	81362			746	82510	58616	15705	85611	05803	88630			746	01041	01	+		ir ₀ r ₀ r ₀	28
Ross-on-Wye										627	82310	70022	13507	85511	04810	88625			627	93051	03	pr ₀		idir ₀	27
Bristol	628	32612	62021	15006	35500	03004	83625			628	82411	58616	14907	87311	06810	84706	88709		628	01051	01	+		ir ₀ rrr ₀ r ₀	26
Aberporth	502	82717	62602	15407	85511	06001	88627			502	82323	56636	12007	86311	07829	88706			502	11062	05	ir ₀ r ₀ r ₀		rrr ₀ r ₀	25
Rhoose (Cardiff)	715	32914	74011	16006	35700	04308	83650			715	82718	56616	15207	65421	06810	84710	86618	88459	715	06062	04	ir ₀		r ₀ r ₀ rr	24
Plymouth	827	72712	62031	18908	55631	06303	85640			827	82710	32618	18208	37421	08708	83710	88523		827	04071	03	pr ₀		prrr ₀ r ₀ d ₀ d ₀	23
Chivenor	707	73017	74028	17308	58531	05302	81825	85640	87360	707	82518	48632	16008	85411	08813	88614			707	04072	05	pr ₀		r ₀ r ₀ rr	22
St. Mawgan	817	82920	69032	19308	35611	06102	83640	88462		817	82720	32636	17908	85211	08815	85703	88610		817	03081	07	+		rrd ₀ d ₀	21
Culdrose	809	63117	66028	19408	58421	06001	81710	83620		809	82717	40616	18409	85311	08713	84708	85715	88621	809	02072	06	pr ₀		r ₀ r ₀ ir ₀	20
Scilly	804	82924	61028	20610	35421	08805	83617	88458		804	82729	59026	19510	65421	09710	86614	88458		804	93081	//	ir ₀		id ₀ r ₀	19
Elmdon	534	52511	58030	12904	00906	01307	85280			534	82212	69612	12105	35521	03809	83627	88459		534	94031	50	+		r ₀ r ₀ rr	18
Shawbury	414	52511	80038	12704	14606	01310	81630	85075		414	82109	69612	11306	65521	04716	84628	84650	88459	414	01041	00	+		r ₀ r ₀ rr	17
Manchester	334	72407	59031	11505	78411	02312	83817	86623		334	82009	66616	10205	65411	03816	81615	86625	88460	334	02041	03	+		r ₀ r ₀	16
Squires Gate	318	82818	78031	10706	10937	04212	81360	88275		318	82315	66616	08806	55321	06723	83708	84615	88538	318	06052	03	r ₀ r ₀		rrrr ₀ r ₀ RR	15
Valley	302	72518	74031	13207	25758	05209	82650	84360	87275	302	82025	61626	08607	85411	07838	84712	88622		302	06061	04	rrrr ₀ r ₀		r ₀ r ₀ rr	14
Ronaldsway	204	32720	82031	10406	18515	04211	81825	83275		204	82219	66631	06007	77221	07840	81705	84708	87713	204	06051	03	ir ₀		rr	13
Carlisle	222	62414	59258	08505	58441	02211	81718	85822		222	82111	56616	06306	85411	05823	83715	88625		222	02031	03	pr ₀		ir ₀ r ₀ r ₀	12
Watnall	354	72507	66038	11304	75611	02213	87635			354	82406	62021	11304	80971	03809	88459			354	97031	01	+		id ₀	11
Spurn Head	396	33223	59012	07604	35500	02109	83625			396	82614	58031	09504	80911	02703	88465			396	97031	//	+		ir ₀	10
Finningley	360	12815	61028	09305	15600	02316	81635			360	82310	58021	10206	25621	03808	82630	88457		360	97031	00	+		id ₀ ir ₀	9
Dishforth	261	62618	80031	08205	15632	02212	81630	86075		261	82512	70032	08105	25571	03810	81625	83359	88460	261	97041	01	+		ir ₀	8
Tynemouth	262	32725	66030	05304	00900	02215	83175			262	82515	66021	06206	80921	03810	88459			262	01021	00	+		r ₀ r ₀	7
Eskdalemuir	162	62305	66038	06602	68411	01209	81710	85625		162	82113	48588	05304	87211	03717	84704	88708		162	04013	50	pr ₀ pr ₀ s ₀ id ₀		r ₀ r ₀ d ₀ d ₀ rr	6
Mull of Galloway	131	33226	74011	09105	11502	02208	81820			131	82526	63625	04607	87411	06843	88716			131	06042	//	/		/	5
Prestwick	135	22615	78028	06006	24661	02105	82635			135	81808	64616	02905	85411	05730	81712	88622		135	03041	01	ir ₀		r ₀ r ₀ d ₀ r ₀ rr	4
Renfrew	141	32709	74018	04905	22541	02009	82825			141	82310	66616	02606	85411	05827	85711	88621		141	01031	50	pr ₀		d ₀ r ₀	3
Leuchars	171	42614	83030	02402	15701	50210	81650	84070		171	82607	80021	02404	15621	02709	81635	88465		171	92011	51	+		r ₀ r ₀	2
Dyce	091	62817	82030	00303	00906	51213	86275			091	82103	74022	01002	80911	51806	88465			091	97021	51	+		ir ₀	1
Wick	075	42618	80258	96902	39401	01214	81915	83070		075	72408	80021	97902	35607	01806	83630	88270		075	93011	51	pr ₀		+	0
Cape Wrath	049	82725	83038	96505	59507	03222	84925	84630	88275	049	82711	81608	96904	86511	03705	88720			049	04032	01	pr ₀		r ₀ r ₀	- 1
Sule Skerry	010	42913	81028	96506	43500	02222	84920			010	82709	81808	96706	33511	03707	83920	88460		010	02042	03	/		/	- 2
Lerwick	005	33110	74278	91303	39400	00317	83915			005	52905	82038	94902	24405	53106	82619	85270		005	01013	51	ph ₀ ph ₀ r ₀		+	- 3
Stornoway	026	72710	66258	00205	39406	02112	83916	87275		026	81909	59618	97105	45521	04831	84620	88550		026	04032	02	prspr		prrr ₀ r ₀	- 4
Benbecula	022	82625	74028	01806	53517	03801	81923	85640	88270	022	81719	62636	96506	75421	05743	81715	87625	88556	022	07051	04	pr ₀ ph ₀ r ₀ r ₀ r ₀		r ₀ r ₀ rr	- 5
Tiree	100	82816	74258	04505	33407	03104	81710	83918	88270	100	81819	48636	98007	57221	07747	81705	84712	88540	100	08052	02	prhprrr ₀ r ₀ rr		rrdrdr	- 6
Aldergrove	917	82312	80028	09804	80921	03800	88465			917	82116	58616	03507	86211	06747	84705	88707		917	03032	01	id ₀		r ₀ r ₀ rrir ₀	- 7
Malin Head	980	82513	64618	07507	86411	06803	85713	88724		980	82722	56616	01009	86311	09629	86706	88710		980	06051	03	/		/	- 8
Belmullet	976	82216	61618	09608	87311	07817	85709	88713		976	82623	62605	06411	86311	10305	88707			976	07081	06	/		/	- 9
Birr	965	82509	66026	13707	85411	04606																			

Code FM 21.A		OCEAN WEATHER STATION REPORTS at 00h.												OCEAN WEATHER STATION REPORTS at 06h.											
O.W.S.	YQ L _a L _a L _a	L _o L _o L _o G G	N d d f f	V V w w W	P P T T	N _h C _h C _h M _h	D _s V a p p	8 N _s C _s h _s h _s	8 N _s C _s h _s h _s	O T _s T _s T _s d _s d _s	I d _w d _w P _w H _w W	I d _w d _w P _w H _w W	O.W.S.	YQ L _a L _a L _a	L _o L _o L _o G G	N d d f f	V V w w W	P P T T	N _h C _h C _h M _h	D _s V a p p	8 N _s C _s h _s h _s	8 N _s C _s h _s h _s	O T _s T _s T _s d _s d _s	I d _w d _w P _w H _w W	I d _w d _w P _w H _w W
A	60620	32100	52210	97261	85402	59511	21609	83920	83640	05951	12221	12448	A	60620	30006	70705	97028	81202	19471	23729	82915	84635	05851	10721	14915
B	60565	51000	63330	98858	00353	68500	00000	86820	11111	06359	13334	12714	B	60565	51006	63024	98858	02055	62500	00302	86820	11111	06759	13044	11111
C	60527	35500	81841	06616	88910	37221	00625	83702	88512	00606	16841	11111	C	60527	35506	52243	97806	84007	58400	00507	82815	83640	00004	17154	11111
D	60140	41000	62536	98028	08014	31410	00229	83815	83164	05607	12449	11111	D	60140	41006	82621	98152	12411	72407	00219	87817	11111	06105	12547	11111
I	60589	19100	81714	97616	89507	85511	00743	88620	11111	05506	11733	12559	I	60590	18906	82324	96616	83810	85511	00727	88620	11111	00210	12334	12647
J	60525	18900	82432	97028	10142	88411	51304	81810	88625	00310	17442	11111	J	60525	19206	82433	97038	09311	88411	51813	86815	11111	00109	17442	11111
K	60450	16100	32410	98011	32012	38402	00400	81815	11111	05110	10010	12734	K	60450	16006	72415	98021	31012	78411	00501	81815	87630	05008	12433	12735
M	63659	01800	43018	97268	85000	39560	00219	11111	11111	06153	13057	11111	M	63659	01906	53022	98268	86901	59500	00207	11111	11111	06255	13056	11111