

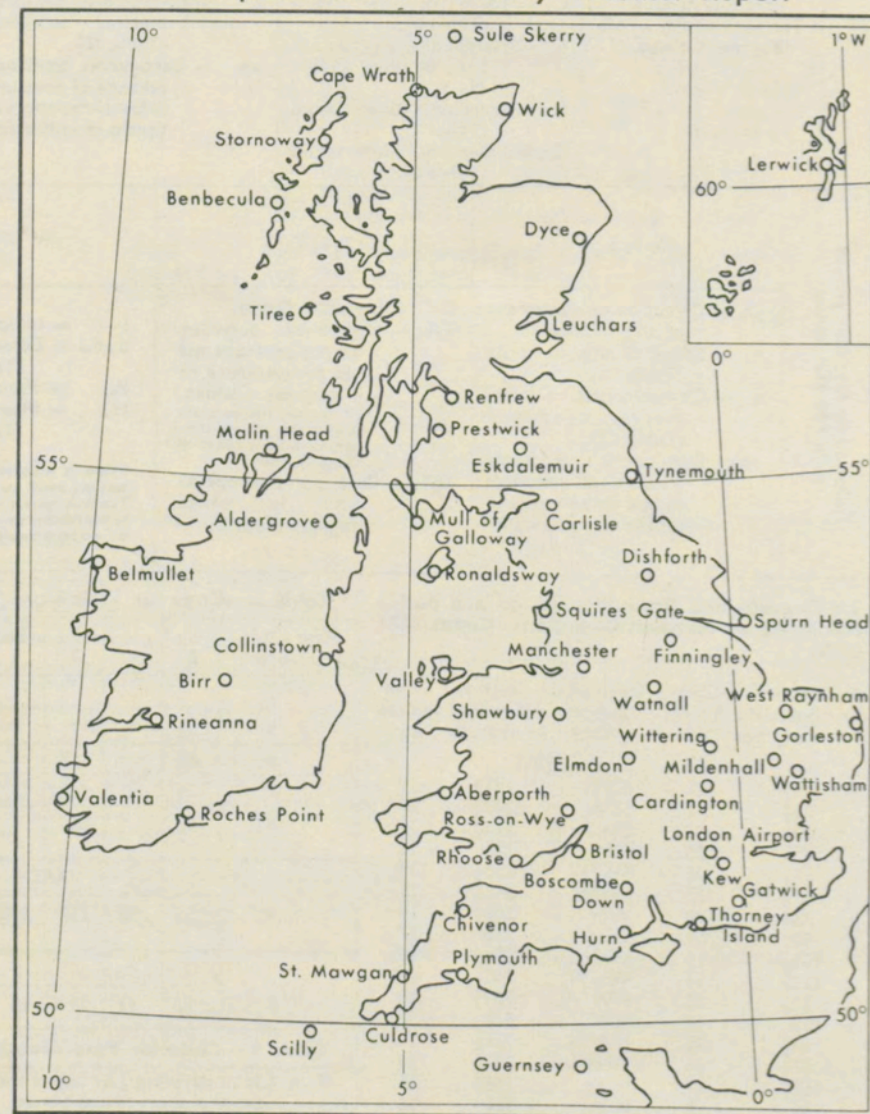
THE DAILY WEATHER REPORT

(INTRODUCTION)



1st July to 30th September, 1963

Stations published in the Daily Weather Report



METEOROLOGICAL OFFICE
Bracknell, Berkshire

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		has decreased during preceding hour. no appreciable change during preceding hour. has increased during preceding hour. has decreased during preceding hour. no appreciable change during preceding hour. has increased during preceding hour. Slight or moderate drifting snow. } generally low. Heavy drifting snow. } Slight or moderate blowing snow. } generally high. Heavy blowing snow. }	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	Slight or moderate duststorm or sandstorm.			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	Severe duststorm or sandstorm.			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	Slight or moderate drifting snow.			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	Heavy drifting snow.			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	Slight or moderate blowing snow.			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	Heavy blowing snow.			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.	thunderstorm during the preceding hour, but not at time of observation.
	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 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.	Not falling as shower(s).	50-59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.	91-99 Precipitation with current or recent thunderstorm	The expression "at the station" refers to a land station or a ship. † Tornado cloud or water spout. * Ice pellets type (a)—Frozen raindrops or largely melted and refrozen snowflakes. type (b)—Pellets of snow encased in a thin layer of ice.	91	Slight rain at time of observation.	thunderstorm 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.					
30-39 Duststorms, Sandstorms, drifting or blowing snow.	30		Characteristic change of the state of the sky during the past hour.	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	The expression "at the station" refers to a land station or a ship. † Tornado cloud or water spout. * Ice pellets type (a)—Frozen raindrops or largely melted and refrozen snowflakes. type (b)—Pellets of snow encased in a thin layer of ice.	80	Rain shower(s), slight.	thunderstorm during the preceding hour, but not at time of observation.
	31	Slight or moderate duststorm or sandstorm.			41	Fog or ice fog in patches.			81	Rain shower(s), moderate or heavy.	
	32				42	Fog or ice fog, sky discernible.			82	Rain shower(s), violent.	
	33				43	Fog or ice fog, sky not discernible.			83	Shower(s) of rain and snow, slight.	
	34	Severe duststorm or sandstorm.			44	Fog or ice fog, sky discernible.			84	Shower(s) of rain and snow, moderate or heavy.	
	35				45	Fog or ice fog, sky not discernible.			85	Snow shower(s), slight.	
	36	Slight or moderate drifting snow.			46	Fog or ice fog, sky discernible.			86	Snow shower(s), moderate or heavy.	
	37	Heavy drifting snow.			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.	
	38	Slight or moderate blowing snow.			48	Fog, depositing rime, sky discernible.			88	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.	
	39	Heavy blowing snow.			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.	
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.	Not falling as shower(s).	50-59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.	91-99 Precipitation with current or recent thunderstorm	The expression "at the station" refers to a land station or a ship. † Tornado cloud or water spout. * Ice pellets type (a)—Frozen raindrops or largely melted and refrozen snowflakes. type (b)—Pellets of snow encased in a thin layer of ice.	91	Slight rain at time of observation.	thunderstorm at time of observation.
	41	Fog or ice fog in patches.			51	Drizzle, not freezing, continuous.			92	Moderate or heavy rain at time of observation.	
	42	Fog or ice fog, sky discernible.			52	Drizzle, not freezing, intermittent.			93	Slight snow, rain and snow mixed, or hail at time of observation.	
	43	Fog or ice fog, sky not discernible.			53	Drizzle, not freezing, continuous.			94	Moderate or heavy snow, rain and snow mixed or hail at time of observation.	
	44	Fog or ice fog, sky discernible.			54	Drizzle, not freezing, intermittent.			95	Thunderstorm, slight or moderate, without hail but with rain and/or snow at time of observation.	
	45	Fog or ice fog, sky not discernible.			55	Drizzle, not freezing, continuous.			96	Thunderstorm, slight or moderate, with hail at time of observation.	
	46	Fog or ice fog, sky discernible.			56	Drizzle, freezing, slight.			97	Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation.	
	47	Fog or ice fog, sky not discernible.			57	Drizzle, freezing, moderate or heavy (dense).			98	Thunderstorm combined with duststorm or sandstorm at time of observation.	
	48	Fog, depositing rime, sky discernible.			58	Drizzle and rain, slight.			99	Thunderstorm, heavy, with hail at time of observation.	
	49	Fog, depositing rime, sky not discernible.			59	Drizzle and rain, moderate or heavy.					
50-59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.	Not falling as shower(s).	60-69 Rain at time of observation.	60	Rain, not freezing, intermittent.	91-99 Precipitation with current or recent thunderstorm	The expression "at the station" refers to a land station or a ship. † Tornado cloud or water spout. * Ice pellets type (a)—Frozen raindrops or largely melted and refrozen snowflakes. type (b)—Pellets of snow encased in a thin layer of ice.	91	Slight rain at time of observation.	thunderstorm at time of observation.
	51	Drizzle, not freezing, continuous.			61	Rain, not freezing, continuous.			92	Moderate or heavy rain at time of observation.	
	52	Drizzle, not freezing, intermittent.			62	Rain, not freezing, intermittent.			93	Slight snow, rain and snow mixed, or hail at time of observation.	
	53	Drizzle, not freezing, continuous.			63	Rain, not freezing, continuous.			94	Moderate or heavy snow, rain and snow mixed or hail at time of observation.	
	54	Drizzle, not freezing, intermittent.			64	Rain, not freezing, intermittent.			95	Thunderstorm, slight or moderate, without hail but with rain and/or snow at time of observation.	
	55	Drizzle, not freezing, continuous.			65	Rain, not freezing, continuous.			96	Thunderstorm, slight or moderate, with hail at time of observation.	
	56	Drizzle, freezing, slight.			66	Rain, freezing, slight.			97	Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation.	
	57	Drizzle, freezing, moderate or heavy (dense).			67	Rain, freezing, moderate or heavy.			98	Thunderstorm combined with duststorm or sandstorm at time of observation.	
	58	Drizzle and rain, slight.			68	Rain or drizzle, and snow, slight.			99	Thunderstorm, heavy, with hail at time of observation.	
	59	Drizzle and rain, moderate or heavy.			69	Rain or drizzle and snow, moderate or heavy.					
60-69 Rain at time of observation.	60	Rain, not freezing, intermittent.	Not falling as shower(s).	70-79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes.	80-90 Showery precipitation	The expression "at the station" refers to a land station or a ship. † Tornado cloud or water spout. * Ice pellets type (a)—Frozen raindrops or largely melted and refrozen snowflakes. type (b)—Pellets of snow encased in a thin layer of ice.	80	Rain shower(s), slight.	thunderstorm during the preceding hour, but not at time of observation.
	61	Rain, not freezing, continuous.			71	Continuous fall of snow flakes.			81	Rain shower(s), moderate or heavy.	
	62	Rain, not freezing, intermittent.			72	Intermittent fall of snow flakes.			82	Rain shower(s), violent.	
	63	Rain, not freezing, continuous.			73	Continuous fall of snow flakes.			83	Shower(s) of rain and snow, slight.	
	64	Rain, not freezing, intermittent.			74	Intermittent fall of snow flakes.			84	Shower(s) of rain and snow, moderate or heavy.	
	65	Rain, not freezing, continuous.			75	Continuous fall of snow flakes.			85	Snow shower(s), slight.	
	66	Rain, freezing, slight.			76	Ice prisms (with or without fog).			86	Snow shower(s), moderate or heavy.	
	67	Rain, freezing, moderate or heavy.			77	Snow grains (with or without fog).			87	Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed.	
	68	Rain or drizzle, and snow, slight.			78	Isolated starlike snow crystals (with or without fog).			88	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.	
	69	Rain or drizzle and snow, moderate or heavy.			79	Ice pellets type (a).			89	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.	

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. If the sky is not discernible owing to fog or other surface phenomena, figure 0 is reported.

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

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

When there is cloud at several levels below 8,000 ft., N_h and h refer to the lowest layer covering more than $\frac{1}{2}$ of the sky

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.

(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.

CODE FM 11A—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	RR T _x T _x E RR T _n T _n E sss T _g T _g
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01-36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Celsius.	N _h = Amount of cloud the height of which is given by h (Table 1). CL = Form of low cloud (Table 6). h = Height above ground of base of cloud (Table 9). CM = Form of Medium Cloud (Table 7). CH = Form of high cloud (Table 8).	T _d T _d = Dew point temperature in whole degrees Celsius. a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	8 = Indicator figure. N _s = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h _s h _s = Height of base of cloud (Table 12).	RR = Rainfall (Table 18) (Code 3577) (09h-21h) (21h-09h). 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).
CODE FM 21A—Ships						
YQ L ₁ L ₂ L ₃	L ₀ L ₀ L ₀ GG	Followed by first four groups as in FM 11A above.	D _s v _s a pp	O T _s T _s T _d T _d	I dwdw P _w H _w	
Y = Day of the week. Q = Octant of the Globe (0 = west, 3 = east). L ₁ L ₂ L ₃ = Latitude in degrees and tenths.	L ₀ L ₀ L ₀ = 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 $\frac{1}{2}$ 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 of waves to tens of degrees (Table 2). P _w = Period of waves (Table 16). H _w = Mean maximum height of waves (Table 17). When it is possible to make a clear distinction between sea and swell two I 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.	

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.

First Code Figure	0	1	2	Second Code Figure						
	3	4	5	6	7	8	9			
	MILES									
5	3 $\frac{1}{8}$	*	*	*	*	*	3 $\frac{3}{4}$	†	5	
6	6 $\frac{1}{4}$		7 $\frac{1}{2}$		8 $\frac{3}{4}$		10		11 $\frac{1}{4}$	
7	12 $\frac{1}{2}$		13 $\frac{1}{2}$		15		16 $\frac{1}{4}$		17 $\frac{1}{2}$	
8	18 $\frac{3}{4}$		25		31 $\frac{1}{4}$		37 $\frac{1}{2}$		43 $\frac{3}{4}$	
	YARDS								Over 43 $\frac{3}{4}$	
9+	<55	55	220	550	1,100	2,200	2 $\frac{1}{2}$	6 $\frac{1}{4}$	12 $\frac{1}{2}$	
	YARDS								31 or over	
F	<11	11	22	33	44	55	66	77	88	

Waves confused, direction indeterminate (waves equal to or less than $4\frac{1}{2}$ metres)	49
Variable, direction indeterminate (waves greater than $4\frac{1}{2}$ metres)	99

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

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

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

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

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

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

ft.		ft.		ft.		ft.	
Kew ...	18	Bristol ...	192	Carlisle ...	86	Sule Skerry ...	43
Gatwick ...	196	Aberporth ...	376	Wattall ...	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 10.—Code for Characteristic of Barometric Tendency (a) (Code 0200)

0 = Increasing, then decreasing; atmospheric pressure the same as or higher than 3 hrs. ago.	
1 = Increasing, then steady; or increasing, then increasing more slowly.	atmospheric pressure now higher than 3 hrs. ago.
2 = Increasing (steadily or unsteadily).	
3 = Decreasing or steady, then increasing; or increasing, then increasing more rapidly.	
4 = Steady, atmospheric pressure the same as 3 hrs. ago.	
5 = Decreasing, then increasing; atmospheric pressure the same as or lower than 3 hrs. ago.	
6 = Decreasing, then steady; or decreasing, then decreasing more slowly.	atmospheric pressure now lower than 3 hrs. ago.
7 = Decreasing (steadily or unsteadily).	
8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.	

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

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

Table 12.—Code for Height of Cloud (h₁h₂) (Code 1577)

Code figures 01–50 = cloud height in 100s of feet. Code figures 56–80, subtract 50 for cloud height in 1,000s of feet.	
CODE FIGURES 81–89	CODE FIGURES 90–99*
81 = 35,000 feet	90 = less than 150 feet
82 = 40,000 "	91 = 150–300 "
83 = 45,000 "	92 = 300–600 "
84 = 50,000 "	93 = 600–1,000 "
85 = 55,000 "	94 = 1,000–2,000 "
86 = 60,000 "	95 = 2,000–3,000 "
87 = 65,000 "	96 = 3,000–5,000 "
88 = 70,000 "	97 = 5,000–6,500 "
89 = above 70,000 feet	98 = 6,500–8,000 "
	99 = 8,000 feet or higher or no low clouds.

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

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

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

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

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

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

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

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

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

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

m.	ft.	50 added to d _w d _w
0 = <½	<1	0 = 5
1 = ½	1½	1 = 5½
2 = 1	3	2 = 6
3 = 1½	5	3 = 6½
4 = 2	6½	4 = 7
5 = 2½	8	5 = 7½
6 = 3	9½	6 = 8
7 = 3½	11	7 = 8½
8 = 4	13	8 = 9
9 = 4½	14	9 = 9½
/ = Height not determined.		

Notes:—

(i) The range of heights covered by a number is half a metre, e.g., number 3 applies to waves whose heights are between 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)

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

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

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

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

5. EXPLANATION OF CHARTS

BAROMETER. Isobars are drawn for intervals of four millibars.

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

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

CLOUD SYMBOLS

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

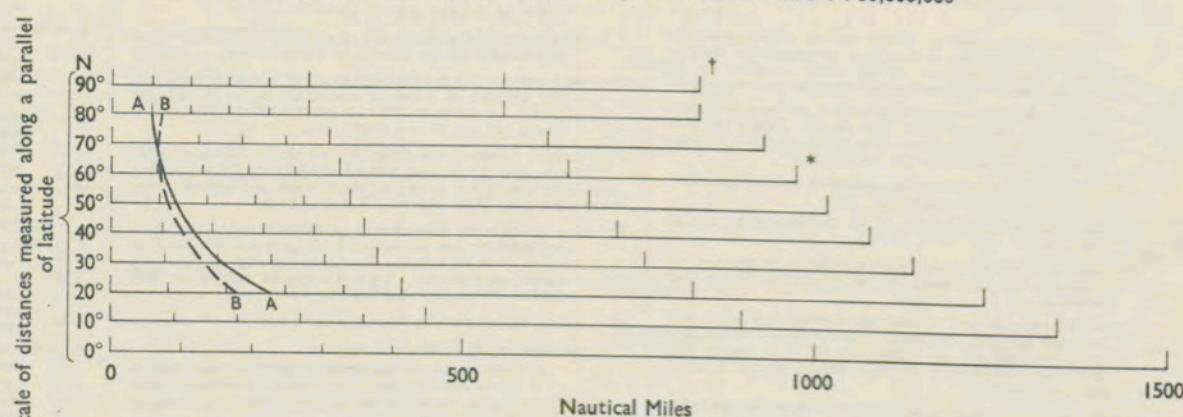
Short strokes across the frontal line indicate Frontolysis.

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

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

6. COMBINED DISTANCE AND GEOSTROPHIC WIND SCALE

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



† Scale of distances measured along a meridian in latitude 80°–90° N.

* Scale of meridian in latitude 0°–80° N. (1 : 30,000,000).

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

D.G.
No. 91

MONTHLY SUMMARY

For JULY 1963

DRY GENERALLY: COOL AND CLOUDY FOR MOST
PART BUT WARM AND SUNNY TOWARDS THE END

During the first five days of the month a shallow depression was centred over southwestern districts of the British Isles with an anticyclone to the northwest of Scotland. On 6th a deepening depression moved eastnortheast across southern districts of England to be followed by northwesterly winds over the British Isles until the 10th. From then until the 19th a series of troughs and weak ridges crossed the country from the west. On 20th, following the passage of a cold front, an anticyclone developed over southern districts and then moved slowly eastwards on the 21st. A depression moving eastnortheast on the Atlantic on the 22nd crossed Ireland on the 23rd and Scotland on the 24th but on the 25th a strong recovery of pressure took place over the British Isles as an anticyclone to the westsouthwest of Ireland moved eastnortheast. This anticyclone crossed southern England on 26th and a strong ridge of high pressure extending southwestwards from it covered most of the British Isles until the end of the month.

From 1st to 5th frequent showers and thunderstorms were widespread. In the extreme north it was sunny and with variable amounts of cloud most southern and western counties also had long sunny periods. Temperatures rose to near or slightly below the seasonal average.

On 6th heavy and continuous rain gave lower temperatures to southern England whilst outbreaks of thundery rain occurred in the north and east. 33mm (1.3") was reported from Manchester and 41mm (1.6") from Gorleston. Temperatures rose a little on 7th and except for northeastern coasts, where cloud and rain and a few isolated thunderstorms occurred, it was mainly sunny in most districts. Cool

weather with rain at times affected all areas over the next few days.

From 14th to 19th successive fronts brought cloudy wet weather to all areas with only temporary improvements in places.

On 20th it became sunny in all areas except the extreme south and southwest of England and temperatures rose generally in southeast England. It remained very cool in Scotland on 22nd where 13°C (55°F) contrasted markedly with the 29°C (84°F) recorded in Sussex, the highest maximum temperature recorded since 1961. This spell of warm and sunny weather was shortlived and by 23rd rain had spread from the west to most eastern counties.

Rain and drizzle were widespread on 24th but apart from a few showers the 25th was a mainly sunny day. In Northern Ireland and Scotland showers continued during the 26th, but elsewhere fine, settled weather became established. Night minimum temperatures were low particularly in the southeast, where Gatwick reported slight ground frost. The dry weather continued in all districts and it became progressively warmer in all areas except in the extreme north of the British Isles. By 30th maximum temperatures exceeding 27°C (81°F) were recorded in places from southern Scotland to the Channel Islands; On the last day of the month it became a little less warm in most places.

Rainfall totals were low for July in most parts of the country. Sunshine was of average duration taking the month as a whole but it took the long sunny days of the last week to compensate for much earlier cloudiness as well as to raise the generally low level of temperature.

PLACE	TEMPERATURE										SUNSHINE										RAINFALL										Days with thunder	Days with snow or sleet	Days with fog (Vis. < 220 yards 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.) mm.	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	20.6	-1.5	12.3	-1.1	26.8	23	08.4	27	00	00	01	14.4	26	204	103	1880	334	1911	103	1888	21	21	06	032	052	1866	151	1956	04	1921	02	00	00
Thorney Island	20.1	-1.3	11.6	-1.5	26.9	22	06.9	27	00	40	01	14.0	28	226	-	-	-	-	-	-	22	19	06	029	056	-	-	-	-	-	00	00	00
Gorleston	18.0	-1.7	12.6	-0.5	22.1	24	08.0	27	00	00	01	14.7	28	228	106	1908	309	1935	103	1910	25	41	06	049	083	1915	121	1940	05	-	00	00	00
Cardington	20.9	-	09.2	-	27.5	30	02.0	28	00	00	02	14.1	28	173	-	-	-	-	-	-	21	10	06	032	060	-	-	-	-	-	00	00	00
Boscombe Down	19.5	-1.5	10.6	-0.7	26.7	30	06.2	27	00	00	02	14.1	27	194	100	1933	284	1934	111	1944	17	15	06	033	052	1931	144	1939	11	1952	00	00	00
Ross-on-Wye	19.6	-1.4	11.3	-0.7	26.6	30	06.0	27	00	00	00	14.3	28	165	091	1915	275	1955	095	1944	18	11	02	045	078	1859	197	1872	06	(a)	03	00	00
Rhose (Cardiff)	18.7	-	11.6	-	26.0	30	07.0	26	00	00	01	14.7	(a)	190	-	-	-	-	-	-	18	09	06	049	065	-	-	-	-	-	01	00	00
Plymouth	18.1	-0.8	11.7	-1.4	24.6	30	07.5	27	00	00	03	14.6	27	194	099	1921	300	1955	114	1944	19	08	04	043	057	1949	115	1956	27	1952	00	00	00
Elmdon	19.6	-1.3	09.8	-1.6	26.7	30	04.5	28	00	00	00	13.7	28	191	107	1928	266	1955	094	1944	19	12	05	053	080	1933	144	1957	11	(b)	05	00	00
Valley	17.4	-0.2	11.0	-1.4	23.7	30	07.2	13	00	00	04	14.5	20	181	098	1913	255	1934	119	1944	17	03	23	021	033	1946	153	1936	26	1955	02	00	00
Manchester	19.2	-1.4	11.2	-0.4	26.9	30	06.6	13	00	00	01	14.8	20	177	116	1945	279	1955	102	1954	17	33	06	058	073	1929	114	1957	19	1955	05	00	00
Watnall	20.0	-0.7	10.2	-1.1	27.5	30	07.0	29	00	00	01	14.1	(b)	159	087	1934	241	1955	110	1937	18	33	06	070	101	1911	154	1939	01	1911	05	00	00
Dishforth	20.2	-0.5	09.9	-2.1	27.1	30	05.1	14	00	00	01	15.2	20	188	115	1945	262	1955	135	1957	14	20	02	046	073	1947	146	1915	20	1948	05	00	00
Tynemouth	15.8	-2.1	10.6	-1.6	23.2	23	07.7	14	00	00	06	14.9	20	163	098	1937	249	1955	086	1944	14	05	25	026	035	1864	111	1956	11	(c)	01	00	04
Eskdalemuir	17.2	-0.5	08.1	-1.1	23.6	30	02.6	24	00	00	04	14.5	20	155	113	1910	257	1955	075	1931	12	27	23	086	068	1910	174	1940	25	1913	03	00	00
Renfrew	17.7	-1.2	10.1	-0.8	24.8	30	06.0	18	00	00	03	13.3	29	160	107	1921	235	1952	086	1931	16	13	23	070	089	1920	243	1953	31	1955	01	00	00
Leuchars	16.9	-1.8	09.2	-1.5	25.6	30	04.9	25	00	00	05	15.5	20	165	097	1922	262	1955	091	1931	13	12	03	045	063	1922	144	1950	17	1928	01	00	00
Dyce	16.3	-1.3	08.9	-1.2	21.5	30	04.0	14	01	00	03	13.8	30	162	106	1925	263	1955	074	1931	13	09	24	051	059	1946	198	1957	25	1955	00	00	00
Stornoway	15.1	-0.8	09.0	-1.4	21.4	30	02.5	12	03	00	02	15.1	22	180	133	1880	227	1917	057	1939	15	09	(d)	066	085	1943	136	1961	14	1955	00	00	00
Aldergrove	17.6	-0.7	09.8	-1.1	24.6	30	02.2	13	02	00	02	13.9	20	162	119	1927	274	1955	086	1954	15	11	14	053	069	1927	155	1950	27	1935	02	00	00
* Equals record											(a) 27, 28 (b) 20, 21										(a) 1911, 1935 (b) 1935, 1947 (c) 1868, 1870 (d) 16, 21												

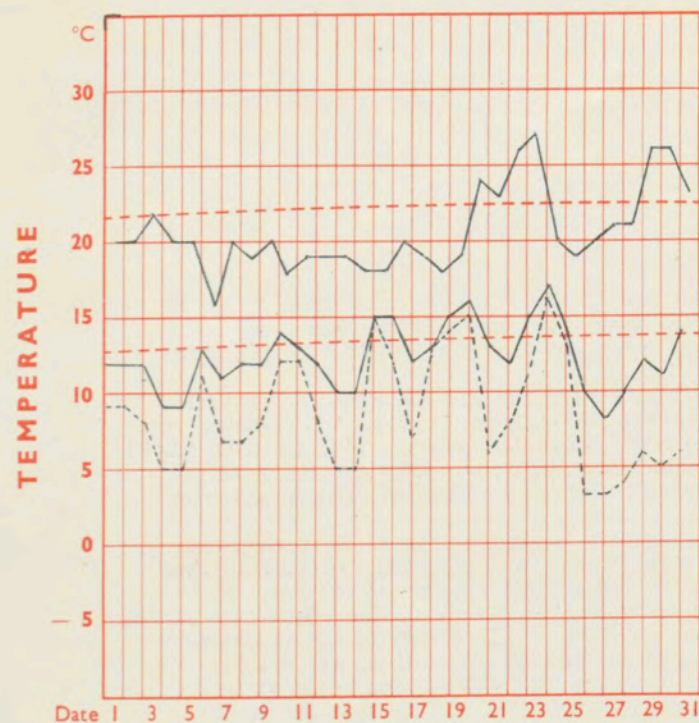
Corrections to Monthly Summary No. 90 June 1963

Cardington:- Rainfall. Days of no rainfall 16. Maximum fall in 24 hours 06 on 07. Total for month 38.

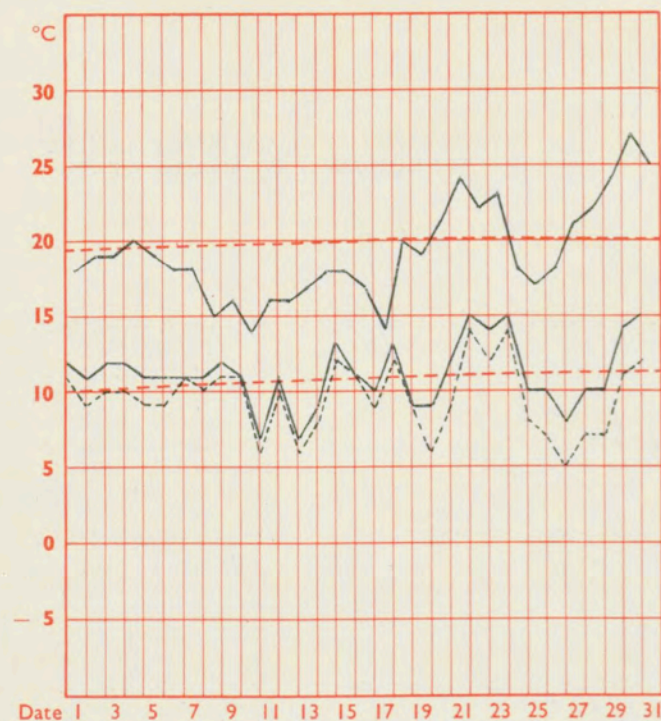
Dyce:- Days of fog 00. Sunshine total for month 150.

Watnall:- Sunshine total for month 191.

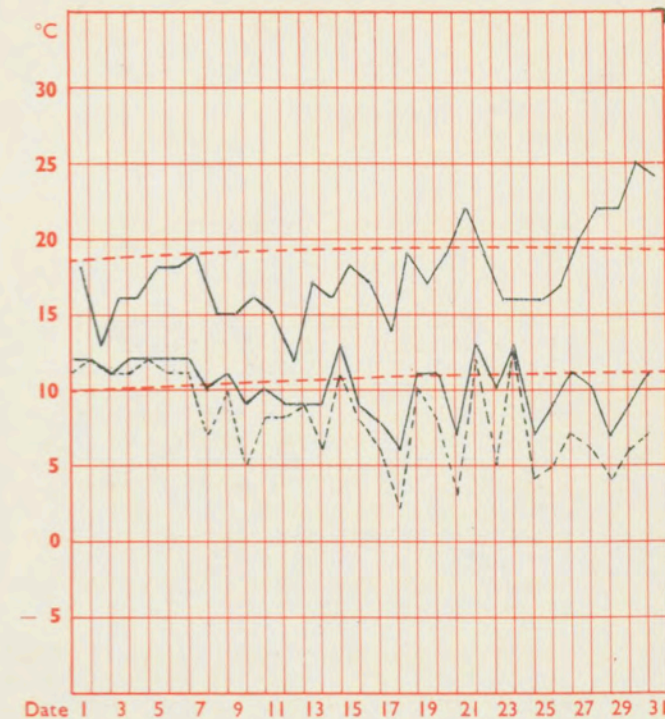
LONDON (Kew)



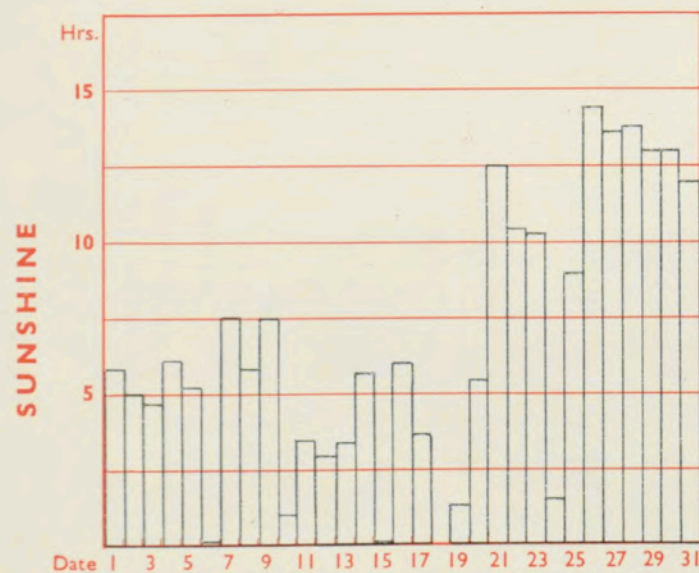
MANCHESTER (Airport)



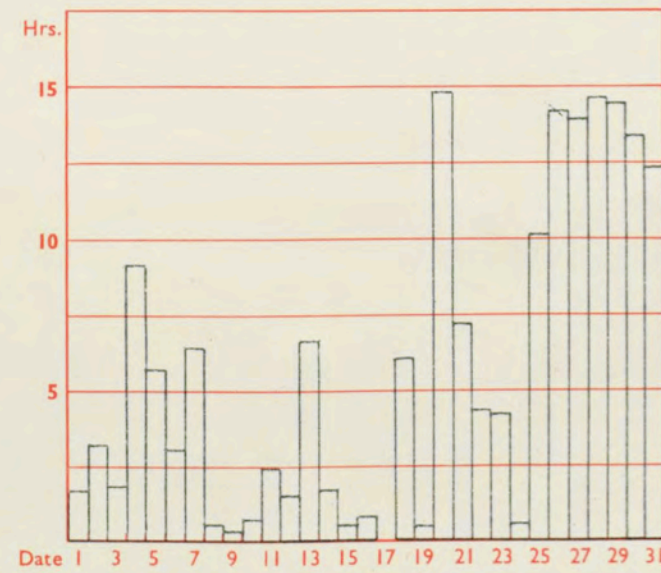
GLASGOW (Renfrew)



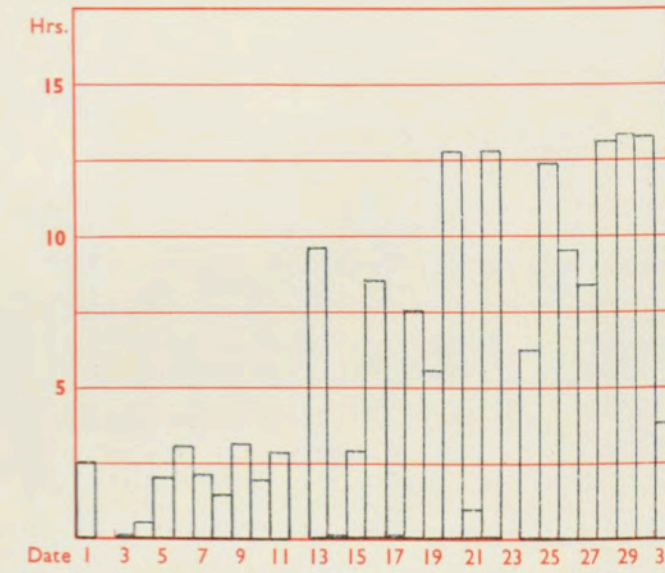
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines. Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values.



Total for month 204 30 year (1921-1950) average 199 hrs.

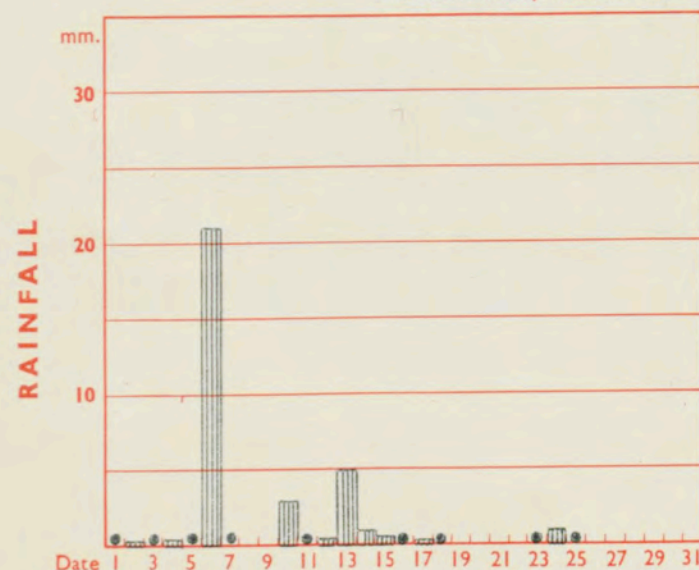


Total for month 177 30 year (1921-1950) average 153 hrs.

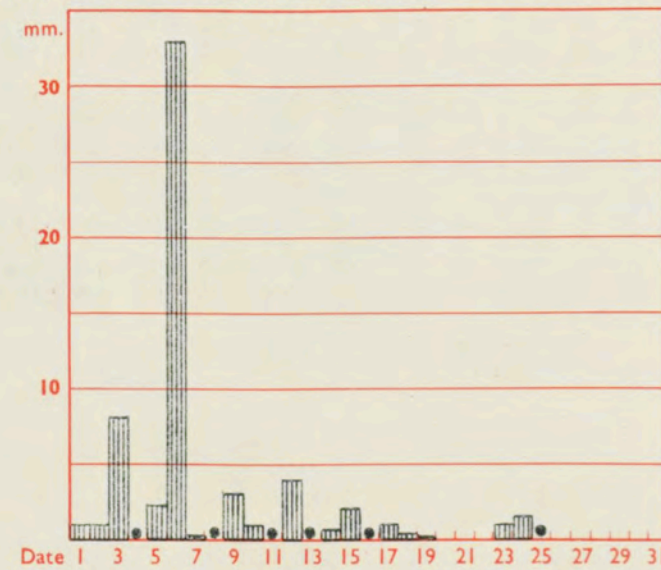


Total for month 160 30 year (1921-1950) average 150 hrs.

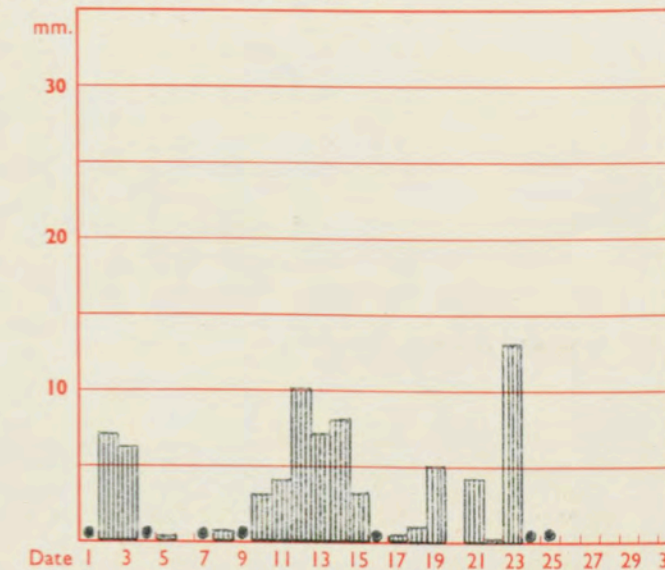
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0.05 mm) is indicated by "●"



Total for month 32 35 year (1916-1950) average 62 mm.



Total for month 58 35 year (1916-1950) average 79 mm.



Total for month 70 35 year (1916-1950) average 79 mm.

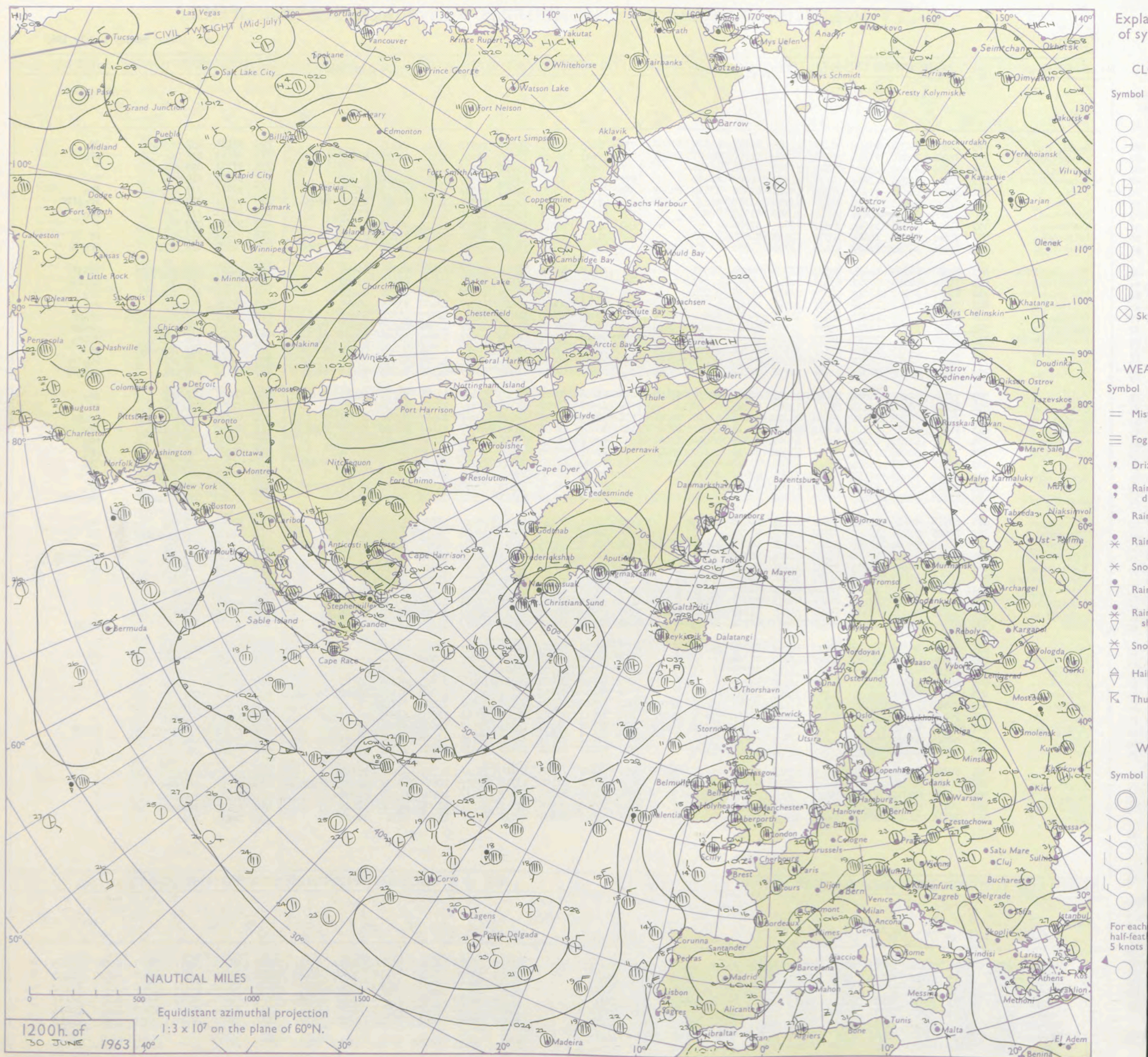
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37111

Date of Issue Monday 1 July 1963

Code FM 11.A		OBSERVATIONS at 12h. 30 June 1963										OBSERVATIONS at 18h. 30 June 1963										OBSERVATIONS during DAY			
Station	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x E	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Kew	775	71808	82258	13416	734//	11503	81715	85825	87650	775	32005	83011	12617	23530	11501	81925				775	95191	057	pRpro	jp	
London Airport	772	72204	74258	13315	785//	12703	81710	86825	85656	772	41811	82018	12716	38501	11501	81825	83656			772	06181	036	pro	pro	
Gatwick	776	71809	74028	13715	784//	11701	86816	86656		776	41907	74018	12916	38530	12802	83828			776	91171	059	pro	+		
Thorney Island	871	71710	74258	13714	784//	12000	86818	87650		871	51803	80028	13414	58500	12502	83820	84650			871	94151	019	pro	+	
Hurn	862	81909	66606	13214	7542/	10202	82712	87614	88459	862	71708	74026	12814	4853/	11702	82713	83820	86360		862	92161	///	iroroRo	iro	
Guernsey	894	62110	70015	13214	4843/	12704	83810	84625	85360	894	71609	66216	12912	7557/	11704	81702	83625	86656		894	92151	014	iro	irojfir	
Wattisham	590	72206	74218	14015	7348/	12805	81918	87822		590	51605	74258	13515	38530	13761	82825	83640		590	03171	///	roRo	pro		
Gorleston	497	71613	62216	15514	755//	12602	87620			497	31611	64011	15214	19570	12301	81920	83360		497	97151	070	iro	+		
Mildenhall	578	71603	74258	14016	4257/	12603	84825	87458		578	31603	80011	13117	28671	12601	81830	83459		578	93181	033	+	pr		
Cardington	559	71306	66038	13417	43638	12703	84830	84270	81930	559	61102	66258	13014	4957/	12400	81920	84656	85360		559	02182	026	iropr	proPR	
West Raynham	485	81510	66608	14415	885//	12701	84820	88657		485	70000	66299	13514	795//	13500	82922	86645		485	04171	035	proirotl	tlRif		
Wittering	462	71802	59818	13713	6347/	12601	86918	86650		462	72402	62809	13315	5843/	12102	83818	85640		462	03161	011	pr	protlr		
Boscombe Down	746	62007	74216	13215	5843/	13801	82710	84814		746	62007	82032	12215	68400	10500	82817	84656		746	01161	027	doRoRR	iro		
Ross-on-Wye	627	71104	70808	12215	785//	11101	85825			627	71202	70022	11515	735//	12400	81925	86635		627	97161	008	pro	+		
Bristol	628	81308	62616	12413	884//	11101	84815	88630		628	70000	56808	11814	785//	13502	85822	87650		628	13151	002	iroroRoRo	propr		
Aberporth	502	73610	59036	11914	7847/	12803	85818	86640	87359	502	70406	62258	11413	3858/	12801	81820	83645	87358		502	01151	009	iropro	propr	
Rhoose (Cardiff)	715	71306	58216	12113	7747/	12401	85712	87359		715	71407	61258	11214	734//	12502	81712	83918	85640		715	07161	004	iriro	propro	
Plymouth	827	81709	58216	11414	856//	13102	83703	86708	88630	827	71609	48802	10814	782//	13704	83803	86809	86656		827	04151	013	irododo	pr	
Chivenor	707	81407	58255	11514	884//	12400	85812	86620	88640	707	71506	80258	10815	6847/	12702	82815	85645	87358		707	12151	002	prpr	proiro	
St. Mawgan	817	73510	61025	10913	52408	12103	81702	83705	85815	817	80507	48618	10912	6547/	12302	84703	86615	88459		817	06151	005	pro	proRo	
Culdrose	809	72104	62012	10614	6842/	12201	84812	85630	87460	809	83604	58808	10314	6342/	12301	84710	86917	88460		809	06141	012	pro	pro	
Scilly	804	83608	48505	11113	862//	12105	88705			804	63510	40025	11714	684//	12102	85810			804	92151	028	ido	+		
Elmdon	534	71105	62258	13314	79463	11202	82915	83635	85360	534	52003	56258	12313	39460	12500	82918	85359		534	02171	043	pro	propr		
Shawbury	414	70905	66258	12813	6347/	12101	83918	83820	87360	414	70705	66026	12015	4357/	11400	81920	83640	87360		414	02161	013	proiro	iro	
Manchester	334	71007	62256	13214	6857/	10001	83825	85640	87462	334	50606	61018	12215	59600	10000	81930	84656		334	03171	015	pro	pro		
Squires Gate	318	70613	62028	13917	785//	13400	81712	84820	86645	318	60713	70018	12816	43431	12703	81918	83656		318	92181	026	iro	pro		
Valley	302	70516	61026	13315	784//	12603	81708	84815	87645	302	60515	66012	12415	4857/	12602	81820	84650	86460		302	91171	029	iro	iro	
Ronaldsway	204	70619	64026	14615	785//	11201	81820	87650		204	70515	66048	13614	784//	11503	81816	87645		204	97160	037	iropro	+		
Carlisle	222	80513	62026	17113	885//	11000	82707	86820		222	70511	58056	15914	3847/	11502	81710	85358	87460		222	97151	000	iro	iro	
Watnall	354	81008	63256	13415	52537	10802	82718	85825	88272	354	71207	59299	13013	685/3	12301	84820	84630		354	10151	004	iropro	protlHR		
Spurn Head	396	80910	59606	14513	5562/	12702	85630	88458		396	70911	32026	14213	764//	12701	87710			396	97140	029	iro	iro		
Finningley	360	70605	74258	14013	794//	13802	87918			360	50808	74038	13415	58500	12202	82825	84640		360	18151	044	proPRpr	pr		
Dishforth	261	80510	58606	15014	7542/	12801	82710	87618	88460	261	70807	60038	14314	6847/	12304	84818	84650	87462		261	91161	002	iro	pro	
Tynemouth	262	80712	24106	17411	864//	10204	88710			262	80510	10616	16311	8032/	11705	88508			262	06112	000	iro	roRorrrff		
Eskdalemuir	162	70712	70036	16715	534/3	11801	85917			162	70507	62052	16113	756//	10802	82710	87632		162	97161	029	+	iro		
Mull of Galloway	131	60917	66032	15613	41608	10502	84830	83270		131	80514	66022	15213	875//	11708	88720			131	00141	///	/	/		
Prestwick	135	50518	66022	16616	585//	10810	81715	83820	85640	135	60515	64022	15616	18531	10804	81825	85075		135	00170	066	+	+		
Renfrew	141	80913	48042	18415	884//	12802	83818	84622	87635	141	50813	59041	17316	42501	11603	84825			141	00170	048	+	+		
Leuchars</																									

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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Wind
speed
(knots)

Calm

1-2

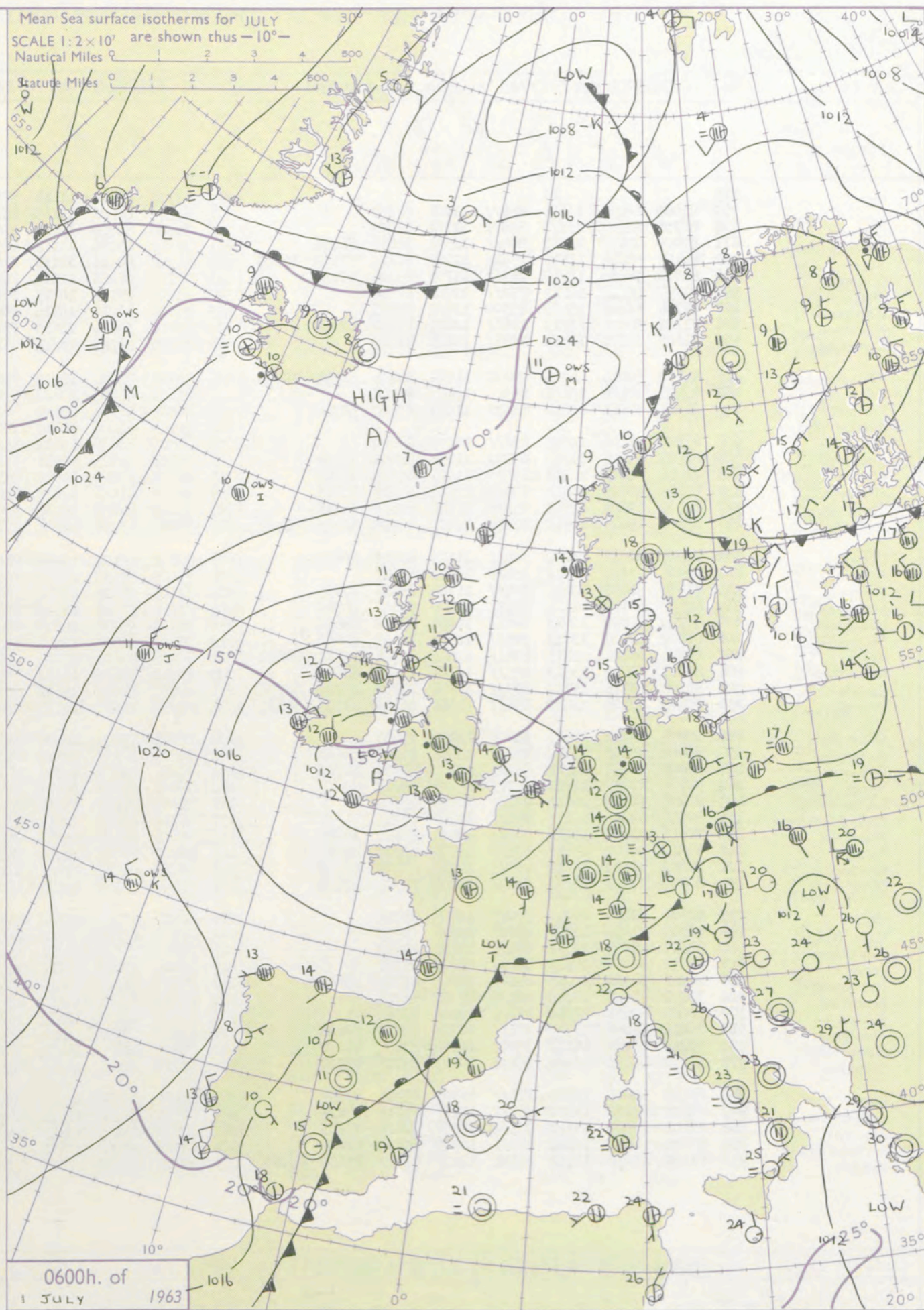
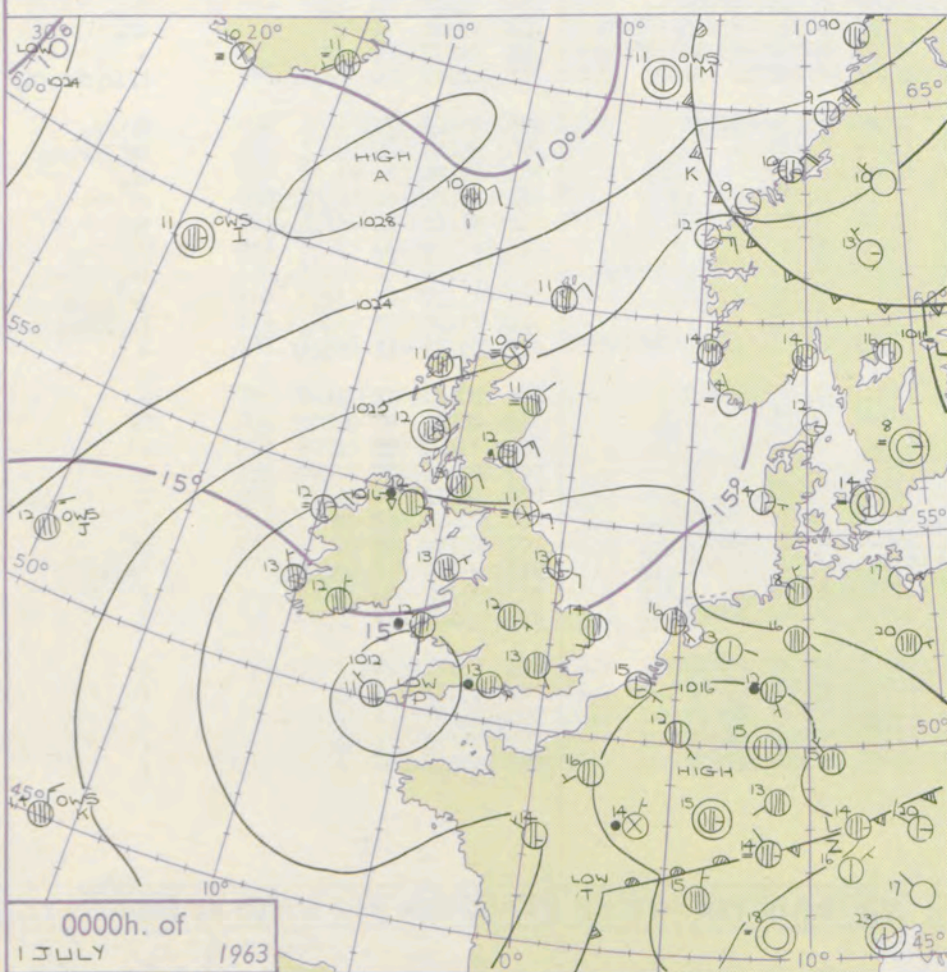
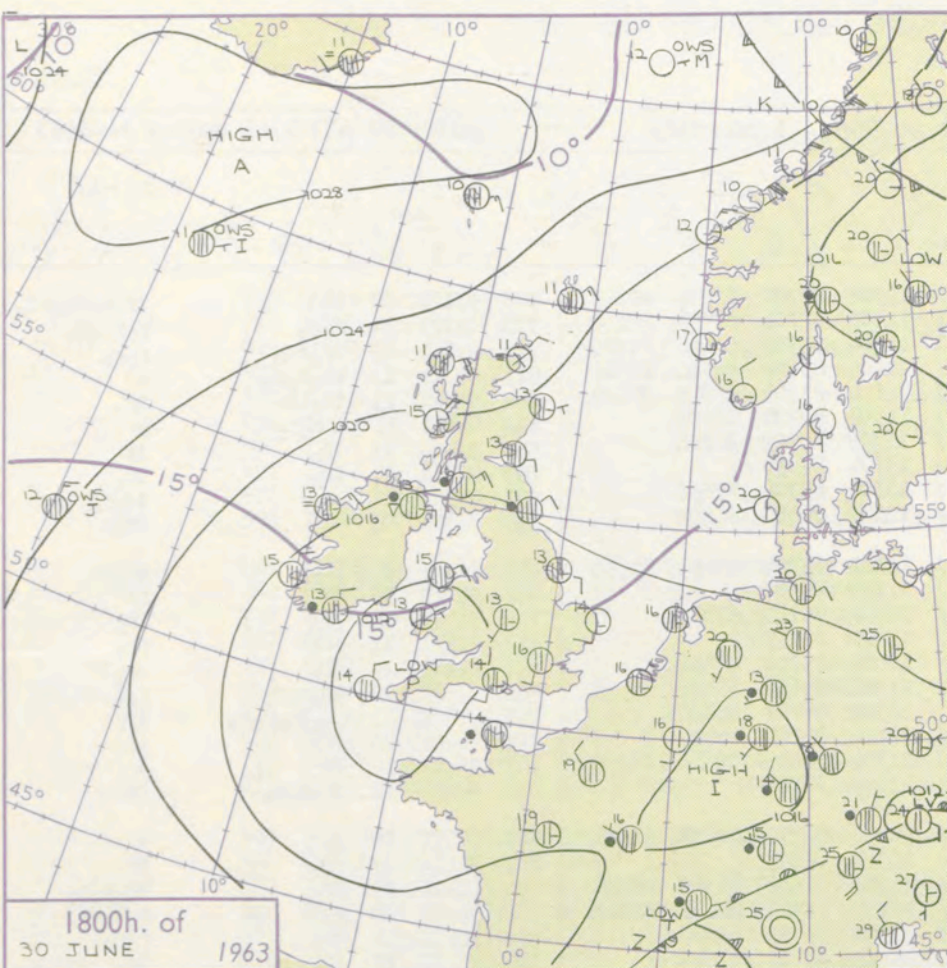
3-7

8-12

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additional
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48-52



GENERAL SYNOPTIC DEVELOPMENT

The depression near Scilly has remained almost stationary and, together with a disturbance which has moved from Spain to east France, will now form a large low pressure system. A belt of high pressure persists from the Azores to Iceland, whilst low pressure features will move east in northern latitudes.

Issued at midday Monday 1 July 1963

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The cold and mainly cloudy weather will persist over much of the British Isles. Local drizzle with coastal and hill fog patches will affect the east, but much of north Scotland will be otherwise dry. Elsewhere, there will be showers or longer periods of rain in many areas, with some thunderstorms.

OUTLOOK for the following 24 hours. Little significant change.

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

OBSERVATIONS at 00h. 1 July 1963											OBSERVATIONS at 06h. 1 July 1963											OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T _g T _e	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			13						775	71703	57506	13113	55731	12302	84709	85650	87358	775	93121	09	1R		1r1r _o 1d _o pr _o	40		
London Airport	772	81402	66031	13413	85811	11801	88657			772	81305	40606	13113	85711	12303	82704	87706	88650	772	01121	10	r _o r _o		r _o r _o ir _o	39		
Gatwick	776	80701	66211	13612	85811	11101	88657			776	71806	58026	13213	65611	12204	85706	85640	87070	776	92111	09	ir _o id _o		r _o r _o	38		
Thorney Island	871	80000	59602	13713	88411	12501	84616	88645		871	71808	63026	13113	65531	12204	83620	86640	86360	871	01121	12	ir _o r _o r _o		+	37		
Hurn	862	81105	58646	12913	75471	12002	81710	87619	88359	862	81708	60016	12113	65421	12104	81708	86612	88459	862	93121	11	ir _o 1R		ir _o	36		
Guernsey	894	81810	70616	12712	76311	11702	85706	88710		894	72111	50286	12912	76011	11308	82701	86702		894	05111	11	ir _o r _o		ir	35		
Wattisham	590	71207	56022	14212	75711	12001	87656			590	81407	20106	14113	86111	13305	83702	88704		590	92121	11	ir _o		1f	34		
Gorleston	497	61708	60016	15114	65500	13802	86625			497	71610	40216	14914	70971	13304	87358			497	97131	11	ir _o		ir _o	33		
Mildenhall	578	71103	59028	13913	14631	12001	81640	87362		578	71003	32106	13613	75711	13301	85704	87656		578	02121	11	pr		id _o r _o	32		
Cardington	559	71605	32108	13311	70951	11801	87360			559	80000	28216	13212	65771	12500	86656	88359		559	02102	07	+		ir _o	31		
West Raynham	485	61110	62014	14411	25632	11003	82635	83359	85075	485	80907	32606	14413	75671	12701	85704	87630	88359	485	02101	05	ir _o		ir _o 1R	30		
Wittering	462	81406	48108	13612	85511	12802	88621			462	91103	04454	13812	91011	12104	89102			462	97111	09	ff		ff	29		
Boscombe Down	746	81401	59032	13611	55671	11007	85640	88360		746	81604	56106	12912	56271	12102	85704	87360		746	91111	10	ir _o		ir _o	28		
Ross-on-Wye										627	80904	57026	11712	76271	11400	87705			627	02111	11	prir		pr _o	27		
Bristol	628	81306	48108	12012	85611	11802	88640			628	80806	40606	11412	85611	12400	85710	88630		628	01111	11	ir _o		ir _o ir	26		
Aberporth	502	81502	62616	11212	65771	11703	86656	88359		502	80607	48626	10811	55771	11500	85656	88460		502	03111	10	ir _o r _o r _o		r _o r _o ir _o pr _o	25		
Rhoose (Cardiff)	715	81410	64606	11413	87411	11001	85708	88710		715	81210	58216	10612	85511	12302	86708	86620		715	01121	11	pr _o ir _o r _o r _o		ir _o	24		
Plymouth	827	81706	28028	10513	85411	12802	83709	88615		827	82207	48026	10412	85511	12104	85706	88620		827	94121	12	ir _o		ir _o	23		
Chivenor	707	81105	59608	10913	85411	11802	84613	88630		707	71202	62026	10513	85471	11304	81615	85630	86360	707	96121	10	ir		+	22		
St. Mawgan	817	83306	19618	10912	77021	12400	86700	86705	88509	817	72407	23216	10511	77111	11103	87702			817	02111	11	pr _o r _o r _o		1R	21		
Culdrose	809	82908	60038	11212	88411	11103	83815	88630		809	62604	28101	10910	68411	10400	82710	84818	86635	809	00091	08	+		+	20		
Scilly	804	72906	57022	11811	75411	11803	87617			804	83006	58036	11512	85411	12303	88618			804	04111	11	ir _o		ir	19		
Elmdon	534	71003	58038	12812	78411	11703	85818	87635		534	81105	20618	12911	35671	11201	83635	85360	88465	534	01101	09	pr _o		pr _o r _o r _o	18		
Shawbury	414	80802	40106	12511	75671	11400	87641	88360		414	81005	20216	12612	65671	12104	82710	86635	88360	414	94111	09	+		r _o r _o rr	17		
Manchester	334	80705	61808	12913	88611	10000	83830	88650		334	70906	56038	12813	56411	11304	85711	85657		334	95121	11	pr _o		r _o r _o	16		
Squires Gate	318	80809	58028	13012	78511	11804	82825	87650		318	70709	56606	13112	75511	12203	81625	87645		318	01121	11	ir _o		ir _o	15		
Valley	302	80406	48028	12413	85611	12602	82708	85630	88650	302	80608	57606	11712	45671	12104	84635	88460		302	92121	10	ir _o		ir _o	14		
Ronaldsway	204	80513	62042	13613	85511	11701	85622	88650		204	80714	61606	13212	85511	11201	82711	85625	88650	204	92121	11	+		ir _o	13		
Carlisle	222	80506	48616	15712	87311	11804	82706	83708	88712	222	80707	58022	15612	88511	11301	82708	83712	86645	222	02110	11	ir _o r _o r _o		+	12		
Watnall	354	80805	23108	13412	85611	11801	81714	83724	88635	354	70905	19216	13513	77211	12205	87703			354	01111	10	pr _o ir _o ff		ffir _o ir _o r _o	11		
Spurn Head	396	50908	59012	14613	55600	12702	85630			396	70908	57802	14312	65631	12400	86630	87358		396	97121	11	+		pr _o ir _o	10		
Finningley	360	80604	30108	14212	85611	12001	84710	88644		360	80805	32102	14112	86311	12305	88706			360	94121	09	+		ir _o ir _o r _o	9		
Dishforth	261	80608	48052	14712	86311	10802	85708	88715		261	80507	48102	14712	86311	11304	88709			261	97111	11	+		ir _o	8		
Tynemouth	262	90708	7476	16311	91011	11103	89111			262	80907	57024	16211	86411													

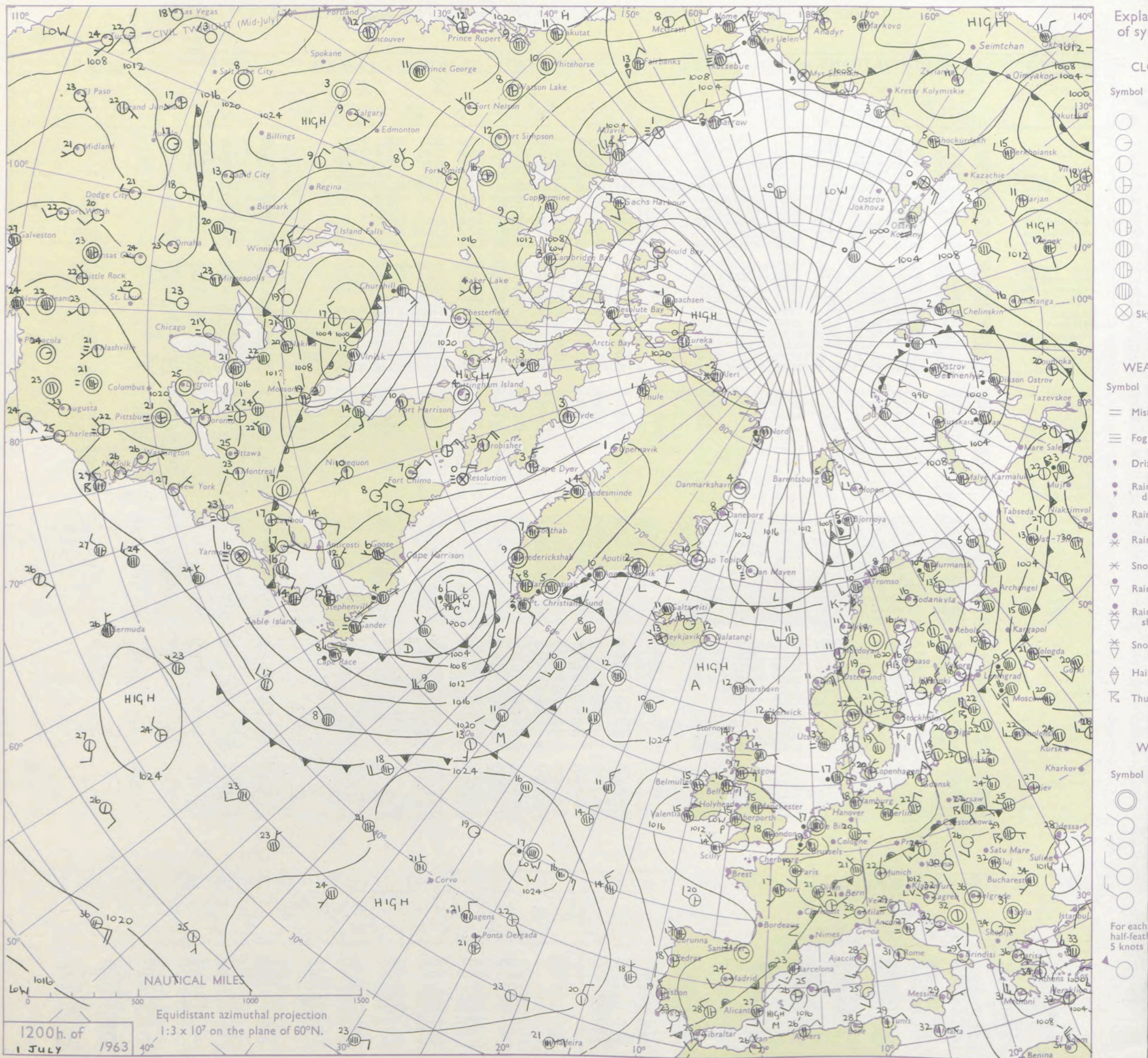
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37112

Date of Issue Tuesday 2 July 1963

Code FM II.A		OBSERVATIONS at 12h. 1 July 1963										OBSERVATIONS at 18h. 1 July 1963										OBSERVATIONS during DAY				
STATION	iil	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	iil	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	iil	RRT	T _s	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
104 Kew	775	71805	78028	14018	7863/	11203	85830	83650	86362	775	71907	70022	14417	11536	11201	81825	87275		775	97201	058	pro		+		
102 London Airport	772	71609	74038	14218	7851/	11203	84825	87657		772	71711	74021	14417	18634	09002	81830	87075		772	97191	040	pro		+		
100 Gatwick	776	61910	66022	14517	5853/	12202	85822	83362		776	72006	62022	14716	11578	11001	81828	84468	85272	776	00191	058	+		+		
99 Thorney Island	871	71709	69012	15016	7841/	13305	84815	87640		871	61606	67022	15116	12532	12000	81820	86075		871	00171	063	+		+		
97 Hurn	862	71910	66016	13915	7841/	12207	81710	83818	87640	862	61805	56052	14414	31401	11103	81708	83818	86075	862	97161	111	iro		+		
95 Guernsey	894	61812	50051	14214	4847/	12105	83810	84650		894	71907	40102	15013	7563/	12303	81701	86640		894	93161	033	pr		pro		
93 Wattisham	590	71509	74022	14818	5853/	13103	84825	83657	86362	590	11411	74011	15117	12602	13303	81830		590	00191	111	+		+			
91 Gorleston	497	51712	62012	15915	12570	14102	81820	85358		497	21410	60021	16315	22501	13400	82820		497	00160	067	+		+			
90 Mildenhall	578	51306	74012	14619	42531	12302	84825		578	71205	78028	14618	68601	13000	82830	85656		578	94211	031	pro		propr			
88 Cardington	559	71605	62258	14416	4953/	11204	84920	87360		559	71504	64022	14317	6358/	12202	83925	86656	86362	559	97191	009	pro		+		
86 West Raynham	485	71816	58816	15316	7351/	13208	87925		485	73004	66038	15116	52602	13304	85830	85072		485	01201	053	proPR		+			
84 Wittering	462	71511	69026	14317	6843/	12302	84818	85650		462	71305	66018	14517	2353/	13400	82920	87358		462	93191	016	irpro		+		
82 Boscombe Down	746	72310	66036	13715	68431	12400	84818	86635	85359	746	32107	62021	14315	11501	12301	81825	83075		746	95171	062	ir		+		
81 Ross-on-Wye	627	71504	63802	12315	7351/	11202	85925	82825		627	32004	60029	12916	22501	11101	82825		627	06171	033	proTLR		+			
79 Bristol	628	71411	62258	12515	7841/	13308	82815	87650		628	41809	62011	13316	32501	10202	83825	83075		628	02181	024	pr		+		
77 Aberporth	502	71109	66038	11215	7351/	11702	86920	85650		502	71507	66018	11915	1256/	11501	81820	87360		502	08161	009	proPR		iro		
75 Rhoose (Cardiff)	715	81508	69808	12115	8851/	12304	85820	88635		715	82304	62636	13113	5853/	12206	83820	85635	88358	715	02171	016	iropro		iroiRrr		
73 Plymouth	827	72013	48022	12915	7841/	12209	83815	87645		827	61811	58031	13614	6251/	12301	86820		827	97160	065	+		pro			
72 Chivenor	707	72907	58802	11715	6847/	12207	84816	85640	87459	707	60000	69029	12615	43431	12201	81912	83640	85075	707	08161	008	proTLR		+		
70 St. Mawgan	817	72109	48808	11913	6843/	11205	81710	85818	87360	817	71006	48818	12912	7941/	12301	83710	87915		817	18142	014	pro		prpr		
68 Culdrose	809	62410	60052	11814	4253/	12304	83708	84812	85358	809	62309	40052	12614	52400	12102	83705	85815		809	00150	059	+		+		
66 Scilly	804	63207	58012	12114	6841/	12302	82812	85616		804	82707	61038	12814	8841/	12205	82814	88628		804	97171	050	pro		+		
64 Elmdon	534	71407	62158	13716	4346/	12301	81712	83918	87359	534	71206	62018	14015	35631	13201	81630	83656	86072	534	91171	010	propro		iropro		
63 Shawbury	414	71108	58258	13116	5857/	11100	83825	83656	87360	414	71107	62258	13115	4857/	11501	82828	83656	87359	414	01171	007	propropr		propr		
61 Manchester	334	70906	56218	13615	7851/	12400	81706	84825	87656	334	71506	62028	13317	28632	09105	81830	86075		334	01181	017	proproiro		pro		
59 Squires Gate	318	80911	37808	14215	8841/	13303	84812	85625	88650	318	81011	59218	13615	5857/	13500	81820	85650	87462	318	01171	003	proproRR		iroir		
57 Valley	302	70712	62606	12516	5587/	13201	85657	87460		302	70405	56299	12515	69462	14003	81915	84650		302	02191	018	iro		tlrpro		
55 Ronaldsway	204	80816	59606	14114	8561/	12302	81714	83635	87645	204	80614	62258	13515	58477	12804	81814	83656	88270	204	97161	014	iropro		pro		
54 Carlisle	222	70711	56258	16316	7853/	13102	81712	84822	85640	222	70608	58018	16315	5857/	12801	83825	84640		222	01171	021	pro		pro		
52 Watnall	354	72305	48219	14015	2253/	13301	82825	86359		354	61602	62028	14016	5563/	11002	85645		354	04181	012	proTLRpro		+			
50 Spurn Head	396	81010	20028	15214	8621/	12205	88705		396	61008	59028	15414	5943/	12202	85915	83360		396	01151	016	pro		pro			
48 Finningley	360	80913	62258	14417	8851/	14503	86820	88635		360	60905	62019	15016	2356/	13306	82920	86360		360	20181	009	pr		proTLR		
46 Dishforth	261	70910	56256	15414	5847/	12400	83812	84645	87362	261	72207	58299	14917	6946/	14302	83915	83825	87360	261	01191	014	irirpro		tlrpro		
45 Tynemouth	262	90508	52478	17411	9101/	11205	8911/		262	80107	11104	17112	8611/	11805	88702		262	92121	000	prFF			FF			
43 Eskdalemuir	162	80710	67252	16714	8841/	11105	86817	88628		162	80504	62258	16713	8561/	11801	82712	88630		162	97151	007	pro		pro		
41 Mull of Galloway	131	60913	660																							

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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Wind
speed
(knots)

Calm

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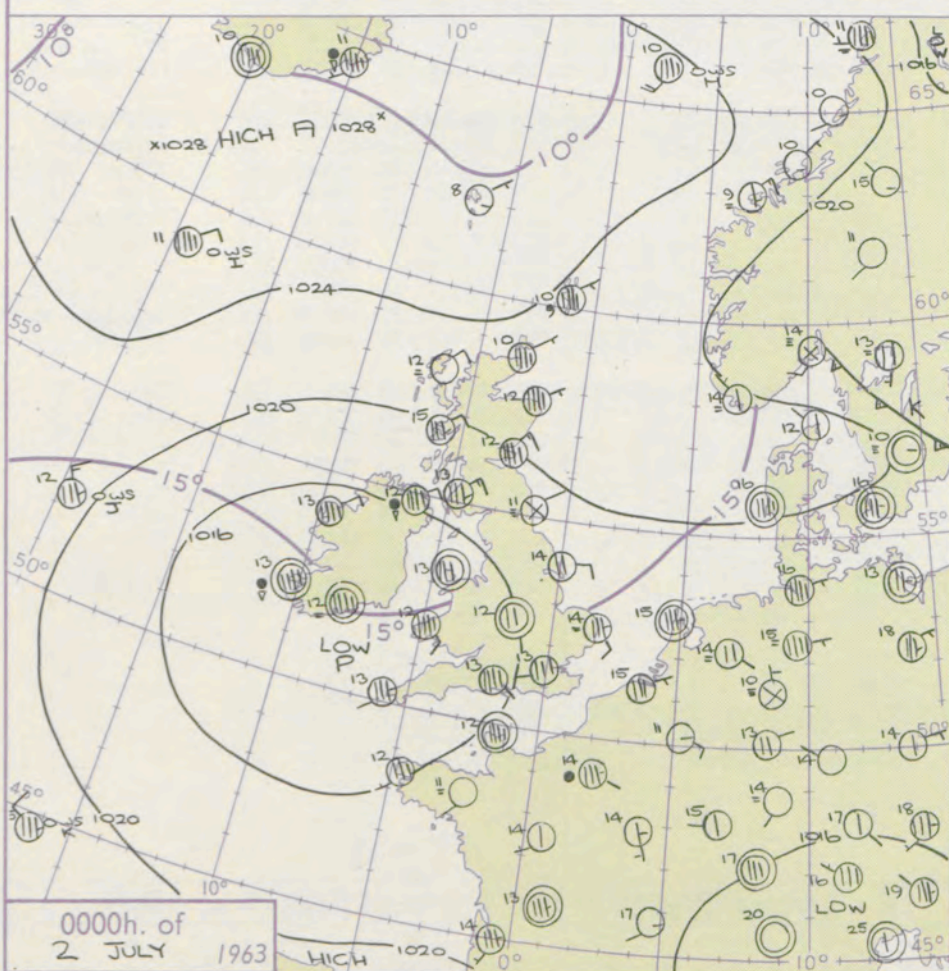
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 2 July 1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

A shallow depression centred off the southwest of England will continue to be slow moving with some further slight filling. An anticyclone to the north of Scotland will also move little but may drift a little southwards as disturbances move round its northern flank. Pressure will remain almost uniform over much of Europe.

England, Wales and Northern Ireland will continue rather cloudy with showers, outbreaks of longer rain and thunderstorms, but some bright intervals. In Scotland, eastern and southern districts will have a good deal of cloud with some rain, but the northwest will be mostly dry with sunny periods. Though generally cool temperatures will be above average in the northwest.

OUTLOOK for following 24 hours
Little change.

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

Code FM 11.A		OBSERVATIONS at 00h.								2 July 1963		OBSERVATIONS at 06h.								2 July 1963		OBSERVATIONS during NIGHT						CONVECTIVE TAR °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	RRRT _n E	T _g T _g	WEATHER						
																						21h.—03h.	03h.—09h.					
Kew	775				14					775	80000	56022	16113	85511	11203	88625				775	00121	09	+	+	40			
London Airport	772	62701	58021	16213	65811	11107	86657			772	73401	33032	16612	35711	11306	83650	84359	85460	772	00121	08	+	+	39				
Gatwick	776	60000	56011	16411	25731	10004	82650	85361		776	70000	20284	16611	55731	11203	85656	84360		776	00101	07	if	if	38				
Thorney Island	871	70701	66021	16112	76311	12001	87709			871	70000	56602	16911	75711	11308	84710	87656		871	97111	09	+	ir _o	37				
Hurn	862	81602	62032	15913	85411	11306	84615	88620		862	80000	32101	16512	45437	11305	84618	88275		862	93091	06	+	irir _o	36				
Guernsey	894	32007	20101	16412	00902	11104	83075			894	62008	19102	16912	45631	11309	82700	84640	86360	894	00111	09	+	+	35				
Wattisham	590	81203	56608	16513	85611	13102	88645			590	73603	23106	16613	55671	13202	82630	85650	87359	590	96120	12	pr _o ir _o	ir _o	34				
Gorleston	497	71710	30101	17114	75411	13204	87617			497	80307	56216	17014	88411	14302	85818	88624		497	02132	12	ir _o	ir _o PR	33				
Mildenhall	578	81102	59032	16514	85811	12110	88657			578	80000	40626	16914	55771	13307	85650	88458		578	02131	10	rrRR	ro _o irir _o	32				
Cardington	559	32502	48101	16410	30930	10211	83360			559	70000	23101	16712	45731	11207	84650	85359		559	00091	06	+	+	31				
West Raynham	485	71405	58031	16812	54762	11207	85656	86070		485	80305	11216	16713	85711	13202	83704	88656		485	00111	07	ro _o	ir _o	30				
Wittering	462	20000	40048	16313	15630	11111	81635			462	70000	28216	16712	45731	11204	84650	86360		462	01111	07	pr _o lir	rrir _o	29				
Boscombe Down	746	50000	40101	16010	00901	10003	85078			746	80000	23284	17011	86211	10207	88705			746	00091	06	if	ff	28				
Ross-on-Wye										627	60000	17101	16311	46301	10205	84708			627	00091	05	+	+	27				
Bristol	628	71702	40101	15711	46422	11109	84710	86460	87075	628	70906	17101	16511	75611	10106	87635			628	00091	05	+	+	26				
Aberporth	502	81609	62026	14112	80971	11206	88360			502	81509	62032	14812	55521	10206	85625	88462		502	00101	10	+	+	25				
Rhoose (Cardiff)	715	71807	62026	14912	35431	11307	83616	87070		715	71308	48102	15812	62431	11307	83712	84816	86360	715	00111	10	+	+	24				
Plymouth	827	71308	58038	14812	75511	12203	87620			827	80803	48806	15411	88511	11210	83710	86825	88650	827	02111	10	ir _o	ir _o PR	23				
Chivenor	707	70000	74032	14711	55531	11209	85625	86360		707	71108	48258	14812	68531	11301	82820	85638	87359	707	91111	09	+	pr _o	22				
St. Mawgan	817	81607	28108	14312	65571	11105	84701	86620	88357	817	81507	28105	14712	65631	11308	82703	86630	88357	817	97111	06	+	id _o	21				
Culdrose	809	82105	28102	14212	86311	11207	88707			809	72104	14054	14413	12431	11206	84702	86362		809	00110	11	+	if	20				
Scilly	804	72402	61012	13813	45631	12104	84630	86358		804	61804	48032	13912	45531	12301	82705	84622	86360	804	00121	11	+	+	19				
Elmdon	534	40000	48048	15812	45600	11210	81630	83656		534	71802	11284	16909	26081	09208	82701	87360		534	97071	05	+	FF	18				
Shawbury	414	71302	20118	15411	45771	11211	84656	86359		414	70000	02424	16509	25772	08208	82656	86360		414	00071	04	ffff	FFFF	17				
Manchester	334	81007	56022	15414	80971	10206	88360			334	60902	48032	15412	15732	10310	81650	86075		334	97111	09	ir _o	+	16				
Squires Gate	318	70908	28046	15613	45731	12211	84656	87360		318	70706	28101	16712	10932	12209	81362	87072		318	97101	06	ir _o	+	15				
Valley	302	60000	66018	14413	15672	12210	81640	83459	86075	302	40403	66011	15511	00902	10208	84075			302	95091	06	pr _o	+	14				
Ronaldsway	204	80816	59046	14913	45777	11111	81713	84650	86462	204	80813	56046	16313	75611	12310	81709	87645		204	97131	12	ir _o	ir _o	13				
Carlisle	222	80610	32052	17613	85611	11105	85710	88635		222	70607	59052	18513	78411	11307	85708	83818	86635	222	92121	11	+	pr _o	12				
Watnall	354	60801	48299	16012	68511	11006	82820	86640		354	90000	01456	16812	91011	12309	89102			354	95101	06	tlr	ffir _o FF	11				
Spurn Head	396	40910	59018	16614	45600	13208	84630			396	81208	16604	17211	56421	11305	85710	88460		396	91112	11	+	ir _o FFpr _o ff	10				
Finningley	360	30906	56018	16613	30930	12107	83359			360	80705	14616	17512	25621	12209	82630	8858											

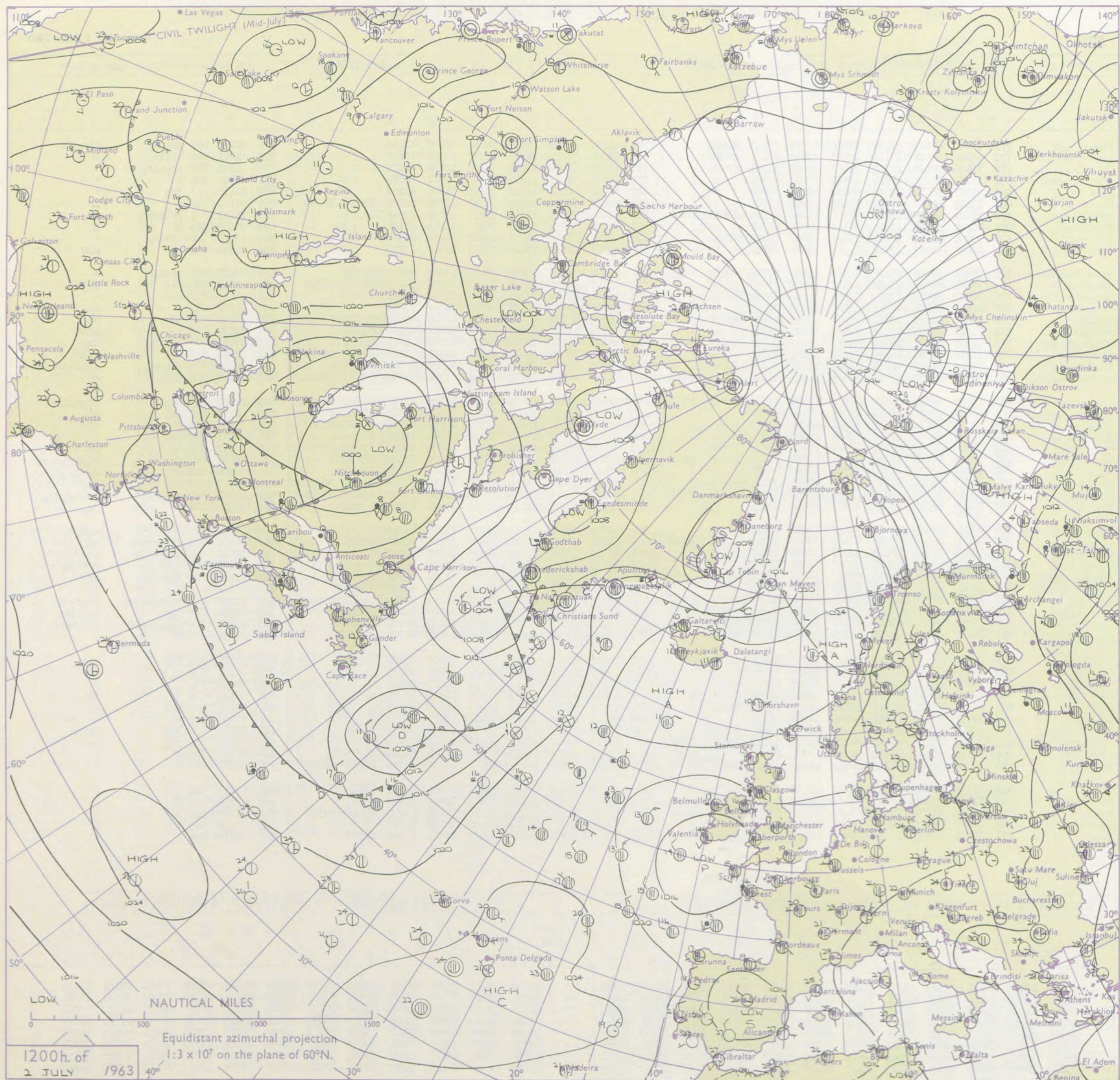
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37113

Date of Issue Wednesday 3 July 1963

Code FM II.A		OBSERVATIONS at 12h. 2 July 1963										OBSERVATIONS at 18h. 2 July 1963										OBSERVATIONS during DAY						
Station	i	Nddff	VVwwwW	PPPTT	N _h Ch _s Ch _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	i	Nddff	VVwwwW	PPPTT	N _h Ch _s Ch _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	i	RRT	T × E	SSS	WEATHER					
																							09h.—15h.	15h.—21h.				
Kew	775	70000	61022	16919	5257/	12705	85825	84462		775	62104	82029	16820	32632	10400	83840			775	93200	050	pro		tlr	tlr			
London Airport	772	62406	59022	17119	42503	12802	84825	86070		772	60000	58019	16819	18500	10704	81827			772	01201	050	prt	tlr	+				
Gatwick	776	72806	58918	17714	794/1	13304	82718	87920		776	12007	60019	17218	12600	12400	81830			776	01191	084	pro	tlr	+				
Thorney Island	871	11707	61056	17918	12500	10203	81825			871	11706	58051	17616	00901	12501	81076			871	00180	105	+		+				
Hurn	862	51507	58056	17516	58400	12202	85818			862	31706	40051	16716	30951	11606	83360			862	91170	///	ir		+				
Guernsey	894	81609	48051	17714	21402	12204	81705			894	71409	56258	16445	58672	12708	82830	83635	86359	894	02161	052	+		pr				
Wattisham	590	71802	48919	16915	783/1	15302	82706	83818	87640	590	52603	59018	17116	22433	13801	82818	83359		590	14171	///	prt	tlr	pro	pr			
Gorleston	497	80702	32108	17315	863/1	14201	88708			497	71001	25054	17814	763/1	13103	87708			497	00161	025	fr		fr				
Mildenhall	578	83501	59956	16917	834/1	13803	86918	88656		578	51702	66019	16917	43502	13002	81920	83075		578	03191	026	tlr	ir	+	+			
Cardington	559	80000	58032	17018	825/1	12804	88825			559	60705	58179	17114	59583	13205	85920			559	04191	011	+			tlr			
West Raynham	485	81006	61808	17115	885/1	14400	81715	86822	88645	485	60000	74019	17016	44502	13000	83825	83072		485	03171	026	pro	tlr	+	+			
Wittering	462	70903	66026	17418	4253/	12804	84823	85366		462	61202	62039	17116	634/3	12301	83815	84070	81925	462	19191	044	tlr		pro				
Boscombe Down	746	72102	59052	17517	685/1	13101	84822	83656		746	12104	62011	17117	12601	11502	81830			746	00191	077	+		+				
Ross-on-Wye	627	40505	57021	16816	42500	11400	84825			627	21802	60028	15717	12680	11610	82830			627	92171	045	+		pro				
Bristol	628	71605	48251	17015	785/1	12000	86822	85637		628	61505	58052	16017	42501	12609	84825	83075		628	04171	034	pr		pro				
Aberporth	502	71311	66032	15516	62431	09801	86818			502	71904	62258	15515	49473	12701	84918	86359		502	02171	023	+		pro	pr			
Rhoose (Cardiff)	715	71309	40258	16816	785/1	12203	82708	84625	87650	715	41106	64056	15817	12501	12607	81825	84075		715	97181	033	pro	ir	ir				
Plymouth	827	71710	58028	16916	724/1	13308	87815			827	81310	48636	15914	4552/	12708	81820	84635	88460	827	01171	030	+		rr	ir			
Chivenor	707	71411	66808	15917	784/1	11103	86816	87645		707	81205	56929	15714	3947/	12801	83912	88458		707	08191	017	pro	pr	prt	tlr	ro		
St. Mawgan	817	71713	59152	15615	794/1	11203	81912	85816	85645	817	81210	58609	15214	3962/	11704	81709	83930	88462	817	06172	032	jpt		rr				
Culdrose	809	61909	60052	15515	684/1	12204	82711	84818	85640	809	81507	19616	15413	855/1	12705	83702	86705	88620	809	17162	015	pro		ir	ro	ro	rr	
Scilly	804	81812	59036	15015	855/1	14204	88622			804	71704	58216	14314	3541/	12807	83613	87460		804	01151	007	ir		ir				
Elmdon	534	71905	59042	17317	42548	13801	84828	87275		534	71008	58952	16615	5956/	11501	81725	85930	85362	534	95201	069	+		tlr				
Shawbury	414	32006	61044	17018	32602	10802	83830			414	71005	61051	15917	33576	11502	83925	86270		414	00201	083	+		+				
Manchester	334	71009	56032	16717	785/1	10602	85828	83656		334	70208	32049	16615	786/1	11204	82830	87650		334	00191	032	+		tlr				
Squires Gate	318	71405	61818	17116	734/1	13701	81715	84918	86635	318	83506	26809	16814	885/1	13400	85822	86635		318	04181	008	pro	prt	tlr	pro	ro	ro	
Valley	302	62405	63031	16816	58501	12104	84825			302	70410	40809	16317	786/1	14603	83830	86650		302	02191	091	+		tlr	pro	ro	ro	
Ronaldsway	204	70915	56041	17316	11431	13103	81818	87075		204	80611	66026	16616	55737	12805	85656	83360	88272	204	91170	042	+		ir				
Carlisle	222	70610	56808	18815	785/1	13803	83708	84822	86645	222	80409	66618	19013	6557/	12100	82709	83623	85628	222	04161	000	pro	pr		pro	ro	ro	ir
Watnall	354	70607	69024	17216	725/1	12801	87825			354	40903	62018	16417	44511	13604	83825	83458		354	92171	002	+			pro			
Spurn Head	396	80504	10606	18013	862/1	13201	88705			396	90000	F9476	17613	910/1	13702	891/1			396	01151	000	FF	ro	ro		ro	ro	FF
Finningley	360	80602	56656	18214	884/1	13400	82710	85818	88640	360	61006	56016	17216	68500	13706	84822	86645		360	07171	001	ro	ro	rr	rr		id	
Dishforth	261	71906	61056	17818	5253/	13806	85820	85360		261	83207	20819	17315	873/1	11707	88707			261	19191	004	tlr	pro	1R		pr	pr	
Tynemouth	262	90507	F7456	19412	910/1	12103	891/1			262	90212	08434	18511	910/1	11606	891/1			262	91121	000	FF	ir		FF	ff	id	
Eskdalemuir	162	80608	70206	19414	855/1	12101	87710	88625		162	80406	58025	19511</															

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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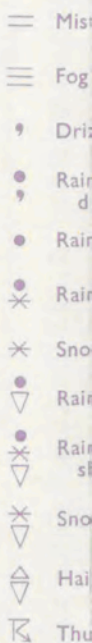
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Symbol



WEA

Symbol



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
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7 or more
8

Obscured

Weather

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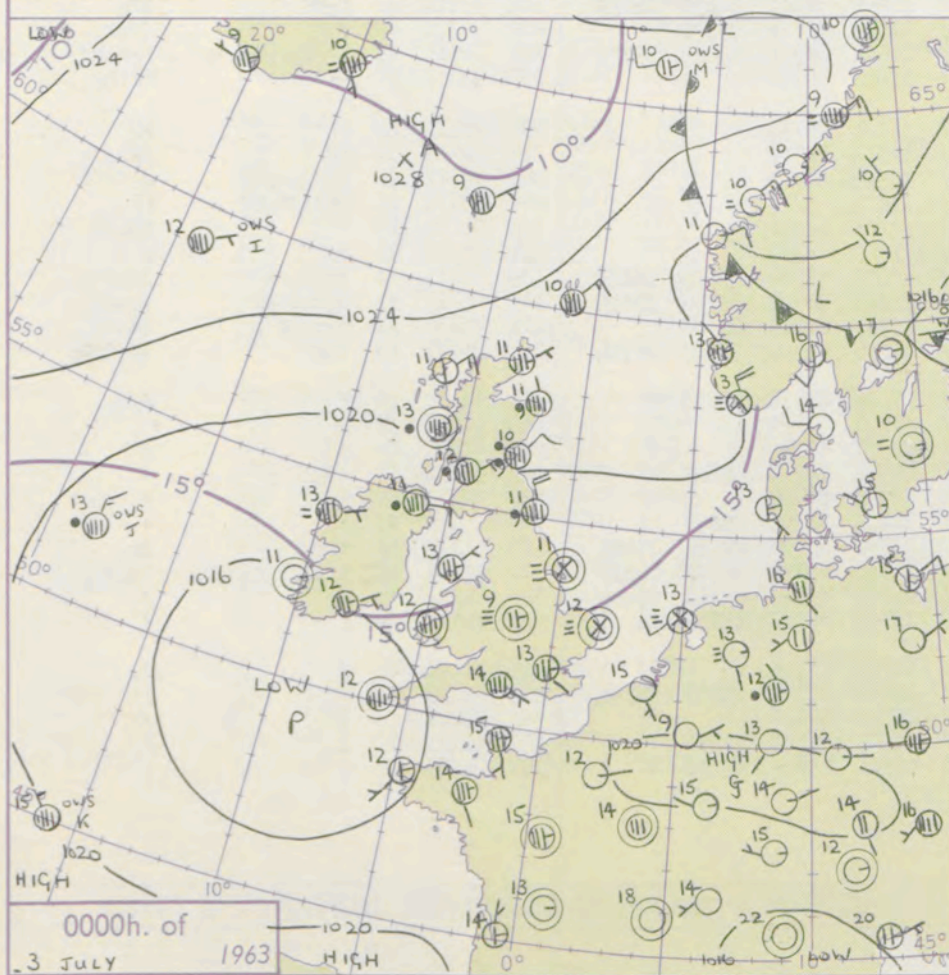
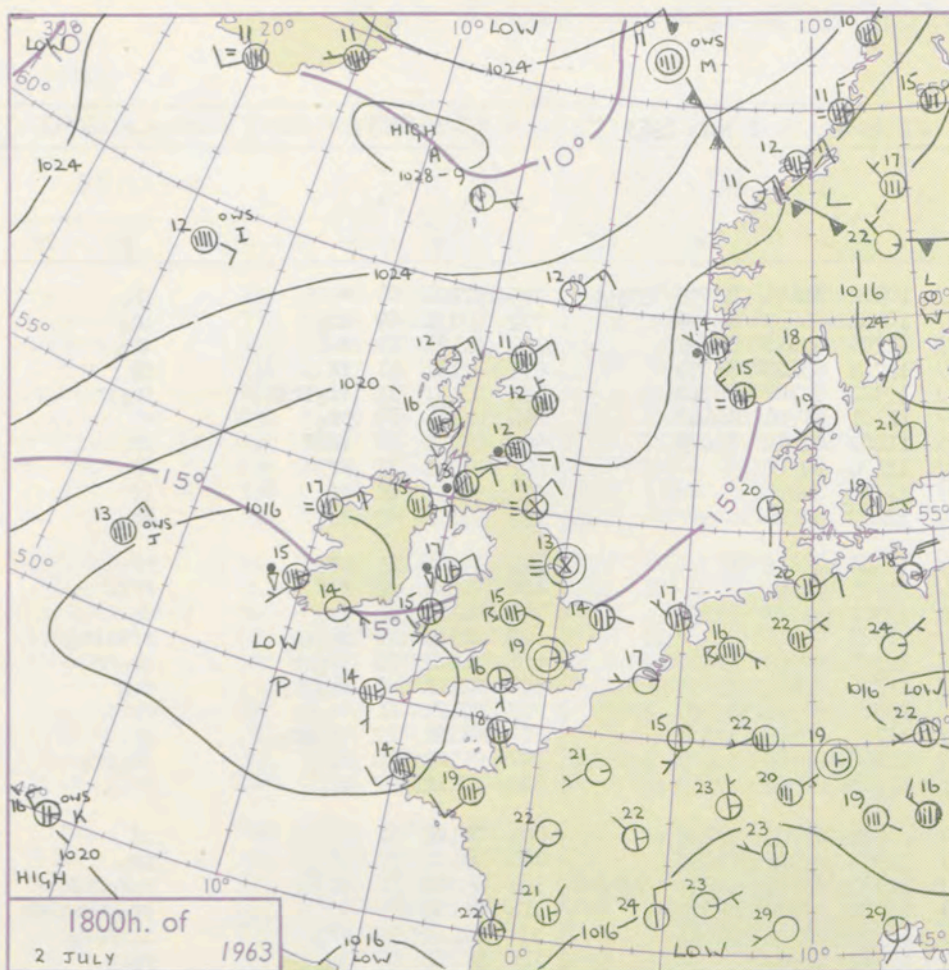
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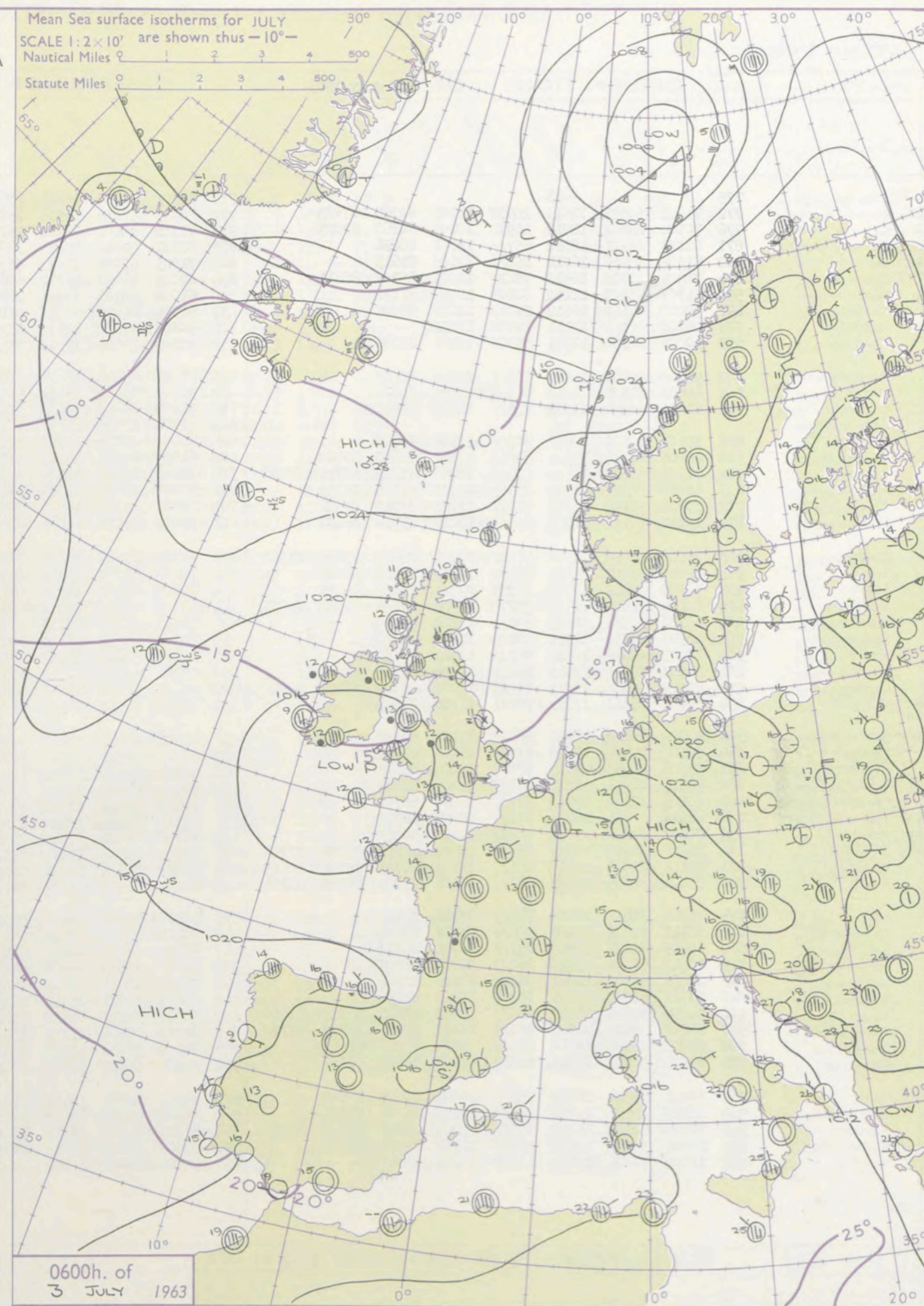
Weather



GENERAL SYNOPTIC DEVELOPMENT

A shallow depression has persisted off the southwest of the British Isles while a belt of high pressure has remained between Scotland and Iceland. Changes in the existing pressure distribution over Britain and adjacent areas will be very slow while further disturbances will move from eastern Greenland towards the north of Scandinavia.

Issued at midday Wednesday 3 July 1963



FORECAST for Great Britain and Northern Ireland until noon tomorrow

The extreme north of Scotland will be mostly cloudy with a little drizzle at times. The remainder of Scotland, Northern Ireland, Wales, northern and central England will have a good deal of cloud with outbreaks of thundery rain. In southern districts of England there will be bright periods and showers. It will be mostly rather cool.

OUTLOOK for the following 24 hours. Little change.

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

Code FM 11.A		OBSERVATIONS at 00h. 3 July 1963										OBSERVATIONS at 06h. 3 July 1963										OBSERVATIONS during NIGHT					CONV TA °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775				13					775	70901	57052	16814	6563/	10802	81635	86656	87359	775	97120	08	+		ir _o	40		
London Airport	772	71401	50021	18013	20932	11103	82365	87075		772	70905	57016	16914	7588/	10702	86657	85359		772	97131	09	ir _o		ir _o	39		
Gatwick	776	70000	48101	18010	40932	10103	84360	87075		776	70702	40102	17112	25772	11703	82650	85359		776	91101	09	+		ir _o	38		
Thorney Island	871	61103	48101	18014	65711	13101	86656			871	82101	59216	16814	3567/	13202	83640	88359		871	02131	11	IR		IR	37		
Hurn	862	81306	48216	16714	8541/	12605	88615			862	71805	62036	16013	6631/	12302	83708	86710		862	03131	11	ir _o ir _{IR}		ir _o ir	36		
Guernsey	894	71909	48808	16913	7847/	12001	85702	86818		894	62008	84018	16712	6561/	11301	81704	86640		894	01111	09	pr _o		+	35		
Wattisham	590	11707	23101	18212	00903	11000	81072			590	61006	30104	17911	20932	11802	82362	85075		590	00091	08	ffif		if	34		
Gorleston	497	90000	01454	18612	9101/	12103	89101			497	91804	01454	18913	9101/	13304	89102			497	91121	11	FF		FF	33		
Mildenhall	578	00000	40120	17911	00900	11102				578	60802	37884	17911	6571/	11305	86656			578	91101	08	if		if	32		
Cardington	559	30000	14284	17711	36300	13101	83708			559	70804	23104	17212	7561/	12400	87640			559	97101	07	ifff		pr _o	31		
West Raynham	485	91404	02454	18211	9101/	11205	89100			485	81108	05424	18311	8561/	11304	88645			485	97101	05	FF		FF	30		
Wittering	462	40803	32108	18312	00902	11106	84070			462	90505	04434	17811	9101/	11801	89101			462	00101	06	FF		FFff	29		
Boscombe Down	746	81404	48051	17612	8561/	11602	88632			746	71603	40206	16613	25691	12500	81707	87359		746	01121	11	ir _o		id _o	28		
Ross-on-Wye										627	80606	17636	15812	8032/	11603	88506			627	11121	10	ir _o RR		rr _o ir _o	27		
Bristol	628	82103	40626	17213	8092/	12106	88556			628	80000	26216	15713	8551/	12001	87709	88620		628	08121	12	ir _o rr		ir _o rr	26		
Aberporth	502	80000	62038	15912	6561/	10802	86640	88460		502	61405	62016	14512	6851/	11704	82820	85650		502	02111	09	pr _o ir _o		ir _o	25		
Rhoose (Cardiff)	715	81505	58636	16512	6722/	11803	83705	86715	88556	715	71208	20636	14912	7561/	12505	82704	85709	87645	715	07121	11	ir _o rr		rr _o id _o	24		
Plymouth	827	61307	56016	15713	2558/	12705	81708	86359		827	70000	48808	14713	7841/	12707	83706	87816		827	01121	12	ir _o pr _o		pr _o	23		
Chivenor	707	70908	57016	16113	5742/	12601	85710	87556		707	70903	48216	14613	7551/	12500	84710	85624	87640	707	01121	10	rr		ir _o pr _o	22		
St. Mawgan	817	81112	50216	14312	8561/	12813	85709	88632		817	72003	32102	14511	6723/	11303	86703	87360		817	02111	07	r _o r _o		+	21		
Culdrose	809	72603	50036	14711	5853/	10504	82825	83640	87358	809	72704	19142	14612	7851/	11401	85706	87635		809	01101	11	r _o r _o		if	20		
Scilly	804	80000	61258	15012	8841/	12103	83810	88616		804	72204	64258	14512	7857/	12500	82822	87630		804	03101	//	pr		pr _o	19		
Elmdon	534	50000	02469	17709	25731	09001	82656	84075		534	81203	09606	16812	8551/	12500	83706	83625	88656	534	05082	06	ifir _o		r _o r _o rr _o ir	18		
Shawbury	414	60705	40102	16912	25772	12201	82656	84360	85075	414	80709	11596	16212	8571/	12001	83710	88650		414	02101	08	+		pr _o r _o r _o ir _o rr	17		
Manchester	334	60702	32251	16813	6571/	12802	86650			334	80908	40602	16113	1567/	11500	81640	88462		334	01122	10	pr _o		ir _o r _o r _o	16		
Squires Gate	318	40706	19108	17212	00902	11002	84070			318	70910	30101	16813	7097/	13302	87360			318	92111	07	+		r _o r _o	15		
Valley	302	70403	48048	16513	7571/	12602	87650			302	80000	59606	15713	5862/	12202	82840	84650	88459	302	95121	10	r _o r _o		ir _o	14		
Ronaldsway	204	80609	58042	17512	10937	11004	81360	88275		204	80712	62042	16313	2553/	11602	81711	87358		204	97111	09	+		ir _o	13		
Carlisle	222	80609	59616	19312	8551/	11802	83710	85622	88626	222	70205	79026	18112	6857/	11806	81712	83823	85635	222	02111	11	ir _o r _o r _o RR		r _o r _o rr	12		
Watnall	354	70000	09461	17711	7571/	11104	87650			354	90808	02454	17511	9101/	11003	89102			354	97111	08	FF		FFir _o	11		
Spurn Head	396	90000	F4454	18011	9101/	11102	89100			396	91406	F9454	18111	9101/	11201	89111			396	97111	//	FF		FF	10		
Finningley	360	90806	02472	18413	9101/	12006	89101			360	80906	04515	18311	8711/	11304	88702			360	91111	11	ff		ffid _o d _o	9		
Dishforth	261	93508	04438	18113	9101/	12001	89111			261	80502	04426	18013	8721/	12205	88703			261	93121	12	ifid _o d _o r _o		d _o d _o ff	8		
Tynemouth	262	83518	04515	18511	8611/	11400	88702			262	93506	F7456	18111	9101/	11301	88701			262	02111	11	FFffid _o rr		FF	7		
Eskdalemuir	162	80504	32102	19910	8711/	10400	88702			162	80102	58216	18510	8721/	10603	88704			162	01101	10	+		ir _o ir	6		
Mull of Galloway	131	81416	60026	18211	8741/	09703	88710			131	81115	60602	17311	8741/	11400	88715			131	95111	//	/		/	5		
Prestwick	135	80607	62606	19312	882/	10400	88457			135	80707	80026	17812	7552/	10601	81708	83625	86640	135	91111	11	ir _o r _o r _o		id _o ir _o	4		
Renfrew	141	81006	40656	20311	8631/	11802	81706	85708	87710	141	80807	48046	19011	8551/	11603	83706	85712	87625	141	05111	11	d _o r _o rrRR		ir _o ir	3		
Leuch																											

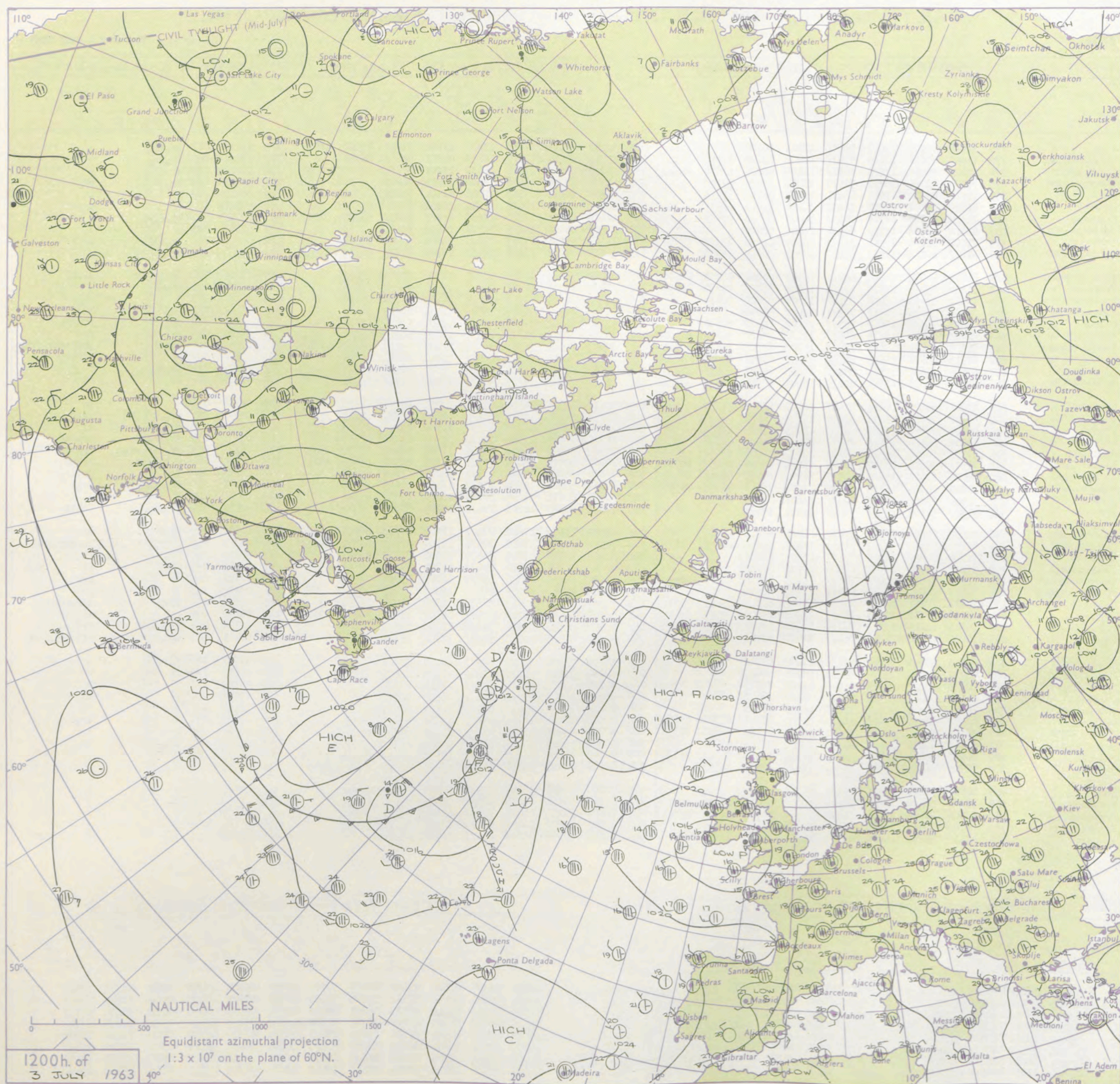
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37114

Date of Issue Thursday 4 July 1963

Code FM II.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	RRTT+E	SSS	WEATHER		
																						09h.—15h.		15h.—21h.	
104	Kew	775	72109	82258	17117	5863/	12801	85830			775	32107	85011	17318	2353/	11202	81825	83358	81928	775	97220	047	ir _o pr _o		+
102	London Airport	772	71909	69028	17119	5253/	12802	85820	87358		772	61711	85012	17319	18630	09201	81835	86358		772	97221	045	ir _o pr _o		+
100	Gatwick	776	62209	70016	17519	5853/	13400	83825	83656	85360	776	42208	85011	17818	18630	11201	81835			776	00211	092	+		+
99	Thorney Island	871	71708	82026	18017	7851/	13204	82825	87658		871	11709	82028	18516	18500	12203	81825			871	97180	065	ir _o		pr _o
97	Hurn	862	71911	80032	17216	68431	13003	81712	85818		862	21808	82011	17515	12541	11501	81825			862	00170	///	+		+
95	Guernsey	894	61610	81152	18016	58432	14104	82812	84635		894	32910	80018	18415	21432	12204	82810	83360		894	97161	107	+		pr _o
93	Wattisham	590	71310	56219	18317	2843/	14005	81810	87362		590	41412	48021	17517	22660	13803	82830	83360		590	02201	///	tlrr _o r _o		+
91	Gorleston	497	61514	48034	19315	6631/	14202	86709			497	61606	48052	19115	55570	14802	85628			497	00170	073	+		+
90	Mildenhall	578	71102	61298	17918	7341/	16005	81710	83920	87650	578	71107	59032	17117	7351/	14604	85920	86650		578	02211	051	pr _o tlR		+
88	Cardington	559	61407	40258	17318	6941/	15803	82915	86650		559	61805	79012	16819	4853/	13702	82825	84650	85358	559	07201	025	pr _o PRpr _o		+
86	West Raynham	485	81811	40954	18614	8931/	14303	82708	84918	88650	485	61414	56039	17018	63501	14502	83920	83656		485	07201	058	tlRpr _o pr		tlpr _o
84	Wittering	462	81409	40216	17615	7847/	14400	81810	87650	88358	462	71404	69036	16818	7861/	13704	84830	87656		462	05191	037	ir _o ir		+
82	Boscombe Down	746	62011	82012	16918	32501	11203	83828	84075		746	42007	82022	17415	28679	11305	82830	83180		746	00181	111	+		+
81	Ross-on-Wye	627	71805	70026	15517	7851/	11602	85825			627	72308	77028	16515	63562	11204	81925	84640		627	97181	017	pr _o		+
79	Bristol	628	71812	74258	15917	7851/	11202	85820	87640		628	72407	74022	16715	7851/	12304	83825	87640		628	01191	032	pr _o		pr _o ir _o
77	Aberporth	502	81709	62808	15114	6857/	11207	83820	84656	88462	502	70704	74258	15614	6347/	12205	84810	84920		502	01181	015	pr _o		pr _o
75	Rhoose (Cardiff)	715	71608	62808	15415	7851/	13802	82708	84825	87645	715	80000	66608	16713	8551/	12400	83710	85620	88640	715	07162	016	pr _o pr		pr _o ir _o r _o rrir _o
73	Plymouth	827	61913	66028	16615	42531	13208	84820	84075		827	62111	74032	17515	42502	12304	84822	84075		827	00170	077	+		+
72	Chivenor	707	83108	40808	15714	8941/	12206	81710	84912	87625	707	71905	69258	16714	6843/	11303	82813	85656		707	05171	012	pr _o pr		pr _o
70	St. Mawgan	817	72708	69258	15914	6247/	11206	82812	86818	87364	817	71712	61258	16114	63430	12202	83710	85922		817	03161	016	pr _o		pr
68	Culdrose	809	72211	64022	16014	5243/	12207	85810	87360		809	72312	60028	16514	43431	12303	82706	83910	87075	809	01150	045	+		pr
66	Scilly	804	62008	59022	15616	65400	13203	86615			804	52110	59016	15814	58400	12400	82810	85615		804	02171	061	ir _o		irpr _o
64	Elmdon	534	61509	66258	16418	58530	13705	85825	83656		534	72010	80021	16418	68631	10500	82840	85656		534	91191	038	d _o r _o pr _o		tlr
63	Shawbury	414	71312	56046	15618	7861/	11709	85830	84656		414	71605	80808	15915	7861/	10302	83830	87650		414	02191	038	ir _o pr _o pr		pr _o
61	Manchester	334	71109	50046	16417	2853/	12805	82825	86366		334	70505	58298	15714	43562	12002	82922	83830	85358	334	08191	018	ir _o d _o r _o rrpr _o		pr _o tl _o
59	Squires Gate	318	71311	58216	16517	5847/	13704	83818	84650	86360	318	70908	40219	16014	7851/	13203	82822	83635	87645	318	05201	014	r _o r _o irpr _o		tlRpr _o
57	Valley	302	72206	63046	15415	5857/	12702	83828	85545	87459	302	70000	66028	15316	5851/	14201	83822	85650		302	01180	030	ir _o		pr _o ir _o
55	Ronaldsway	204	71012	26046	16315	45732	13201	81710	84650	86360	204	80811	59606	15516	8561/	12605	84645	88656		204	96171	015	ir _o ir _o d _o r _o		ir _o
54	Carlisle	222	50706	62012	17618	5253/	13807	81713	85823		222	50806	62011	17118	38689	12000	82830	83362		222	00210	049	+		+
52	Watnall	354	71510	56808	17317	7851/	13301	86820			354	70202	56959	16913	7941/	12204	87918			354	22191	011	ir _o pr _o		tlRif
50	Spurn Head	396	90908	59454	18612	9101/	12400	89111																	

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Expla
of sym

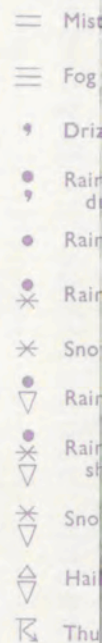
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Symbol

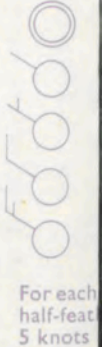


WEA

Symbol



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 snow

shower

and snow
ower

w shower

shower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

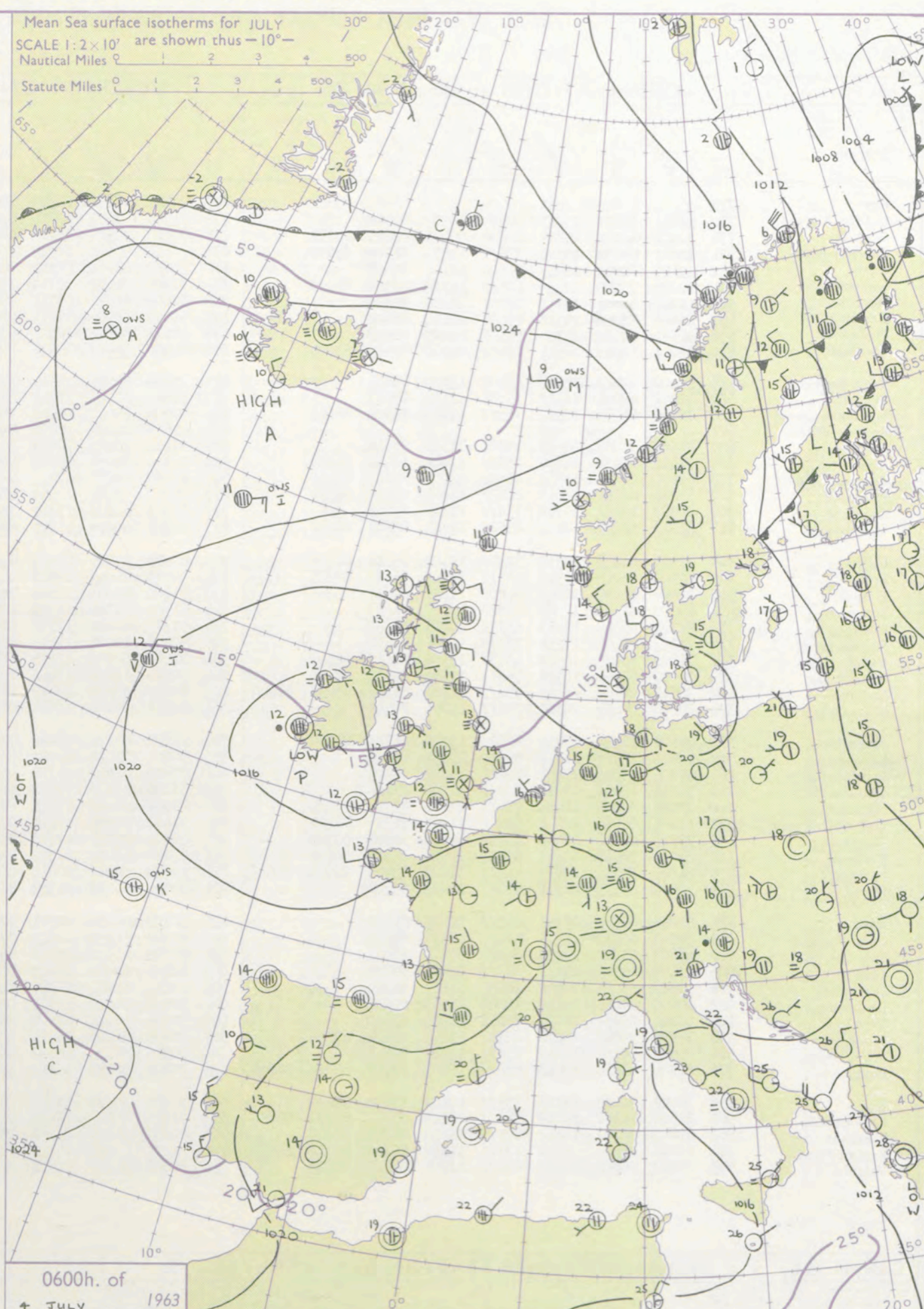
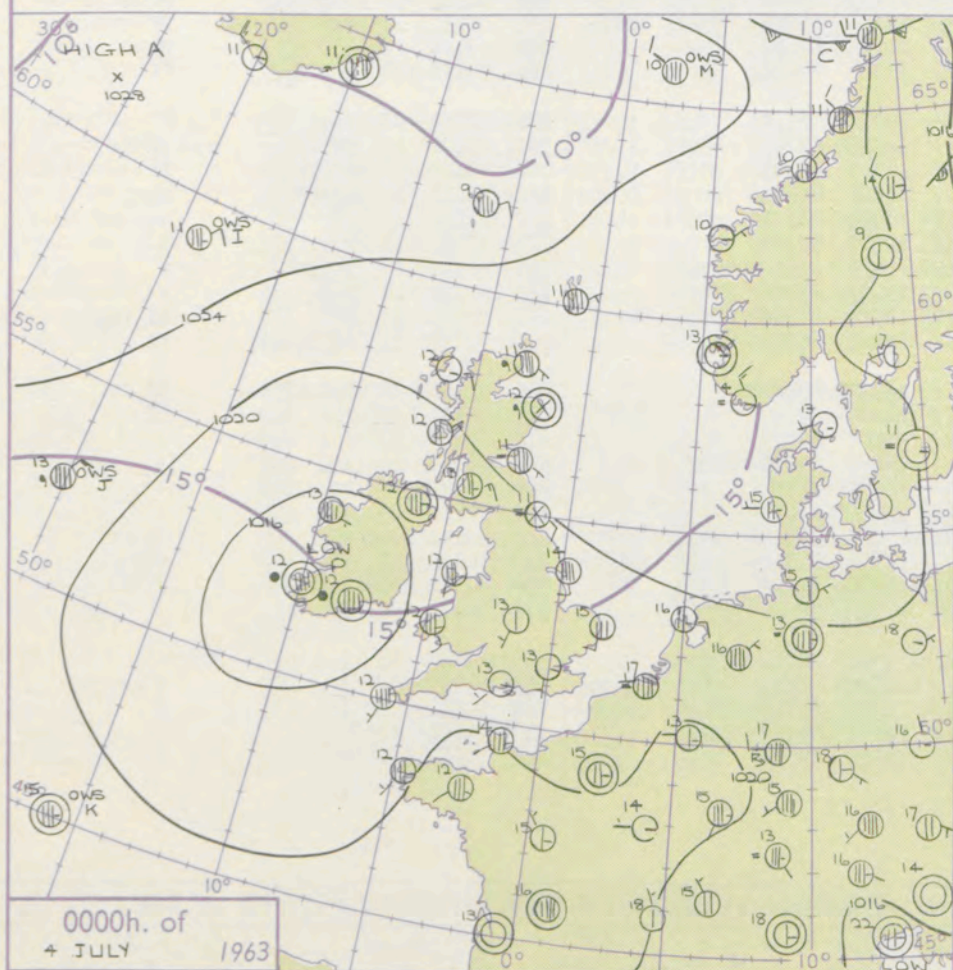
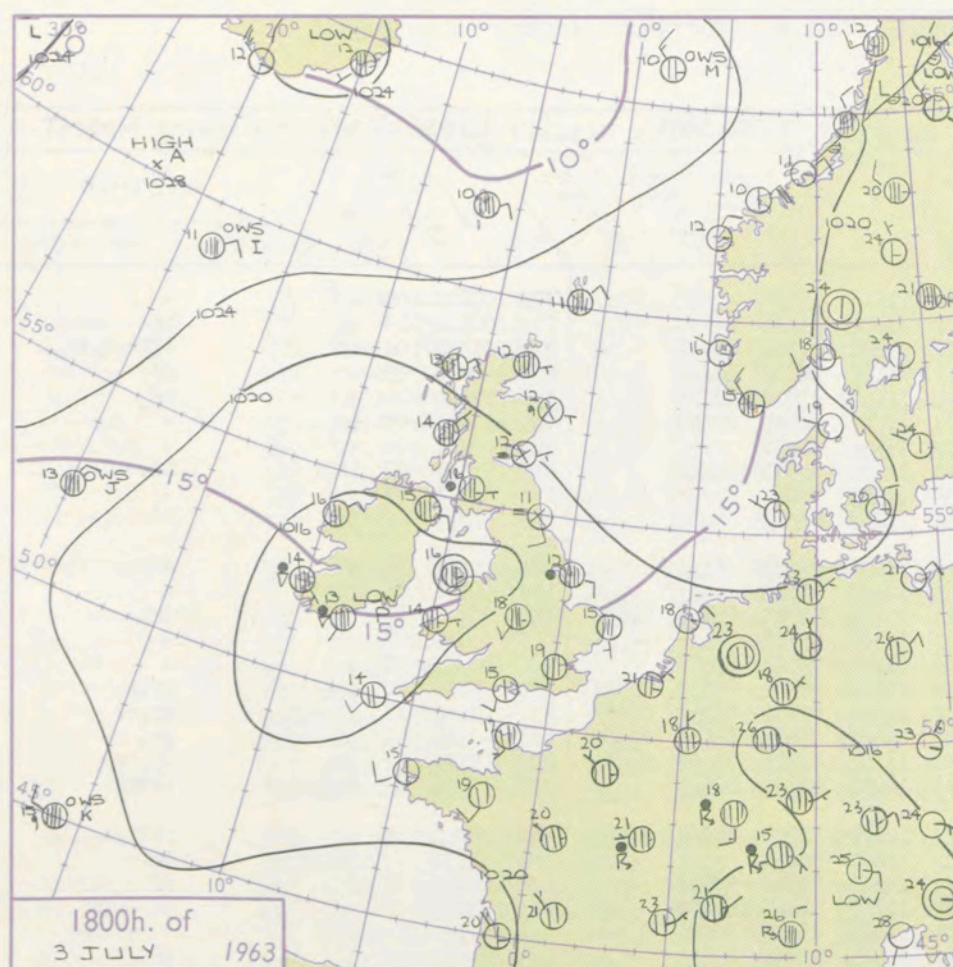
3-7

8-12

13-17

additional
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48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 4 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The shallow depression over Southern Ireland persisted without much movement, while the anticyclone over Iceland extended a little westward. Pressure is expected to continue to rise between this anticyclone and another high cell off Newfoundland to produce a cut off low northwest of the Azores. Pressure changes in the vicinity of the British Isles will be small.

Eastern Scotland and northeast England will be cloudy with occasional drizzle and coastal fog. The extreme northwest of Scotland will remain dry but remaining areas of the British Isles will have a good deal of cloud with showers or outbreaks of thundery rain and only brief sunny intervals. It will be cool in the east with average temperatures elsewhere.

OUTLOOK for following 24 hours.
Little change.

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

Code FM II.A OBSERVATIONS at 00h. 4 July 1963										OBSERVATIONS at 06h. 4 July 1963										OBSERVATIONS during NIGHT						CONV TA °C
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _s Ch _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	VVwwwW	PPPTT	N _h Ch _s Ch _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 _n T _n E	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Kew	775			13						775	70000	56022	19213	65631	11203	86635				775	00090	05	+		+	40
London Airport	772	11805	80011	19213	10930	10207	81360			772	91503	02471	17611	91011	11307	89101				772	00101	05	+		if	39
Gatwick	776	31901	48101	19809	15630	09205	81645	83359		776	60000	12284	19609	46030	09304	84701	84359			776	01071	04	if		ifFFpr _o ir _o	38
Thorney Island	871	72001	69031	19614	75611	12204	81709	87630		871	70000	23104	19512	75711	12306	81706	87650			871	00090	09	+		if	37
Hurn	862	12103	69011	18913	15600	12102	81630			862	70000	48101	18812	78511	11102	81820	87635			862	97091	05	+		pr _o	36
Guernsey	894	72005	70808	20212	68611	12102	82840	86650		894	71709	74032	19712	75711	11303	81705	87650			894	97111	09	pr _o		+	35
Wattisham	590	11808	48011	19312	15700	11206	81656			590	62405	60021	19611	65811	11304	86657			590	00101	06	+		+	34	
Gorleston	497	61808	56056	19715	65500	14104	86628			497	52702	58052	19814	21570	12302	82821	84359			497	97131	09	ir _o l		fr _o	33
Mildenhall	578	31601	62011	18714	38500	12205	81825			578	51901	56021	19513	55700	11305	85650			578	00111	07	+		+	32	
Cardington	559	32008	62011	18911	10932	09208	81359	83070		559	30000	58034	19511	10932	11207	81362			559	97070	03	1		if		31
West Raynham	485	51406	40012	18613	55700	13000	85656			485	71806	59021	19511	75811	11206	87657			485	00091	04	+		+		30
Wittering	462	72202	62021	18413	75631	12103	87640			462	22402	61021	19311	16201	10208	81705			462	00091	04	1		+		29
Boscombe Down	746	70000	66031	19312	75511	11207	85625	86645		746	70000	56042	19512	75711	11205	82703	86706 87650			746	97111	07	+		ir _o	28
Ross-on-Wye	627									627	61603	24022	18212	36541	11303	83720			627	00111	07	+		+		27
Bristol	628	21506	58028	18412	15602	11106	81640			628	61105	48101	18512	26382	11304	82709	83359			628	00091	07	+		+	26
Aberporth	502	71408	74258	16612	45671	11201	84640	87359		502	71508	74038	16512	73471	11302	82912	85630 87358			502	05111	10	pr _o		prpr _o	25
Rhoose (Cardiff)	715	41605	74019	17912	48500	11001	83825	83640		715	71506	48618	17913	78511	12301	82702	84710 87635			715	01121	11	tlrr _o r _o		pr _o rr	24
Plymouth	827	61612	62012	18013	22431	13001	82818	86359		827	71712	59028	17513	48431	13602	82816	84636 86360			827	02121	11	pr		pr _o	23
Chivenor	707	70907	62028	17712	75611	11106	87644			707	71207	69808	17212	78512	11701	81712	83822 86630			707	01121	11	pr _o		ir _o pr _o	22
St. Mawgan	817	81707	59601	17512	65621	11004	86648	88460		817	81707	40979	16710	89211	10202	82703	86940			817	11102	06	ir _o pr _o		pRTLr	21
Culdrose	809	82008	64258	17512	32431	10102	83819	86360		809	80903	23809	16411	83011	10602	81700	84708 88920			809	28102	10	pr _o		pRTLpr _o	20
Scilly	804	81906	69218	16512	65517	12207	86623	88275		804	50000	74019	15912	48502	11602	83820			804	11111	//	irtlr		tlr		19
Elmdon	534	22006	62059	18213	25800	11205	82657			534	71606	59054	18911	76411	10305	81710	87715			534	00071	04	ff		ff	18
Shawbury	414	20000	61118	17810	15870	10207	81657			414	41703	37101	18011	10972	11105	81360	84070			414	00091	05	+		+	17
Manchester	334	71304	59028	17113	65771	10003	86650			334	31303	40046	17912	11601	10306	81830	83080			334	97121	10	ir _o		+	16
Squires Gate	318	71207	26108	17211	75711	11206	87656			318	50806	19104	17612	58500	12304	81825	85650			318	97091	04	+		if	15
Valley	302	71802	69026	16912	45771	12105	84650	86360		302	71205	63022	17113	68612	12103	82830	85650			302	92121	10	ir _o r _o r _o		pr _o pr	14
Ronaldsway	204	71007	50046	16713	75611	12106	83635	87650		204	70505	17819	17412	79211	11205	85704	85910 86645			204	03111	11	tlr		pr	13
Carlisle	222	70610	28108	18812	75611	11208	81718	83633 87640		222	40510	32051	19112	25739	11304	82650			222	97110	10	+		pr _o		12
Watnall	354	70000	09469	18212	75611	12204	87640			354	12201	28104	18511	00909	11305	81172			354	97101	06	pr _o ffff		ff		11
Spurn Head	396	81608	16139	18814	66421	13207	86715	88460		396	91805	F9474	18613	91011	12206	89111			396	93121	//	ir _o tl		FF		10
Finningley	360	80504	18609	18613	86211	13201	88703			360	80000	03426	19013	86111	12306	88702			360	03121	10	pRr _o r _o		ffff		9
Dishforth	261	80905	08464																							

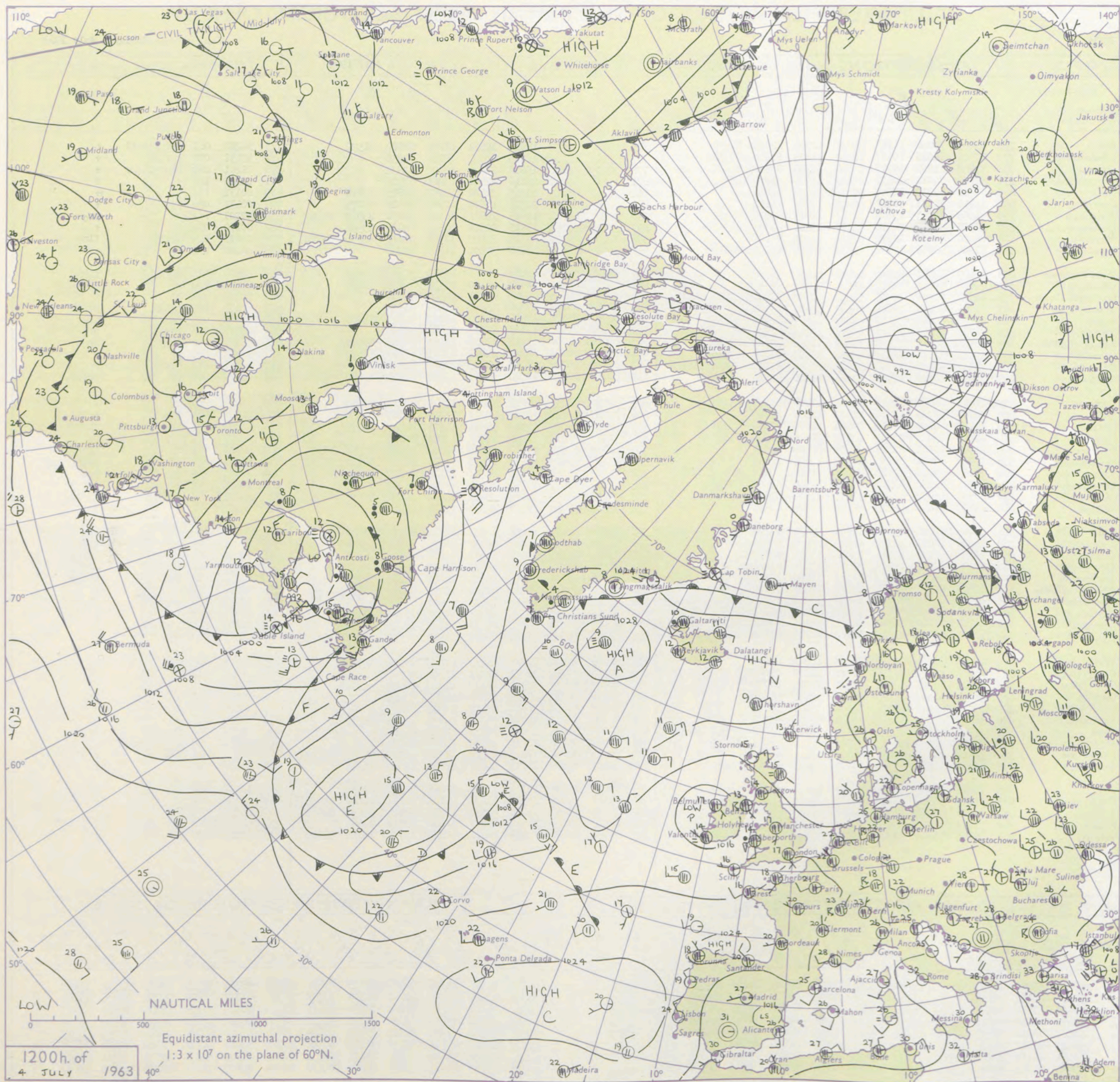
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

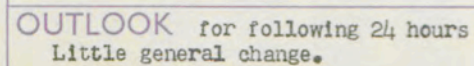
No. 37115

Date of Issue Friday 5 July 1963

Code FM 11.A		OBSERVATIONS at 12h. 4 July 1963										OBSERVATIONS at 18h. 4 July 1963										OBSERVATIONS during DAY											
STATION	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRTT+E	SSS	WEATHER		
																															09h.—15h.	15h.—21h.	
104 Kew	775	71803	70026	19718	3855/	12705	82825	87359		775	42010	74029	18918	39531	11706	82820	81922		775	94200	061	ro _o irprtl	+										
102 London Airport	772	61507	66016	19717	38533	11805	82820	83358		772	32111	82018	18619	28602	10709	82830			772	93191	037	ro _o ropr _o	+										
100 Gatwick	776	71803	61059	19917	64560	12705	84828	84656		776	32209	69028	19618	21601	10302	82832			776	01201	082	tl _o ropr _o pr	+										
99 Thorney Island	871	61809	74012	20417	38532	13204	81820	85360		871	11911	80021	20116	12501	13201	81820			871	00180	106	+	+										
97 Hurn	862	61711	69012	19417	42401	12400	84816			862	32009	74021	19315	32400	12400	81815	83820		862	00171	111	+	+										
95 Guernsey	894	22110	78011	20216	28402	13205	81818			894	52108	62021	20515	18506	12103	81820	85075		894	00171	094	jp	+										
93 Wattisham	590	71505	74021	19318	52561	12703	85825	85360		590	72507	70028	19515	79611	11301	82830	83940	85650		590	97201	111	+	+									
91 Gorleston	497	41508	58056	20416	12570	13206	81823	84360		497	51810	60021	19915	22561	14501	82825	83358		497	00170	070	+	+										
90 Mildenhall	578	60000	74031	19320	62511	13803	86825			578	72803	66179	19315	59403	12302	81815	84656	85070		578	03211	071	propr	+									
88 Cardington	559	61906	58041	19618	42531	13804	84825	86359		559	30000	66011	18817	39500	11705	81920			559	00200	055	+	+										
86 West Raynham	485	52407	74011	19418	52501	12400	85828			485	60206	66039	19414	69611	13303	82930	85650		485	09201	063	protl	+										
84 Wittering	462	62107	69021	19318	68600	13804	85830			462	41605	69019	18817	48500	09301	82825	83656		462	97201	119	+	+										
82 Boscombe Down	746	62010	75258	19517	59503	12802	85822	83075	82922	746	42010	74031	19416	42501	12500	84826			746	02181	076	pr	+										
81 Ross-on-Wye	627	61205	63918	18315	39573	13803	83925			627	61906	70029	17516	43662	11603	82930			627	04171	020	prtIR	+										
79 Bristol	628	71410	69258	18017	69503	11805	81920	85825		628	61809	74028	17916	68500	11400	83825	85645		628	96191	055	pro	+										
77 Aberporth	502	71710	69808	17214	68571	10302	81820	86650		502	73207	80028	17213	73511	12308	87920			502	01171	028	prpro	+										
75 Rhoose (Cardiff)	715	72208	56808	17915	73511	11804	84920	87640		715	63008	74028	17815	63431	13201	82918	85640		715	96171	055	propr	+										
73 Plymouth	827	62018	62028	18015	49462	13304	81810	83915		827	72210	58031	18915	38401	13203	82818	87070		827	93171	062	pr	+										
72 Chivenor	707	71512	61258	17314	73411	13601	81710	86656	82912	707	22910	74029	18016	29533	13306	81920			707	18181	043	prtIR	+										
70 St. Mawgan	817	32710	66019	17415	23461	11206	81710	82915		817	72709	62031	18314	39461	11003	82915	83820	87070		817	01171	060	pr	+									
68 Culdrose	809	62413	66032	17515	62301	13209	83708	85812		809	82310	28052	18614	52411	12205	83710	88460		809	00161	085	+	+										
66 Scilly	804	32707	56011	17316	22402	13106	82816			804	82008	56616	18214	87311	13205	88709			804	02172	084	iro	+										
64 Elmdon	534	61807	66802	19216	28664	11805	82830	83656		534	51907	64029	18317	39563	11501	82930	84075		534	04191	067	pro	+										
63 Shawbury	414	61409	69021	18217	63532	08605	81925	85835		414	71507	37819	17416	69463	13601	85915			414	03201	072	prottlro	+										
61 Manchester	334	61906	59041	18117	62531	09804	86825			334	61708	62179	17517	49562	09303	84928	83360	86075		334	97201	092	+	+									
59 Squires Gate	318	71510	60021	18019	42506	13400	84822	87073		318	72403	58919	17615	69413	13001	81716	84922	85070		318	01211	096	jp	+									
57 Valley	302	71605	69258	17515	78411	11802	82818	83632	86657	302	61408	74258	17016	48561	12805	82820	84640	85362		302	91181	038	pro	+									
55 Ronaldsway	204	60911	62028	17815</																													

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





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

OBSERVATIONS at 00h. 5 July 1963										OBSERVATIONS at 06h. 5 July 1963										OBSERVATIONS during NIGHT									
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR _T n _T E	T _g T _g	WEATHER		CONV TA °C					
																						21h.—03h.	03h.—09h.						
Kew	775									775	62301	56022	20313	65611	11203	86640				775	97090	05	+	id _o	40				
London Airport	772	61807	69031	20413	00906	11305	86270			772	72302	37101	20711	76211	10307	82704	87707			772	97101	05	+	pr _o ir _o	39				
Gatwick	776	40000	32120	20610	10942	10002	81358	84075		776	70000	04424	20810	66031	10303	86701	83359			776	97081	05	ifFF	ffFF	38				
Thorney Island	871	72403	64031	20913	26402	12203	82713	87075		871	72401	37606	20513	75611	12500	81710	84645	87657		871	92100	09	+	ir _o	37				
Hurn	862	31905	59011	19913	00901	12801	83075			862	72005	48051	19613	22431	12801	82812	83362	87075		862	97111	08	+	pr _o	36				
Guernsey	894	71807	58028	21113	72411	12102	83710	87816		894	52107	33101	20912	56200	11301	85703				894	97111								

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37116

Date of Issue Saturday 6 July 1963

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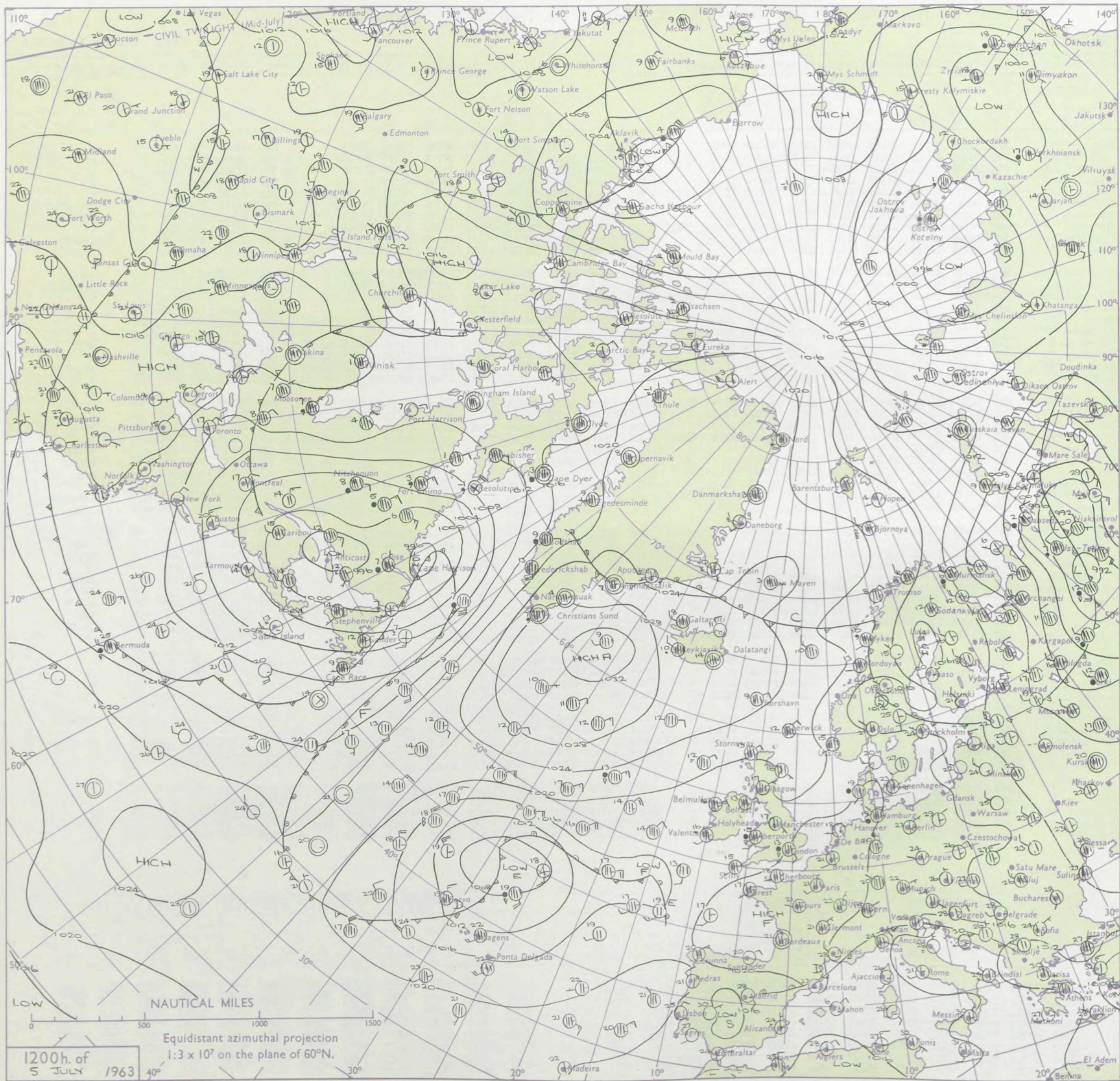
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Code FM II.A		OBSERVATIONS at 12h. 5 July 1963										OBSERVATIONS at 18h. 5 July 1963										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRTT+E	SSS	WEATHER			
																								09h.—15h.	15h.—21h.	
Kew	775	72110	63255	20118	43513	11805	84925	83075			775	62210	64028	19018	22602	10705	83830	86075		775	97200	052	pro	+		
London Airport	772	71712	58808	20413	29531	11704	82920	85826	85360		772	52012	66028	19319	38633	09701	83830	85070		772	97201	040	pro	+		
Gatwick	776	72606	66254	20818	62531	13802	86828				776	72210	74031	19917	11632	11702	81835	87070		776	97201	070	pro	+		
Thorney Island	871	21810	62016	21317	22501	13203	82820				871	72007	58051	20116	00902	13706	87075		871	00180	079	+	+			
Hurn	862	81811	58058	20415	88411	13203	84708	85818	88635		862	61808	59052	19416	11531	13707	81820	86078		862	00170	111	+	+		
Guernsey	894	52010	50051	21415	58302	13204	81818	85630			894	81505	62606	20315	80971	11706	86358	88460		894	96171	061	+	irorororr		
Wattisham	590	71806	64031	20518	32508	12801	83825	86275			590	71705	61029	19816	24761	13703	82650	87359		590	02191	111	tlr	pro		
Gorleston	497	51715	58052	22115	48501	13202	83820	84625	85075		497	61711	60039	20817	68500	12707	84824	86628		497	97170	085	iro	tl		
Mildenhall	578	62306	62021	20219	31502	13805	83825	84075			578	61605	59029	19318	68511	14605	81820	86656		578	02201	062	tlro	tlRro		
Cardington	559	61906	61036	20018	42671	11804	84840				559	61905	61258	18817	19571	13706	81920	83830		559	97200	013	iro	pro		
West Raynham	485	52110	62021	20416	42501	13400	84825	85075			485	71205	61218	19214	25671	13703	82635	87359		485	01191	071	pro	irroro		
Wittering	462	62110	62012	20217	68511	11802	83825	85650			462	71904	58178	19015	79511	13702	85925	87657		462	96191	045	+	protlrpro		
Boscombe Down	746	72110	59028	20416	78611	12202	81712	83820	87645		746	62310	59018	19716	21501	13603	82820	86075		746	94171	035	iropro	+		
Ross-on-Wye	627	71608	60256	18417	78511	12803	85825				627	61806	70038	17517	13500	11605	81930	85358		627	02181	049	iroprpr	+		
Bristol	628	81709	40616	19115	88411	14801	82816	88622			628	82210	58038	18615	68571	13301	83820	86640	88460		628	05181	002	rooirpro	pro	
Aberporth	502	72009	66808	16815	73431	11102	82915	85820			502	52312	62028	17316	52500	11303	85825			502	92171	055	irodoropro	+		
Rhoose (Cardiff)	715	72809	61808	18614	73411	12302	82712	84920	86640		715	72406	69258	18714	78511	12302	82820	84635	86645		715	92171	028	iropro	pro	
Plymouth	827	61910	69018	19716	43431	13206	81915	83360			827	72011	48052	19515	32431	13503	83710	83814	87364		827	00181	047	+	+	
Chivenor	707	22714	74018	18918	22530	13207	82820				707	73206	66168	18416	68442	12602	84812	85640	86362		707	00182	060	pro	propR	
St. Mawgan	817	53007	66031	19216	22431	11105	82818	84360			817	72710	80022	18915	58532	12602	83820	83640		817	00171	077	+	+		
Culdrose	809	72309	64052	19215	58471	11205	82706	85616	87362		809	72409	62052	18814	62431	12704	84706	86815	87360		809	00160	068	+	+	
Scilly	804	72307	69021	19215	78411	13208	84814	87635			804	82108	64032	19214	85411	13604	88615			804	00171	057	+	+		
Elmdon	534	71610	66802	19515	78511	11400	85825	83656			534	71612	66159	18216	49563	12708	81920	83650		534	12171	042	protlrpr	prtlR		

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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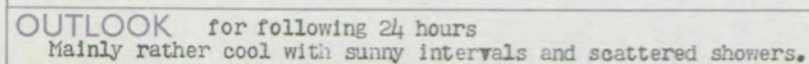
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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

Code FM 11.A		OBSERVATIONS at 00h. 6 July 1963										OBSERVATIONS at 06h. 6 July 1963										OBSERVATIONS during NIGHT					CONVE TAR °C to
Station	ill	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h M _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h M _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT _n T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Kew	775			14						775	81901	56056	18714	2643/	12706	82712	87360		775	97130	11	+		ir _o	40		
London Airport	772	82005	50022	19614	00902	11701	88070			772	82003	50036	18613	3577/	12704	83656	88358		772	97131	11	ir _o		ro _o ro _o	39		
Gatwick	776	82203	50102	19812	40977	12706	88460	88270		776	81801	36106	18913	7562/	12706	81704	87460	88460	776	97121	11	ro _o ro _o id _o		ir _o	38		
Thorney Island	871	82105	56601	20514	8561/	12002	86709	88630		871	81201	48106	18813	3557/	13706	83625	88360		871	02131	13	ro _o ro _o		ir	37		
Hurn	862	81805	56616	19613	8551/	13400	88620			862	81702	48026	18213	8551/	13704	83706	87708	88620	862	04121	11	ro _o ro _o		do _o ro _o ro _o rr	36		
Guernsey	894	80000	19636	20013	8721/	12705	88705			894	81008	44636	17613	8701/	13608	88700			894	15121	12	rrr _o ro _o		do _o ro _o rrff	35		
Wattisham	590	72108	57032	19412	15601	11804	81640	87075		590	72306	32051	18812	7571/	11801	87656			590	00111	08	+		+	34		
Gorleston	497	51706	58051	20215	40971	13706	84630			497	52707	48102	18913	50970	12301	85360			497	00120	10	+		+	33		
Mildenhall	578	20000	56011	10912	00908	11802	82275			578	72203	40101	18513	7571/	11002	87656			578	97111	09	+		+	32		
Cardington	559	11907	56011	19211	00901	10001	81070			559	82105	40211	18613	8561/	12702	88630			559	97100	05	+		ir _o	31		
West Raynham	485	61605	37012	19312	30931	11703	83360	85075		485	72107	26101	18412	7093/	11301	87360			485	00101	05	+		+	30		
Wittering	462	32207	40019	18912	18931	11806	81360	83075		462	82605	15211	18312	8561/	11602	83705	88645		462	97091	05	+		ir _o	29		
Boscombe Down	746	82105	48606	19912	8571/	11400	88650			746	81901	30106	18912	8621/	12706	88703			746	01111	09	ir _o ro _o ro _o		id _o rr	28		
Ross-on-Wye										627	70000	48022	17313	7561/	12705	87630			627	00121	09	+		+	27		
Bristol	628	71104	23106	18612	7561/	12805	87640			628	80000	23102	17313	8561/	13712	83708	88640		628	97111	08	+		ir _o	26		
Aberporth	502	61807	62031	18011	2563/	10000	82645	86362		502	72003	48102	17012	38432	11604	82705	83645	86362	502	00111	08	+		+	25		
Rhoose (Cardiff)	715	72002	69018	18413	7561/	10804	84625	87656		715	70000	23104	17312	48436	12708	83815	87275		715	97111	10	pr _o		if	24		
Plymouth	827	81606	40102	18913	4563/	13804	81706	84640	88360	827	80705	22636	17312	4732/	12607	84706	87335		827	04121	12	ir _o		rr	23		
Chivenor	707	60906	62018	18713	1573/	12804	81650	86359		707	71006	61032	17213	15676	11609	81640	85360	87275	707	97111	09	+		ro _o ro _o	22		
St. Mawgan	817	81607	62022	18713	5542/	12802	83615	88460		817	80906	32636	16612	4547/	12608	84615	88459		817	03111	08	+		rrir _o	21		
Culdrose	809	82303	28102	1861																							

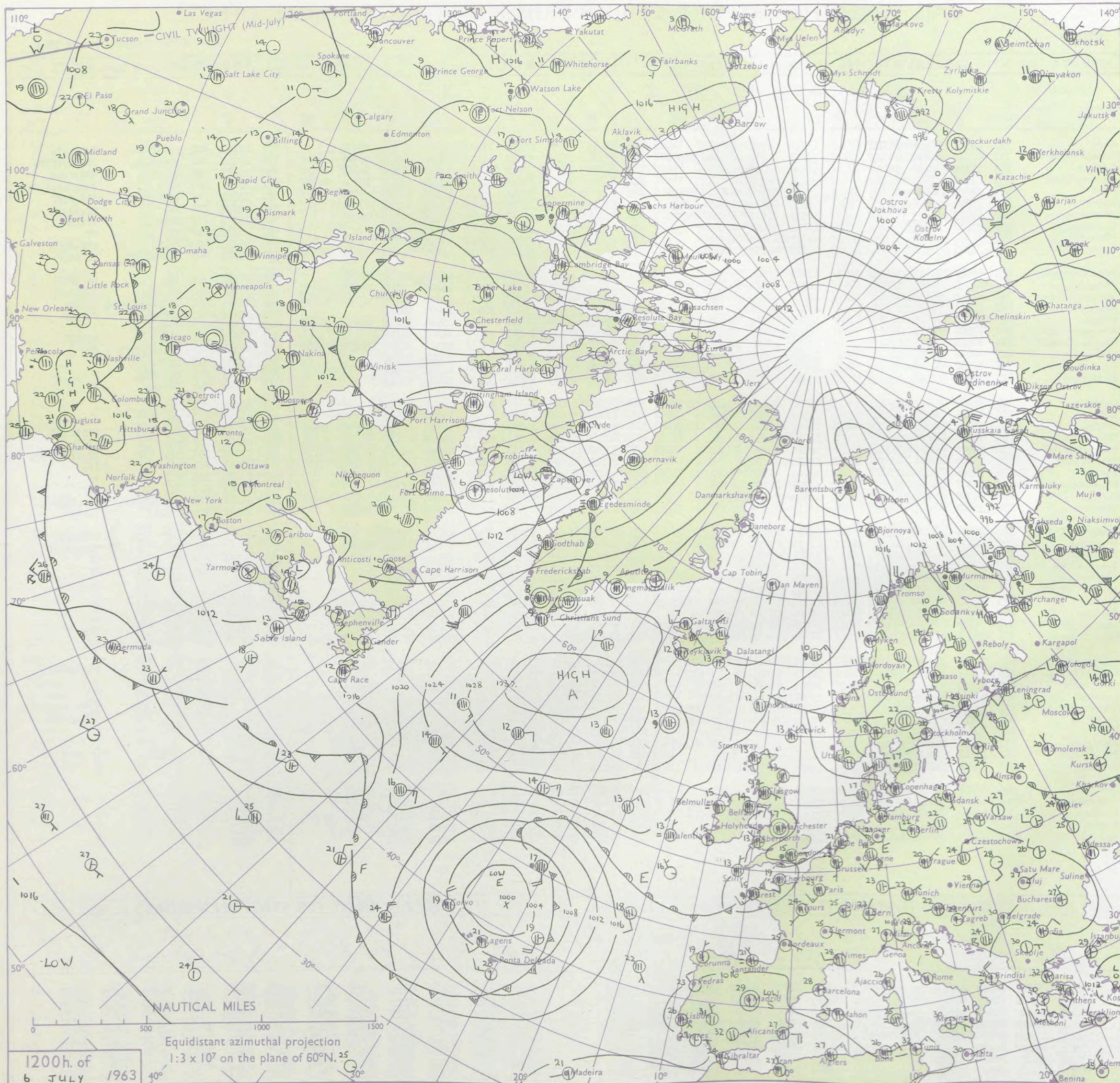
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37117

Date of Issue Sunday 7 July 1963

Code FM II.A		OBSERVATIONS at 12h. 6 July 1963										OBSERVATIONS at 18h. 6 July 1963										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	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	VVwww	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 + F	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Kew	775	81404	28636	16515	6732/	13716	86706	88540		775	81503	17656	11415	7722/	14728	87705	88530		775	21162	001	ro _o ro _o rrRR	RRrrrrro _o			
London Airport	772	80907	48616	16615	5742/	13715	85710	84618	88556	772	81506	15596	11515	6712/	14718	82703	86705	88540	772	19162	000	rrRRro _o ro	rrddrrrrpro			
Gatwick	776	81110	40616	16414	872/	14818	83703	88706		776	82009	40586	12015	7632/	15723	85707	86709	88530	776	22151	000	ir _o RR	RRd _o rod _r			
Thorney Island	871	81110	17636	15314	872/	14826	88705			871	82310	19516	12615	872/	14714	81703	87704	88708	871	19161	000	rrRR	ro _o ro _o d _o ro _o d _o			
Hurn	862	80807	56636	14914	7582/	13721	81707	87650	88459	862	73413	62216	12715	755/	14505	84706	87628		862	15151	///	rrRRdr	idd _o d _o orr			
Guernsey	894	71914	61204	14615	784/	14609	81703	85815	87620	894	83214	19285	14813	860/	13303	82700	87701		894	92171	014	id _o	pro _o id _o if			
Wattisham	590	81603	58032	17215	6857/	11712	82820	85630	88359	590	81211	30636	13013	7722/	13833	87703	88525		590	10172	///	irrr	rrirRR			
Gorleston	497	81712	56052	17715	3557/	13711	83628	88360		497	81809	40616	15014	855/	13717	88624			497	08172	010	rr	rr			
Mildenhall	578	82201	61022	16817	2847/	13713	81818	88358		578	80901	48636	13214	6742/	13622	86710	88550		578	19171	000	ro _o ro	rrro _o roRR			
Cardington	559	81706	58606	16816	885/	13713	84820	88640		559	80205	48636	13014	7842/	13821	85812	85640	88460	559	09172	000	ir _o ro _o ro _o rr	rrRRro _o ro			
West Raynham	485	81908	59022	16616	4857/	13710	83825	88359		485	80603	40636	13313	5562/	12625	85630	88556		485	08172	012	ir _o	ro _o ro _o rrRR			
Wittering	462	81505	61016	16516	6857/	12713	82820	86650	87359	462	80000	37636	13614	6542/	13720	82708	85615	88550	462	06161	000	ir _o rr	rrRRro _o ro			
Boscombe Down	746	81105	29636	16413	862/	13716	87703	88706		746	70305	62206	13313	756/	13613	81704	85710	87630	746	15141	000	rrrrro _o id _o d _o d _o	d _o d _o dd			
Ross-on-Wye	627	81205	57605	15815	8042/	13710	88510			627	82502	57216	13913	865/	12607	88720			627	05151	002	id _o ro _o	ro _o ro _o pr			
Bristol	628	80206	28616	16013	4742/	12714	84712	88540		628	73103	48216	14214	5567/	13504	82712	85636	87459	628	07141	030	ir _o ro _o ro _o rr	+			
Aberporth	502	73106	61216	15913	5847/	12708	82818	85645	87360	502	93010	02474	15311	910/	11301	89100			502	93151	008	ir _o ff	iffiff			
Rhoose (Cardiff)	715	80405	40636	15513	5552/	13813	85620	88540		715	63011	59016	14614	656/	12302	81708	84630	86640	715	09151	012	ir _o rrrrro _o RR	rr			
Plymouth	827	80410	28596	14414	4542/	13611	83708	84616	88550	827	23014	62016	15417	22500	12209	82820			827	02171	049	rrdr	+			
Chivenor	707	80502	56586	15514	7557/	13710	83708	85620	866																	

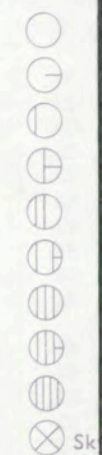
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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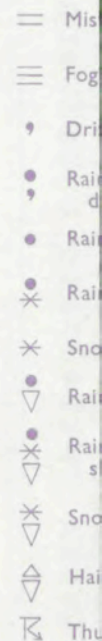
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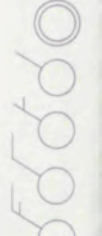


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CHARTS OF WEATHER IN WEST EUROPE

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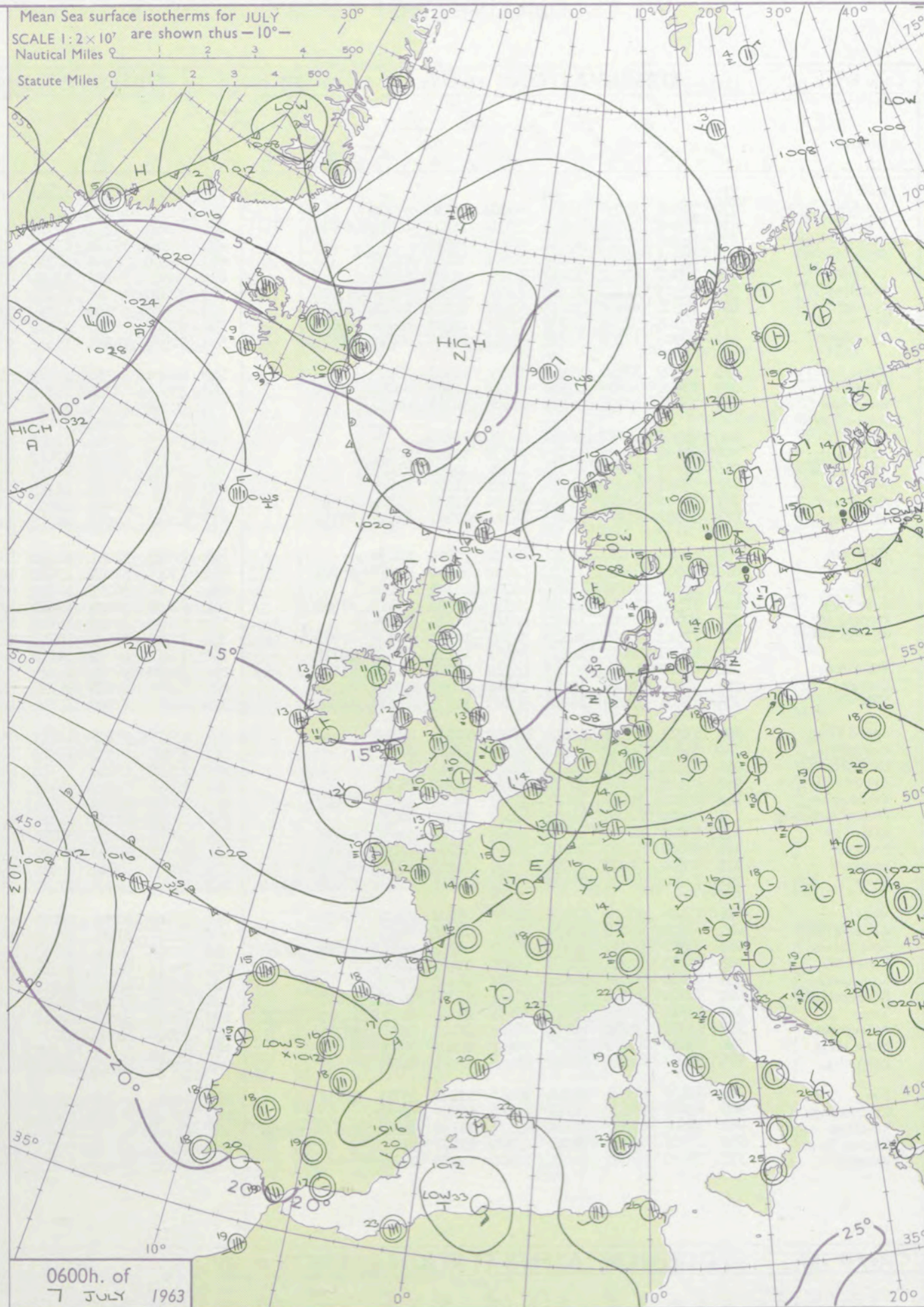
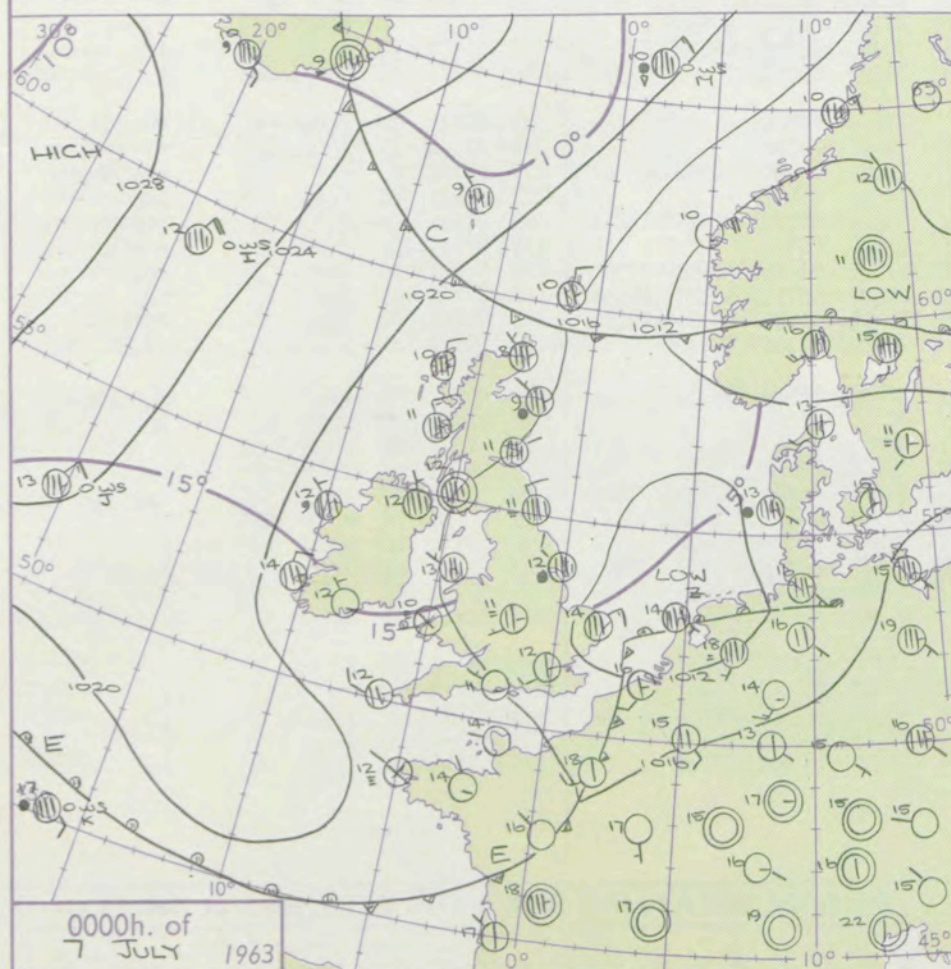
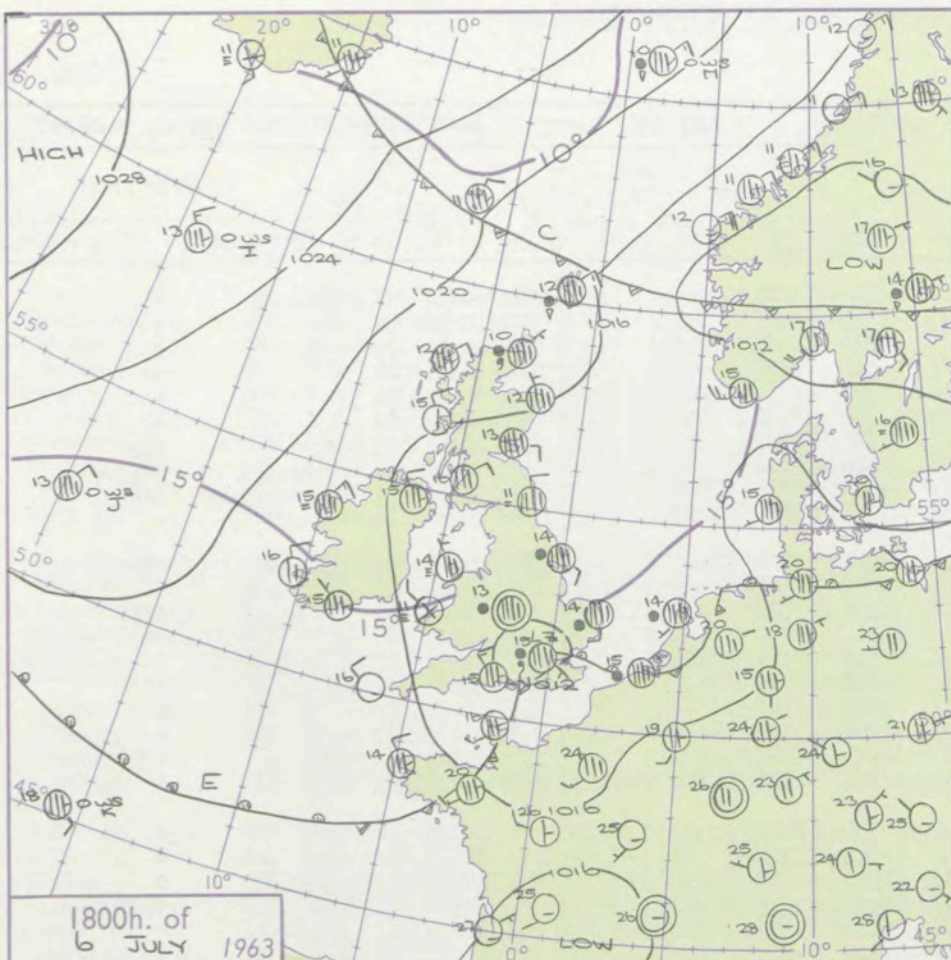
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 7 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The small depression which moved from the English Channel to the North Sea yesterday is now near Denmark and will transfer to the Baltic with marked troughing southwestwards. The northerly flow over the British Isles and the Norwegian Sea will be interrupted by a new depression moving southeast from Greenland into the sea area between Greenland and Norway.

Rather cloudy weather with showers, heavy in places in central districts today, will give way to mainly clear skies during the night away from the extreme north and northwest. Some mist or fog tonight will clear quickly in the morning. Some rain will reach Scotland tomorrow but most other areas will be dry apart from a few light showers.

OUTLOOK for the following 24 hours. Occasional rain in the north. Mostly dry in the south.

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

Code FM 11.A		OBSERVATIONS at 00h.									7 July 1963									OBSERVATIONS at 06h.									7 July 1963									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	RRRT _n h _e	T _g T _g	WEATHER																					
																						21h.—03h.	03h.—09h.																				
Kew	775			12						775	72301	32101	16712	76311	11213	87706				775	91111	07	r _o r _o ir _o	+	40																		
London Airport	772	32508	56038	14512	36400	11113	83714			772	32705	44101	17010	00901	09215	83075				772	97091	06	ir _o	+	39																		
Watwick	776	72805	58106	14811	75411	10221	82712	87615		776	71801	37101	17110	76311	10213	83706	88708			776	97081	05	d _o r _o	+	38																		
Thorney Island	871	02808	58025	15912	00900	11118				871	72903	37101	17611	76411	11313	87710				871	00101	08	+	+	37																		
Hurn	862	12806	59021	16111	00901	11214	81078			862	62505	32101	17310	15642	10007	81635	85075			862	91081	04	+	+	36																		
Guernsey	894	13007	62031	18212	10932	11109	81365			894	32908	50101	19111	36032	11301	83701				894	00111	09	+	+	35																		
Wattisham	590	72913	48808	12212	75511	12314	82703	87625		590	72910	40028	15212	76311	11216	87707				590	01111	10	irpr _o	id _o	34																		
Gorleston	497	70515	60136	10614	65571	13823	86625	87360		497	72906	50105	13813	75511	12224	87626				497	33122	11	rrrr _o RR1	id _o ir _o	33																		
Mildenhall	578	73105	37216	12513	75711	12207	84703	87650		578	82705	32105	15512	85511	12216	84706	88620			578	05121	11	r _o r _o RRrrd _o d _o	id _o	32																		
Cardington	559	82708	37106	13812	85511	11208	87708	88625		559	72507	28101	16312	75611	11215	87710	87640			559	01101	08	r _o r _o rr	+	31																		
West Raynham	485	83309	37616	11912	87211	12508	88705			485	82806	32216	14512	85511	12211	84708	88620			485	06111	11	RRrrrr _o r _o	ir _o	30																		
Wittering	462	83208	40606	13511	85611	11001	83630	88650		462	72909	27106	15712	75611	11212	82710	87635			462	01111	10	RRrr _o r _o ir _o	+	29																		
Boscombe Down	746	23204	48101	16411	25600	10214	82630			746	33404	37104	17610	00901	10208	83076				746	00081	03	+	ifff	28																		
Ross-on-Wye										627	82202	60022	17110	85511	10310	88625				627	00091	05	+	+	27																		
Bristol	628	02905	56020	16011	00900	11213				628	82504	48101	17511	85611	10212	83716	88630			628	00081	05	+	+	26																		
Aberporth	502	92606	01454	16710	91011	10109	89100			502	82903	56034	17412	85611	11307	86715	88630			502	00101	09	FF	if	25																		
Rhoose (Cardiff)	715	13009	58021	16711	12500	10209	81820			715	33006	61011	17810	35671	09208	81708				715	00081	05	+	+	24																		
Plymouth	827	13005	61031	18212	11531	11208	81820			827	70000	57102	18712	65611	12308	85708	86630			827	00101	07	+	+	23																		
Chivenor	707	40000	61011	17312	48400	12108	82818	83635		707	10000	69011	18012	18501	11209	81825				707	00111	08	+	+	22																		
St. Mawgan	817	72809	62022	18113	76311	12107	83706	87711		817	62610	59012	18313	12400	12307	81703	86708	81815		817	00121	09	+	+	21																		
Culdrose	809	43008	64030	18311	25632	10105	82630			809	22905	57051	18212	28400	11801	81815				809	00100	//	+	+	20																		
Scilly	804	52808	69031	18512	12432	11304	81817	85075		804	13005	61011	19112	10940	12302	81365				804	00111	//	+	+	19																		
Elmdon	534	52507	32106	14811	55700	10108	85650			534	72006	56051	16712	65671	11210	82712	84630			534	02091	07	rrrr _o r _o	+	18																		
Shawbury	414	72505	23116	15010	35511	10105	83627	87462		414	62607	48104	16511	35571	10309	83625	84466			414	92081	05	rrif	ifFF	17																		
Manchester	334	80000	10289	14212	86311	11202	88708			334	82802	19042	15711	87211	10210	82703	88704			334	97111	11	r _o r _o off	+	16																		
Squires Gate	318	72513	37106	14513	35302	12302	83708	87070		318	72706	56052	15613	76311	12209	82709	87710			318	00130	11	+	+	15																		
Valley	302	82905	48022	15913	86311	11208	83707	88712		302	83408	48032	16912	86311	12201	88706				302	00121	11	+	+	14																		
Ronaldsway																																											

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

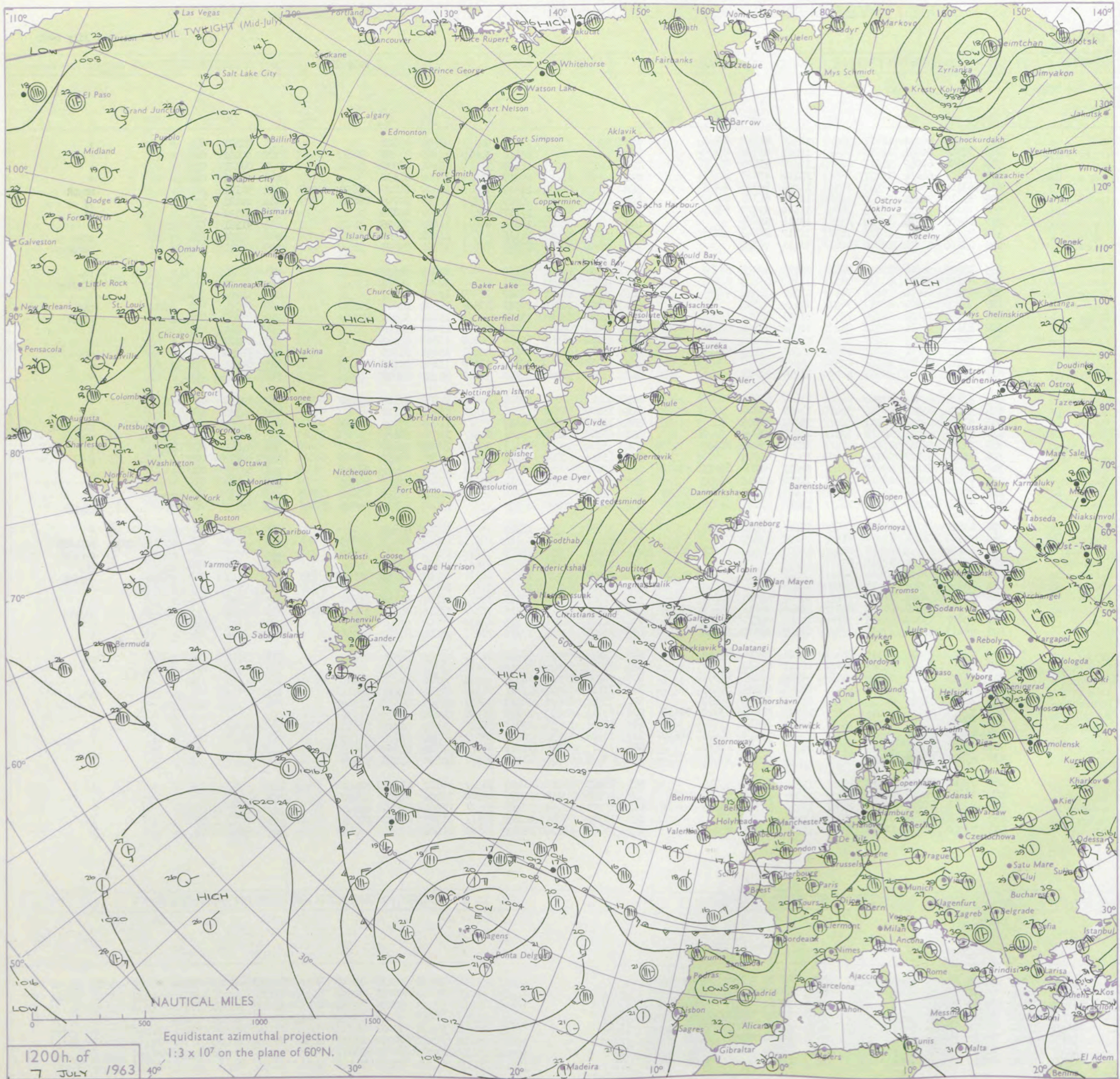
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37118

Date of Issue Monday 8 July 1963

Code FM II.A		OBSERVATIONS at 12h. 7 July 1963										OBSERVATIONS at 18h. 7 July 1963										OBSERVATIONS during DAY			
Station	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T x E	SSS	WEATHER		
																							09h.—15h.	15h.—21h.	
104 Kew	775	72403	66022	18417	786//	10106	81830	87645		775	52902	70022	17720	525//	09705	85828			775	00201	076	+	+		
102 London Airport	772	72807	66021	18616	785//	12205	81820	87635		772	32608	75031	18119	32660	10703	83835			772	00201	075	+	+		
100 Gatwick	776	62606	62012	18617	68500	12107	83825	85650		776	32501	62011	18119	32600	11701	83830			776	00201	075	+	+		
99 Thorney Island	871	72007	64031	19317	785//	12106	83825	87635		871	12509	62022	19217	11600	13502	81830			871	00191	074	+	+		
97 Hurn	862	63105	66011	18917	685//	11204	84825	83640		862	72007	66028	18917	735//	13500	84825	85650	82928	862	97191	///	+	proPR		
95 Guernsey	894	52710	70021	21015	42342	11207	81706	84810		894	62910	63031	20815	623//	12200	82705	86808		894	00181	133	+	jf		
93 Wattisham	590	73208	56012	17916	785//	11110	83820	87635		590	60602	58031	17717	626//	12805	86830			590	00191	///	+	tl		
91 Gorleston	497	83508	56216	17415	855//	13214	88622			497	60305	60012	18614	655//	11102	86625			497	91161	017	ir _o	+		
90 Mildenhall	578	72703	56011	18117	785//	12112	86825	83640		578	50201	56058	18116	55600	13301	85645			578	97201	051	+	pro		
88 Cardington	559	63106	60021	18218	626//	11111	86830			559	70404	70152	17817	735//	13702	85925			559	01211	068	+	tlrpro		
86 West Raynham	485	73509	56012	17616	785//	11113	85825	83635		485	10208	66021	18115	15700	12202	81656			485	97171	049	+	ir _o		
84 Wittering	462	72807	59022	18317	785//	11109	85825	86645		462	70414	61038	18215	735//	12202	87922			462	97181	029	+	proir _o		
82 Boscombe Down	746	73503	66021	19416	785//	11209	84820	86635		746	20000	61011	19017	28500	12703	81827			746	00181	062	+	+		
81 Ross-on-Wye	627	72705	63021	18017	785//	11104	85825			627	60000	57039	18817	53502	11104	81825	84930		627						

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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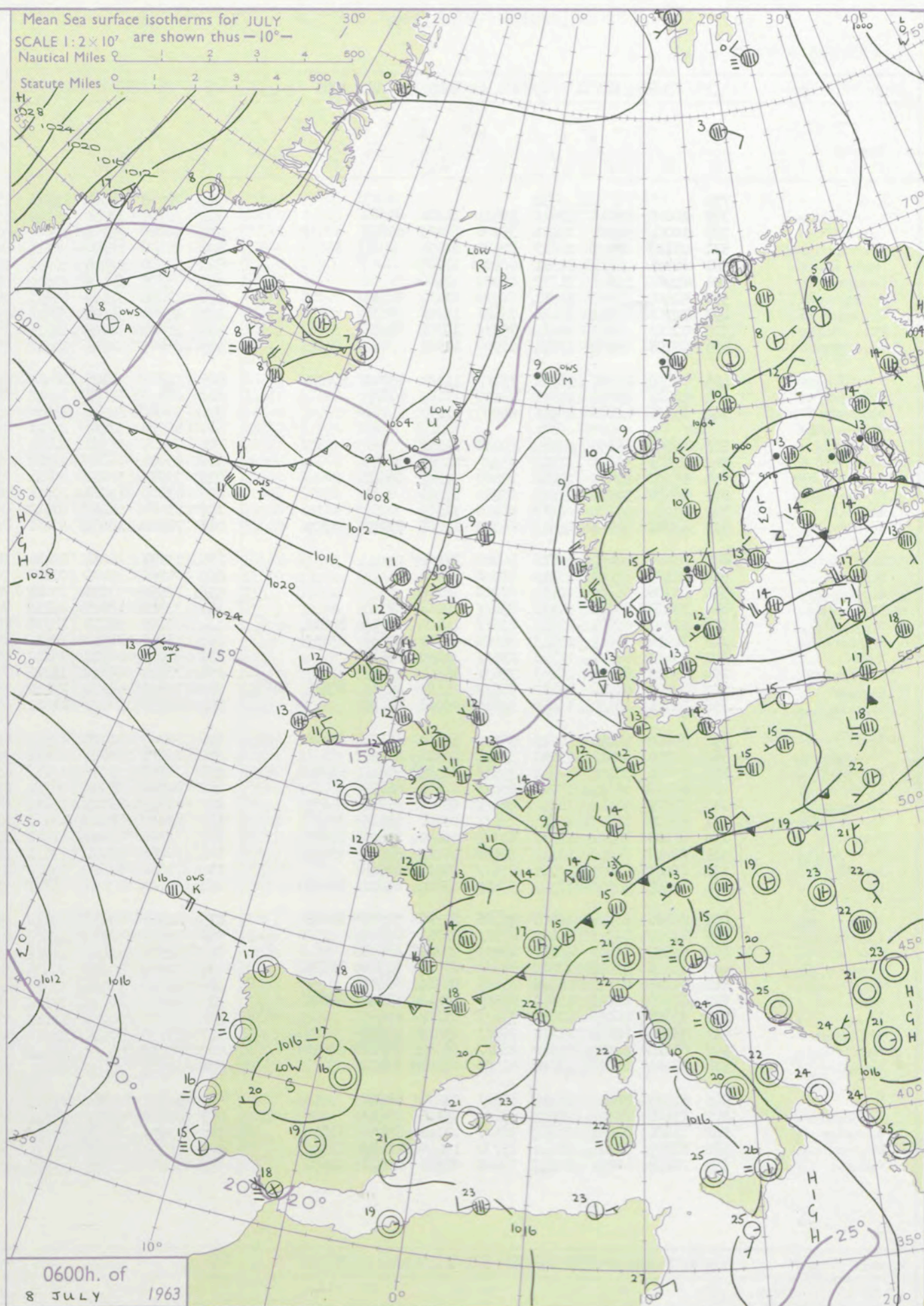
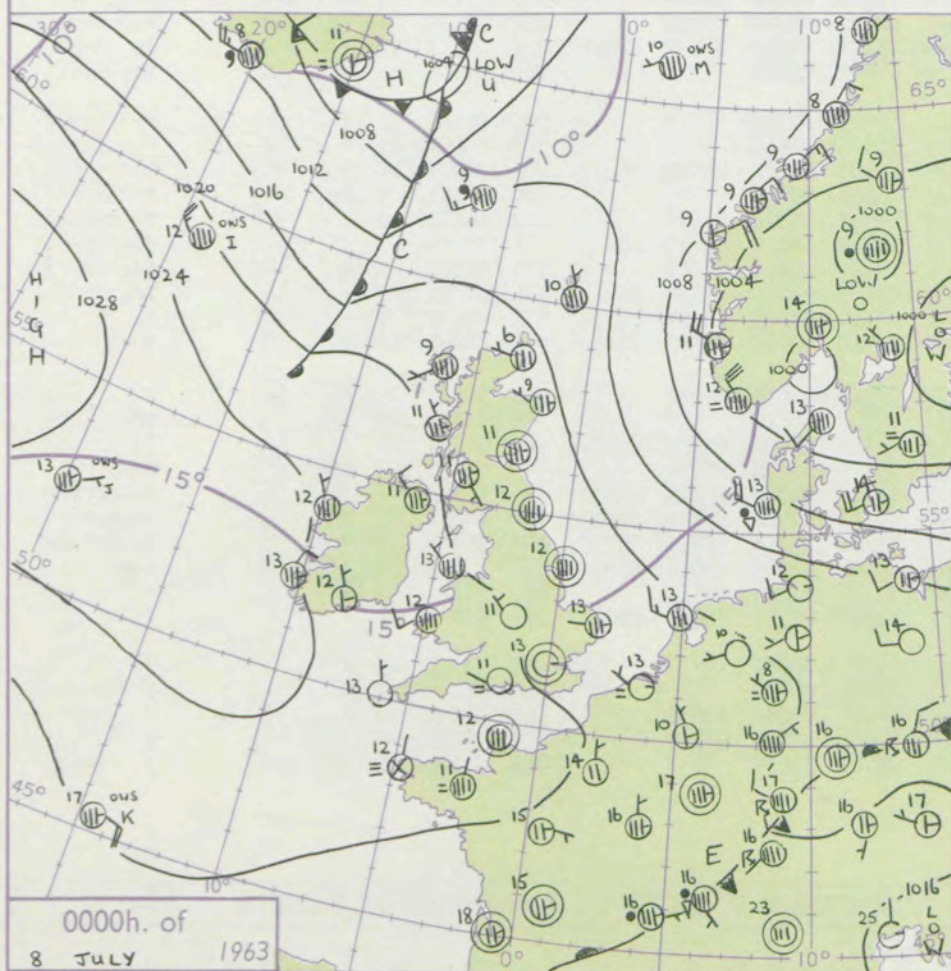
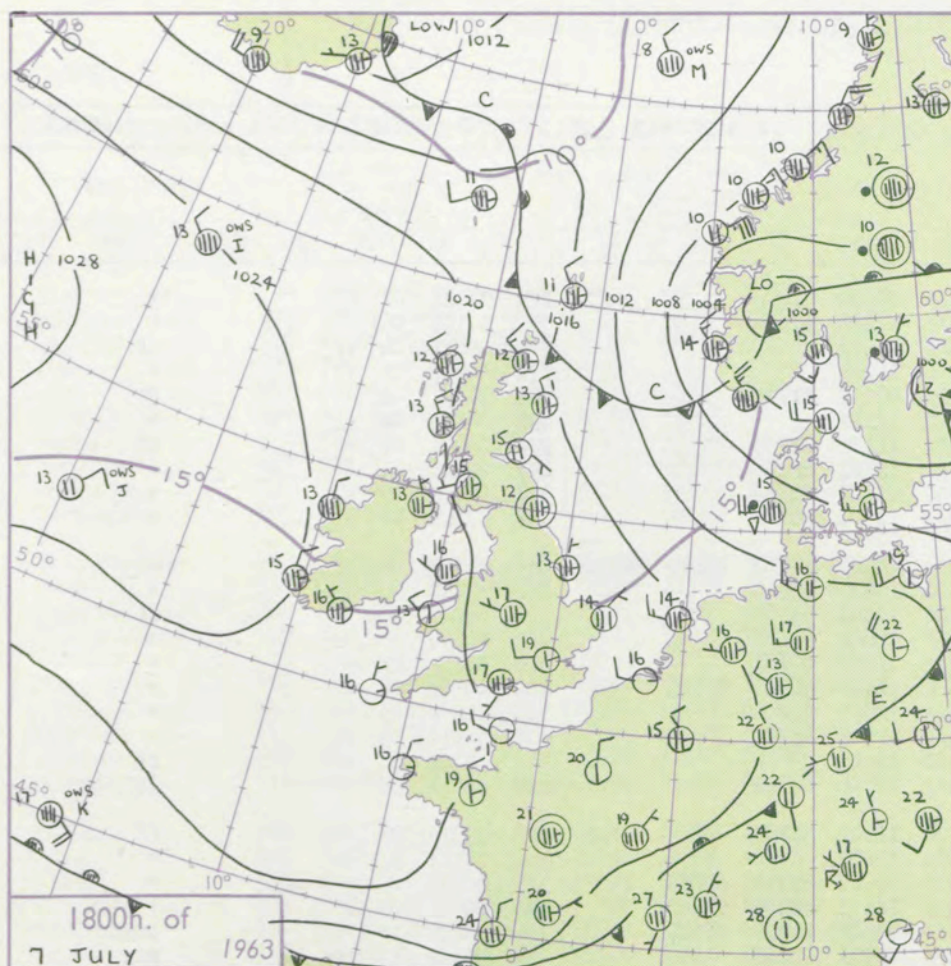
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 8 July 1963

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Apart from a few scattered showers this afternoon, southern areas of the British Isles will be generally dry with bright periods though high cloud will increase. Northern areas will be cloudy, with rain or drizzle in places. Brighter showery weather will spread south into parts of Scotland later.

OUTLOOK for the following 24 hours. Unsettled. Occasional rain or showers in many districts; also sunny intervals.

An anticyclone over the northwest Atlantic and a depression near the Azores will both continue to be slow-moving, as will a ridge extending east across Biscay to central Europe. Pressure will remain low over Norway whilst a depression which has deepened near Iceland is expected to move southeast across the Norwegian Sea with associated troughs moving across northern parts of the British Isles.

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

Code FM 11.A OBSERVATIONS at 00h. 8 July 1963										OBSERVATIONS at 06h. 8 July 1963										OBSERVATIONS during NIGHT					CONV TA °C	
Station	iii	Nddff	VVwwW	PPPTT	N _h Ch _h C _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 C _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	RRT _n T _n E	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Kew	775			12						775	70000	28051	19713	75611	10302	87640			775	97121	07	+	+		40	
London Airport	772	10000	56011	19613	10931	11206	81360			772	72705	37050	19911	75611	10206	87640			772	97101	06	+	+		39	
Gatwick	776	10000	56101	19411	15700	10103	81656			776	00000	35104	19911	00900	11203				776	00071	04	ff	ff		38	
Thorney Island	871	03102	48110	20013	00900	12203				871	00000	40100	20311	00900	11204				871	00101	09	+	+		37	
Hurn	862	02801	48101	20211	00900	11207				862	10000	09414	20509	16030	09205	81700			862	97071	04	+	ff		36	
Guernsey	894	02905	35100	21312	00900	12400				894	03506	17100	21612	00900	12102				894	00111	09	+	+		35	
Wattisham	590	62402	23109	18911	60930	11102	86358			590	13006	32104	18811	16202	11102	81705			590	00091	06	+	ff		34	
Gorleston	497	72702	64022	19013	75611	11201	87638			497	82708	56102	18613	85511	12702	88621			497	00121	11	+	+		33	
Mildenhall	578	72001	37051	18614	75711	13301	87656			578	32504	40104	18911	35700	10400	83656			578	00101	08	+	+		32	
Cardington	559	02706	19109	19211	00900	11302				559	62807	32101	19512	65611	11302	86640			559	97081	06	pro	+		31	
West Raynham	485	72402	62606	18912	75711	11103	83711	87650		485	72605	23106	18310	75611	10702	81707	83630	86640	485	97081	06	ir _o	+		30	
Wittering	462	12807	48016	19611	15600	10105	81645			462	62910	58031	19412	65600	10601	86645			462	97091	06	ir _o	+		29	
Boscombe Down	746	03502	40100	20911	00900	11207				746	20000	32284	21010	25600	10301	81708			746	00091	04	+	ff		28	
Ross-on-Wye										627	80000	57022	20011	85611	10602	88630			627	00101	07	+	+		27	
Bristol	628	02604	56058	20712	00900	11107				628	72505	56051	20712	75611	11500											

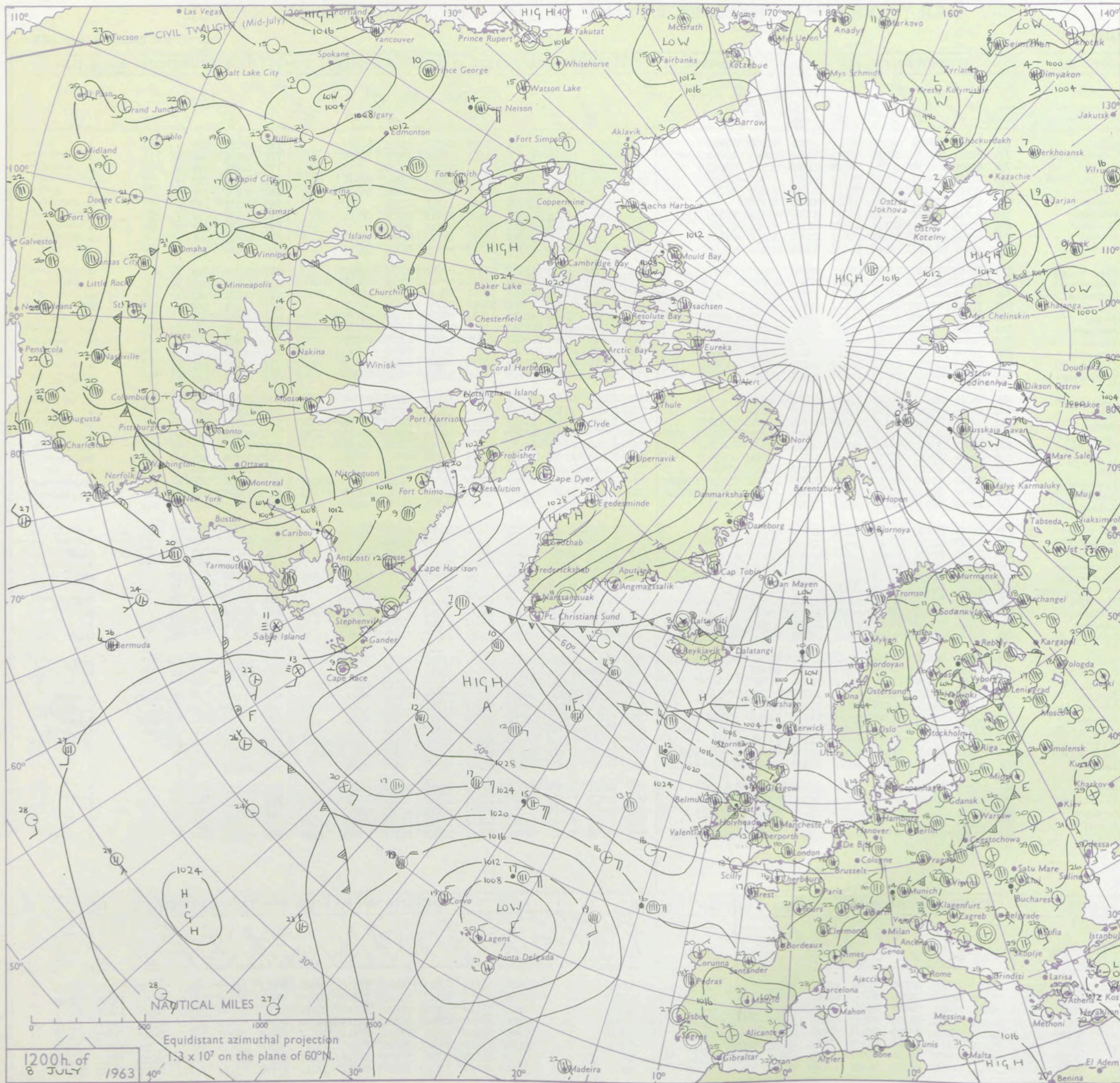
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 31119

Date of Issue Tuesday 9 July 1963

Code FM 11.A		OBSERVATIONS at 12h. 8 July 1963										OBSERVATIONS at 18h. 8 July 1963										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T _s X _s E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
104 Kew	775	72809	78021	19417	78611	09704	82830	87640		775	62807	70012	17019	31566	08712	83825	86275		775	00190	058	+	+			
102 London Airport	772	82711	69031	19716	88611	11602	82835	88650		772	52510	74022	17119	21601	09715	82835	84075		772	00191	054	+	+			
100 Gatwick	776	82910	66031	19618	88511	11704	82828	88643		776	52807	62022	17319	58600	11715	84830			776	00191	078	+	+			
99 Thorney Island	871	72008	59031	20416	78511	12504	82828	87640		871	72511	66022	18317	78611	13713	81830	87645		871	00190	077	+	+			
97 Hurn	862	72805	62012	20218	78511	12604	81825	87638		862	52812	78012	18318	58403	10713	81818	84640		862	00191	111	+	+			
95 Guernsey	894	12708	62020	22217	11400	11000	81812			894	12811	60020	20516	11300	13711	81809			894	00171	130	+	+			
93 Wattisham	590	82612	64031	18415	88411	11705	84818	85635	88645	590	72706	64022	16416	18646	11813	81835	87278		590	00170	111	+	+			
91 Gorleston	497	73005	60032	18115	12571	09605	81822	87360		497	63010	60012	16416	65511	09712	86624			497	00171	042	+	+			
90 Mildenhall	578	72909	74011	18616	78611	09601	84830	87650		578	72807	66022	16317	58632	10712	82830	84650		578	00181	021	+	+			
88 Cardington	559	72909	66012	19116	68631	10606	83830	86650		559	72611	80012	17216	18618	09709	81835	87270		559	00190	023	+	+			
86 West Raynham	485	82612	62022	17614	88511	10701	82820	88650		485	52713	66012	15915	38502	09714	81828	85072		485	00161	019	+	+			
84 Wittering	462	73015	66012	18715	75611	08801	87635			462	73108	74032	16515	65612	09710	82635	86645	86467	462	00181	045	+	+			
82 Boscombe Down	746	83107	62031	20416	88511	12001	83824	88645		746	63109	74031	18617	15601	10710	81630	86078		746	00181	067	+	+			
81 Ross-on-Wye	627	72710	81022	19816	65612	09804	86630			627	72707	83022	17915	14612												

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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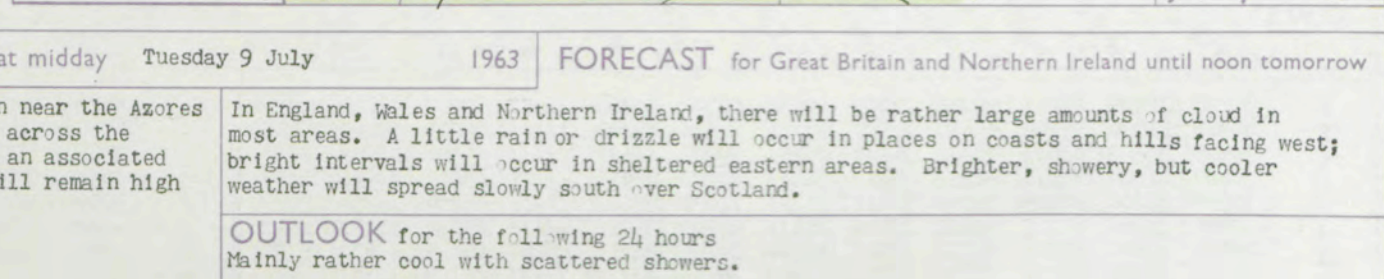
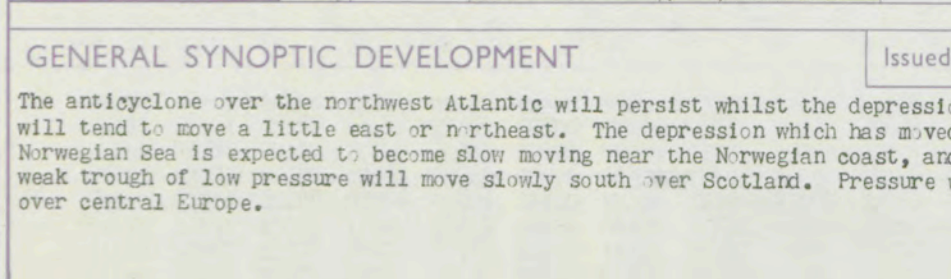
CLO

Symbol

WEA

Symbol

For each half-feet 5 knots



DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

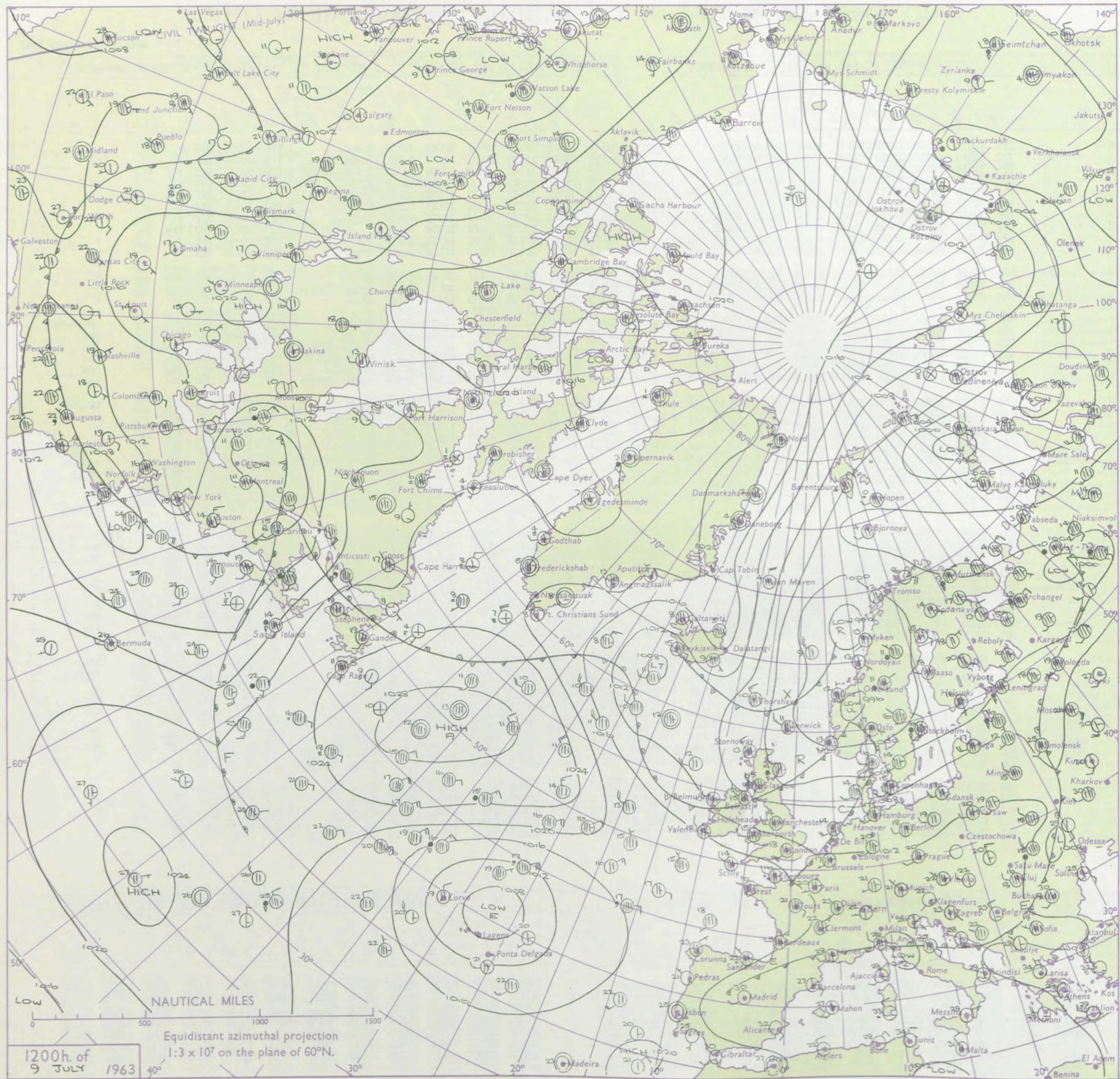
No. 37120

Date of Issue Wednesday 10 July 1963

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Code FM II.A		OBSERVATIONS at 12h. 9 July 1963										OBSERVATIONS at 18h. 9 July 1963										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwWW	PPPTT	NChC _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	NChC _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	RRTT _E	SSS	WEATHER			
																								09h.—15h.	15h.—21h.	
104	Kew	775	72513	66022	12918	68631	09805	86830	83650		775	72809	74022	10919	68641	10613	82830	84640		775	00200	075	+	+		
102	London Airport	772	62318	82012	13318	58632	10603	84830	84362		772	62611	80012	11119	38631	11712	83835	83362		772	00201	064	+	+		
100	Gatwick	776	72515	70022	13817	78511	11801	83822	86635		776	72313	74022	11917	38631	12708	81830	83645	86362	776	00200	033	+	+		
99	Thorney Island	871	72511	74022	14717	78611	12802	83830	87645		871	62408	78012	12517	28632	12712	81830	83362	86075	871	00190	051	+	+		
97	Hurn	862	72314	81012	14617	78511	13703	81718	86822	86635	862	62417	74032	12917	38571	12507	83825	83075		862	97190	111	+	ir0		
95	Guernsey	894	72912	80032	17215	68411	10704	83815	86650		894	72513	82022	15914	68572	12613	81820	86630		894	00161	019	+	+		
93	Wattisham	590	72512	70012	11716	78511	11807	81820	87640		590	72614	66022	10317	78611	11705	82830	86650		590	00190	111	+	+		
91	Gorleston	497	72909	62022	12215	78411	11605	82818	87625		497	72708	62026	10417	75511	12708	87624			497	97171	007	ir0	+		
90	Mildenhall	578	82803	74022	11416	88511	11705	82820	84630	88645	578	72807	74012	10117	78611	12704	82830	87640		578	00201	024	+	+		
88	Cardington	559	72515	74032	12117	78611	10805	84830	86650		559	72511	66032	10417	78511	11708	82825	87656		559	00190	044	+	+		
86	West Raynham	485	82415	66035	10914	88411	11705	83818	88640		485	72510	74022	09416	78611	11707	82830	87650		485	97171	011	id0	+		
84	Wittering	462	72816	80022	11416	78511	10805	86825	86640		462	62711	74022	10317	64511	10605	82825	83635	85650	462	00181	030	+	+		
82	Boscombe Down	746	82907	80032	14616	88411	12704	83819	88628		746	73107	80032	13316	78531	12500	81828	87638		746	00201	051	+	+		
81	Ross-on-Wye										627	72509	77032	11016	65571	10606	86625			627	00181	023	+	+		
79	Bristol	628	72513	74022	13416	58571	11807	84824	83645	87360	628	72412	80022	12215	78611	11606	82830	86650		628	97181	018	+	pro0ro0		
77	Aberporth	502	82717	72032	13115	88411	11708	84815	88630		502	72518	80012	1												

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Expla
of sy

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Symbol

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VVEA

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W

Symbol



For each half face

5 knots

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CHARTS OF WEATHER IN WEST EUROPE

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mbols

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Cloud
Amount
(oktas)

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

ATHER
Weather

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h and snow

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h shower

h and snow
r shower

W shower

shower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

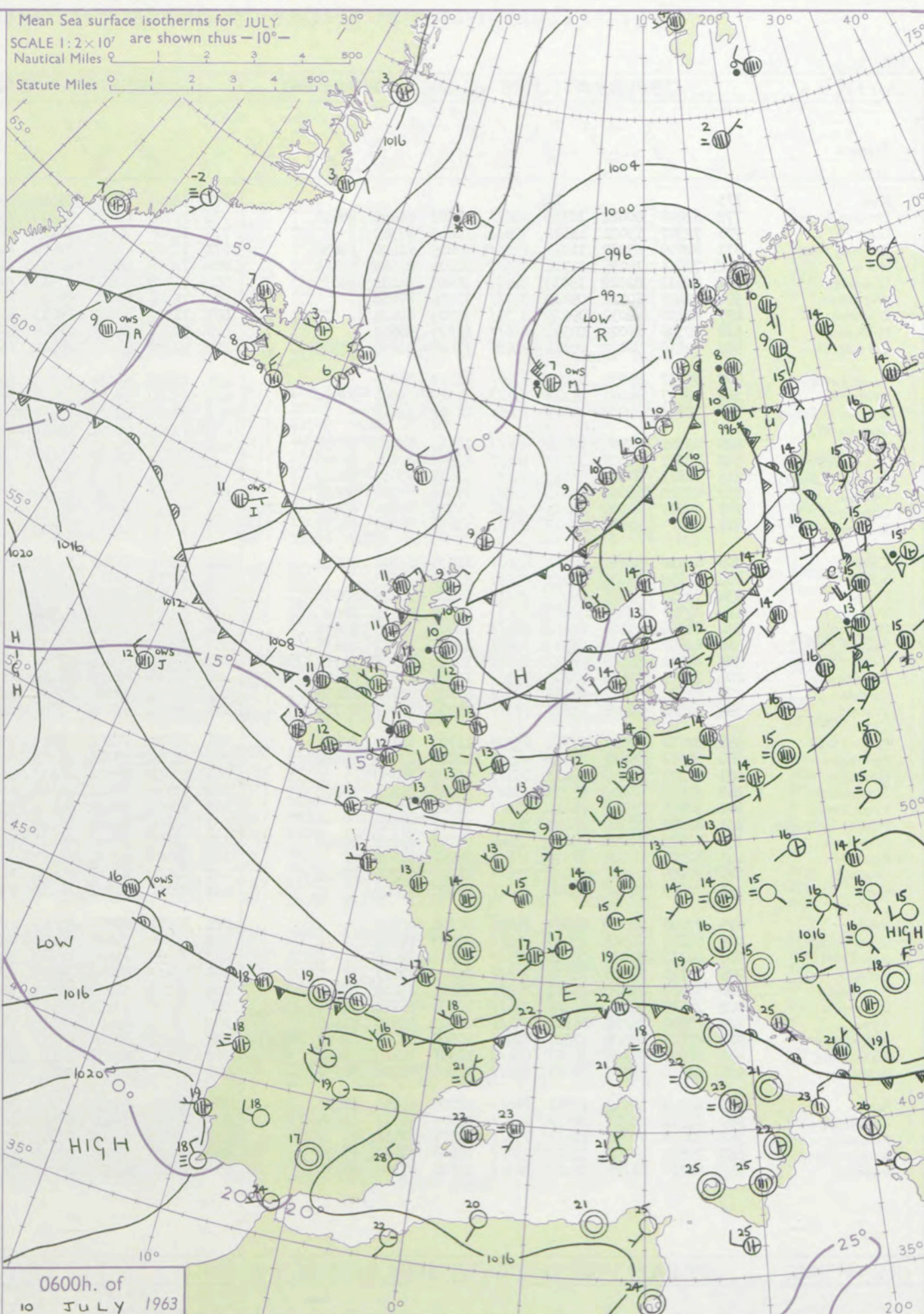
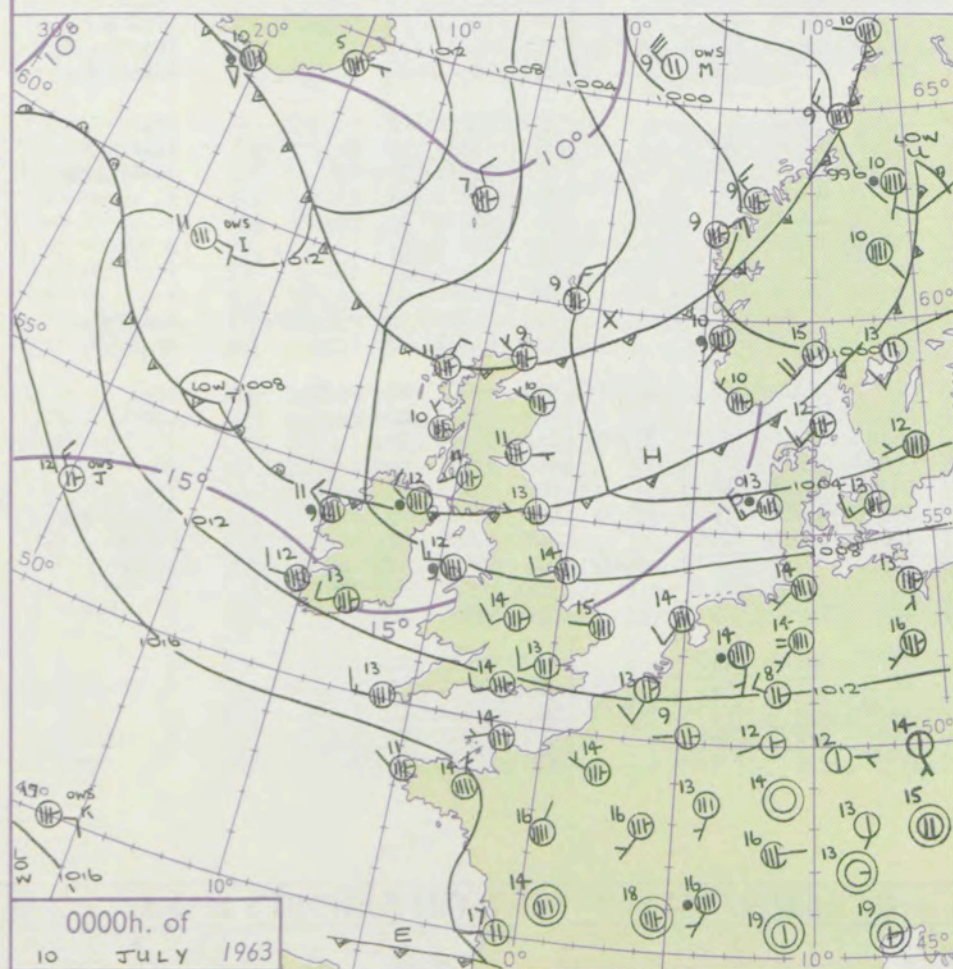
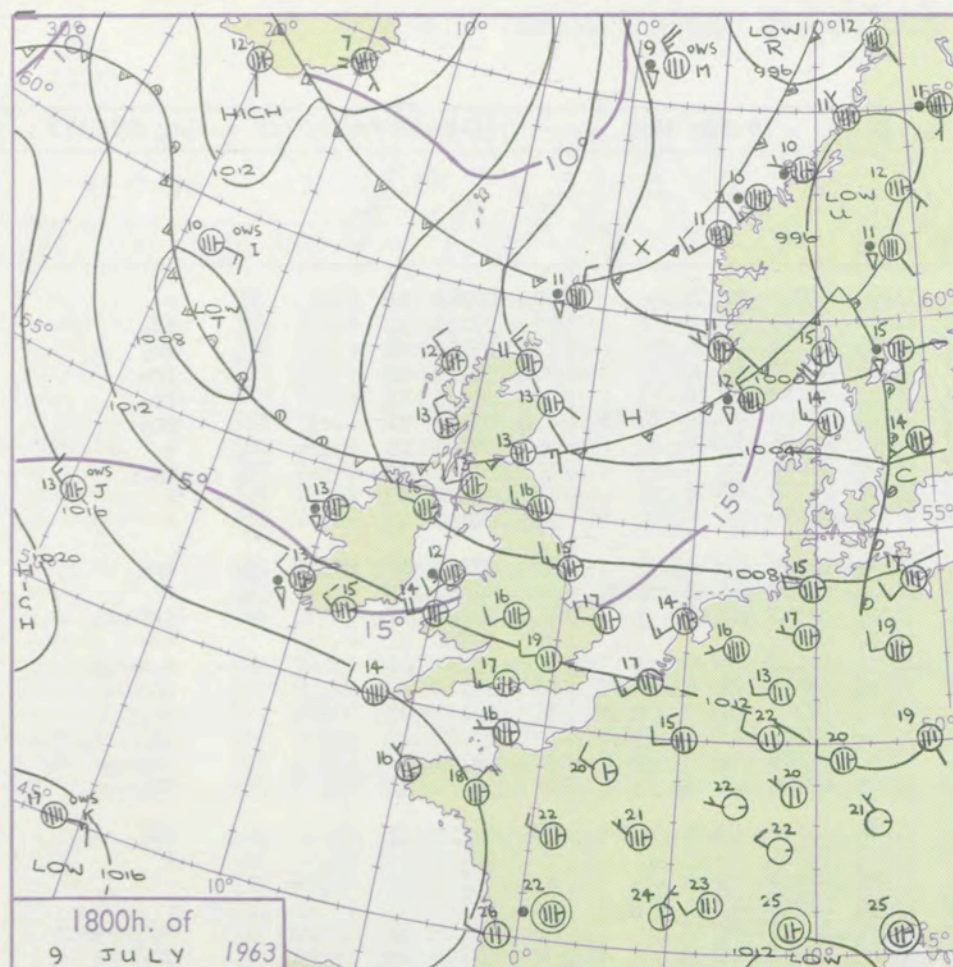
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13-17

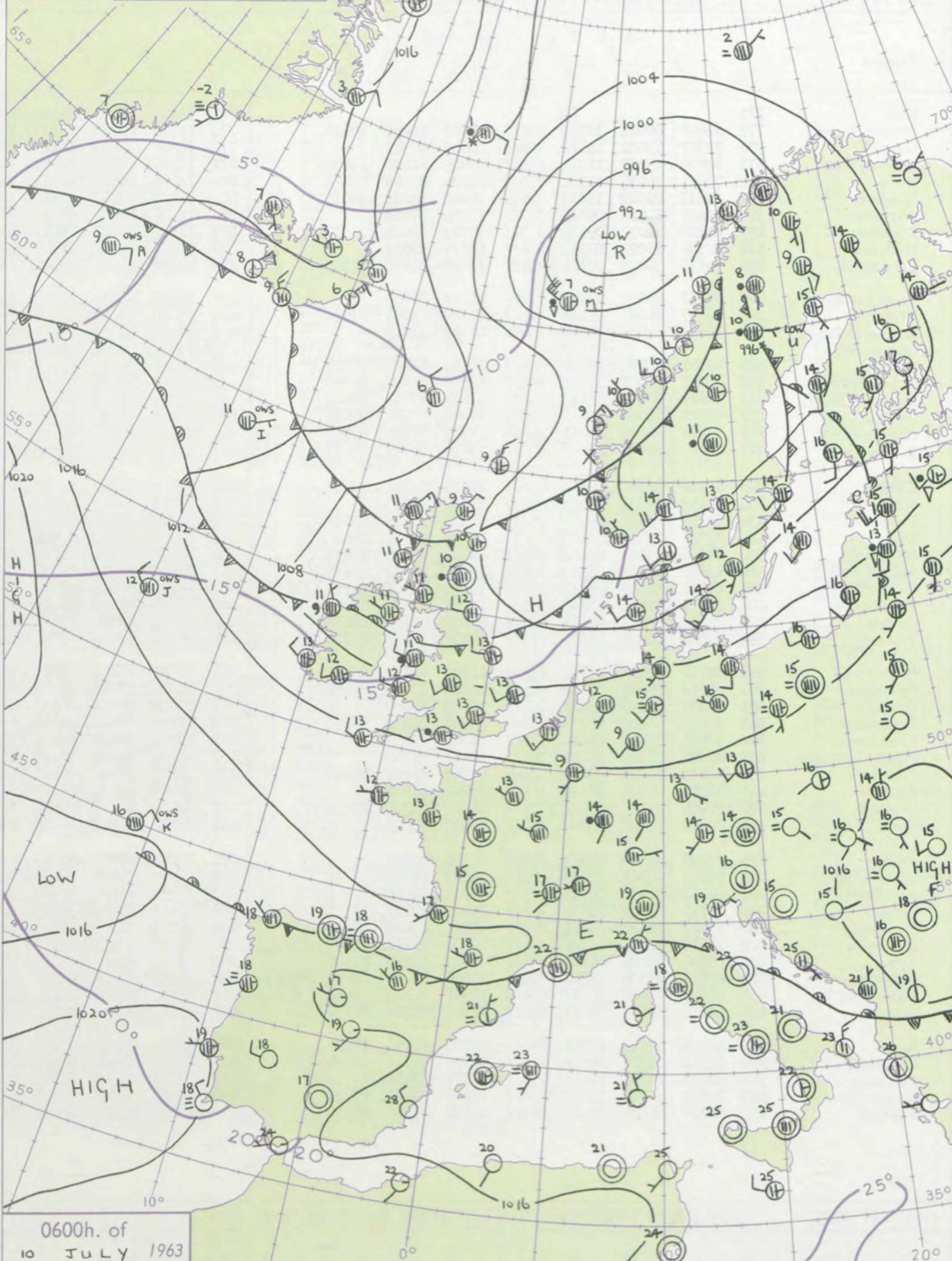
additional
her add

48-52



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

Statute Miles 0 1 2 3 4 500



Issued at midday Wednesday 10 July 1963 FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most districts will be rather cloudy, with occasional rain, mostly slight, but northern districts will become rather brighter with scattered showers tomorrow. There will, however, be some sunny intervals in the south and southeast of England. It will be rather cool generally especially in northern districts.

OUTLOOK for following 24 hours
Cool and cloudy with a little rain at times chiefly in the north and west.

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

OBSERVATIONS at 00h. 10 July 1963										OBSERVATIONS at 06h. 10 July 1963										OBSERVATIONS during NIGHT					CONVE TAB °C to																							
Code FM II.A	Station	ill	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	ill	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	ill	RRT _n T _n E	T _g T _g	WEATHER		°C to																							
																							21h.—03h.	03h.—09h.																								

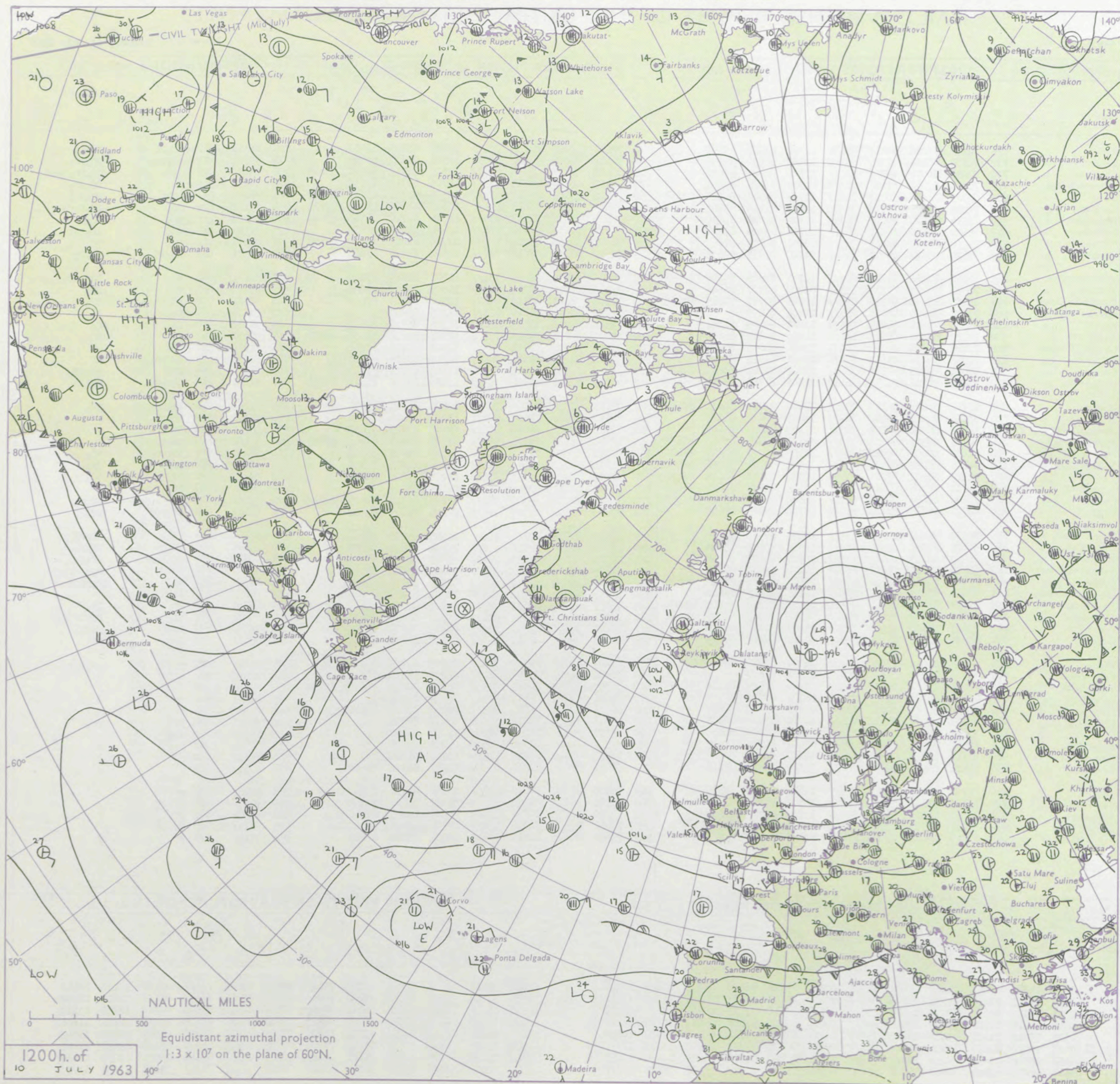
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37121

Date of Issue Thursday 11 July 1963

Code FM 11.A		OBSERVATIONS at 12h. 10 July 1963										OBSERVATIONS at 18h. 10 July 1963										OBSERVATIONS during DAY										
Station	iii	Nddff	VVwwWW	PPPTT	N _h Ch _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	VVwwWW	PPPTT	N _h Ch _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	VVwwWW	PPPTT	N _h Ch _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 T x E	SSS	WEATHER	
																															09h.—15h.	15h.—21h.
Kew	775	72812	83026	08917	68431	11704	83815	85640		775	72211	82028	08215	78511	12706	83820	87650		775	03181	010	ir _o PR		PRPR _o								
London Airport	772	72309	80206	09017	58611	11802	85830	86358		772	72211	74018	08116	68631	12505	82830	86656		772	91481	012	id _o ir _o		PR _o ir _o								
Gatwick	776	72413	80018	09716	78511	12500	84822	87650		776	82508	48618	09314	85511	13503	82715	86620	88645	776	03181	007	do _o ro		PR _o ir _o DRIR								
Thorney Island	871	72413	82026	11016	78511	11204	83828	87656		871	72617	80602	09715	78511	12705	83712	87650		871	97180	025	+		id _o ir _o								
Hurn	862	72313	78016	10717	78411	12703	82818	84625	87640	862	72512	59608	10515	58451	12304	81712	83818	87359	862	96181	111	do _o ro		PR _o ir _o								
Guernsey	894	72518	74028	13716	78472	12103	81815	87640		894	82620	58586	13113	85511	12603	84703	85620	87635	894	91161	005	PR _o		id _o do _o ro								
Wattisham	590	72514	74022	08217	68571	11302	85828	84630		590	82910	28818	07513	83311	12506	84710	86915	88640	590	01482	111	PR _o		PR _o PR								
Gorleston	497	72609	62028	08017	78511	13301	83820	87628		497	82601	62216	07714	88511	12400	81822	88634		497	01182	011	PR _o		ir _o ro _o ro								
Mildenhall	578	72510	78022	07717	78511	10603	84825	87645		578	72305	58216	07214	65571	13705	82625	86650	87458	578	93171	010	+		rr								
Cardington	559	72610	74022	08316	78511	09301	81825	87635		559	72509	63028	07614	78611	12602	81830	87640		559	02171	002	ir _o PR _o		PRPR _o								
West Raynham	485	82414	74016	07215	88511	11303	81825	85645	88656																							

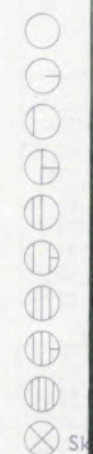
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Expl
of sy

CL

Symbol



WEA

Symbol

= Mis

= Fog

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• Ra

For each
half-feet
5 knots

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

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ATHER
Weather

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n and snow

w

n shower

n and snow
shower

w shower

l shower

understorm

WIND

Wind
speed
(knots)

Calm

1-2

3-7

8-12

13-17

n additional
ther add

48-52

Mean Sea surface isotherms for JULY

SCALE 1:2x10' are shown thus -10°-

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

65° 50° 45° 40° 35° 30° 25° 20° 15° 10° 5° 0° 5° 10° 15° 20° 25° 30° 35° 40° 45° 50° 55° 60° 65° 70° 75°

1016 1012 1008 1004 1000 996 992 988 984 980 976 972 968 964 960 956 952 948 944 940 936 932 928 924 920 916 912 908 904 900 896 892 888 884 880 876 872 868 864 860 856 852 848 844 840 836 832 828 824 820 816 812 808 804 800 796 792 788 784 780 776 772 768 764 760 756 752 748 744 740 736 732 728 724 720 716 712 708 704 700 696 692 688 684 680 676 672 668 664 660 656 652 648 644 640 636 632 628 624 620 616 612 608 604 600 596 592 588 584 580 576 572 568 564 560 556 552 548 544 540 536 532 528 524 520 516 512 508 504 500 496 492 488 484 480 476 472 468 464 460 456 452 448 444 440 436 432 428 424 420 416 412 408 404 400 396 392 388 384 380 376 372 368 364 360 356 352 348 344 340 336 332 328 324 320 316 312 308 304 300 296 292 288 284 280 276 272 268 264 260 256 252 248 244 240 236 232 228 224 220 216 212 208 204 200 196 192 188 184 180 176 172 168 164 160 156 152 148 144 140 136 132 128 124 120 116 112 108 104 100 996 992 988 984 980 976 972 968 964 960 956 952 948 944 940 936 932 928 924 920 916 912 908 904 900 896 892 888 884 880 876 872 868 864 860 856 852 848 844 840 836 832 828 824 820 816 812 808 804 800 796 792 788 784 780 776 772 768 764 760 756 752 748 744 740 736 732 728 724 720 716 712 708 704 700 696 692 688 684 680 676 672 668 664 660 656 652 648 644 640 636 632 628 624 620 616 612 608 604 600 596 592 588 584 580 576 572 568 564 560 556 552 548 544 540 536 532 528 524 520 516 512 508 504 500 496 492 488 484 480 476 472 468 464 460 456 452 448 444 440 436 432 428 424 420 416 412 408 404 400 396 392 388 384 380 376 372 368 364 360 356 352 348 344 340 336 332 328 324 320 316 312 308 304 300 296 292 288 284 280 276 272 268 264 260 256 252 248 244 240 236 232 228 224 220 216 212 208 204 200 196 192 188 184 180 176 172 168 164 160 156 152 148 144 140 136 132 128 124 120 116 112 108 104 100 996 992 988 984 980 976 972 968 964 960 956 952 948 944 940 936 932 928 924 920 916 912 908 904 900 896 892 888 884 880 876 872 868 864 860 856 852 848 844 840 836 832 828 824 820 816 812 808 804 800 796 792 788 784 780 776 772 768 764 760 756 752 748 744 740 736 732 728 724 720 716 712 708 704 700 696 692 688 684 680 676 672 668 664 660 656 652 648 644 640 636 632 628 624 620 616 612 608 604 600 596 592 588 584 580 576 572 568 564 560 556 552 548 544 540 536 532 528 524 520 516 512 508 504 500 496 492 488 484 480 476 472 468 464 460 456 452 448 444 440 436 432 428 424 420 416 412 408 404 400 396 392 388 384 380 376 372 368 364 360 356 352 348 344 340 336 332 328 324 320 316 312 308 304 300 296 292 288 284 280 276 272 268 264 260 256 252 248 244 240 236 232 228 224 220 216 212 208 204 200 196 192 188 184 180 176 172 168 164 160 156 152 148 144 140 136 132 128 124 120 116 112 108 104 100 996 992 988 984 980 976 972 968 964 960

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

Code FM 11.A OBSERVATIONS at 00h. 11 July 1963												OBSERVATIONS at 06h. 11 July 1963										OBSERVATIONS during NIGHT												CONVERSION TABLE °C to °F
Station	iii	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n E	T _g T _g	WEATHER			
																															21h.—03h.	03h.—09h.		
Kew	775			13						775	72902	56022	11613	756//	11211	87635			775	97131	12	pr												40
London Airport	772	72607	69026	10213	757//	11209	87656			772	72705	69012	11813	755//	11311	82620	87650		772	97121	11	ir											39	
Gatwick	776	72402	59026	10712	757//	11208	87656			776	70000	58022	12112	757//	12209	87656			776	00111	10	+											38	
Thorney Island	871	82807	69026	11514	857//	11208	88650			871	72803	66212	12513	585//	12308	81825	85650	87362	871	97130	13	ir											37	
Hurn	862	72405	66018	11413	756//	12105	87644			862	72701	69032	12313	785//	11208	81717	87640		862	91121	11	pr											36	
Guernsey	894	72612	64026	14013	7563//	12305	81710	87640		894	72510	82808	14512	784//	11303	83815	87640		894	94121	10	+											35	
Wattisham	590	82507	50028	09412	858//	12210	88658			590	22905	48011	11411	15801	09315	81657			590	00101	10	+											34	
Gorleston	497	02806	56106	08612	09900	11206				497	13007	56101	10711	12530	10216	81825			497	00051	08	+											33	
Mildenhall	578	72704	59022	09113	756//	11208	83616	87656		578	12703	32051	11411	15700	09212	81656			578	00091	08	+											32	
Cardington	559	72507	62026	09612	756//	11210	87632			559	12404	56021	11911	10931	10215	81359			559	97081	04	doFo											31	
West Raynham	485	62710	48028	08411	6093//	10207	86359			485	22709	32021	10910	20930	09213	82360			485	0007														

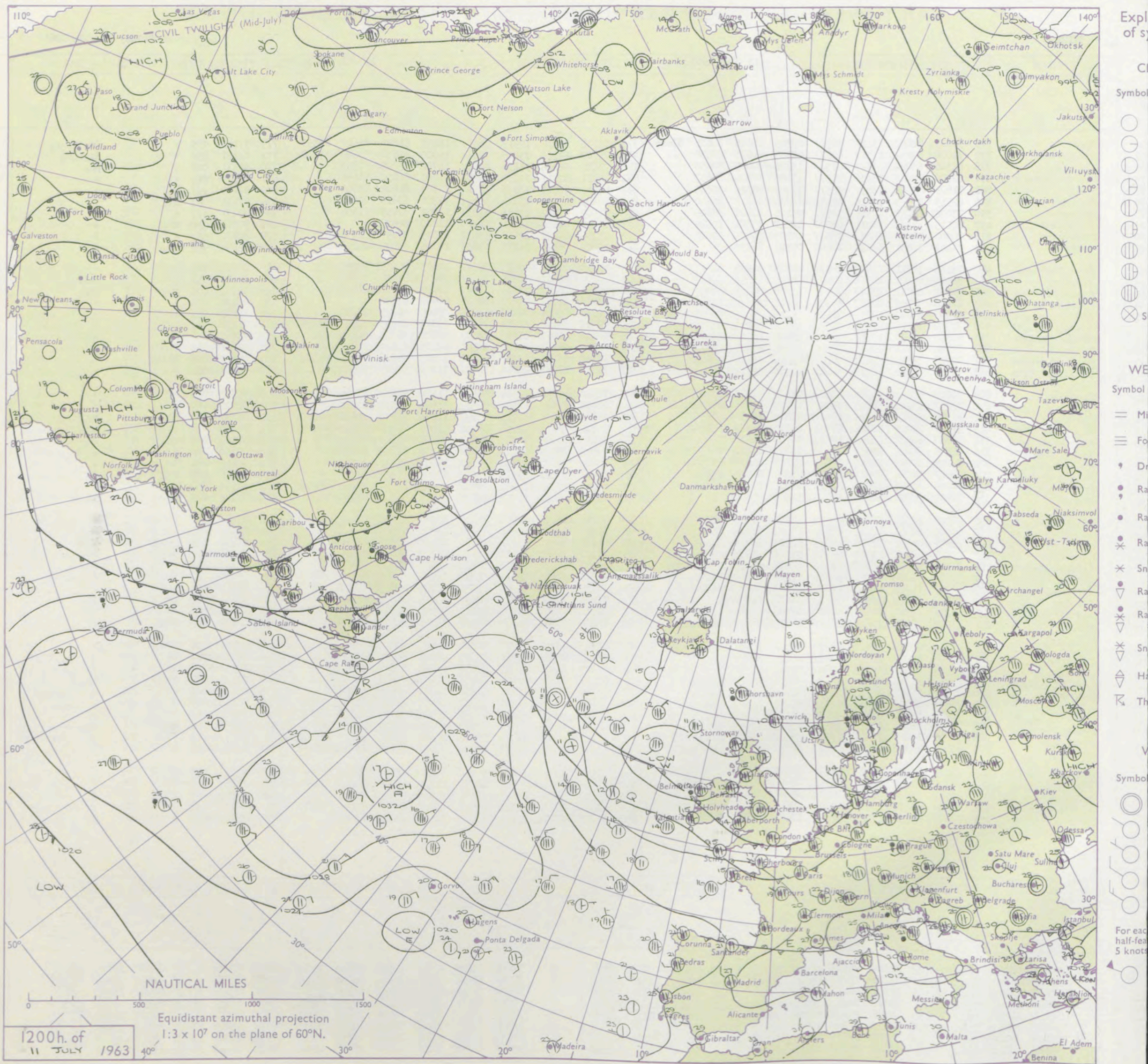
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37122

Date of Issue Friday 12 July 1963

Code FM II.A	OBSERVATIONS at 12h. 11 July 1963										OBSERVATIONS at 18h. 11 July 1963										OBSERVATIONS during DAY				
	Station	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x E	SSS	WEATHER		
																							09h.—15h.	15h.—21h.	
04	Kew	775	72203	82022	13117	785//	09203	84828	84635	87645	775	72104	83616	12915	4857//	11203	81825	83640	85359	775	97191	035	+	ir _o irr _o r _o	
02	London Airport	772	72006	80032	13317	4267//	08305	84835	87458		772	71707	69216	13015	786//	11800	81830	85640	87650	772	01181	036	+	ir _o r _o r _o	
00	Gatwick	776	82306	66022	13517	885//	13206	82825	88656		776	73401	66258	13415	2253//	14702	82825	87359		776	92171	002	+	pr _o	
99	Thorney Island	871	82206	78026	13916	885//	13206	82824	88657		871	42411	82011	13716	48601	11000	81830	84656		871	00170	015	+	+	
97	Hurn	862	71809	80258	13217	785//	12001	84825	86645		862	42111	80011	13616	38541	12303	81828	83656		862	97180	///	pr _o	+	
95	Guernsey	894	62513	82018	15916	6843//	12204	81818	86640		894	62109	82011	15114	5844//	12706	83818	85650		894	97171	062	pr _o	+	
93	Wattisham	590	73002	64031	12816	785//	09106	82828	87645		590	71509	61022	13116	2163//	12802	82835	87358		590	00171	///	+	+	
91	Gorleston	497	60115	62028	13015	68500	12210	83824	85629		497	61409	64012	14214	65500	11000	86628		497	97161	060	pr _o	+		
90	Mildenhall	578	70000	74031	13017	785//	10105	84825	87645		578	71705	69022	12418	3583//	11605	83657	86358		578	00180	062	+	+	
88	Cardington	559	71402	70031	13017	78600	09302	86830			559	72009	71028	12118	6863//	11705	83830	86656		559	97191	058	pr _o	ir _o	
86	West Raynham	485	73105	74011	12815	785//	09109	85828	84645		485	71410	74022	12515	756//	11603	81635	87656		485	00171	084	+	+	
84	Wittering	462	70000	69021	12916	785//	09104	84820	86656		462	71805	66032	12117	786//	10605	83830	87650		462	96181	052	+	ir _o ir _o	
82	Boscombe Down	746	72002	80012	13117	785//	13206	84823	87657		746	70000	80258	13315	785//	13602	81820	87650		746	94171	005	pr _o	pr _o	
81																									

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

anation
ymbols

LOUD
Cloud
Amount
(oktas)

0
1 or less
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4
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7 or more
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ATHER
Weather

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shower

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il shower

understorm

WIND

Wind
speed
(knots)

Calm

1-2

3-7

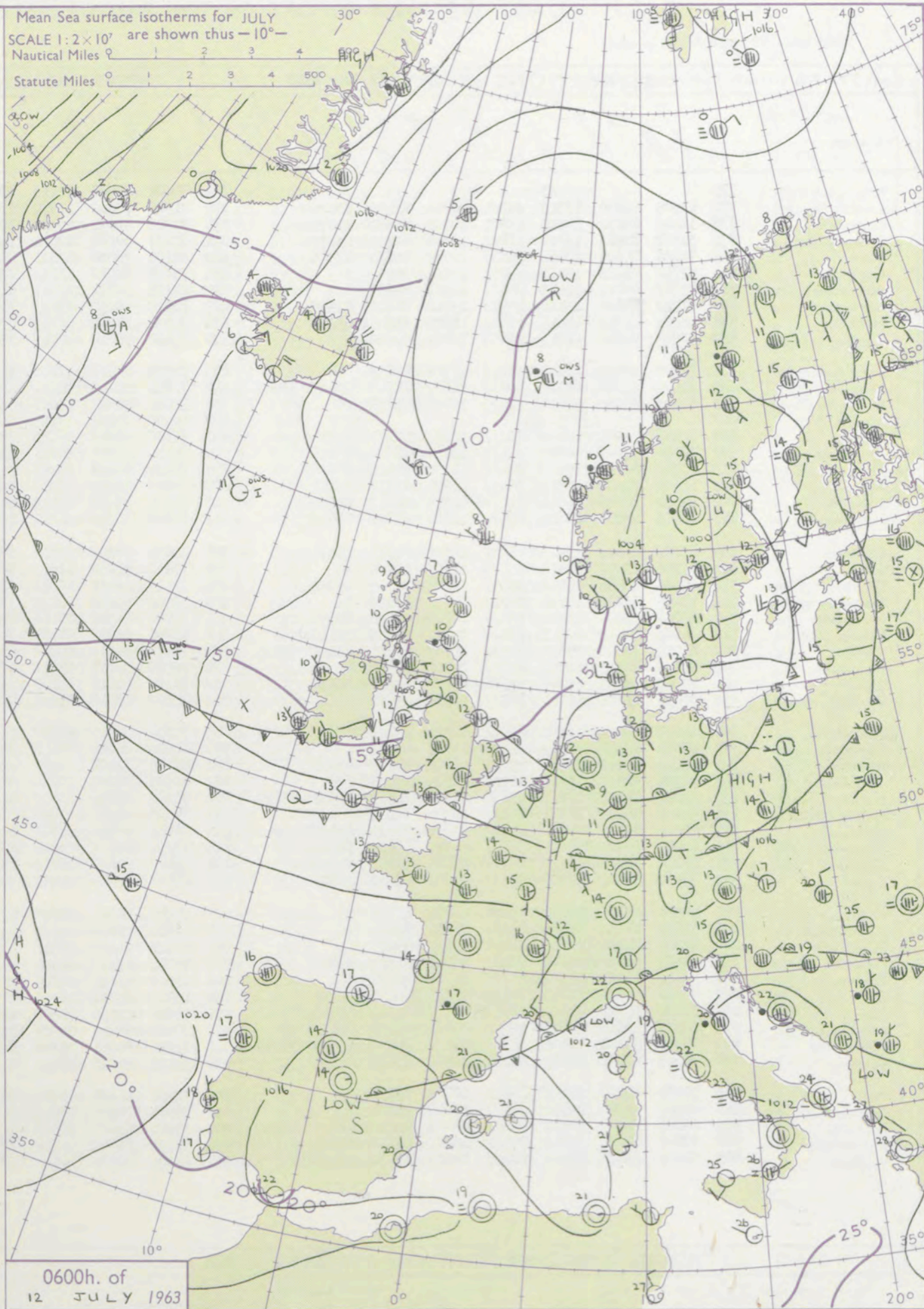
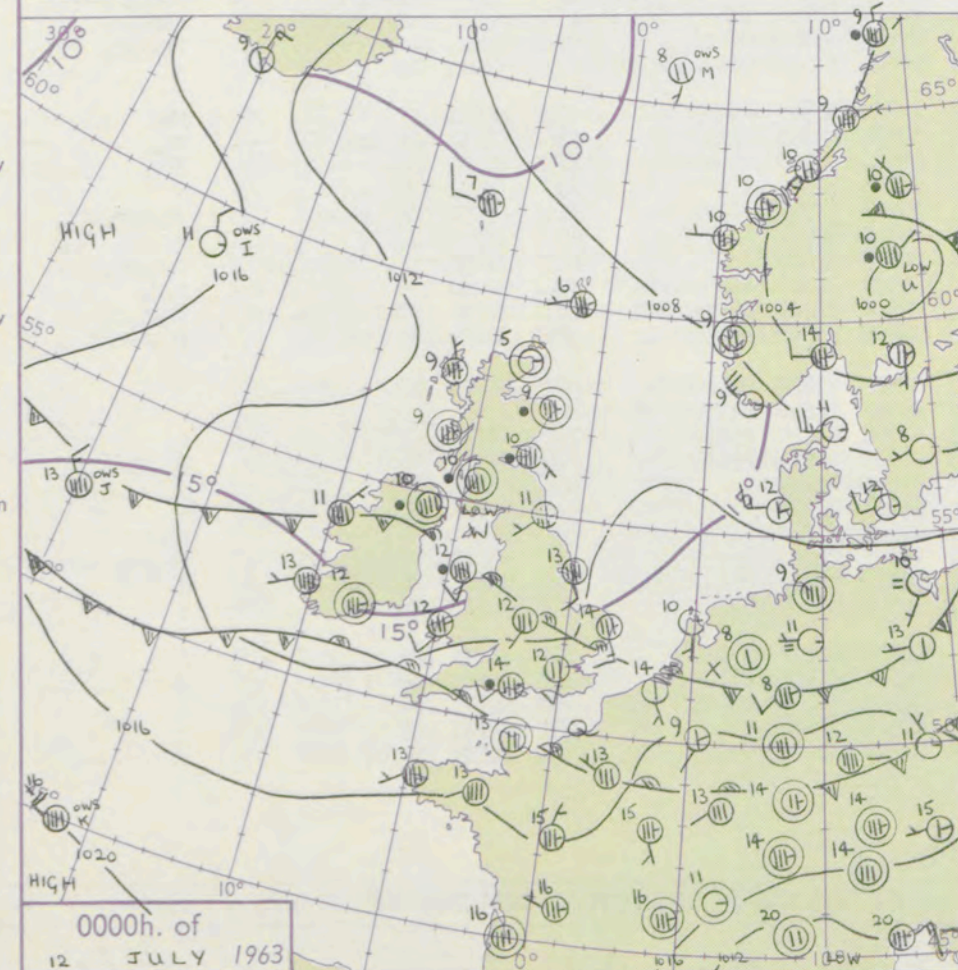
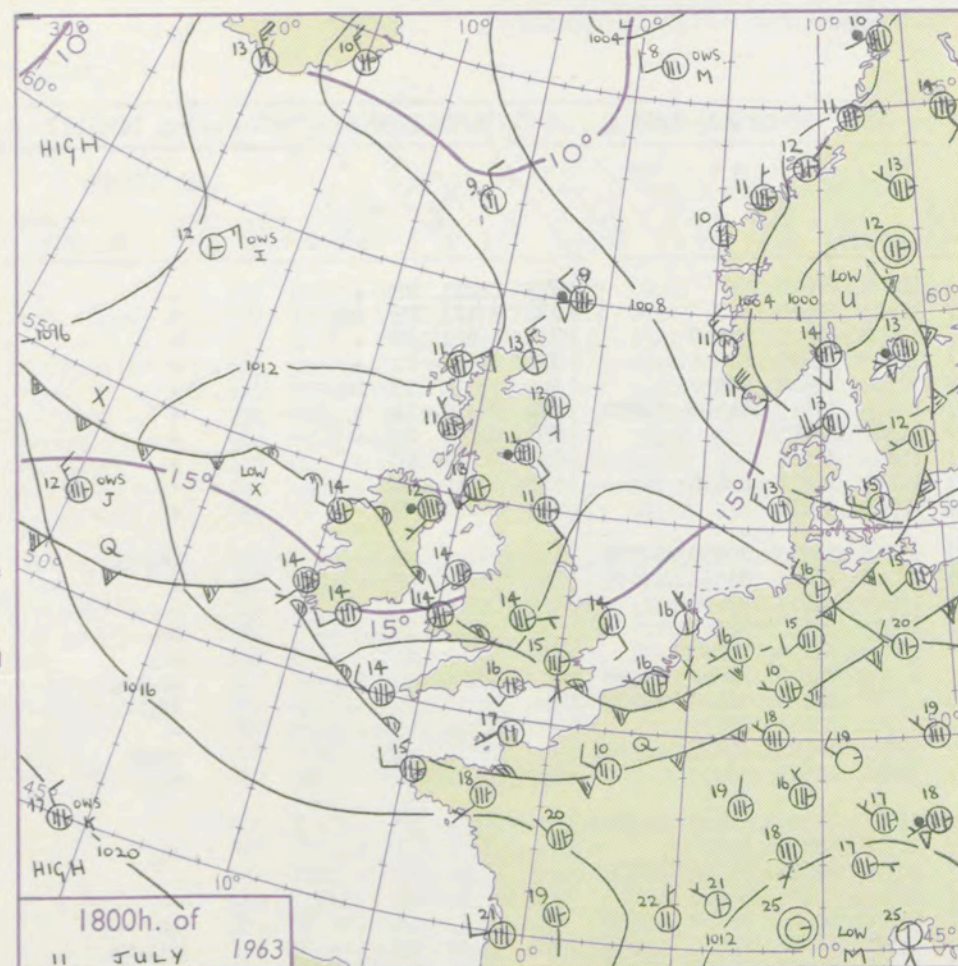
8-12

13-17

h additional

ther add

48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 12 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

A depression over the Norwegian Sea filled slowly and another depression moved slowly northwards over Scandinavia. A shallow low to the west of Scotland moved east-southeast and will deepen a little as it continues across the British Isles and the North Sea towards Denmark.

Cloudy over England and Wales and south Scotland at first today with rain in places which may be heavy with some thunder. More showery weather with variable cloud will extend steadily south-eastwards to reach all parts by tomorrow morning. It will be rather cool.

OUTLOOK for following 24 hours

Sunny periods and showers in most parts but more general rain may reach some western districts later.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

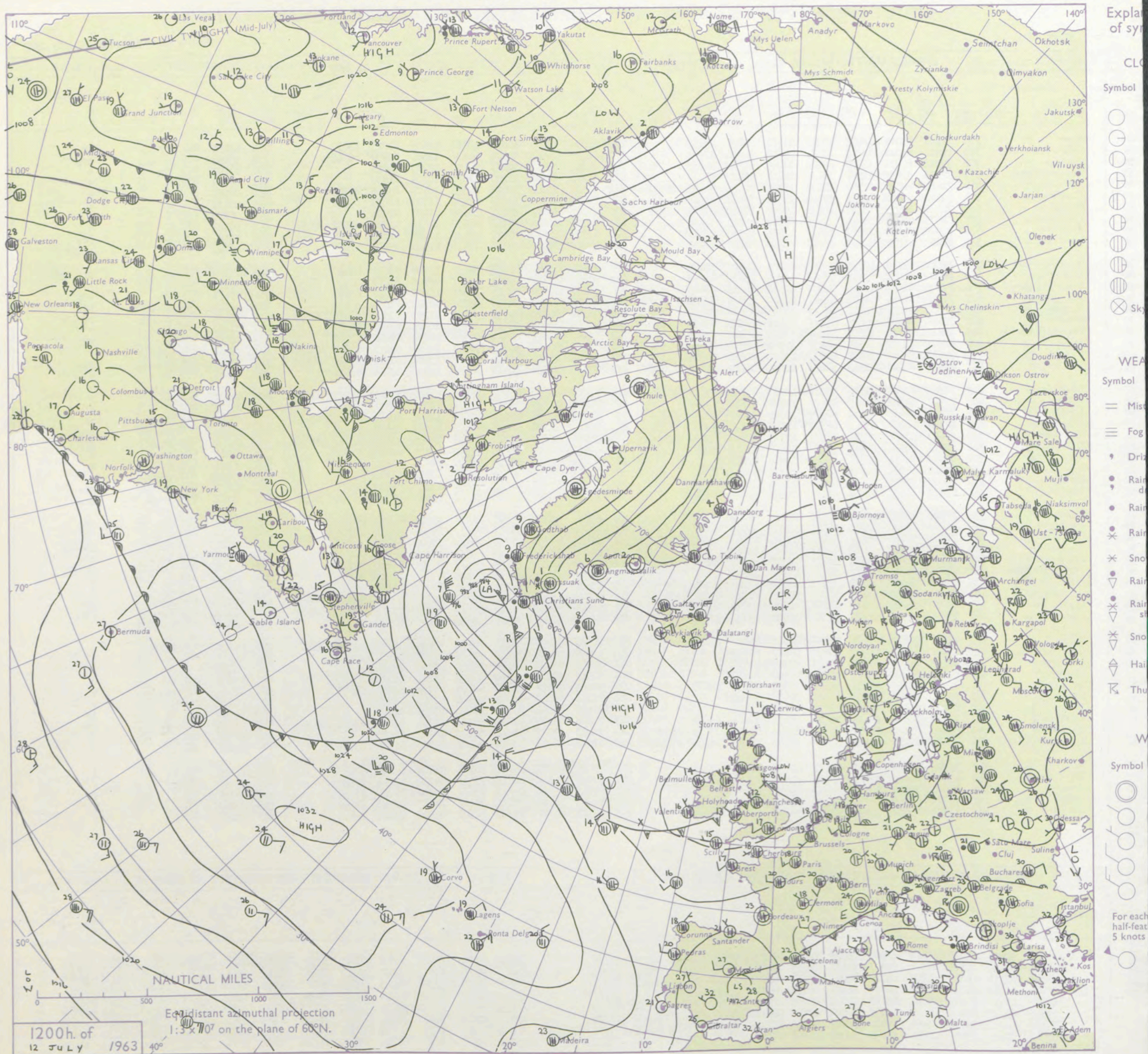
No. 37123

Date of Issue Saturday 13 July 1963

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Code FM II.A		OBSERVATIONS at 12h. 12 July 1963										OBSERVATIONS at 18h. 12 July 1963										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwW	PPPTT	N _h Ch _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT T x E	SSS	WEATHER			
																								09h.—15h.	15h.—21h.	
104	Kew	775	72508	83022	11017	785/1	07704	84828	87650		775	62601	83258	10015	43573	12605	82925	83830		775	93191	029	jp	pr		
102	London Airport	772	72511	83012	10817	786/1	09704	84830	87650		772	72403	74258	10014	6863/	12606	83830	86645		772	93191	021	+	pro		
100	Gatwick	776	72312	82028	11517	685/2	11804	84820	86648		776	72310	83011	10417	28500	10705	81825			776	97190	063	pro	+		
99	Thorney Island	871	72013	82032	11917	38532	11801	83822	87070		871	12311	82021	11116	11630	10706	81830			871	00180	089	+	+		
97	Hurn	862	72212	82022	11917	28531	11702	82825	83362	86072	862	52112	80012	10816	32539	10707	83825	83362		862	00180	///	+	+		
95	Guernsey	894	52412	81022	13316	32432	12703	83810	84360		894	72108	82011	11815	68432	11709	81817	87642		894	00171	132	+	+		
93	Wattisham	590	72410	82032	10417	48632	10803	82830	87645	86358	590	32213	64011	09417	38600	11607	82835			590	00170	///	+	+		
91	Gorleston	497	72605	64032	10618	52571	08608	85822	87460		497	62306	62012	09718	48530	11810	82822	83632	85360	497	00191	038	+	+		
90	Mildenhall	578	72509	74022	10217	786/1	11801	82830	87656		578	62307	69018	09018	2863/	12708	81840	85358		578	97180	024	+	pro		
88	Cardington	559	72210	74022	10217	786/1	09803	85830	87656		559	72110	59808	09416	736/1	11605	85930	87656		559	01191	025	+	propr		
86	West Raynham	485	72112	82022	10015	785/1	09201	84825	87650		485	72406	82022	09015	5863/	11708	82830	84650	87360	485	05172	015	+	proprpr		
84	Wittering	462	72408	80032	09715	785/1	10805	85822	87650		462	82905	48818	09014	834/1	12705	81713	86920	87657	462	96171	014	+	pr		
82	Boscombe Down	746	72505	82032	11815	785/1	10																			

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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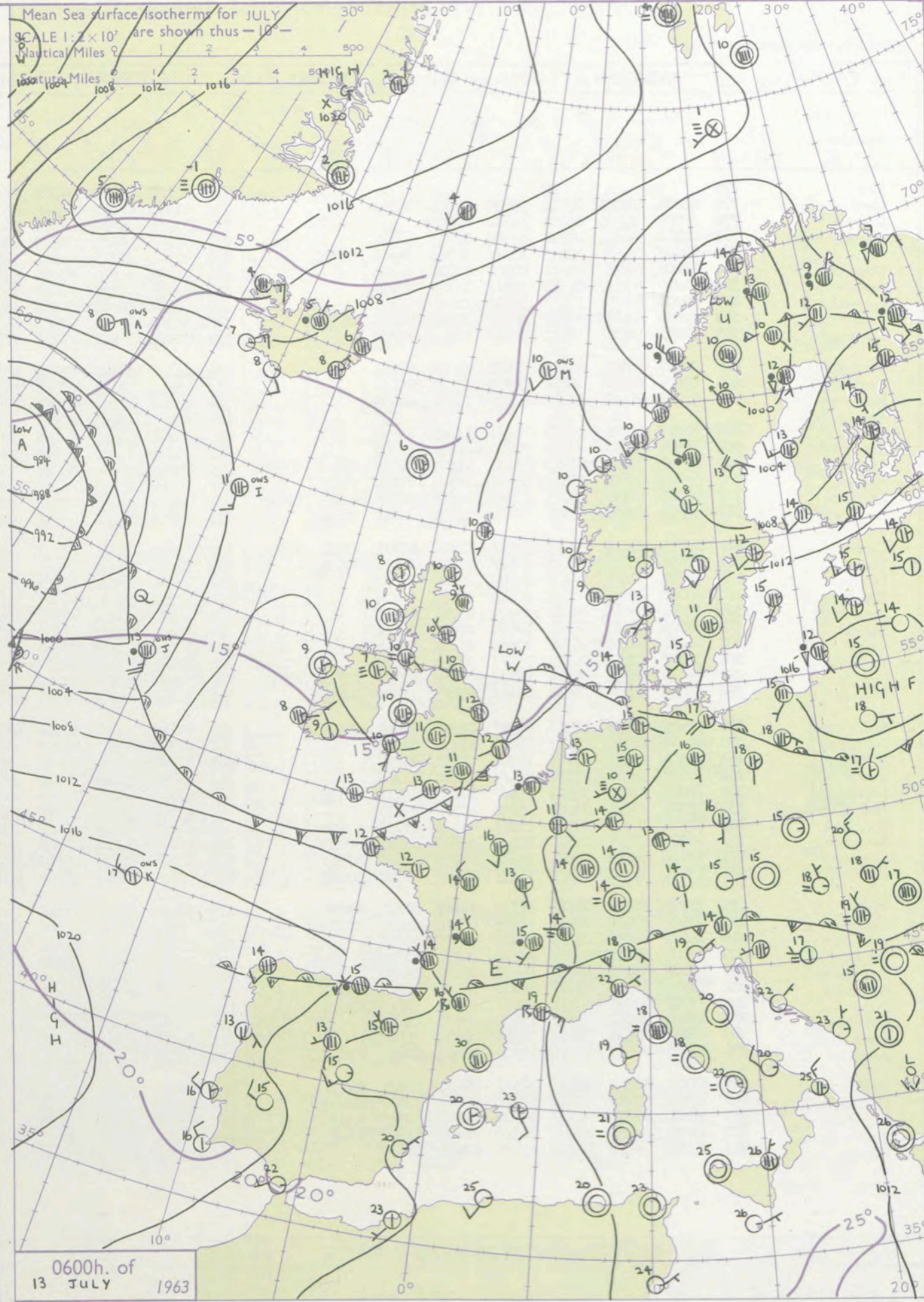
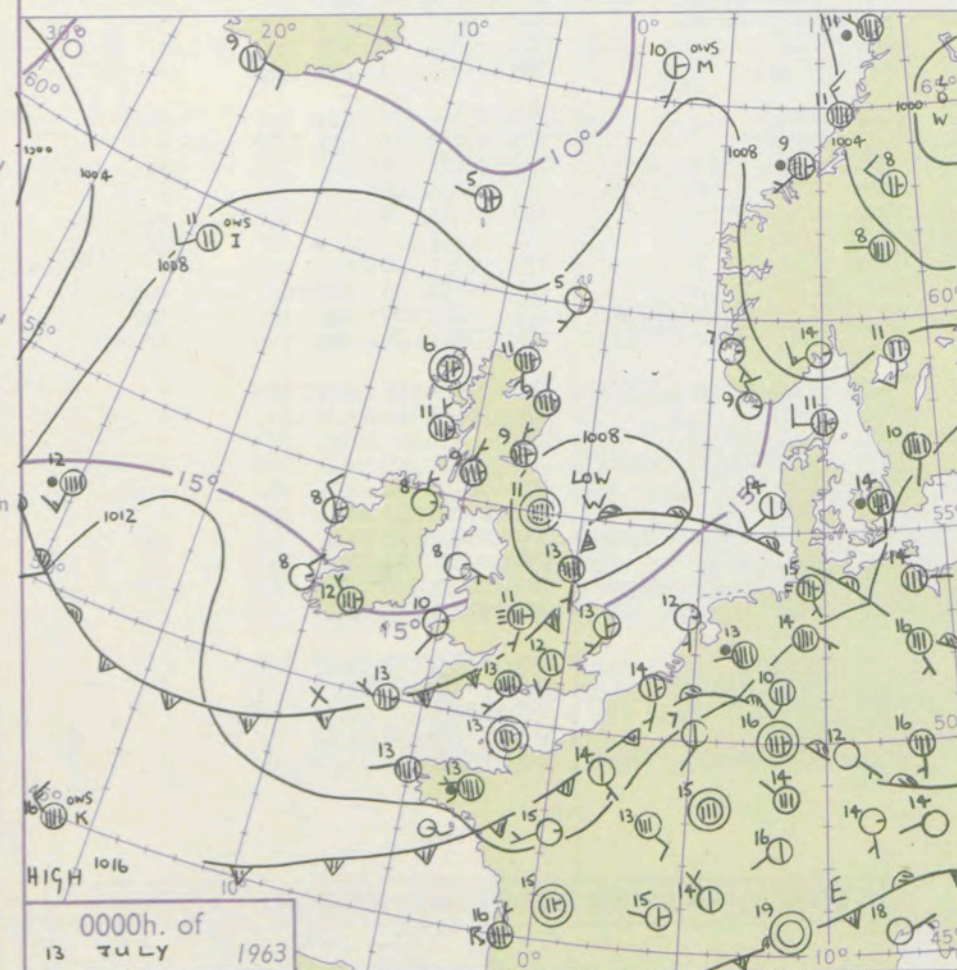
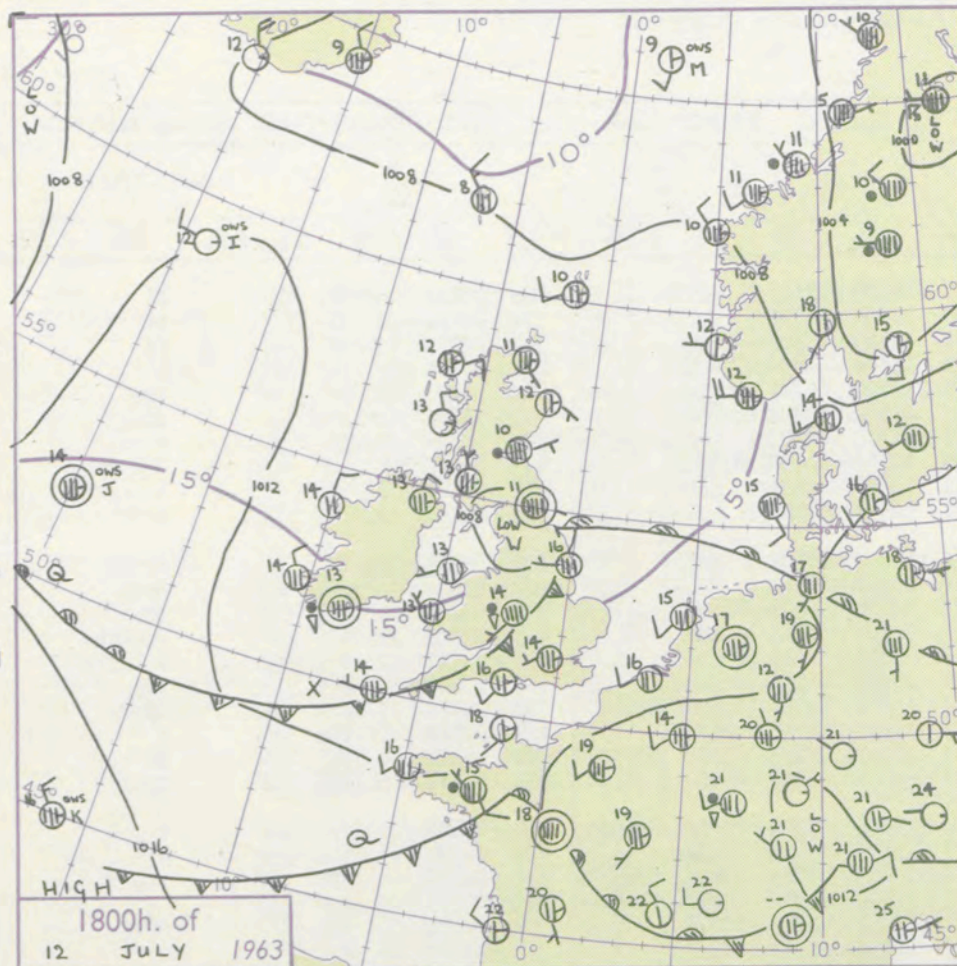
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GENERAL SYNOPTIC DEVELOPMENT

A depression over the British Isles moved slowly eastwards to the North Sea with weak troughs of low pressure moving southwards over England and Wales. The depression will turn northeast towards Norway. Another and very vigorous depression over the Atlantic will move eastwards and associated troughs of low pressure will move over western districts of Britain.

Issued at midday Saturday 13 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Rather cool and showery today though with sunny intervals in most places. Becoming cloudy in the west later with rain tonight spreading to central districts of Britain tomorrow morning.

OUTLOOK for following 24 hours
Rain at times in most districts.

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

Code FM II.A		OBSERVATIONS at 00h. 13 July 1963										OBSERVATIONS at 06h. 13 July 1963										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			12						775	92102	06474	08312	91211	11505	89103			775	00101	05	if		ff							40	
London Airport	772	42008	74011	09712	35630	10601	83645			772	81906	07462	08211	86111	10704	88702			772	00111	06	+		ff							39	
Gatwick	776	00000	74020	10010	00900	09802				776	72604	37284	08611	76011	11705	83701	87703		776	00071	03	if		ff							38	
Thorney Island	871	02102	74010	10112	00900	12708				871	62204	66021	08513	58631	13704	82830	85656		871	00090	07	+		+							37	
Hurn	862	82105	66031	10313	86311	12705	86706	88710		862	72301	56012	09013	78411	13504	84717	87640		862	91120	08	+		ir _o							36	
Guernsey	894	22406	81021	10712	00902	12807	82075			894	72607	60606	09913	55731	12302	83701	85650		894	91121	09	+		ir _o							35	
Wattisham	590	71910	63021	09313	75711	11806	87656			590	82208	28101	08011	86211	11708	88703		590	00090	05	+		+								34	
Gorleston	497	32206	62011	10013	30931	11400	83360			497	62402	58051	08612	45571	10605	84629	83360		497	00110	08	+		+							33	
Mildenhall	578	62005	62012	08714	35731	11805	83656	86359		578	62302	48051	07912	65711	11500	86656		578	00110	08	+		+								32	
Cardington	559	72106	58218	08713	70931	11708	87358			559	72105	59022	07812	75711	12501	87650		559	01111	09	ir _o		+								31	
West Raynham	485	72007	59038	08612	75811	11806	87657			485	82307	32032	07612	86111	12503	88702		485	00111	10	+		+								30	
Wittering	462	8240																														

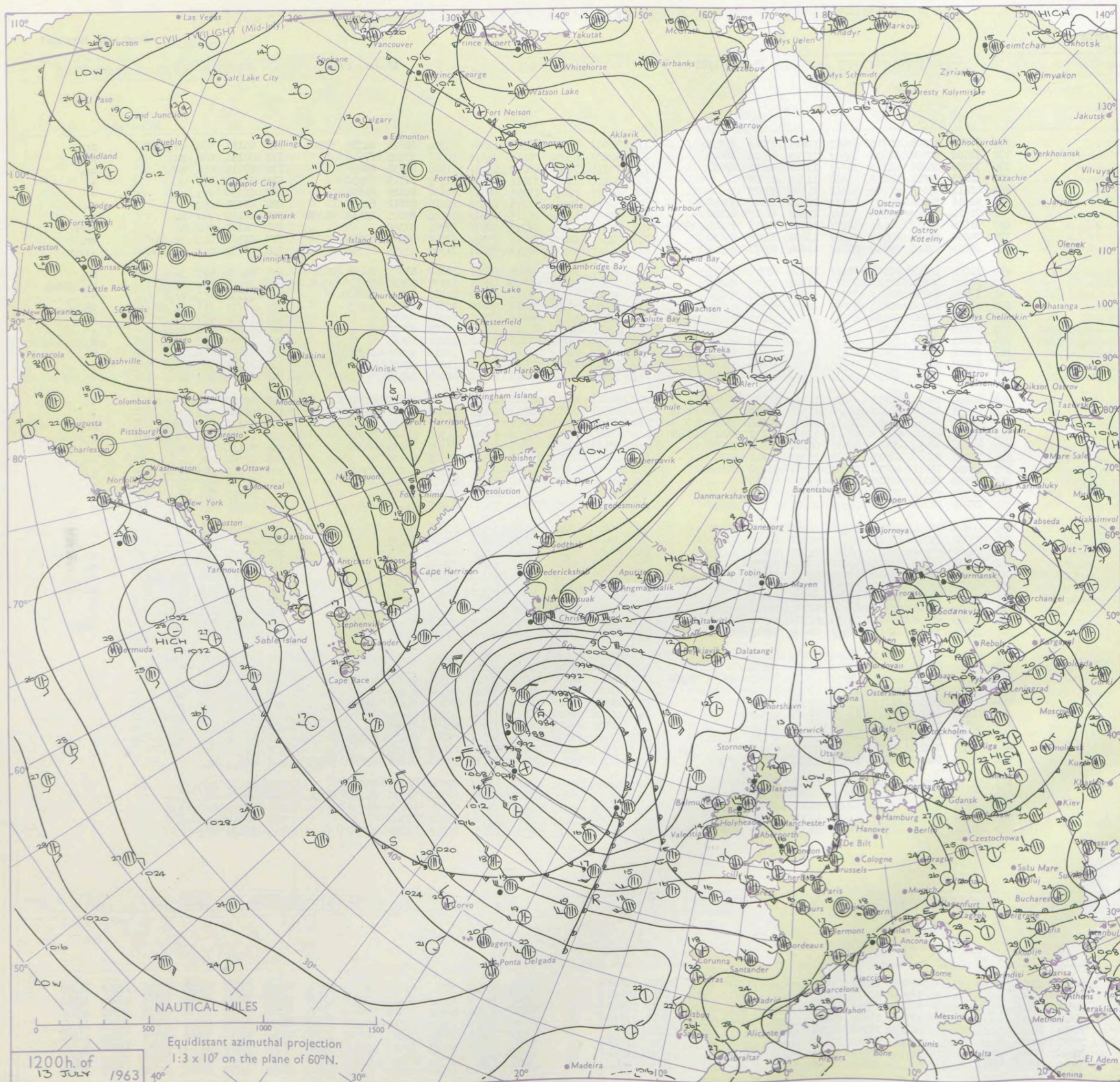
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37124

Date of Issue Sunday 14 July 1963

Code FM II.A		OBSERVATIONS at 12h. 13 July 1963										OBSERVATIONS at 18h. 13 July 1963										OBSERVATIONS during DAY													
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _s 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 _s 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 _s 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 _s x E	SSS	WEATHER			
																																09h.—15h.	15h.—21h.		
Kew	775	70000	78808	07915	63563	12603	83822	85932		775	72607	83028	08517	43561	09304	81825	84359	81926	775	05191	034	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr
London Airport	772	72102	60808	07716	53531	11703	85925	86645		772	72409	83032	08417	78511	10303	83825	87645		772	03191	042	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	
Gatwick	776	72207	66258	08116	78511	12701	82825	87657		776	72311	74258	09217	68631	11308	83830	85656		776	97211	054	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	
Thorney Island	871	42413	82011	08818	48500	11303	83828			871	62414	82021	10216	68501	11209	81715	85650		871	00190	075	+	+	+	+	+	+	+	+	+	+	+	+		
Hurn	862	42412	83016	08919	38562	11302	83825			862	62213	83011	10016	68511	10106	81825	86656		862	00190	111	+	+	+	+	+	+	+	+	+	+	+	+		
Guernsey	894	52616	83016	11417	48432	12210	83815	83650		894	52614	82032	13215	48432	12208	81812	83650		894	00171	097	+	+	+	+	+	+	+	+	+	+	+	+		
Wattisham	590	72510	37811	07515	72411	12502	82715	87820		590	72003	61028	08515	58561	12104	81825	85635	86359	590	06182	111	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	pr	
Gorleston	497	71506	60032	08415	58471	13701	82818	85624	87360	497	71806	70036	08715	70971	13805	87360			497	01181	061	+	+	+	+	+	+	+	+	+	+	+	+		
Mildenhall	578	70000	69258	07515	73511	13400	83925	85650		578	71903	66038	08216	73511	12302	829																			

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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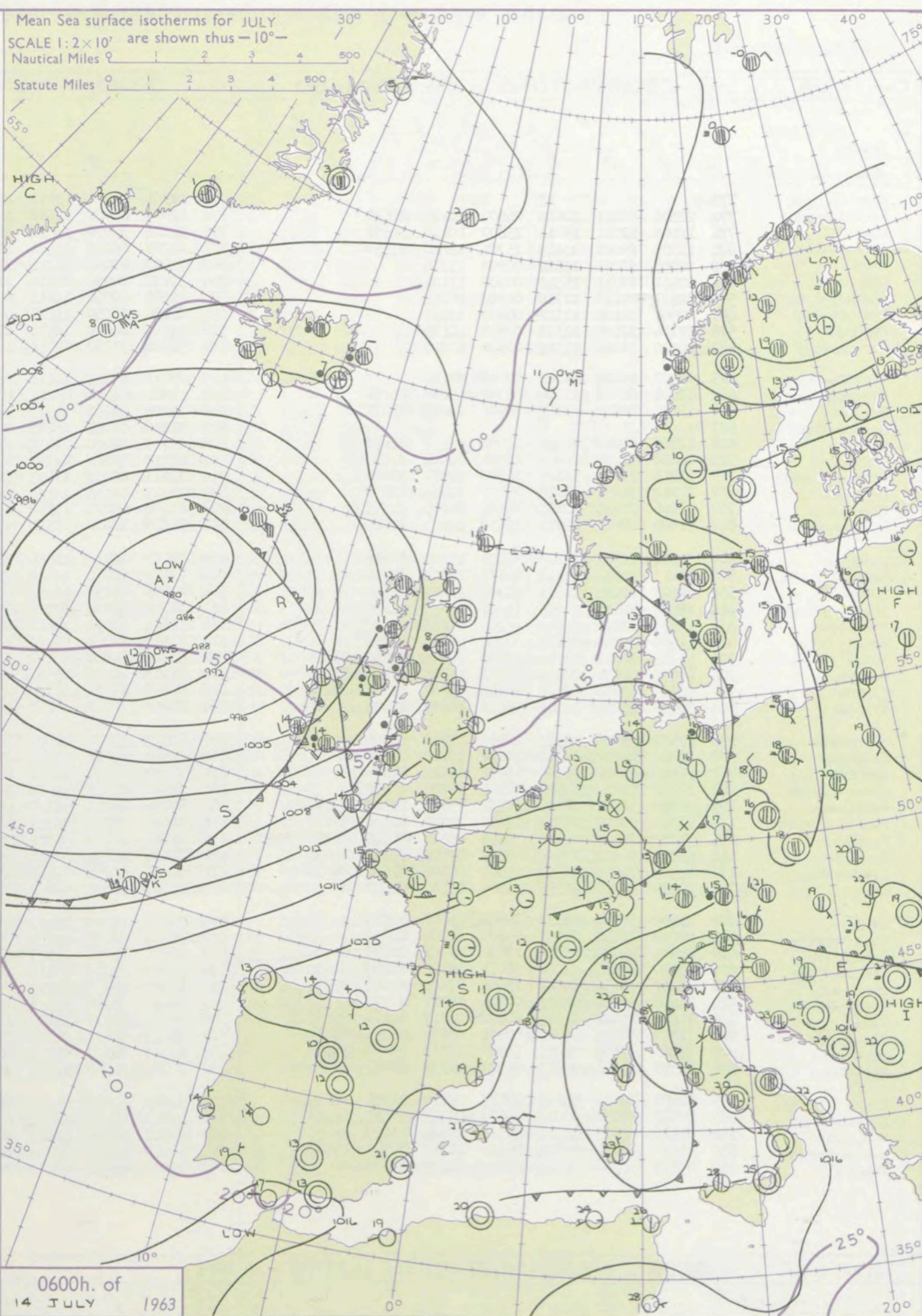
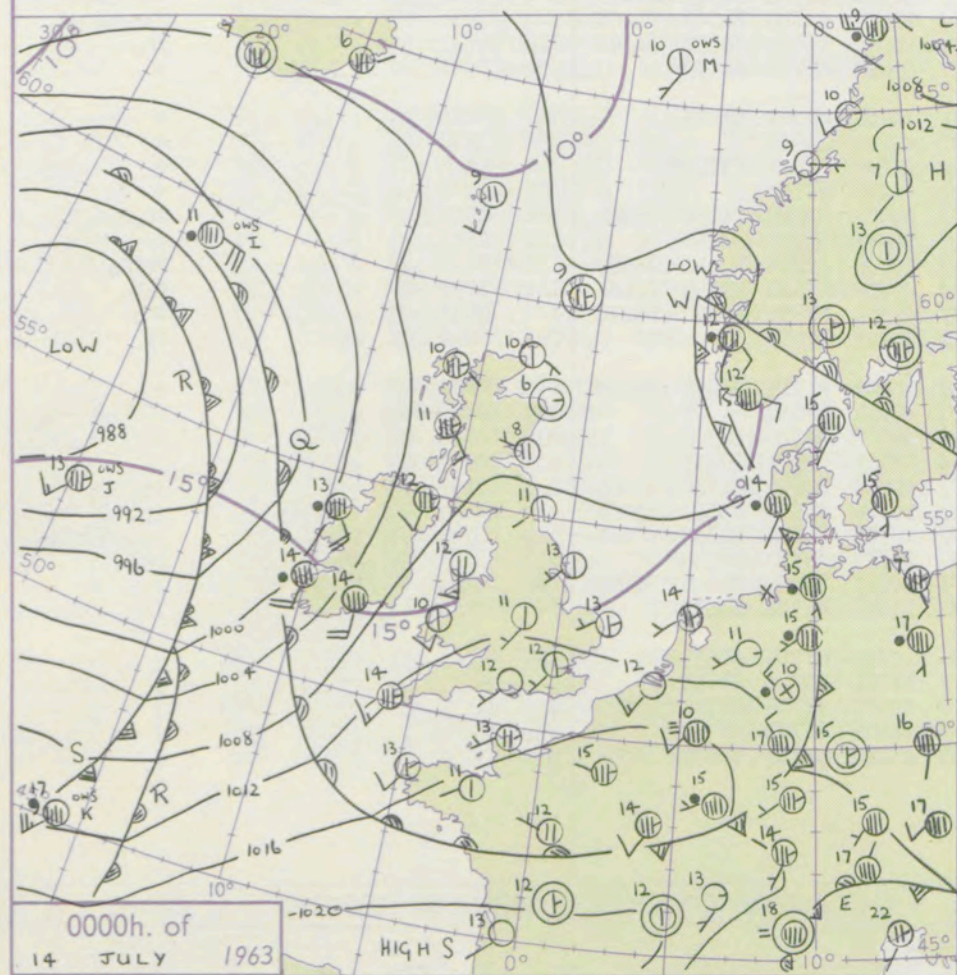
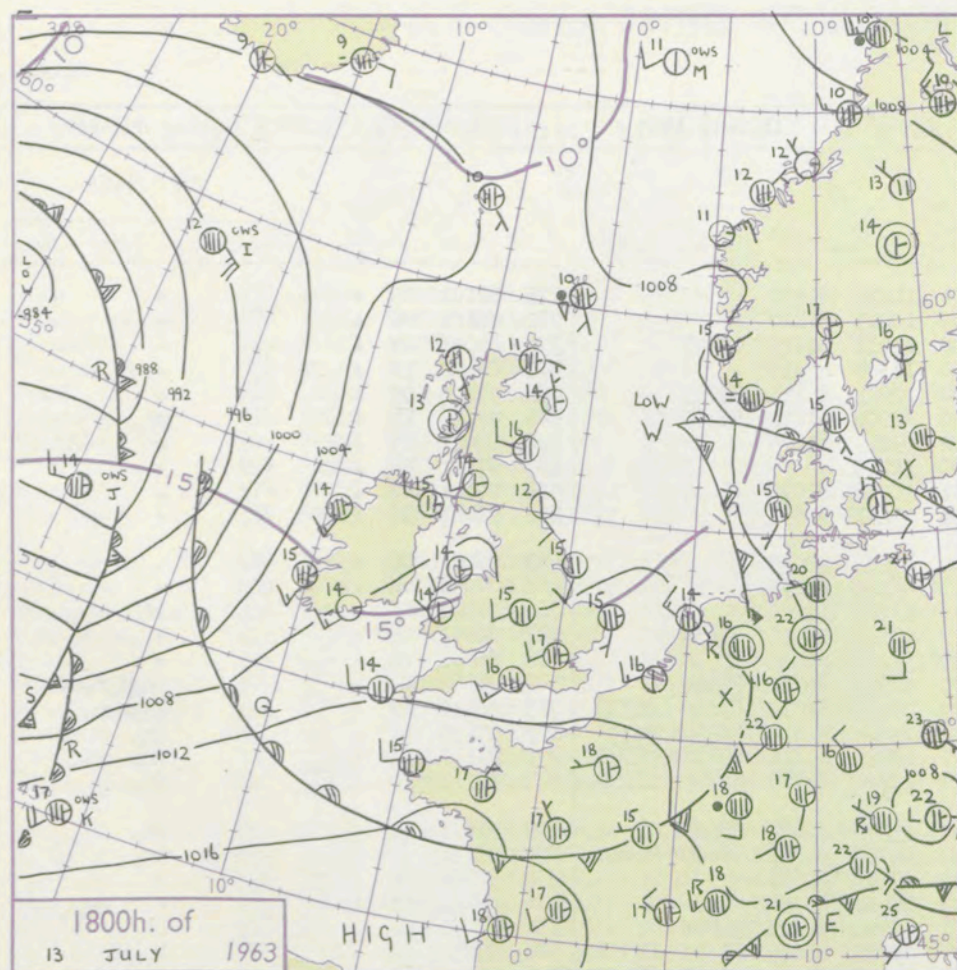
w shower
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WIND
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Calm
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48-52



Mean Sea surface isotherms for JULY
SCALE 1:2x10⁷ are shown thus -10°-
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

Issued at midday Sunday 14 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

A shallow depression moved slowly northeast across the North Sea leaving the British Isles in a weak westerly unstable airstream. A vigorous depression moved east across the Atlantic and the associated fronts moved across Ireland with some ridge development over France and England. The Atlantic depression is expected to move east northeast and a trough of low pressure will follow the fronts across the British Isles.

All parts of the British Isles will be mostly cloudy with periods of rain followed by brighter weather and showers, though amounts of rain in the southeast will probably be small. Continuing rather cool in most areas.

OUTLOOK for the following 24 hours
Showers and sunny intervals and near average temperatures in most areas.

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

Code FM 11.A OBSERVATIONS at 00h. 14 July 1963										OBSERVATIONS at 06h. 14 July 1963										OBSERVATIONS during NIGHT										CONVE TAB °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 T _n E	T _g T _g	WEATHER		21h.—03h.	03h.—09h.					
Kew	775			13						775	11901	74020	14913	18601	11211	81830			775	00101	05	+					40			
London Airport	772	22206	62011	12612	24600	10115	82640			772	12007	66020	15012	12540	10213	81820			772	00101	06	+					39			
Gatwick	776	12105	63021	13011	15800	10114	81657			776	32004	58030	15311	35500	11011	81715	83625		776	00081	03	+					38			
Thorney Island	871	12505	69021	13413	15701	12210	81650			871	12207	69020	15514	18430	11308	81818			871	00120	10	+					36			
Hurn	862	02205	62021	13512	00900	11214			862	72007	62031	14214	78400	12001	85815	83645			862	97100	05	+					37			
Guernsey	894	02411	82011	15313	00900	11104			894	32112	82258	16113	11430	12205	81810	83360			894	97120	11	+					35			
Wattisham	590	02507	19118	11710	00900	10214			590	12303	60050	14810	00902	09219	81075			590	00081	03	+					34				
Gorleston	497	02501	58101	11512	00900	10217			497	02406	58050	14211	00900	10215				497	97101	08	+					33				
Mildenhall	578	02104	37108	11311	00900	10112			578	12205	66020	14211	00901	10218	81070			578	00101	07	+					32				
Cardington	559	02310	58018	11311	00900	10210			559	31906	73030	13911	15731	10211	81650			559	97081	06	+					31				
West Raynham	485	02307	59018	11009	00900	09114			485	22011	48020	14111	00902	09221	82075			485	00081	06	+					30				
Wittering	462	12504	66016	11210	15700	09210	81656		462	12206	66020	13410	00901	09114	81073			462	00071	02	+					29				
Boscombe Down	746	12404	80021	13809	00901	08217	81072		746	72209	4828																			

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37125

Date of Issue Monday 15 July 1963

Code FM II.A	OBSERVATIONS at 12h. 14 July 1963										OBSERVATIONS at 18h. 14 July 1963										OBSERVATIONS during DAY																																																																																																																	
	Station	iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	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	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	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	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	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s

CHARTS OF WEATHER IN WEST EUROPE

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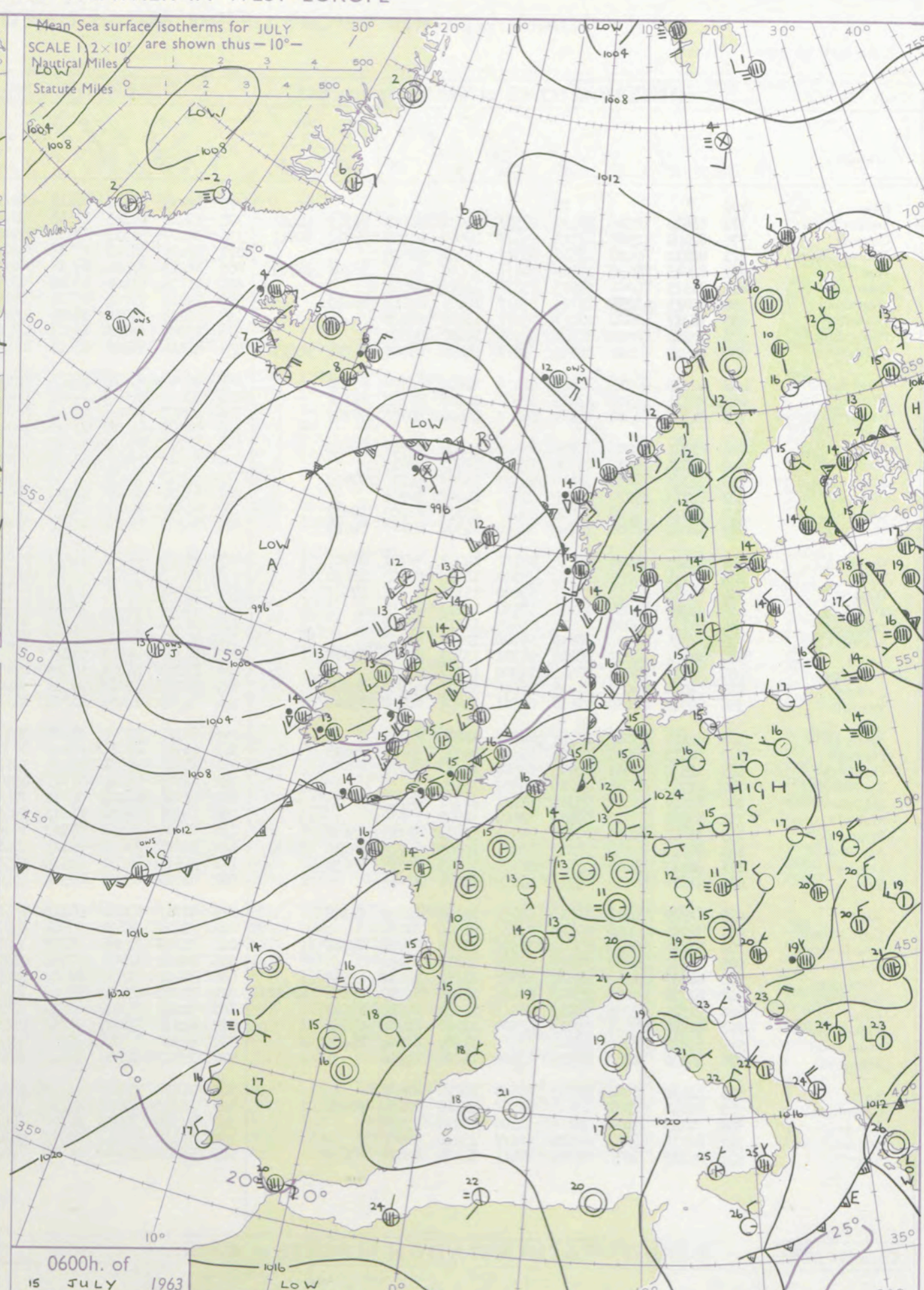
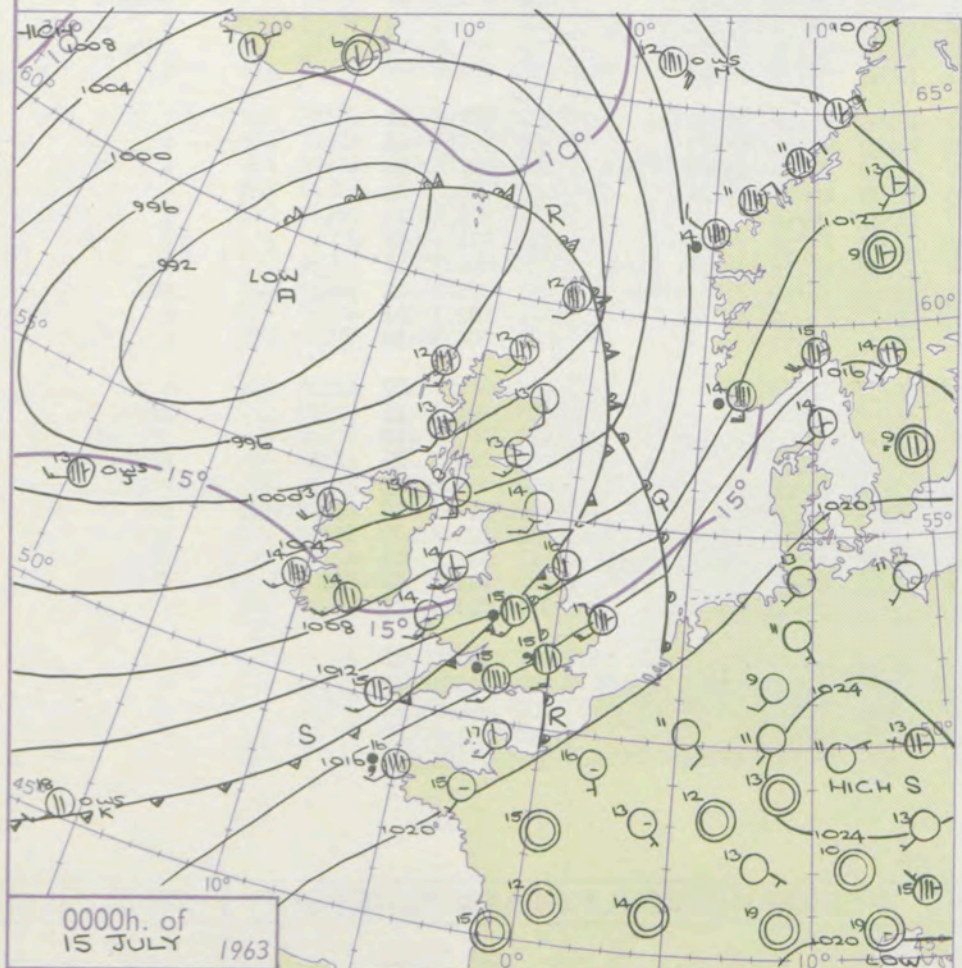
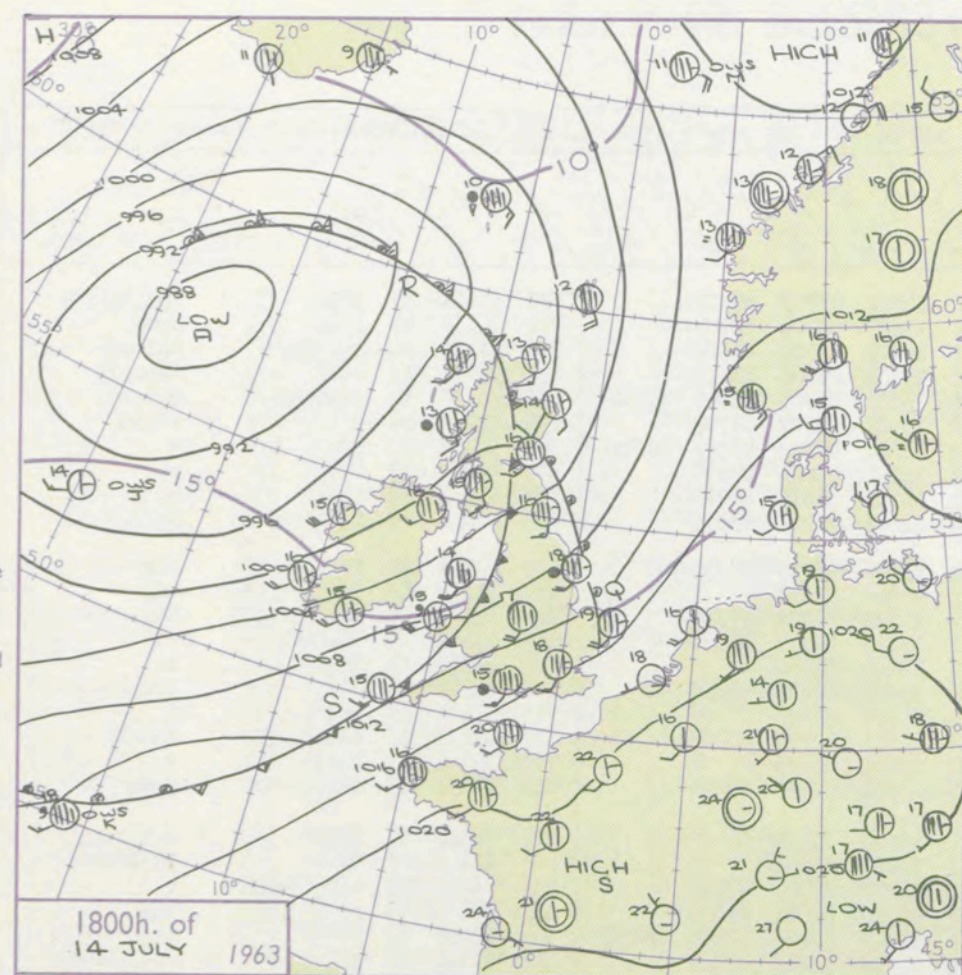
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 15 July 1963

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

A deep depression west of Scotland moved slowly northeast and warm and cold fronts moved east across the British Isles. The depression is expected to continue its slow north-eastward progress and a wave on the cold front is likely to affect southern England. A trough is likely to swing eastwards across the British Isles and a small ridge is expected to develop further west.

It will be dull with intermittent drizzle in southern England today probably becoming drier tomorrow. Remaining areas will have a good deal of cloud, but also some bright intervals. Showers are likely in most parts and in the north some will be heavy. Temperatures will be near average.

OUTLOOK for following 24 hours

Sunny intervals and scattered showers in all areas. Average temperatures.

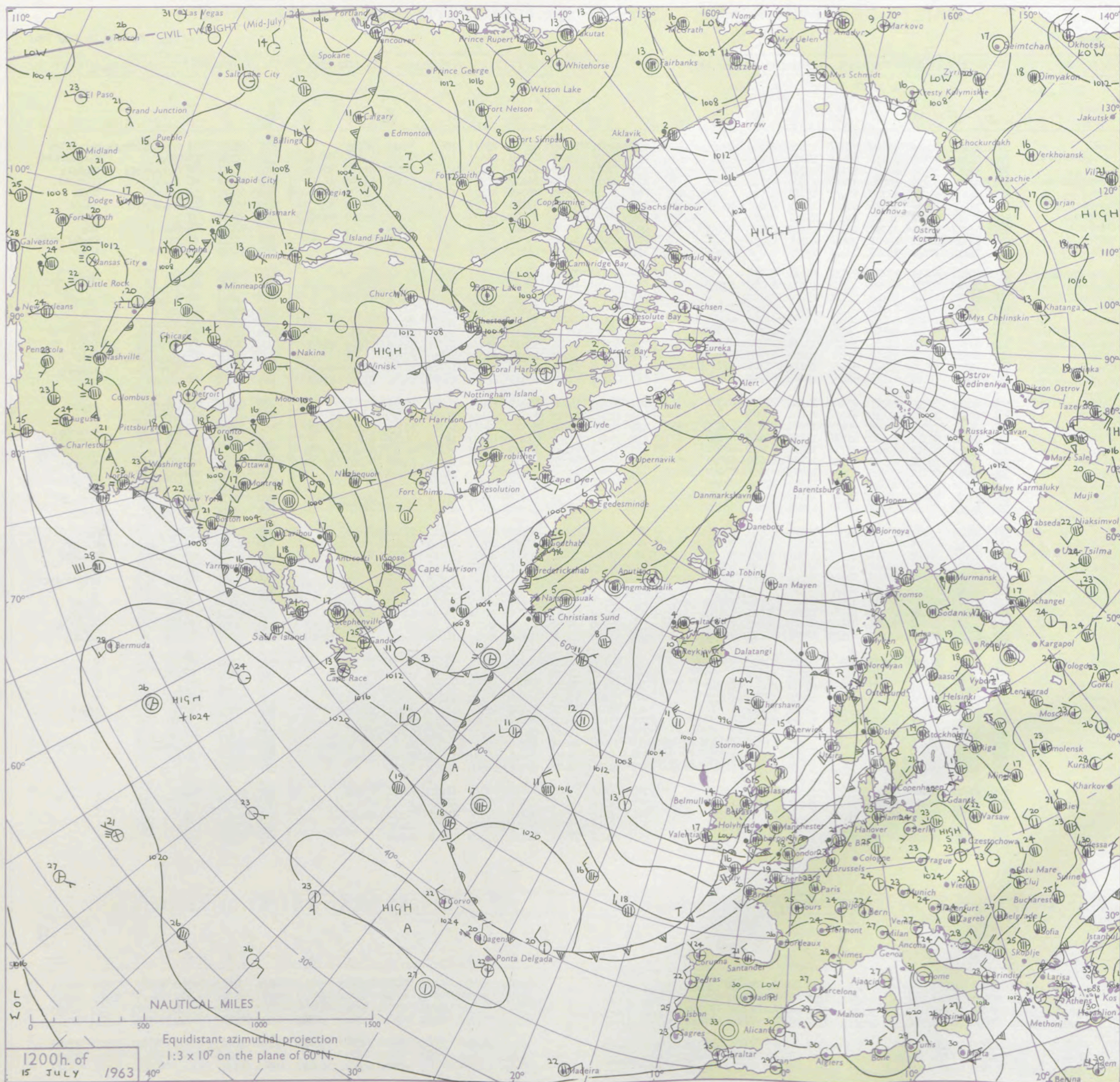
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37126

Date of Issue Tuesday 16 July 1963

Code FM 11.A		OBSERVATIONS at 12h. 15 July 1963										OBSERVATIONS at 18h. 15 July 1963										OBSERVATIONS during DAY																																																																																																																
Station	i	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	i	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	i	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	i	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	i	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	i	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	i	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	i	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	i	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	i	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	i	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	i	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	i	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	i	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	i	Nddff	VVwwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _{s</}

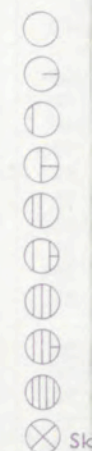
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Expla
of sy

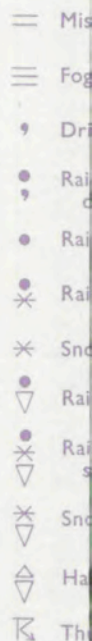
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Symbol

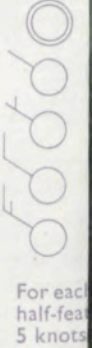


WEA

Symbol



Symbol



For each
half-foot
5 knots

OUTLOOK for the following 24 hours. Rather cloudy. Occasional rain or showers in most areas.

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

Code FM 11.A OBSERVATIONS at 00h. 16 July 1963										OBSERVATIONS at 06h. 16 July 1963										OBSERVATIONS during NIGHT					CONVE TAB °C to
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER		°C to	
																						21h.—03h.	03h.—09h.		
Kew	775			15						775	72304	80022	16415	11572	12311	81822	83365	87073	775	97151	12	ir _o	+	40	
London Airport	772	81911	61206	15416	87311	14705	85708	88711		772	72207	74036	16414	35771	11214	83656	87459		772	97131	11	dr _o	+	39	
Gatwick	776	82210	56516	16515	87211	15705	82704	87705	88707	776	72306	59035	17114	16476	14311	81710	83465	87072	776	97131	12	drdd	+	38	
Thorney Island	871	82211	66026	16915	86211	14502	83704	86706	88708	871	62701	61025	17813	12432	13213	81710	83368	85075	871	97131	12	dr _o dr _o dr _o	+	37	
Hurn	862	82213	40516	16015	87211	15201	86705	88708		862	72505	56035	17213	76311	12208	84706	87710		862	91111	08	dr _o dr _o dr _o	+	36	
Guernsey	894	62616	56015	18714	66011	14104	86701			894	42610	56031	19513	36002	13206	83701	83075		894	97221	11	dr _o	+	35	
Wattisham	590	82109	60036	15115	85411	15090	83611	88614		590	72615	64011	15114	28408	13308	82812	87272		590	90141	11	+	+	34	
Mildenhall	497	22214	64016	15117	25500	14707	82626			497	62508	62012	14816	28471	14204	82815	84369	86075	497	90150	15	+	+	33	
Cardington	578	32108	62036	14216	30930	14801	83359			578	72205	66021	15115	25732	13212	82650	83362	87070	578	90151	13	+	+	32	
	559	82111	62036	14216	86411	15002	88711			559	62410	48042	15613	00902	12213	86070			559	90121	10	+	+	31	
West Raynham	485	62016	62016	13615	56311	14704	85709	83656		485	72414	66016	14413	16405	11310	81710	87075		485	93131	12	ir _o	ir _o	30	
Wittering	462	52212	74016	13315	35431	14001	83618	85360		462	72509	74035	14613	16436	10210	81710	87273		462	97121	09	dr _o	+	29	
Boscombe Down	746	82407	29506	15615	87111	14801																			

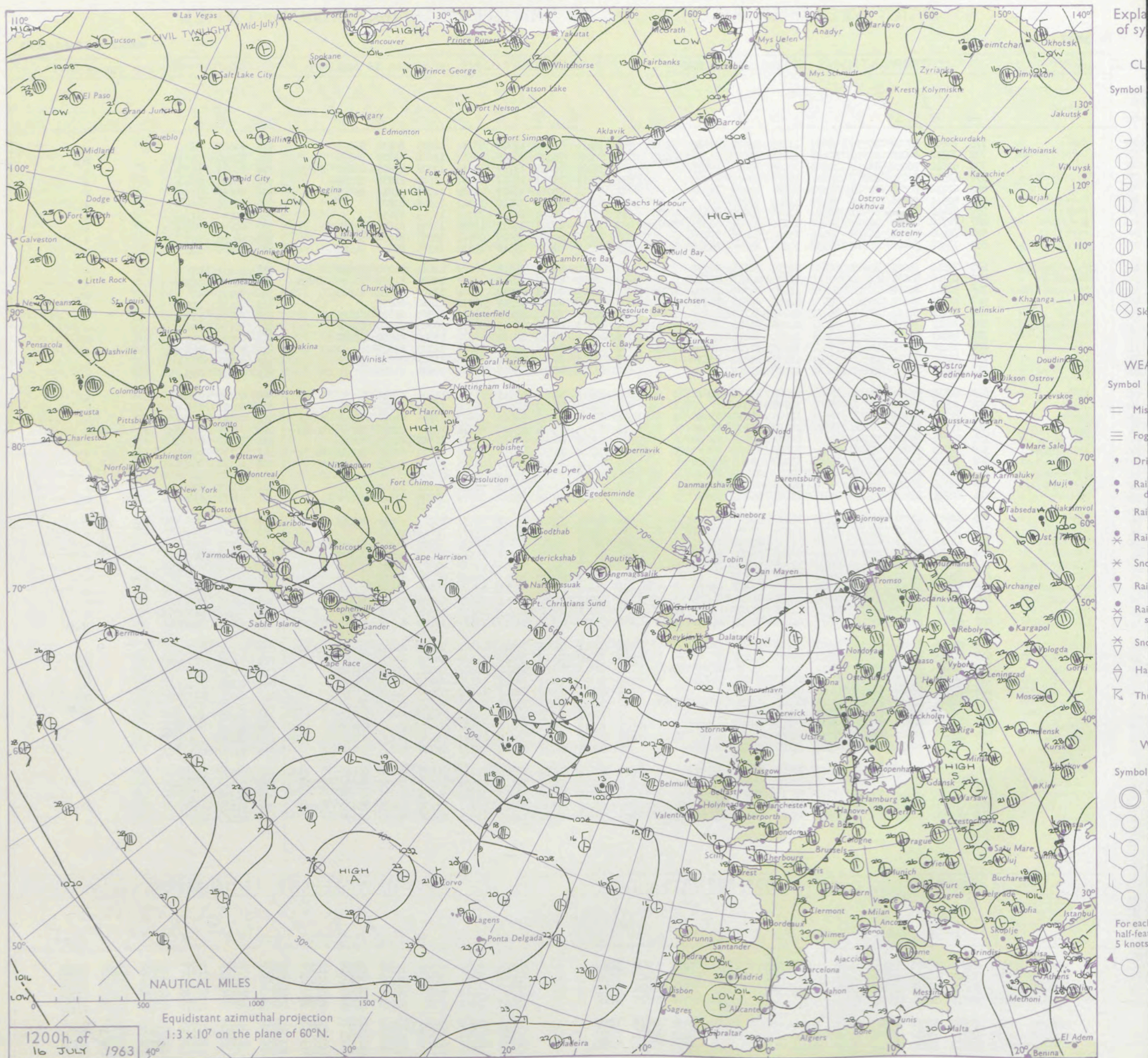
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37127

Date of Issue Wednesday 17 July 1963

Code FM II.A		OBSERVATIONS at 12h. 16 July 1963										OBSERVATIONS at 18h. 16 July 1963										OBSERVATIONS during DAY				
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	RRT	T _x T _x E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Kew	775	72606	82022	17518	48638	11103	82830	83640	86270	775	72410	80022	16718	68631	12603	82830	84640	85359	775	97201	060 +		pr			
London Airport	772	72210	80028	17818	68608	10105	83830	84650	87275	772	72209	78022	17019	68561	12604	81828	84650		772	97210	063 pr		pr			
Gatwick	776	62512	74022	18219	32532	10005	83825	83075		776	72409	82032	17717	38532	12702	81825	83640		776	00211	061 +		+			
Thorney Island	871	62310	78032	18919	22531	12103	82825			871	72611	74022	18217	18631	13605	81830	87359		871	00200	064 +		+			
Hurn	862	62210	80032	18519	38532	12302	83822	83362		862	62210	80012	17817	28432	14705	81818	85365		862	00190	/// +		+			
Guernsey	894	82511	58022	21115	86111	14205	87702			894	32813	70021	20016	31302	13608	82807			894	00181	094 +		+			
Wattisham	590	82415	74032	16817	58507	13206	83820	84645	88273	590	72710	70032	16118	75711	13705	87650			590	00200	/// +		+			
Gorleston	497	72710	64032	16519	52672	11210	85831	83360	86075	497	72305	62022	16419	12571	12003	81825	87360		497	00200	082 +		+			
Mildenhall	578	72406	74022	16419	38506	13104	82828	87270		578	62607	66022	16019	68611	12503	81830	86650		578	00201	053 +		+			
Cardington	559	72410	62022	16818	48532	12204	83820	86360		559	52311	70012	16318	48532	11705	83825	84640		559	97200	022 +		pr			
West Raynham	485	72514	74022	15818	62506	14208	86828	87275		485	72312	80022	15618	78611	12604	81830	87650		485	00201	071 +		+			
Wittering	462	72710	80032	15719	68532	11103	83825	86650		462	72807	80022	15717	78511	12604	81828	83640	87656	462	00201	062 +		+			
Boscombe Down	746	72705	82012	18018	42538	13203	84828	84360	87275	746	52902	80018														

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

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h and
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h shower

h and snow
shower

w shower

l shower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

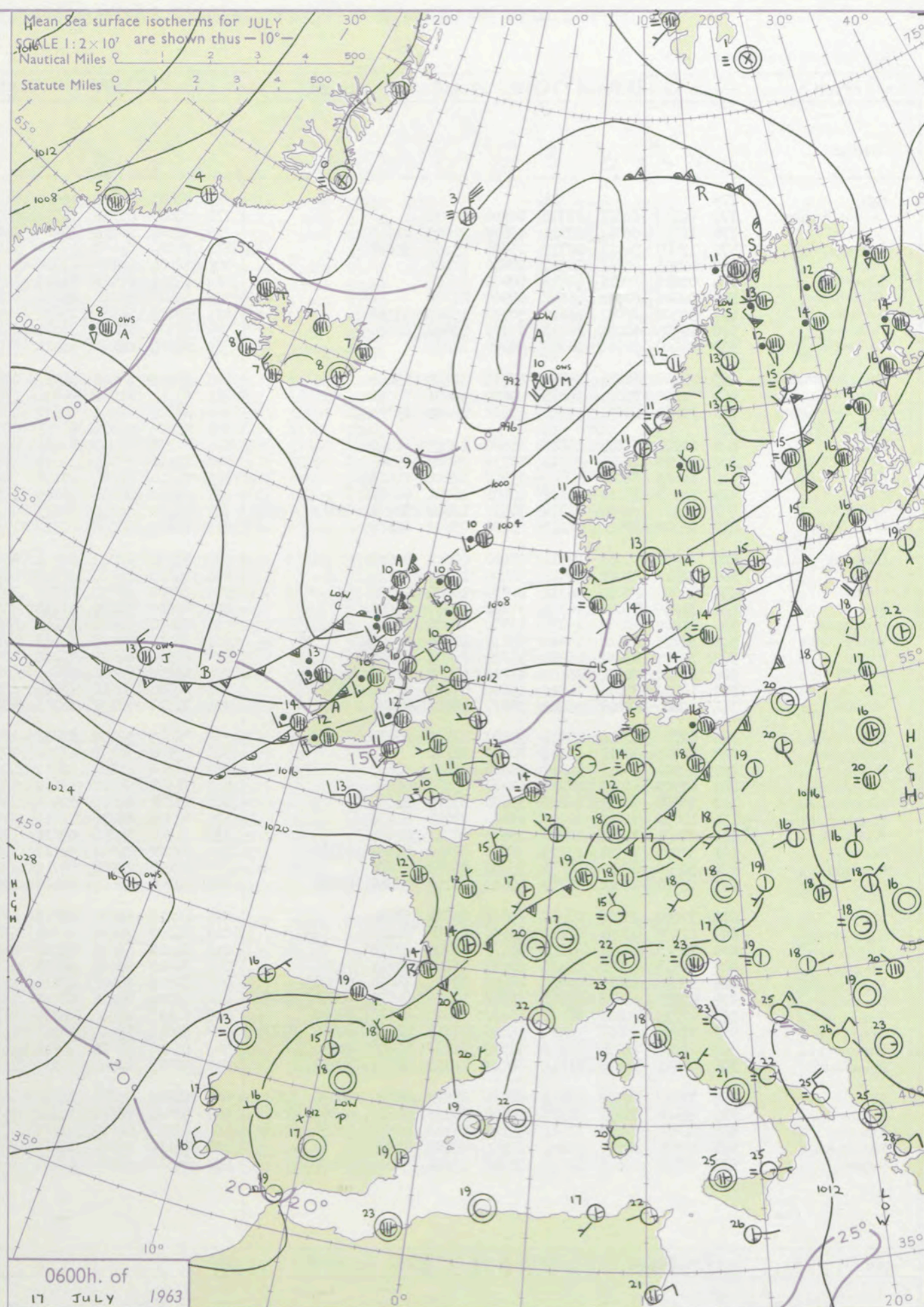
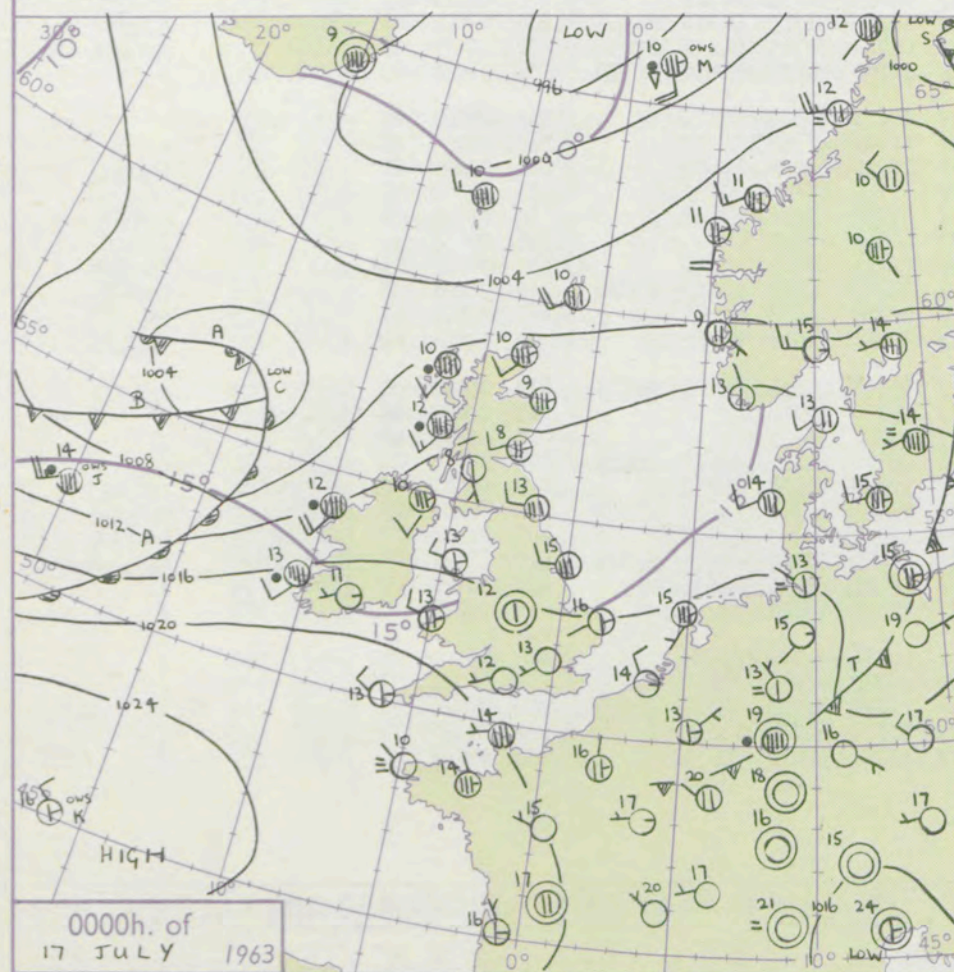
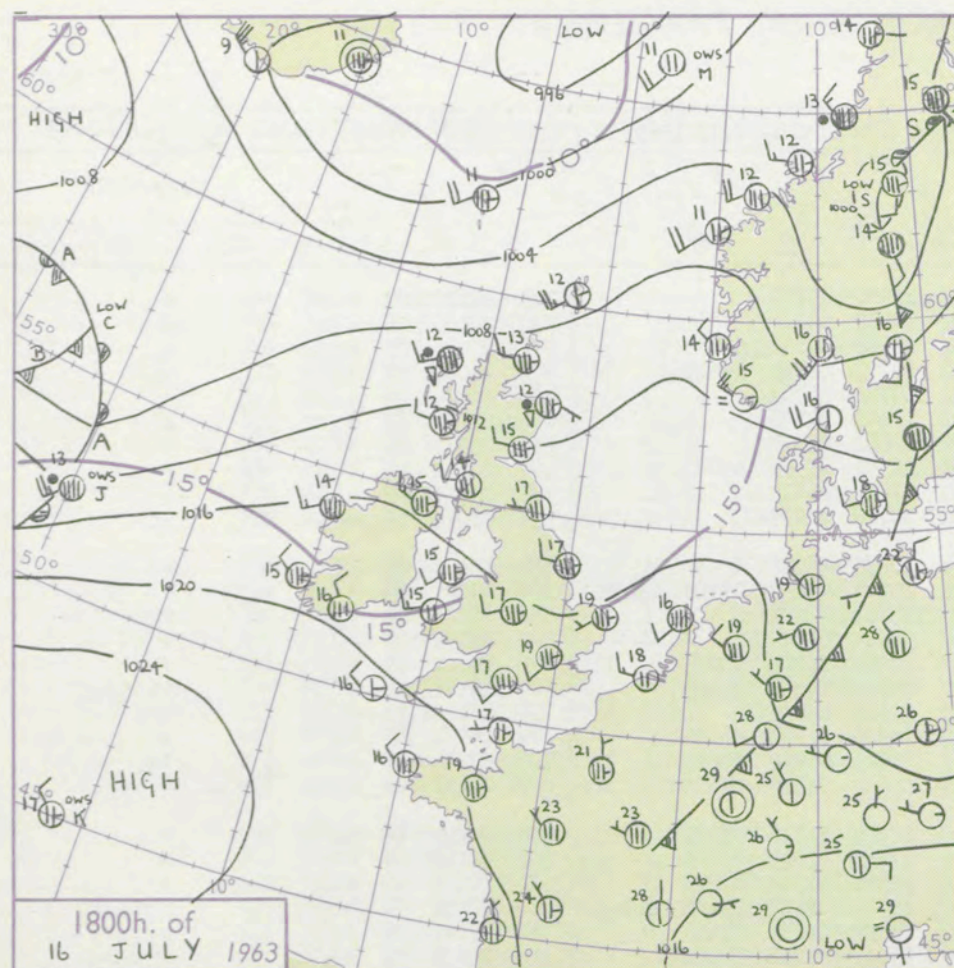
3-7

8-12

13-17

additional
her add

48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 17 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

A small depression moving steadily east over the Atlantic to a position near northwest Scotland is expected to decelerate and transfer to the North Sea maintaining a link with the almost stationary depression in the Norwegian Sea. A frontal system will move southeast across most parts of the British Isles.

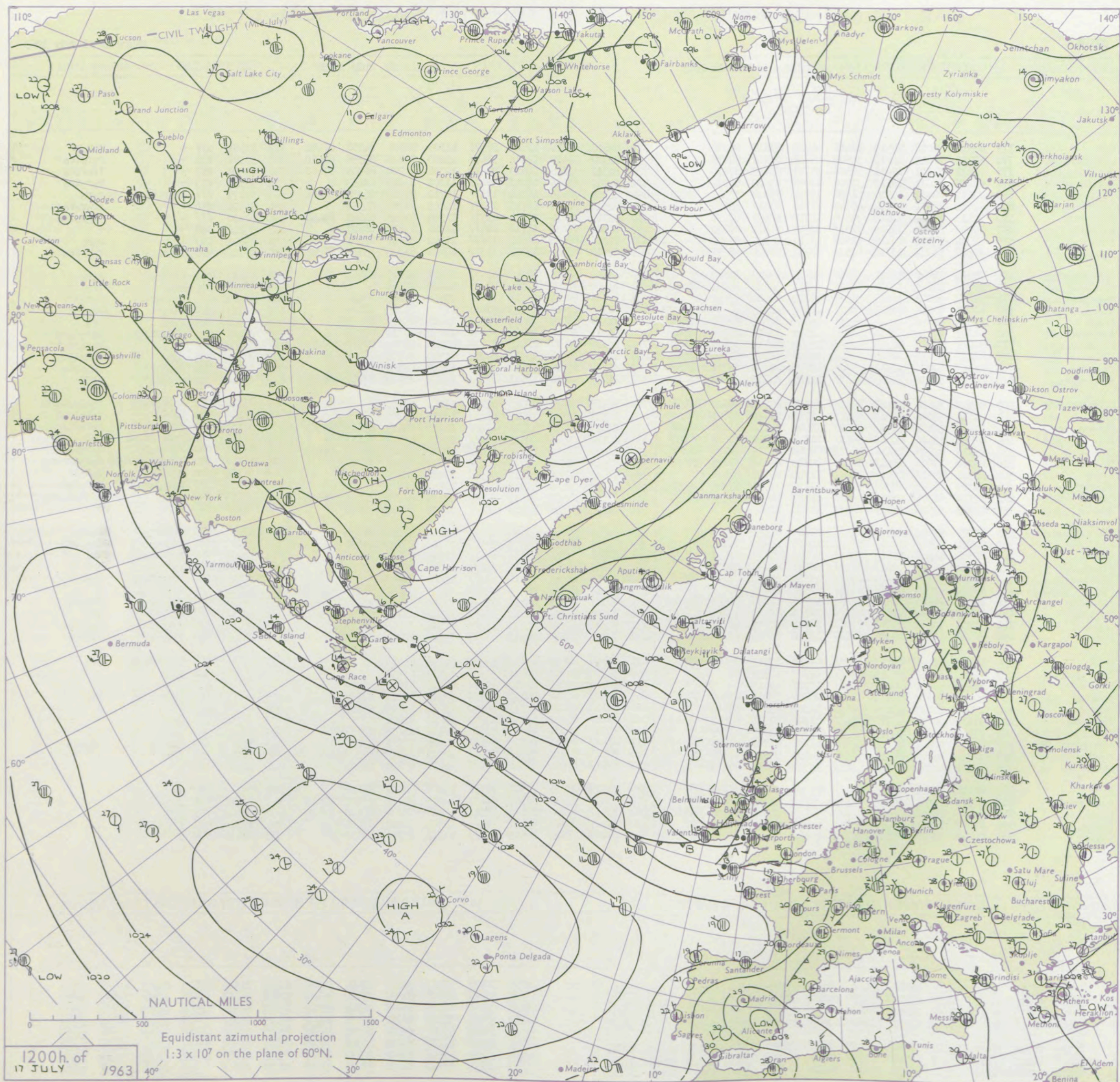
Cloudy weather with rain at times affecting most parts of the British Isles will be gradually replaced from the northwest by brighter weather with light showers but this change is unlikely to reach the extreme south until late in period, if at all. Rather cool.

OUTLOOK for following 48 hours
Changeable weather expected to continue.

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

Code FM 11.A OBSERVATIONS at 00h. 17 July 1963												OBSERVATIONS at 06h. 17 July 1963										OBSERVATIONS during NIGHT												CONVE TAB °C to
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _S Ch _S h _S	8N _S Ch _S h _S	8N _S Ch _S h _S	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _S Ch _S h _S	8N _S Ch _S h _S	8N _S Ch _S h _S	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N _S Ch _S h _S	8N _S Ch _S h _S	8N _S Ch _S h _S	iii	RRRT _n E	T _g T _g	WEATHER			
																															21h.—03h.	03h.—09h.		
Kew	775				14					775	82407	32101	16412	86311	11504	88707				775	00120	07	+											40
London Airport	772	02307	62011	17713	00900	10000				772	82609	30031	16511	86011	10502	88701				772	00100	06	+										39	
Gatwick	776	12103	66011	18011	15600	11000	81640			776	32302	60011	17010	15601	10502	81640	83675			776	00071	03	+										38	
Thorney Island	871	13001	74021	18713	15500	13103	81620			871	30000	59100	17210	11502	09702	81825	83075			871	00080	05	+										37	
Hurn	862	02505	66011	18312	00900	11400				862	32404	62110	17210	16342	10701	81707			862	00070	03	+											36	
Guernsey	894	02810	80011	20613	00900	12803				894	12910	80020	19312	16302	11103	81706			894	00111	09	+											35	
Wattisham	590	02206	62012	16612	00900	11500				590	52407	56011	15410	00902	10602	85075			590	00080	06	+											34	
Gorleston	497	32302	60011	16616	30930	13701	83360			497	52803	58051	15812	10941	11301	81360	85075			497	00110	10	+										33	
Mildenhall	578	22305	61011	16113	15702	12602	81656			578	62304	40101	15211	00902	11602	86072			578	00091	07	+											32	
Cardington	559	02409	56018	16712	00900	11802				559	62304	40101	15311	00904	10706	86075			559	00071	04	+											31	
West Raynham	485																																	

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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CHARTS OF WEATHER IN WEST EUROPE

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mbols

LOUD
Cloud
Amount
(oktas)

0
1 or less
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6
7 or more
8

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ATHER
Weather

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rizzle

h and snow

h shower

h and snow
hower

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hower

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IND

Wind
speed
(knots)

Calm

1-2

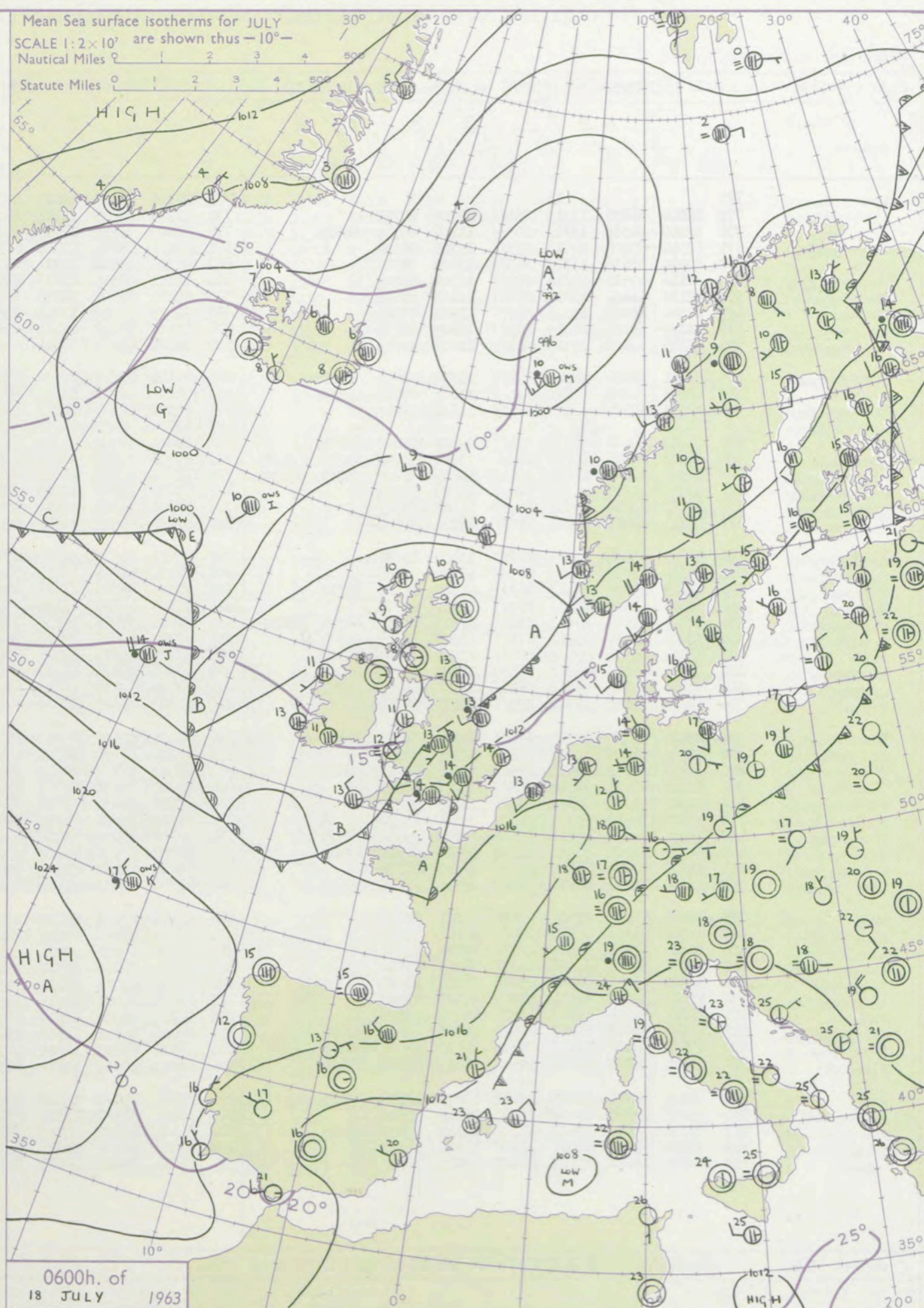
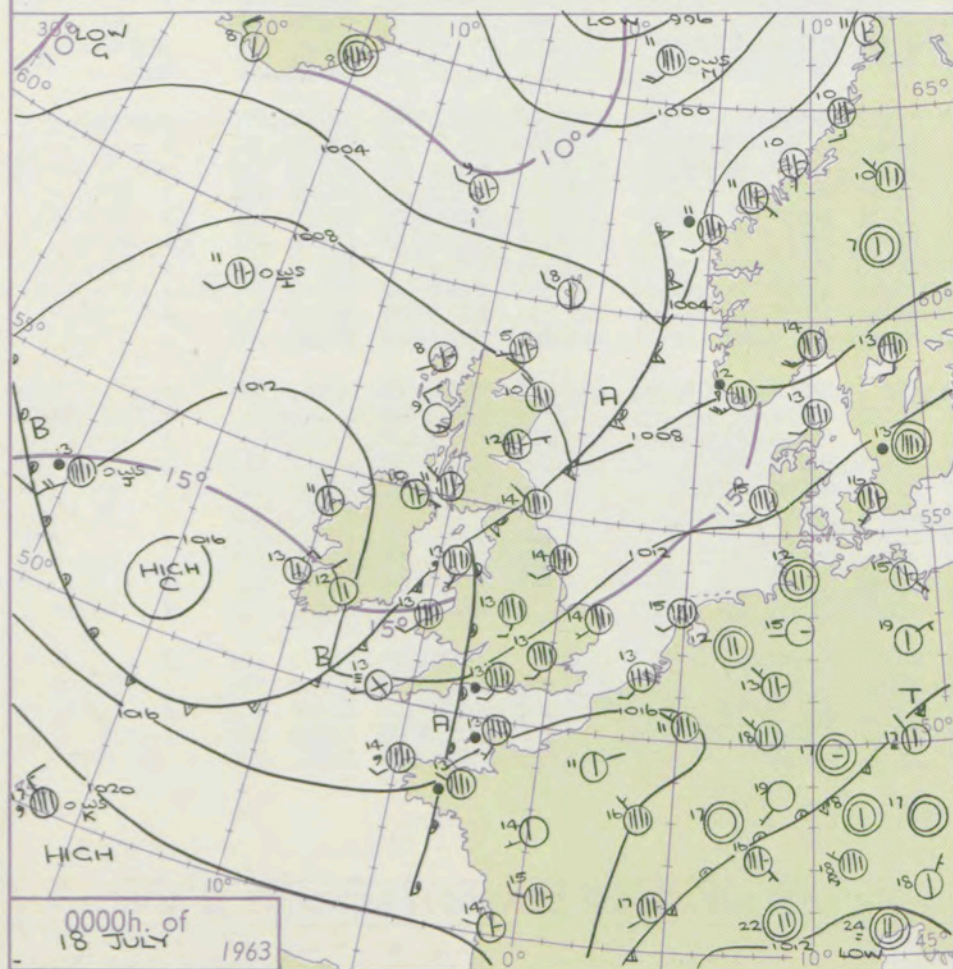
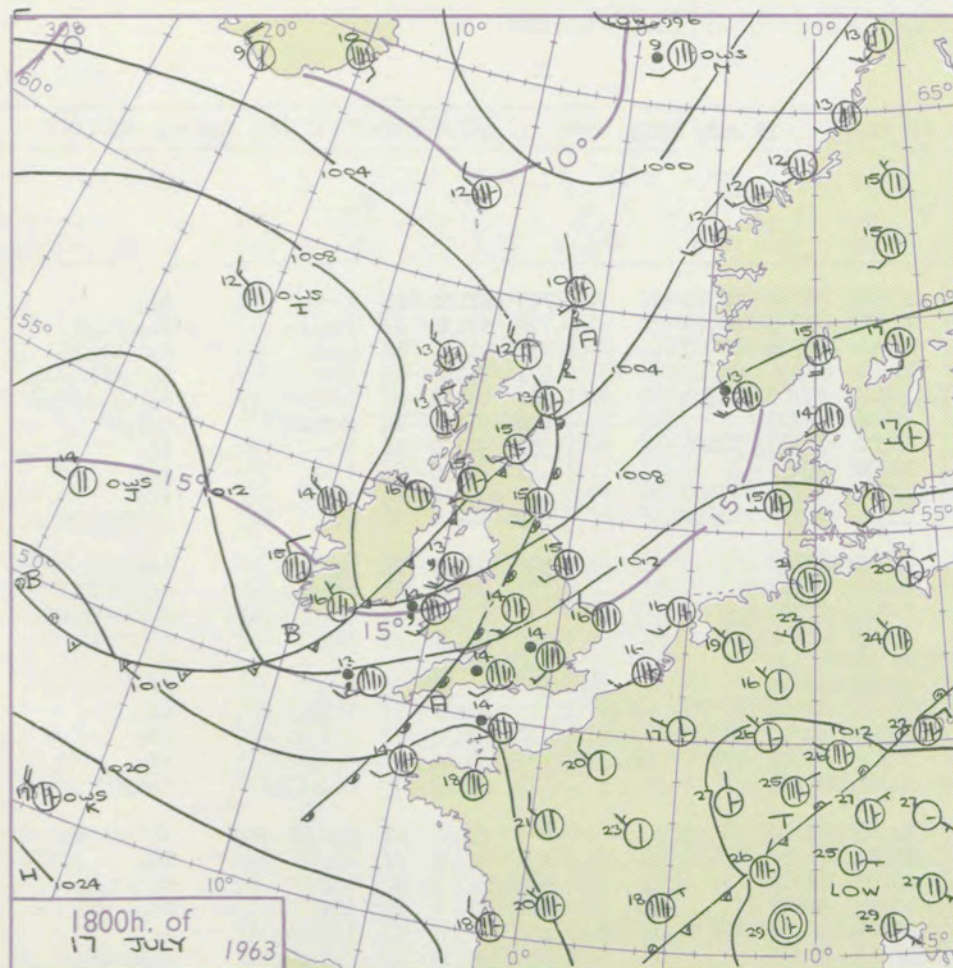
3-7

8-12

13-17

additional
her add

48-52



GENERAL SYNOPTIC DEVELOPMENT

A trough of low pressure has been moving eastwards across the British Isles at a decreasing speed and is being followed by a weak ridge. Further west a depression on the Atlantic has been deepening and will move towards the north of Scotland with associated troughs of low pressure advancing across the British Isles. Further wave disturbances are likely to develop on a cold front trailing across the Atlantic and these will move eastwards on the northern side of a stationary anticyclone centred to the west of the Azores.

Issued at midday Thursday 18 July 1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Though the southeast will be cloudy at first with occasional drizzle most parts of the British Isles will be dry for a time with sunny periods. Cloudy weather with rain will soon reach western Scotland and Northern Ireland and move eastwards across much of the British Isles to be followed by bright periods and showers in the northwest. It will be rather cool.

OUTLOOK for following 48 hours
Changeable with rain at times in most places.

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

Code FM 11.A OBSERVATIONS at 00h. 18 July 1963										OBSERVATIONS at 06h. 18 July 1963										OBSERVATIONS during NIGHT					CONVECTIVE TAB °C to
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 _n T _n E	T _g T _g	WEATHER		°C to	
																						21h.—03h.	03h.—09h.		
Kew	775			13						775	82106	56505	12614	873//	13701	86708	88715		775	97131	13	+	id _o	40	
London Airport	772	82010	66036	13313	864//	11705	88713			772	81909	57515	12714	862//	13501	83705	88706		772	92131	13	id _o ir _o	id _o drd _o	39	
Gatwick	776	82209	62586	13712	855//	11706	85710	88620		776	82109	56216	13113	872//	13704	86704	88707		776	91121	12	d _o r _o	d _o d _o ir _o id _o	38	
Thorney Island	871	82312	69206	14513	873//	11705	88709			871	82208	58606	13414	873//	13501	87706	88710		871	95131	12	ir _o	d _o r _o rrir _o id _o	37	
Hurn	862	82010	58636	13713	863//	13605	88706			862	82208	23516	12714	872//	13502	85703	88704		862	03121	12	r _o r _o rrd _o r _o	d _o r _o d _o d _o id _o	36	
Guernsey	894	82118	40516	15712	872//	12708	88705			894	82111	03515	13813	870//	13506	88700		894	96121	12	rrd _o d _o FF	d _o d _o FF	35		
Wattisham	590	82110	58036	13012	857//	12603	88650			590	82210	56502	12713	855//	12302	87706	88625		590	97120	12	ir _o	id _o	34	
Gorleston	497	82306	64022	13214	8097//	11801	88358			497	72007	58022	13214	756//	12302	87735		497	97130	12	+	ir _o	ir _o	33	
Mildenhall	578	82105	59036	12413	857//	11803	88656			578	82105	58216	12414	856//	13204	86708	88640		578	97131	12	id _o	ir _o	32	
Cardington	559	82109	63022	12313	864//	11605	88713			559	82106	63025	11914	855//	13500	85715	88625		559	91120	10	id _o	d _o d _o d _o r _o id _o	31	
West Raynham	485	82111	62026	11913	858//	11704	88657			485	82111	26506	12212	872//	12202	88703		485	92121	11	r _o r _o	ir _o d _o d _o	30		
Wittering	462	82209	62602	11712	854//																				

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

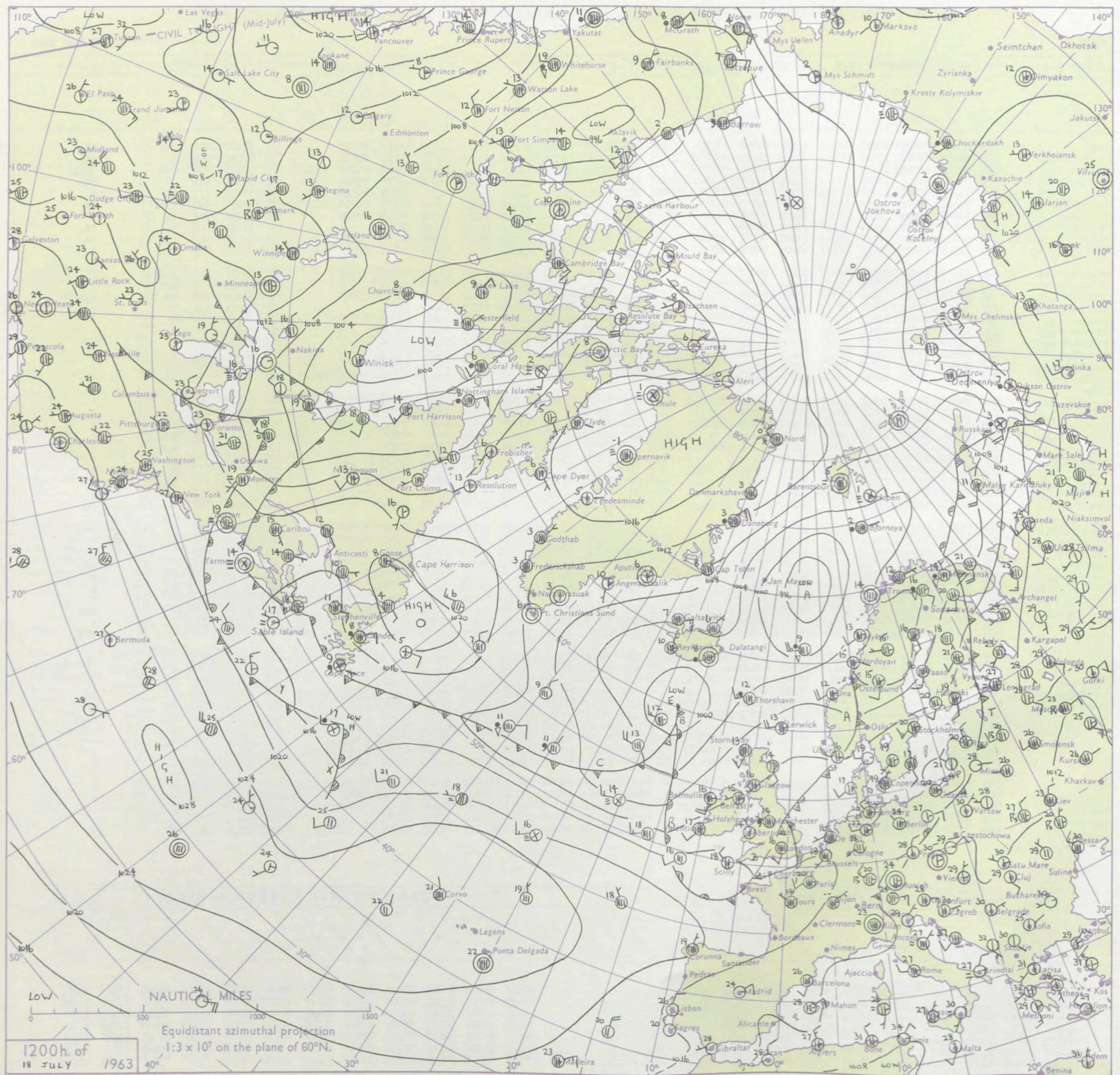
No. 37129

Date of Issue Friday 19 July 1963

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Code FM II.A		OBSERVATIONS at 12h. 18 July 1963										OBSERVATIONS at 18h. 18 July 1963										OBSERVATIONS during DAY			
Station		iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T _s	SSS	WEATHER	
																								09h.—15h.	15h.—21h.
104	Kew	775	82006	70025	14116	863//	14106	87708	88720		775	81904	66025	14117	884//	14702	85810	88620		775	97180	000	1d ₀	1d ₀	
102	London Airport	772	81909	62026	13816	864//	14103	86710	88712		772	82008	59026	14217	854//	14803	86617	88622		772	97181	000	+	ir ₀	
100	Gatwick	776	81911	56515	14415	872//	14203	86705	88707		776	81906	62025	14616	856//	14804	81710	84714	88630	776	97171	000	d ₀ d ₀	d ₀ d ₀	
99	Thorney Island	871	82110	56106	14815	872//	14205	84703	86704	88705	871	71807	69022	14917	685//	13801	81706	85712	86656	871	97181	018	+	1d ₀	
97	Hurn	862	71707	60015	13817	6555//	15302	81708	84710	85625	862	71807	60012	14716	784//	14302	82707	86812	87630	862	97190	///	1d ₀	+	
95	Guernsey	894	72412	60205	15715	754//	14208	82703	86707	86615	894	82708	80025	16415	6557//	12304	81705	84710	86625	894	97171	008	FF1d ₀	1d ₀	
93	Wattisham	590	81806	50505	14115	872//	14204	87705	88711		590	82109	56025	14217	854//	15701	86710	88618		590	97190	///	1d ₀	+	
91	Gorleston	497	82108	60022	14117	855//	13203	88626			497	82010	60025	14617	855//	15101	88624			497	97180	000	+	1d ₀	
90	Mildenhall	578	82004	62022	13717	855//	14105	86712	88620		578	82005	56015	13718	855//	15602	81715	88625		578	97181	000	1d ₀	1d ₀	
88	Cardington	559	82205	61205	13617	864//	14205	84710	88715		559	72009	61015	13817	785//	15001	81825	87645		559	97191	000	1d ₀	+	
86	West Raynham	485	82108	61205	13615	855//	14205	86712	88625		485	71910	61012	13517	784//	15803	82815	87650		485	97171	001	d ₀ d ₀	+	
84	Wittering	462	82403	66015	13515	855//	14105	85710	88620		462	52108	64015	13218	48401	15802	82815	83656		462	97181	015	d ₀ d ₀ 1d ₀	+	
82	Boscombe Down	746	82503	61505	13916	863//	15205	83709	88711		746	72307	58026	14316											

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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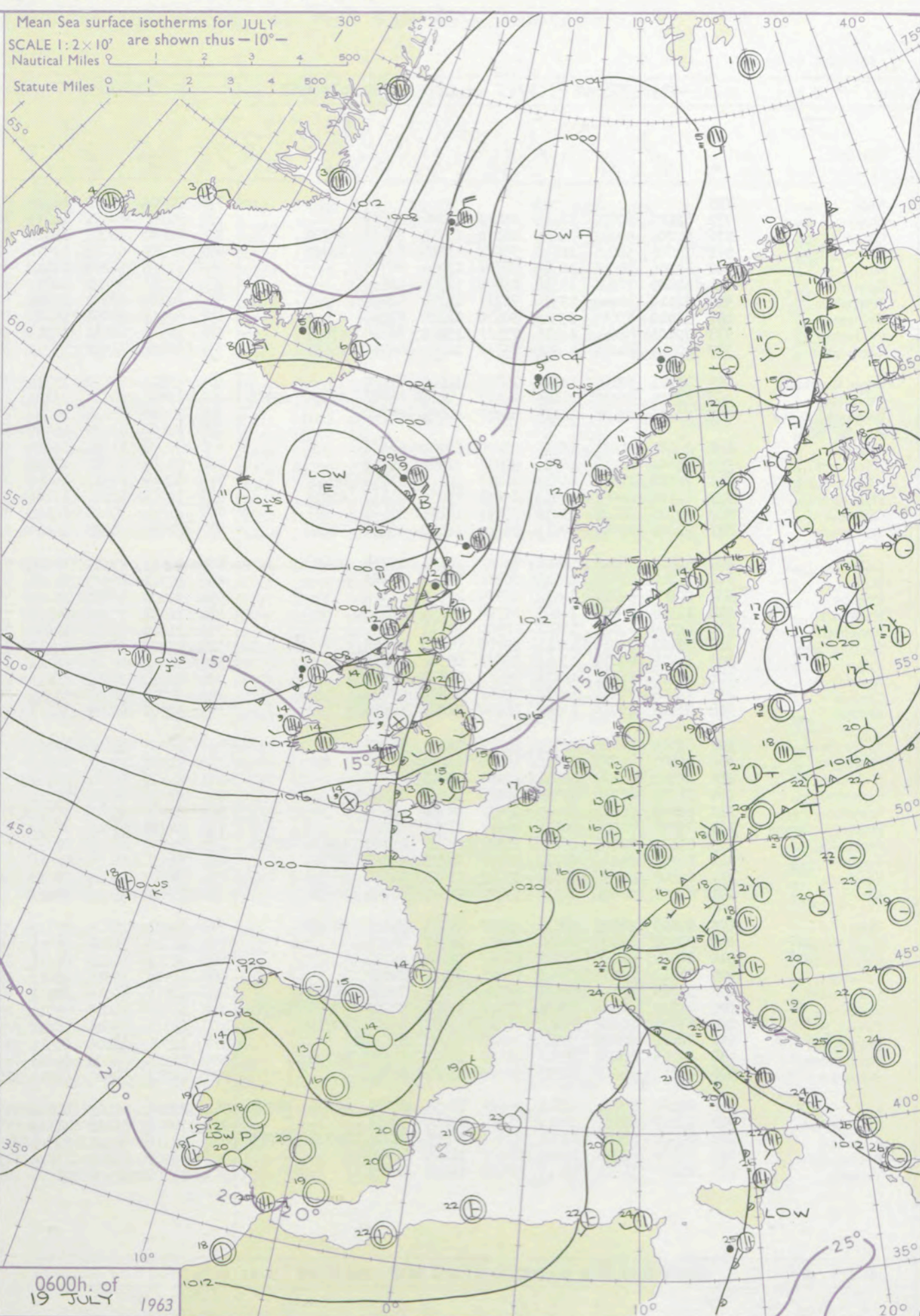
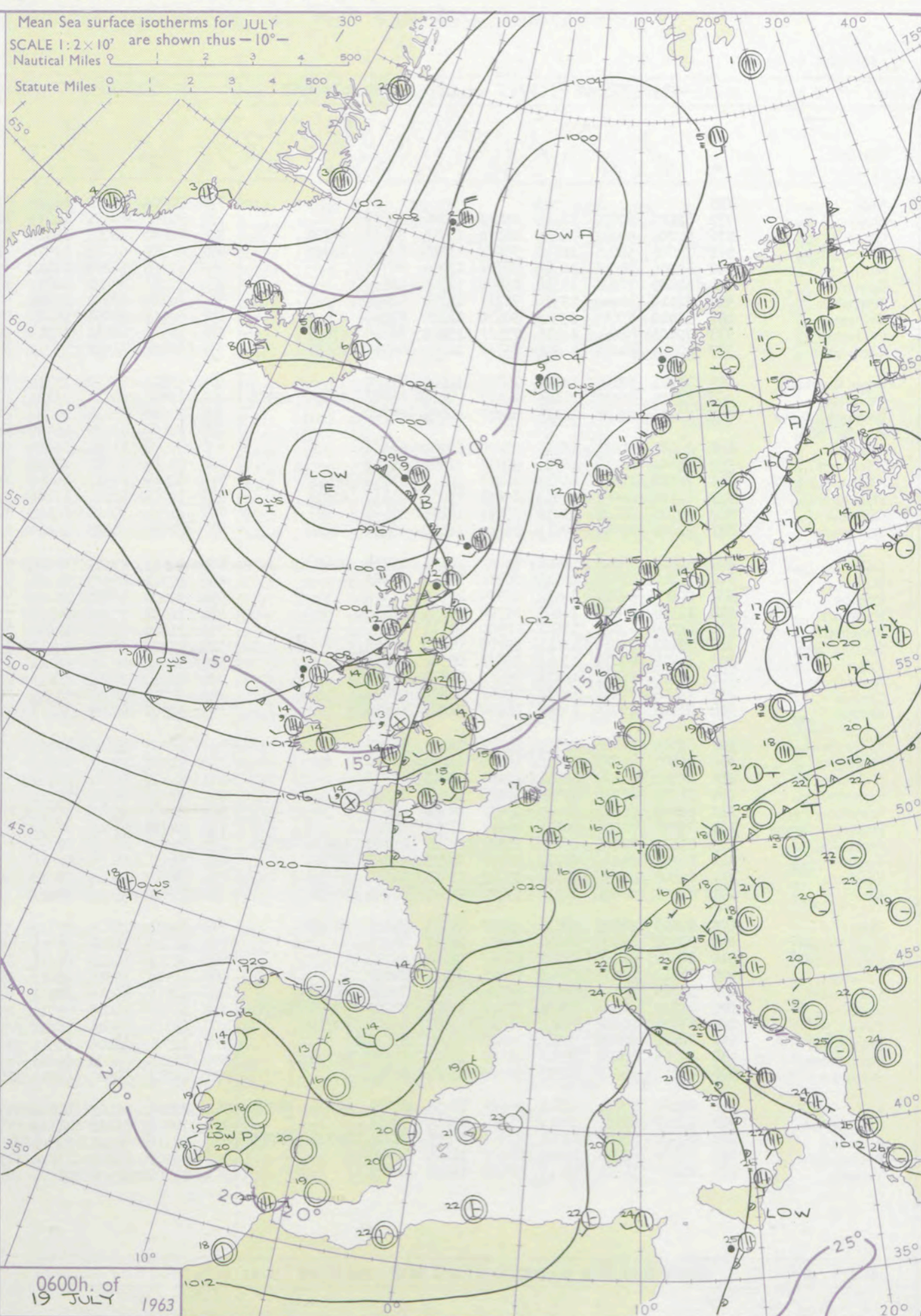
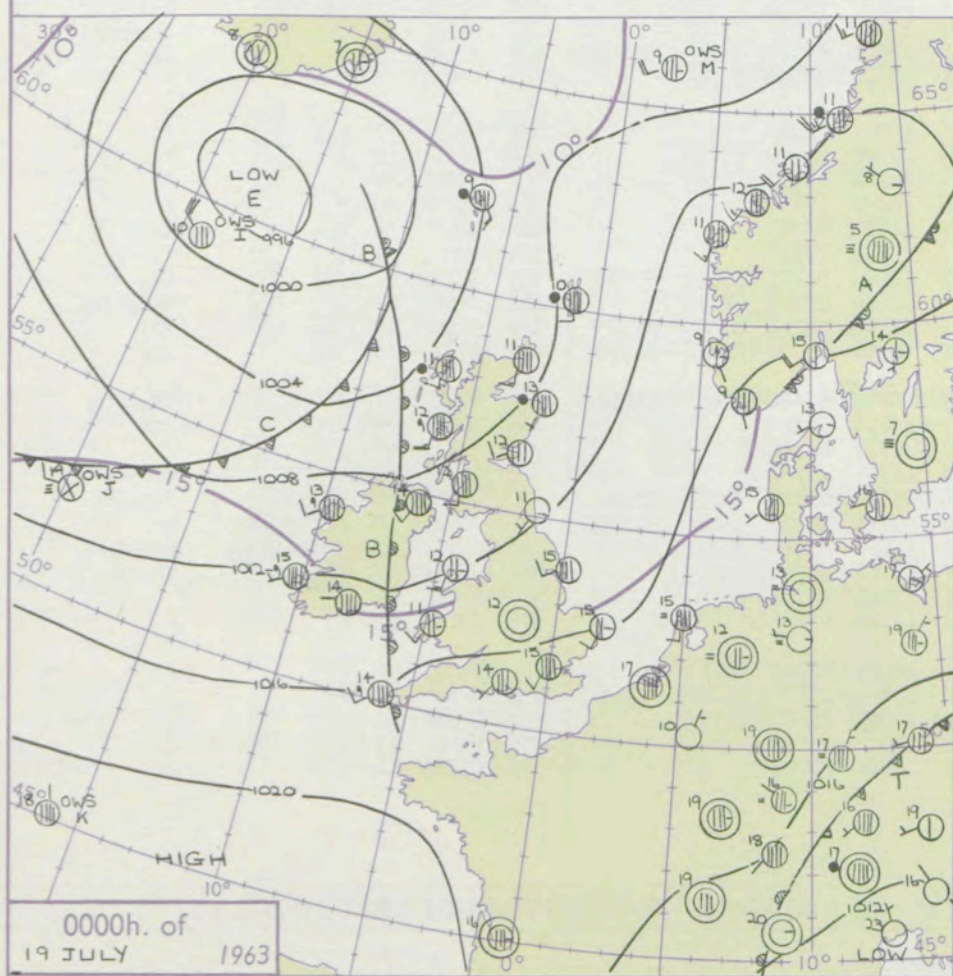
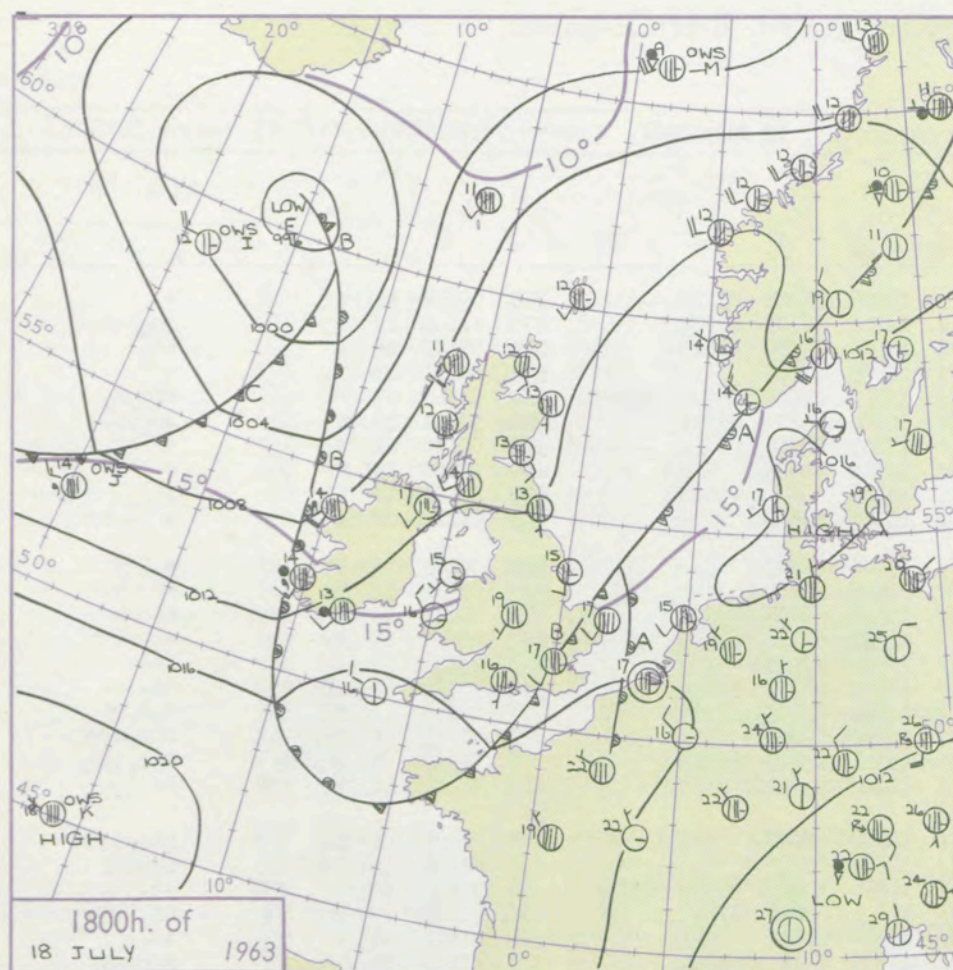
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 19 July 1963

A depression has been moving slowly northeast and deepening between Scotland and Iceland while the associated fronts have advanced into the British Isles. The depression is expected to continue on a northeastward track and though the cold front will cross all northern districts it will later become stationary over the Midlands, linking to the warm front of a deepening depression in mid Atlantic.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will be mostly cloudy at first in Scotland, Northern Ireland the north of England and north Wales but rather brighter weather with isolated showers has already reached the northwest of Scotland and will extend slowly southeast. Much of Wales and the southern half of England will be mostly cloudy with a little drizzle at times. Temperatures will be near average.

OUTLOOK for the following 48 hours. Changeable with further rain at times in many parts. Average temperatures.

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

Code FM II.A		OBSERVATIONS at 00h. 19 July 1963										OBSERVATIONS at 06h. 19 July 1963										OBSERVATIONS during NIGHT					CONVECTIVE TABLE °C to
Station	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n E	T _g T _g	WEATHER		21h.—03h.	03h.—09h.		
Kew	775			15						775	82004	56022	16215	86311	13206	86708	88715		775	00150	14	+	+			40	
London Airport	772	82110	62022	16115	85411	13206	88615			772	72008	50501	16615	76311	13206	86707	87709		772	97140	12	+	id _o			39	
Gatwick	776	82208	58022	16414	86311	13701	83707	88709		776	72307	56202	17114	76211	13306	86705	81610		776	97141	14	+	id _o			38	
Thorney Island	871	72006	58025	16815	76311	13104	82706	87709		871	72305	61022	17414	76311	12205	87707		871	00130	13	+	+			37		
Hurn	862	62204	48031	16314	66311	13208	86708			862	72505	50284	17413	35571	13310	81625	83650	85365	862	97111	07	+	ffd _o r _o		36		
Guernsey	894	12409	78021	18512	15600	11305	81630			894	72311	82021	18913	16271	12206	81704	87358		894	97121	10	+	ir _o id _o		35		
Wattisham	590	72110	48012	15514	75711	14204	87656			590	42108	40101	16214	46300	13205	84706			590	00130	11	+	+		34		
Gorleston	497	51910	60012	15515	50970	14202	87658			497	82109	58051	16015	85511	13305	88624			497	00140	13	+	+		33		
Mildenhall	578	72003	48052	14916	75511	15203	84620	87656		578	02205	48011	15814	00900	13306				578	00131	12	+	+		32		
Cardington	559	62009	61012	14915	65711	14103	84716	86650		559	32106	48031	15713	35700	13105	83650			559	97110	08	+	+		31		
West Raynham	485	72011	32101	14615	75811	14500	87657			485	72111	28102	15714	76311	13306	87707			485	00141	12	+	+		30		
Wittering	462	82307	30101	14615	86211	14105	84703	86704	88706	462	82206	19284	15412	86111	12105	88702			462	00121							

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37130

Date of Issue Saturday 20 July 1963

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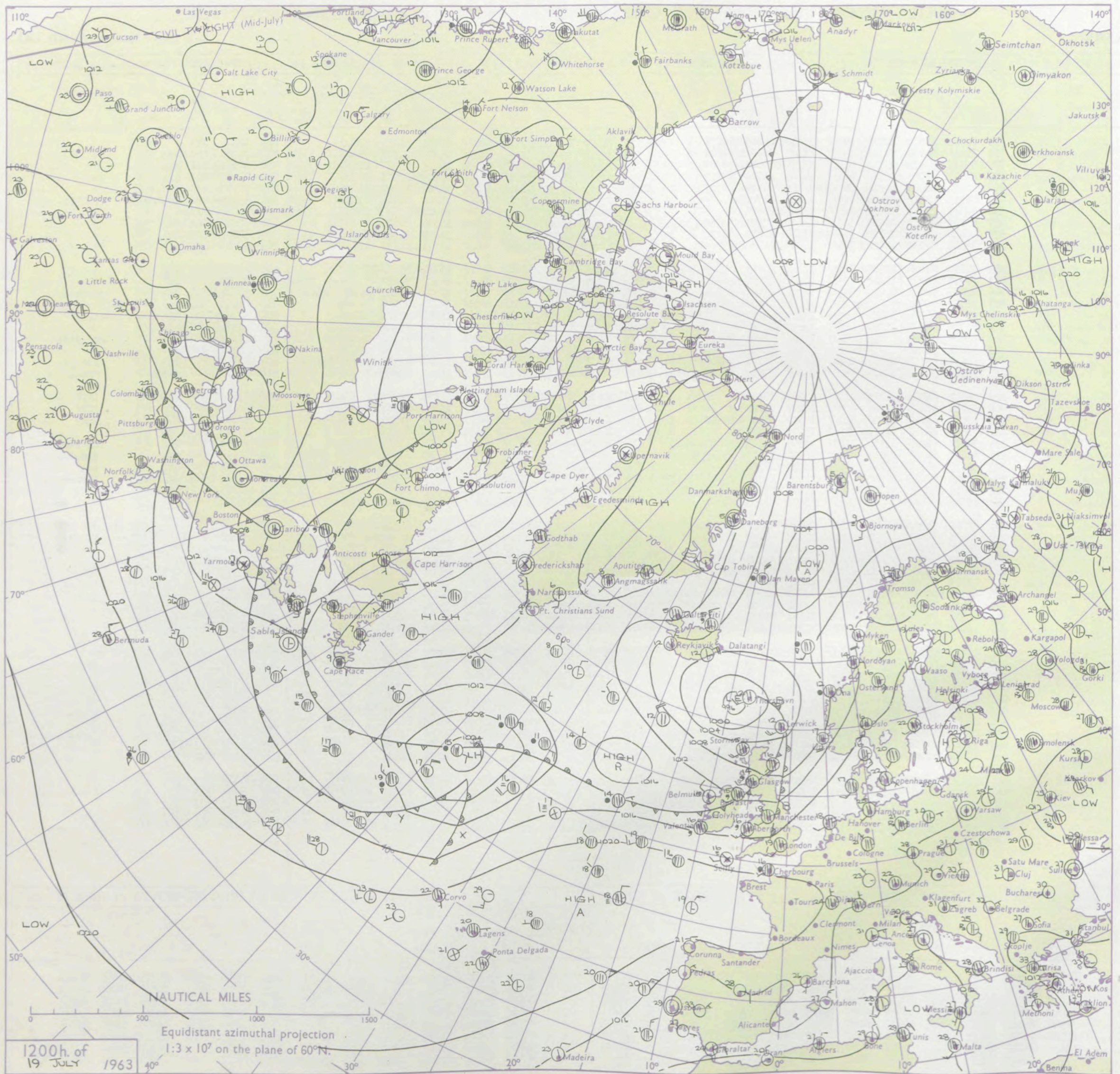
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Code FM 11.A		OBSERVATIONS at 12h. 19 July 1963										OBSERVATIONS at 18h. 19 July 1963										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _s T _s E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Kew	775	72311	66022	17018	78511	13000	84825	84635			775	72107	60022	17518	78611	15301	81830	87640			775	00190	013	+	+	
London Airport	772	72211	64035	17319	75511	13102	82621	87625			772	82010	59032	17719	85511	15300	82712	88640			772	97200	018	ido	+	
Gatwick	776	82215	69038	17718	65471	13301	86612	88360			776	72212	59012	18617	75600	15002	83709	87635			776	97191	014	pro	+	
Thorney Island	871	82212	66205	18616	86411	14104	86710	88713			871	82408	58025	19216	86211	15500	83705	88706			871	97170	001	ido	+	
Hurn	862	82211	58206	18216	86211	15102	86705	88707			862	72309	56055	18318	55401	16201	82707	85610			862	97190	111	dodo	+	
Guernsey	894	82313	01506	20514	86011	14006	88700				894	72912	40105	21016	76011	15201	84701	87620			894	93161	000	idofFfido	fffff	
Wattisham	590	62311	58011	16220	62500	15704	86820				590	82410	62032	16618	85511	16203	83620	88640			590	00200	111	+	+	
Gorleston	497	62112	60031	16221	32531	14601	83824	83360			497	82612	60012	16621	65500	15306	86625			497	00220	044	+	+		
Mildenhall	578	62109	66211	15720	38602	13803	82830	86070			578	82106	64022	16120	85611	16400	86630	88650			578	97210	041	iro	+	
Cardington	559	72311	66032	16020	78611	14000	86830	87650			559	72210	58022	16520	75611	16303	81630	87650			559	00210	038	+	+	
West Raynham	485	71920	69022	15319	68531	13801	84828	85657	85360		485	82114	66022	15919	85611											

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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CHARTS OF WEATHER IN WEST EUROPE

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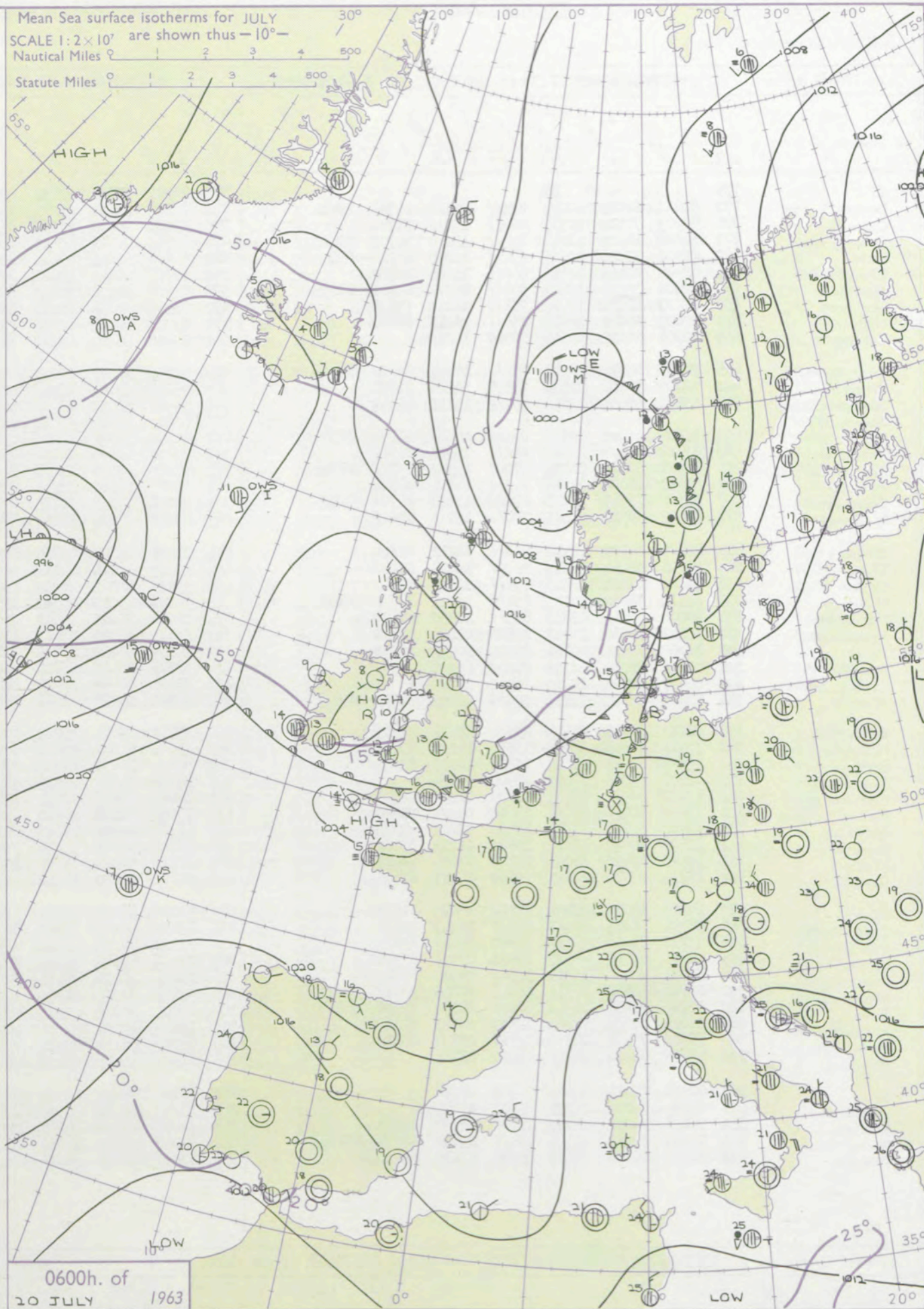
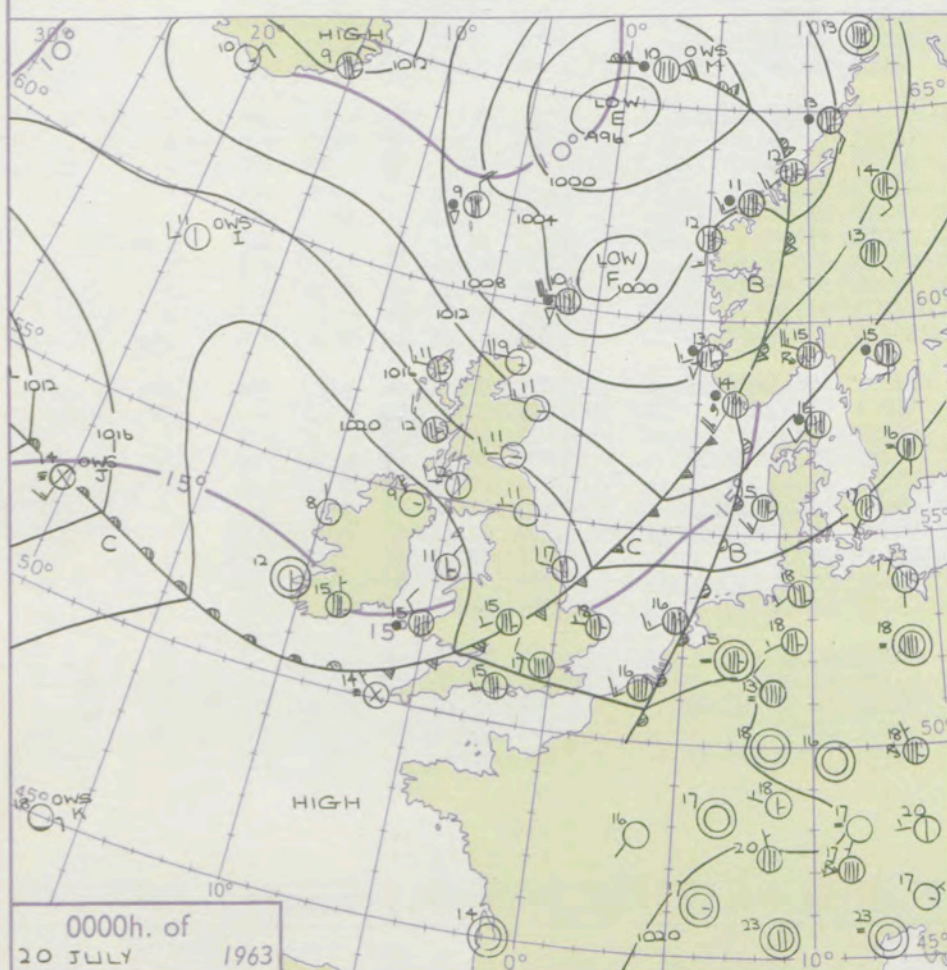
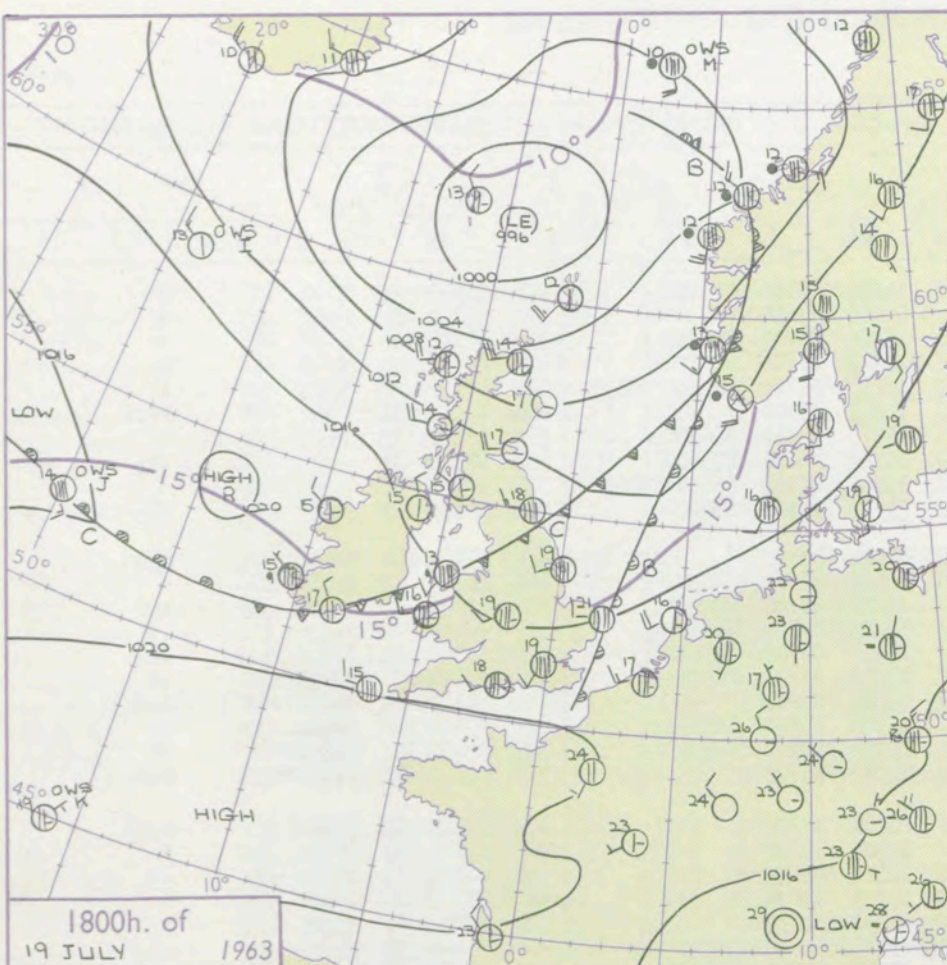
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Mean Sea surface isotherms for JULY
SCALE 1:2x10⁷ are shown thus -10°-
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

GENERAL SYNOPTIC DEVELOPMENT

A depression is moving northeast close to the west coast of Norway and another between Ships Charlie and Juliet is also moving northeast and will probably pass north of the Faeroes. The latter depression is causing some oscillation of the upper pattern and an anticyclone has developed over Ireland and will move east across England to the low countries while a ridge is likely to persist from France to the Azores.

Issued at midday 20 July 1963

1963 FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most parts of the British Isles will be dry at first with good sunny periods but the Channel Isles and southwest England will be cloudy with hill fog. Later clouds will increase in western districts and drizzle or slight rain is likely to spread from the southwest to these areas. Temperatures near average.

OUTLOOK for following 48 hrs.

Mostly dry with sunny periods in the southeast. More cloudy elsewhere with rain or drizzle at times. Temperatures about average.

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

Code FM 11.A		OBSERVATIONS at 00h. 20 July 1963										OBSERVATIONS at 06h. 20 July 1963										OBSERVATIONS during NIGHT					CONVECTIVE TABLE °C to
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRRT _n E	T _g T _g	WEATHER		CONVECTIVE TABLE °C to			
																						21h.—03h.	03h.—09h.				
Kew	775			18						775	83301	56052	23216	85611	14317	87640	88645		775	00160	15	+	+	40			
London Airport	772	82811	62015	20017	85511	14116	84715	88622		772	72902	57012	23016	75511	14216	87624			772	97150	14	id _o	+	39			
Gatwick	776	82203	37102	20715	86211	15212	88704			776	83203	85022	23216	85511	14316	81706	88625		776	00141	13	+	+	37			
Thorney Island	871	82802	48102	21016	85411	152 9	84705	88616		871	82903	61022	23416	85411	15213	88615			871	00150	15	+	+	38			
Hurn	862	62502	59026	20615	65611	15210	83712	86640		862	80000	62015	23416	85611	15213	84710	86712	88635	862	97150	13	ir _o	+	36			
Guernsey	894	82908	02444	22715	86011	15206	88700			894	83207	01444	24014	86011	14207	88700			894	00141	14	fffF	FFFf	35			
Wattisham	590	82408	32025	19217	85611	16215	8712	88635		590	83308	48032	22415	85611	15219	82712	88630		590	97140	13	id _o	+	34			
Gorleston	497	72107	58052	18618	75611	16214	87630			497	73310	60216	22017	65581	15220	86624	87360		497	97150	15	+	ir _o	33			
Mildenhall	578	82505	59022	18817	85611	16217	88634			578	73203	74012	22816	75611	12222	81708	86640	87656	578	00150	15	+	+	32			
Cardington	559	02508	50012	19516	00900	14213				559	73505	56202	23116	75511	15220	81709	87620		559	97130	12	+	id _o	31			
West Raynham	485	72409	61016	18317	75511	16115	81620	87638		485	42905	62016	22714	25631	12222	82635			485	97141	12	ir _o	ir _o	30			
Wittering	462	22707	58041	19115	15601	14116	81635			462	53105	69011	23313	48501	10224	81820	84630		462	00130	11	+	+	29			

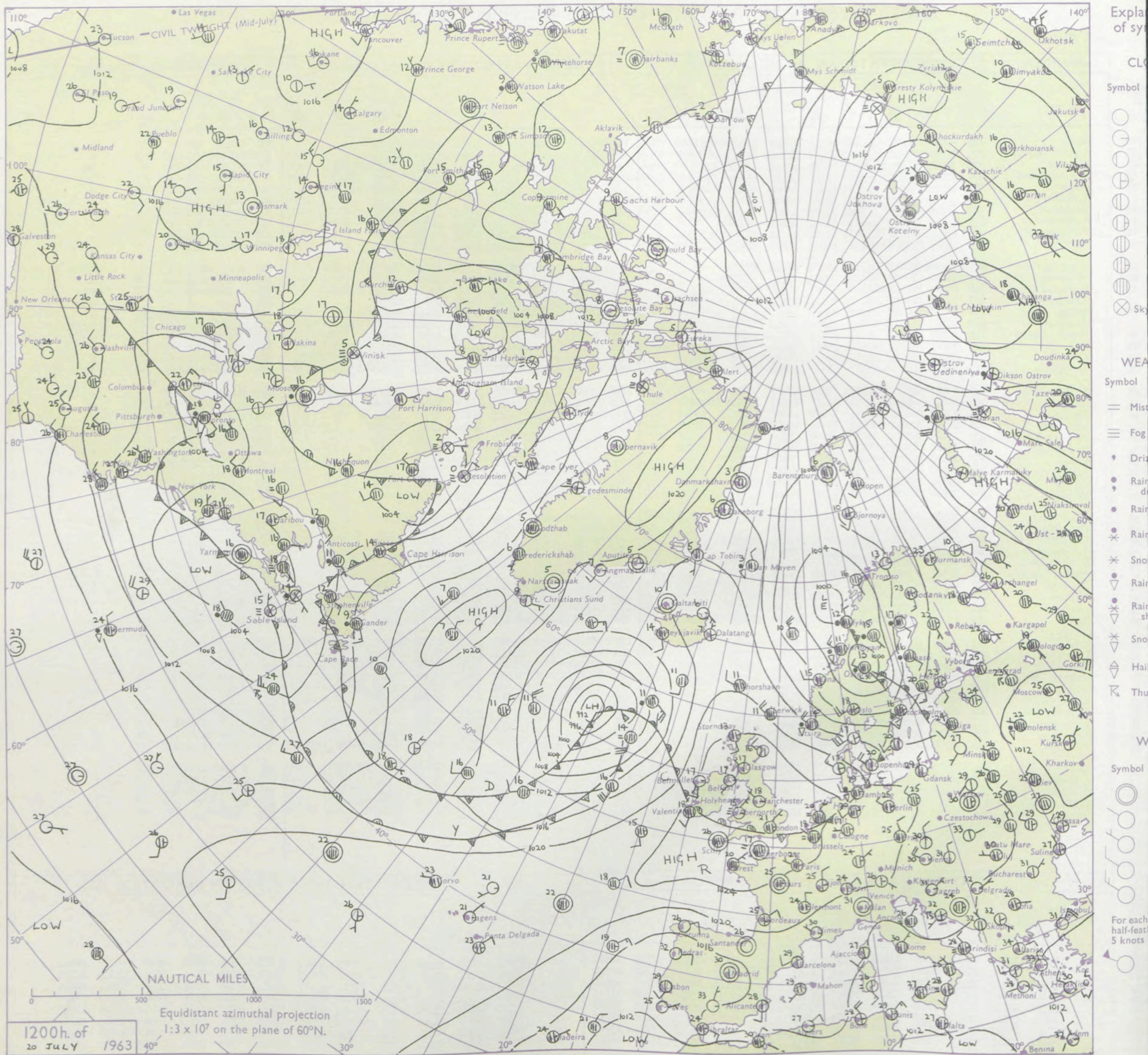
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37131

Date of Issue Sunday 21 July 1963

Code FM II.A	OBSERVATIONS at 12h. 20 July 1963										OBSERVATIONS at 18h. 20 July 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 x F	SSS	WEATHER	
																							09h.—15h.	15h.—21h.
104	Kew	775	70000	64022	25621	78511	14209	85825	87635		775	30000	62011	25724	32600	12400	83830		775	00240	054	+	+	
102	London Airport	772	70306	58032	25721	78511	14209	84822	86645		772	10505	62011	26023	11600	13703	81835		772	00240	053	+	+	
100	Gatwick	776	70906	62022	25621	78511	16212	83822	87656		776	72105	56052	26420	75611	16304	81630	86645	776	97230	018	+	1d0	
99	Thorney Island	871	72006	69032	25920	75611	16209	86630	87650		871	81503	62602	26719	85611	16305	82630	88650	871	97220	003	+	1r0	
97	Hurn	862	80000	59022	25720	85511	16209	86620	87650		862	71804	62022	26819	78511	15801	81828	87635	862	00220	111	+	+	
95	Guernsey	894	80104	40054	25717	86011	15207	84701	88704		894	70606	58051	25617	75411	14604	87614		894	00191	042	jf	+	
93	Wattisham	590	42806	80031	25520	11602	13209	81830	84075		590	10708	74011	27517	14601	13308	81635		590	00220	111	+	+	
91	Gorleston	497	20311	64016	26715	12501	18209	81824			497	20707	64020	28615	00901	11207	82078		497	00170	109	+	+	
90	Mildenhall	578	63302	80031	25920	11601	12110	81835	86075		578	20803	80031	27020	21601	13304	82835		578	00220	124	+	+	
88	Cardington	559	20305	80021	25721	11601	12209	81845			559	10706	74010	26122	11601	08301	81845		559	00230	111	+	+	
86	West Raynham	485	10306	83021	26717	11501	08219	81825			485	10413	83020	27717	11501	11104	81825		485	00191	137	+	+	
84	Wittering	462	30304	83031	26220	00901	03113	83075			462	10811	82020	26520	00901	12601	81075		462	00220	139	+	+	
82	Boscombe Down	746	80000	57052	26218	85411	16212	86707	88615		746	70000												

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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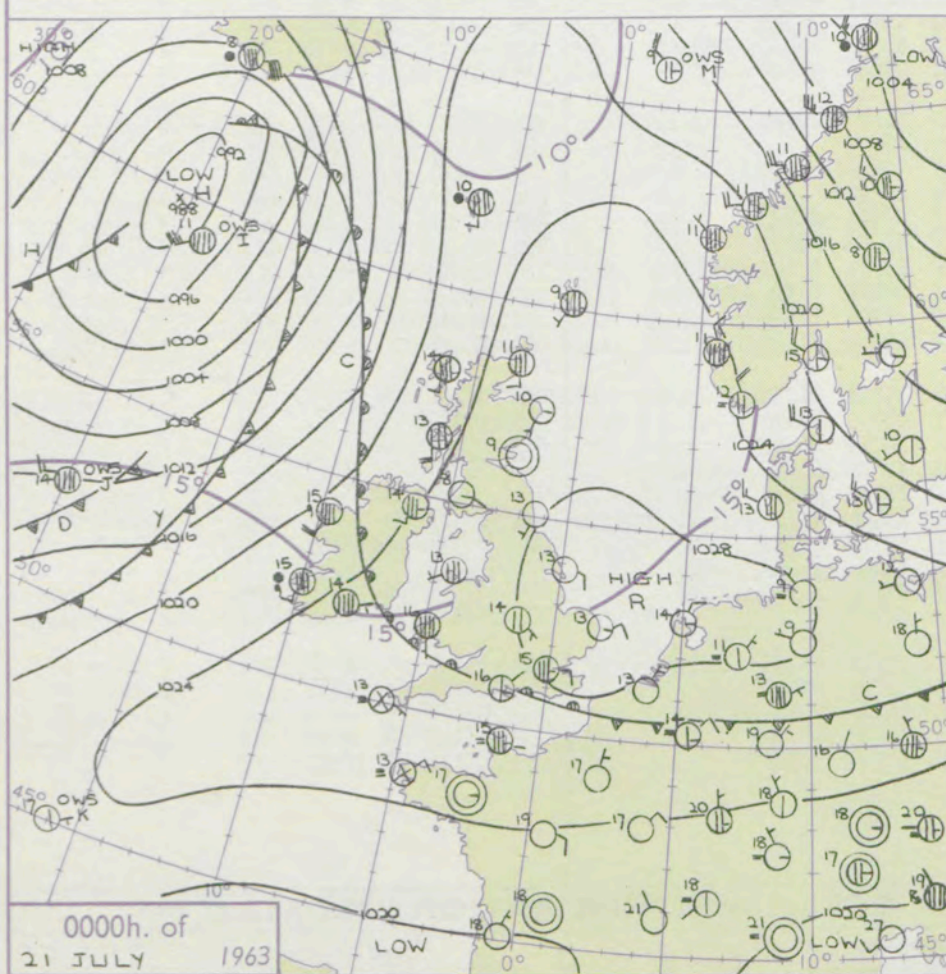
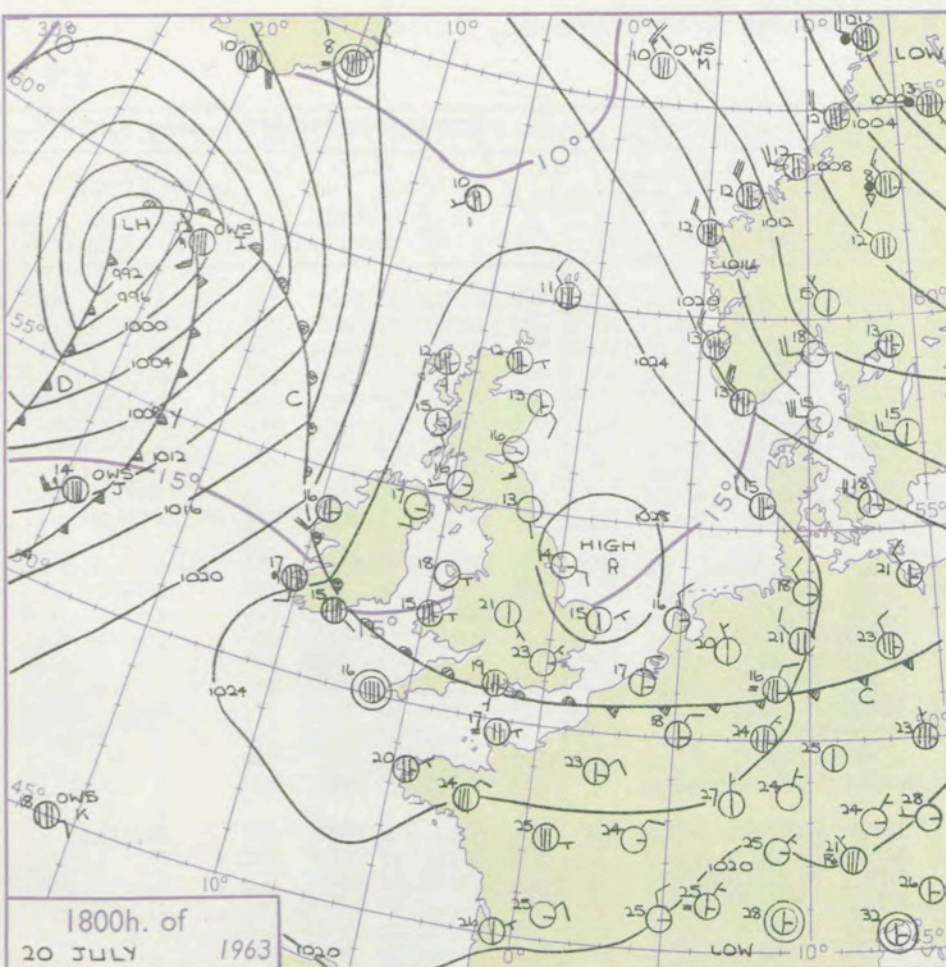
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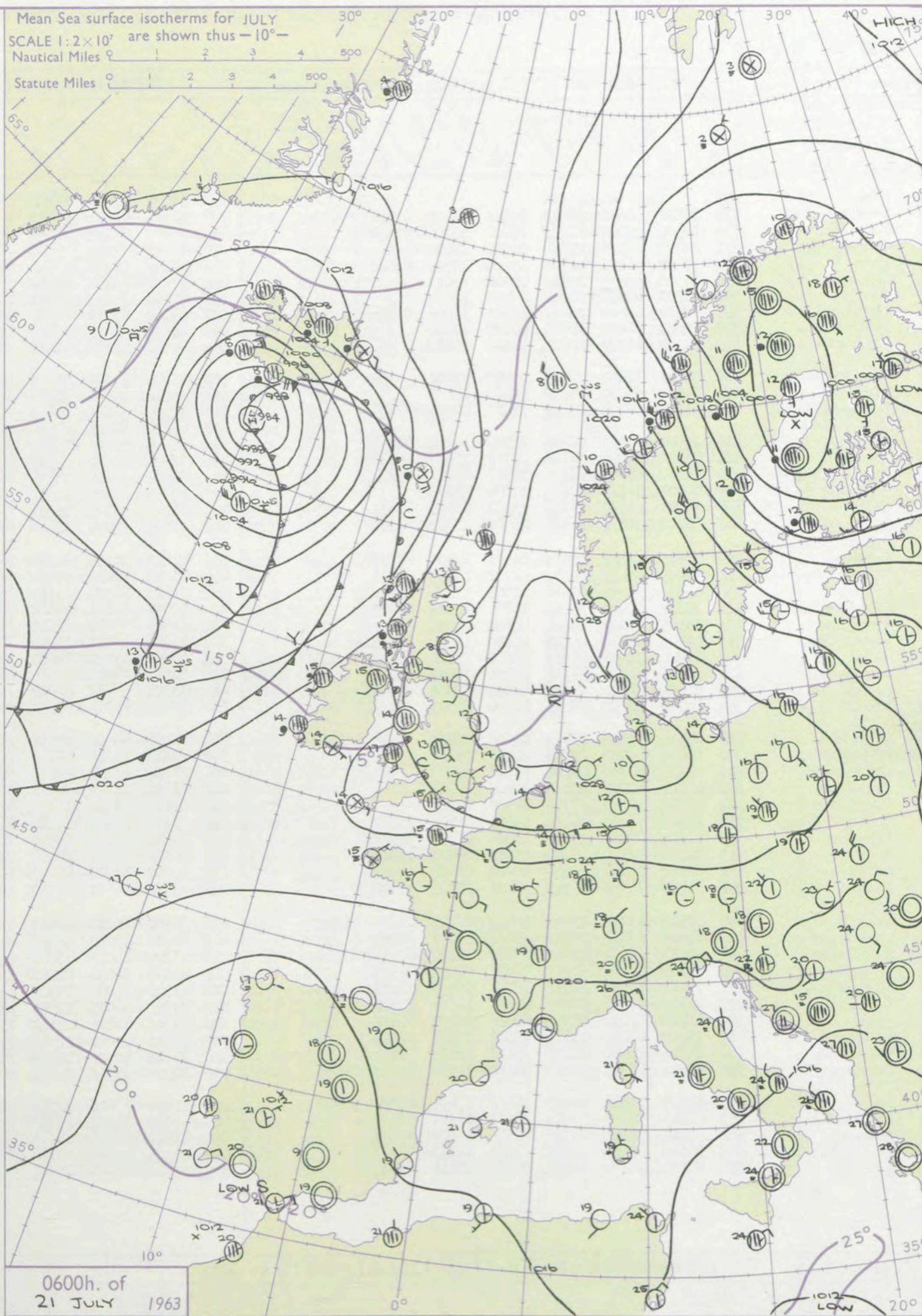
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GENERAL SYNOPTIC DEVELOPMENT

A deep depression south of Iceland will probably continue its northeasterly track towards north Norway. The anticyclone over the North Sea is moving slowly east but the ridge extending southwestwards across southern England to the Azores will persist. Another ridge near Ship Charlie will move east with a relaxing upper trough approaching western districts.

Issued at midday Sunday 21 July 1963



FORECAST for Great Britain and Northern Ireland until noon tomorrow

England, Wales and southeast Scotland will be dry with a good deal of sunshine especially in southern and eastern parts of England. Northern Ireland and most of Scotland will be rather cloudy with a little drizzle or light rain in places but also bright intervals. Temperatures will be similar to yesterday.

OUTLOOK for following 48 hours
Little change.

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

Code FM 11.A		OBSERVATIONS at 00h. 21 July 1963										OBSERVATIONS at 06h. 21 July 1963										OBSERVATIONS during NIGHT					CONVECTIVE TAR °C t
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Kew	775				16					775	51005	33051	27114	56400	11805	85710			775	00130	06	+		+		40	
London Airport	772	70811	59011	28015	754//	12209	83716	87619		772	00406	48021	27013	00900	10804			772	00120	07	+		+		39		
Gatwick	776	20505	59015	27913	25600	12006	82630			776	40802	37100	27010	46200	09705	84703			776	97081	03	id _o		+		38	
Thorney Island	871	00803	58106	27514	00900	13202				871	10502	82020	26411	00901	08706	81070			871	00110	08	+		+		37	
Hurn	862	30502	56011	26716	35600	15002	83645			862	60506	62011	25815	65600	12805	86632			862	00140	10	+		+		36	
Guernsey	894	00808	50051	25614	00900	13803				894	60810	05464	24314	66040	14708	86700			894	00130	12	ff		ffff		35	
Wattisham	590	00709	60020	28811	00900	11004				590	70806	58031	27711	764//	11805	87710			590	00090	07	+		+		34	
Gorleston	497	10610	64020	29613	11500	11002	81824			497	61110	64011	28514	65500	12704	86629			497	00130	09	+		+		33	
Mildenhall	578	01001	66020	28611	00900	10104				578	10000	48284	27809	15500	08804	81705			578	97060	03	ff		ffff		32	
Cardington	559	01206	61020	28611	00900	10112				559	00000	57020	27711	00900	09804			559	00080	07	+		+		31		
West Raynham	485	01208	74020	29009	00900	09002				485	01206	23404	28410	00900	09603			485	97071	50	+		if		30		
Wittering	462	01402	69020	28712	00900	10007				462	40000	05424	28009	46000	09805	84701			462	00080	02	+		fffff		29	
Boscombe Down	746	71703	58031	27015	756//	14001	87635			746																	

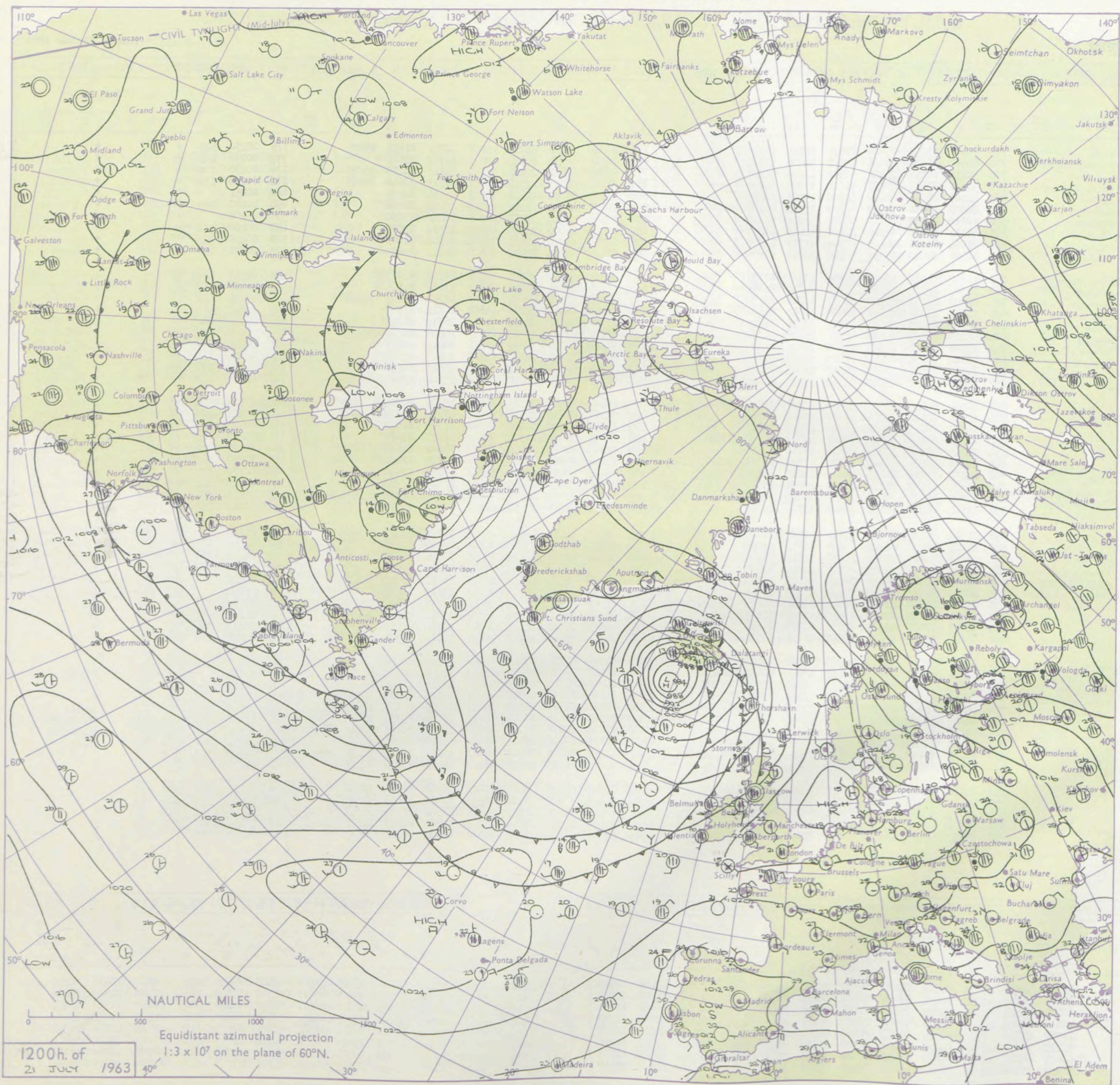
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37132

Date of Issue Monday 22 July 1963

Code FM 11.A		OBSERVATIONS at 12h. 21 July 1963										OBSERVATIONS at 18h. 21 July 1963										OBSERVATIONS during DAY					
STATION	ELEVATION ft																										
		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	T _d T _d app	SSS	WEATHER	

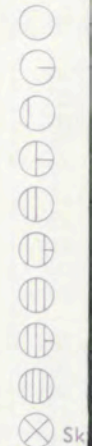
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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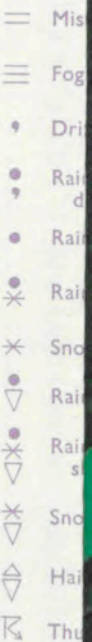
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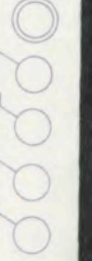
WEA

Symbol



W

Symbol



For each
half-feet
5 knots

CHARTS OF WEATHER IN WEST EUROPE

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mbols

DUD
Cloud
Amount
(oktas)

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

Obscured

ATHER
Weather

izzle
and
rizzle

and snow

W

shower

and snow
shower

W shower

shower

nderstorm

IND

Wind
speed
(knots)

Calm

1-2

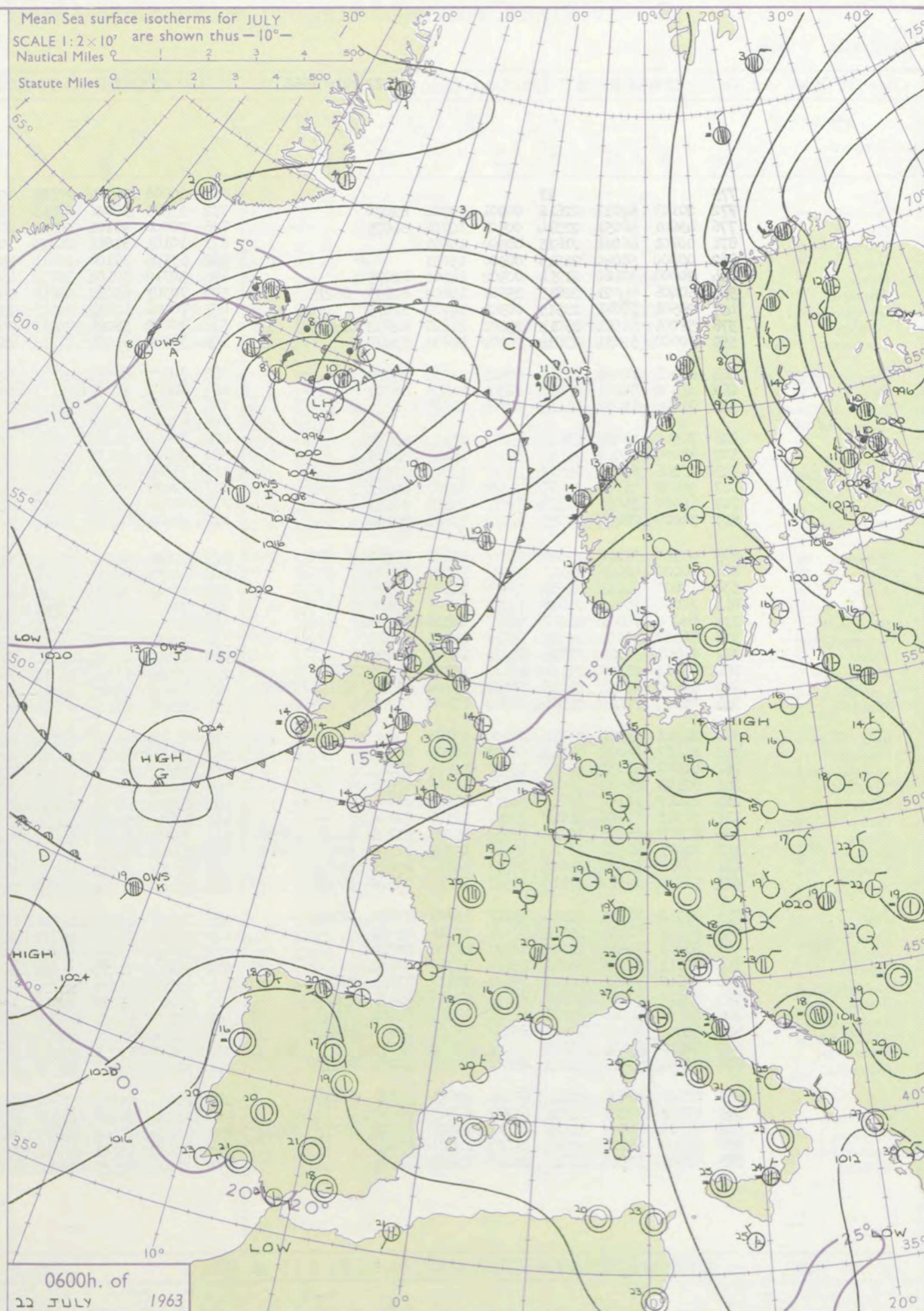
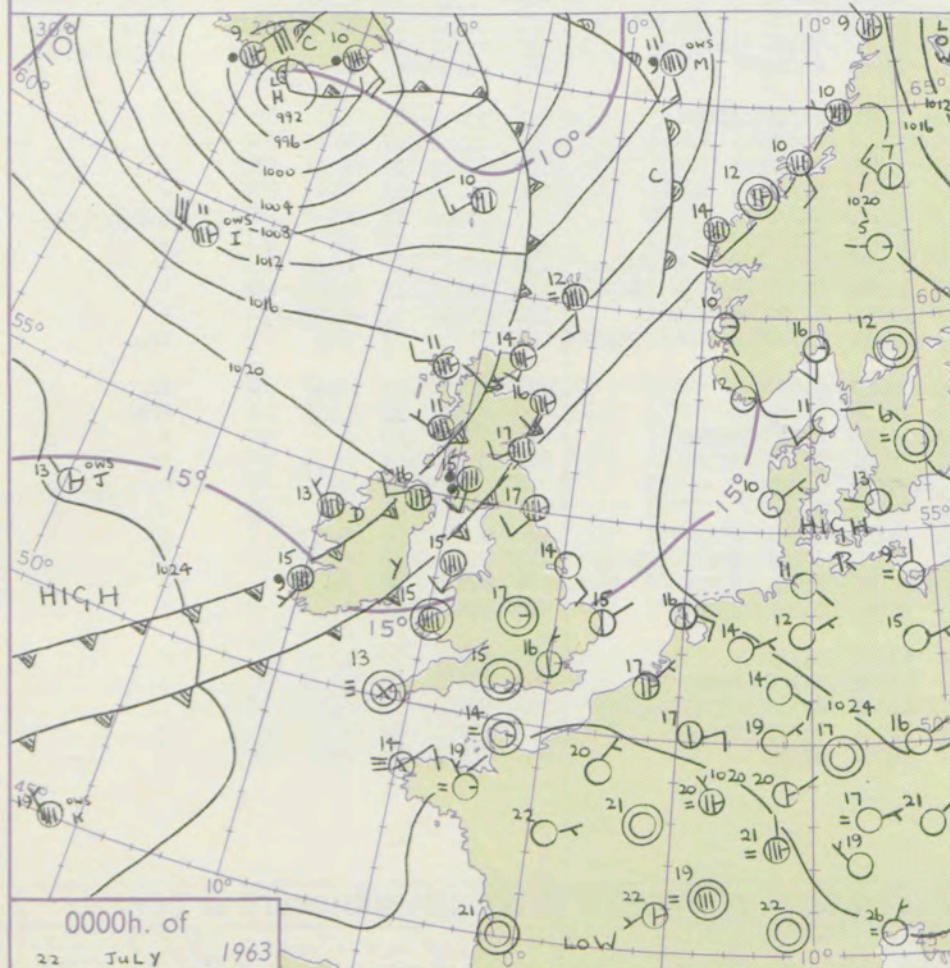
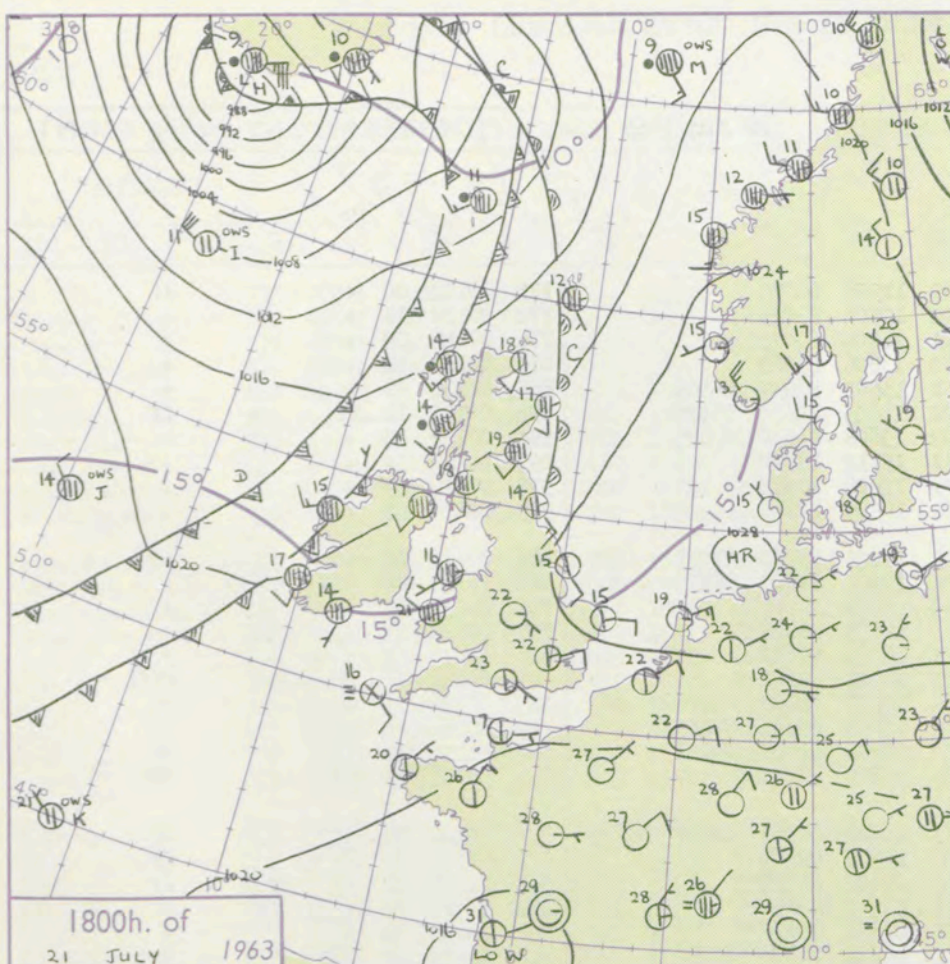
3-7

8-12

13-17

additional
er add

48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 22 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The deep depression south of Iceland has been slow moving during the past 24 hours but will become transferred to the northeast. The anticyclone has weakened on moving east to the Baltic and will now turn southeast towards West Russia. A weak trough which has moved southeast into Scotland and Northern Ireland will make only slow progress southwards over England and Wales. A weak ridge over the eastern Atlantic will extend into northwestern parts of the British Isles.

Scotland and Northern Ireland will have sunny periods and scattered showers. Southeast England will have sunny periods but there may be isolated thunderstorms. Northern England and Wales will have occasional rain followed by brighter weather. Eastern England, the Midlands and southwest England will be rather cloudy with occasional rain in places later.

OUTLOOK for following 24 hours.

Mostly dry with sunny periods and near average temperatures, but there may be some thundery outbreaks in southeast England at first.

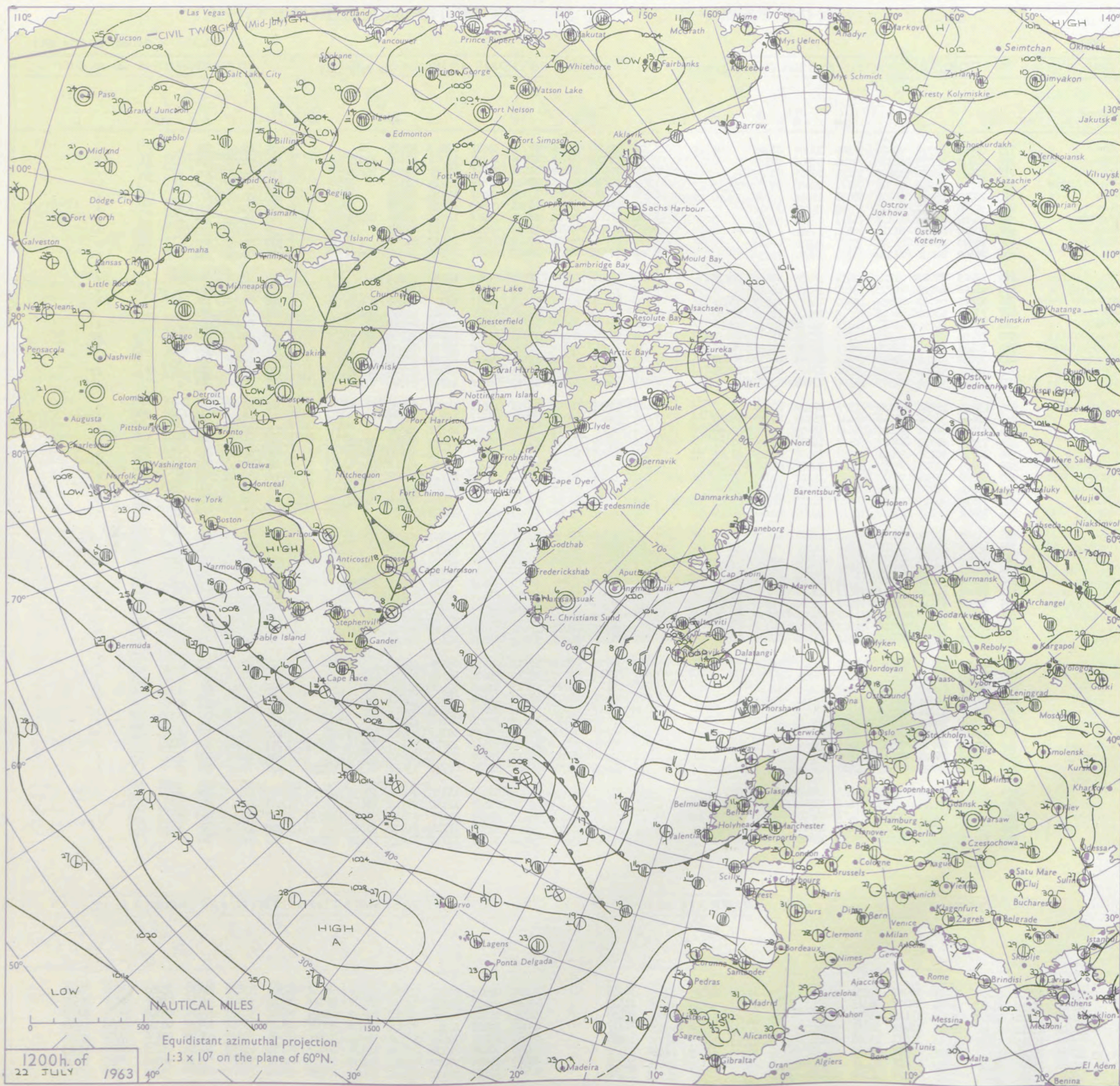
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37133

Date of Issue Tuesday 23 July 1963

Code FM 11.A		OBSERVATIONS at 12h. 22 July 1963										OBSERVATIONS at 18h. 22 July 1963										OBSERVATIONS during DAY			
Station	i	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	i	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	i	RRT	T _e	S _{ss}	WEATHER		
																							09h.—15h.	15h.—21h.	
Kew	775	33504	60050	20224	31500	13706	83825			775	73506	57051	17725	58681	13614	83835			775	00260	104	+	+		
London Airport	772	23407	58030	20125	21600	11706	82830			772	33207	57011	17626	18601	14711	81840	83075		772	00270	118	+	+		
Gatwick	776	13603	58050	19825	11631	16705	81835			776	70906	58050	17624	78611	17715	81847	85656		776	00270	101	+	+		
Thorney Island	871	70106	59031	20325	78611	15400	81830	87650		871	30105	58051	17625	28601	15712	81835			871	00270	105	+	+		
Hurn	862	70705	65052	20024	38631	16601	82830	83656	86075	862	13305	60051	17825	18601	16710	81835			862	00260	111	+	+		
Guernsey	894	30209	50051	19722	22602	16801	82840			894	10208	56051	18321	00902	14609	81075			894	00230	123	+	+		
Wattisham	590	70206	70052	20122	71611	17704	87840			590	71208	62022	18521	78511	14507	83825	86645		590	00240	111	+	+		
Gorleston	497	70209	60032	21118	60931	15201	86362			497	20504	60011	19218	00905	15613	82275			497	00180	081	+	+		
Mildenhall	578	70000	69012	20421	75711	15805	87650			578	10000	59011	18224	11600	16612	81840			578	00240	037	+	+		
Cardington	559	20302	62030	21024	21600	14607	82830			559	70702	62031	18023	68661	17712	84839	83656		559	00250	078	+	+		
West Raynham	485	50703	80012	20222	12631	15703	81830	84075		485	10505	74021	18322	11600	12710	81835			485	00230	072	+	+		
Wittering	462	43403	62031	20223	41600	14707	84835			462	73507	59031	18523	75711	15509	87650			462	00250	079	+	+		
Boscombe Down	746	53603	66021	20624	58600	14803	83830	83645		746	50102	62021	18223	58611	16710	81830	85650		746						

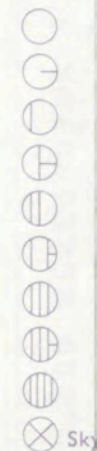
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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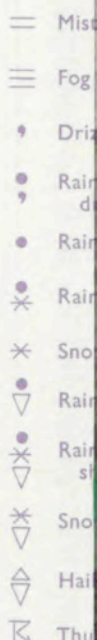
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Symbol



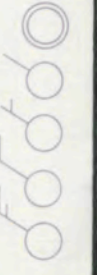
WEA

Symbol



W

Symbol



For each
half-feet
5 knots

CHARTS OF WEATHER IN WEST EUROPE

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Cloud
Amount
(oktas)

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Wind
speed
(knots)

Calm

1-2

3-7

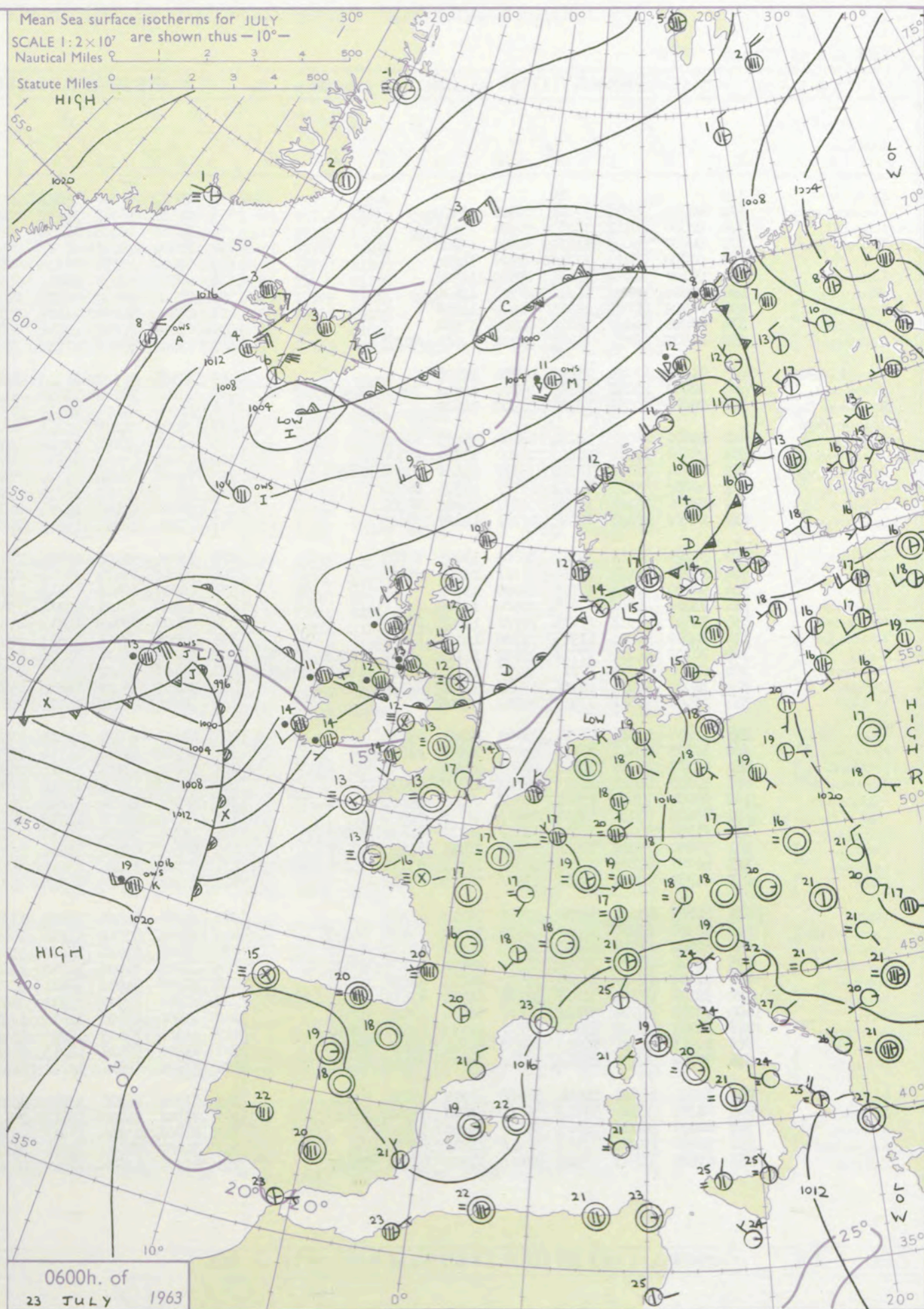
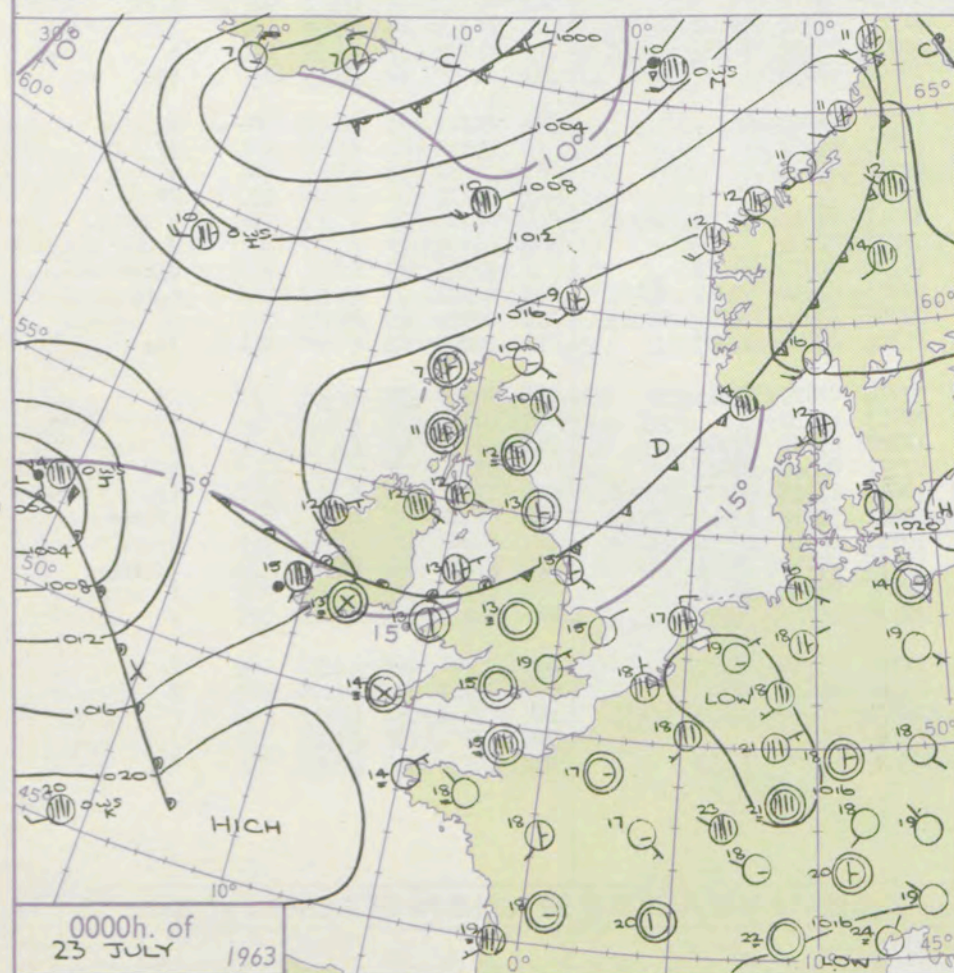
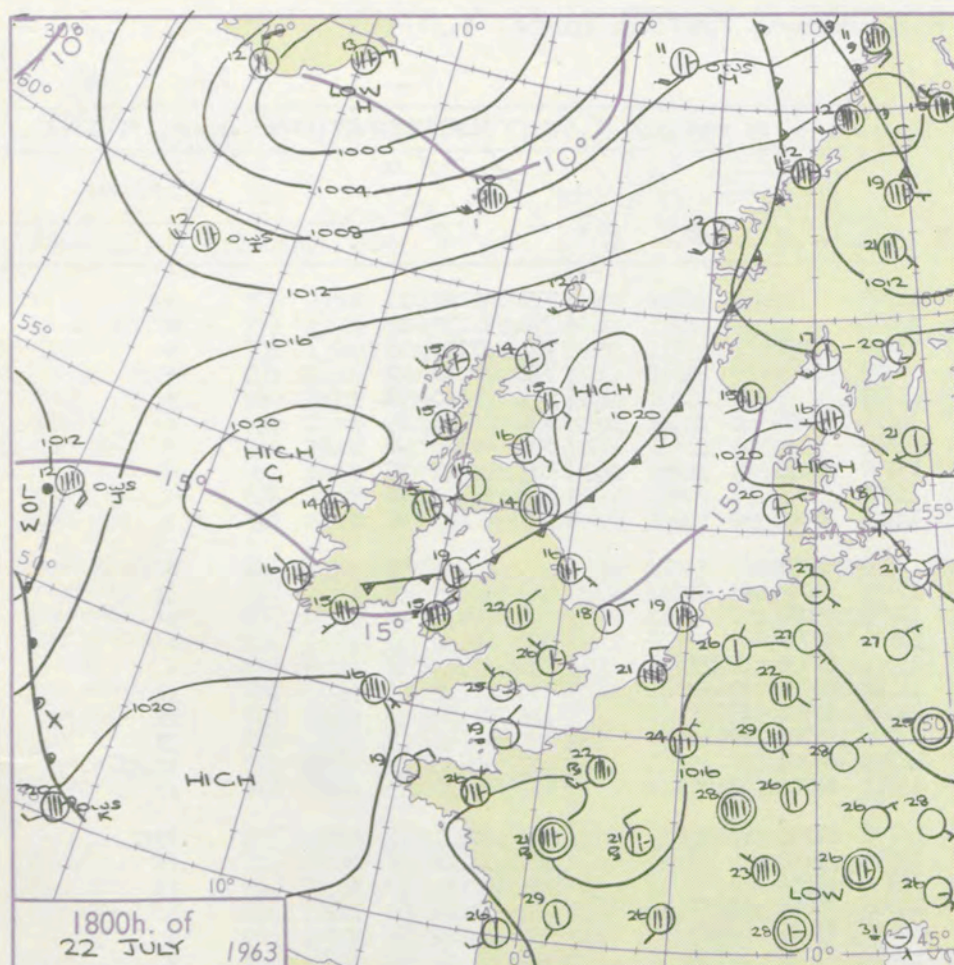
8-12

13-17

additional

er add

48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 23 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The anticyclone over eastern Europe has continued to weaken and is moving slowly southeast whilst the depression which moved to northeast of Iceland has filled a little and will move to north of Norway. A depression which has been accelerating with gradual deepening towards Ship Juliett is expected to deepen further and turn towards north Scotland. Associated troughs will affect most districts of the British Isles.

Rain over Northern Ireland and parts of Wales will spread quickly northeast across Scotland and northern England. Showery weather will follow later to the western areas. The Midlands and southern and eastern England will be dry for a time, but occasional rain will spread to most places later. Temperatures will be near average.

OUTLOOK for following 24 hours

Showers and sunny intervals extending to most areas, the showers being chiefly in the north and west. Temperatures near or rather below average.

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

Code FM 11.A OBSERVATIONS at 00h. 23 July 1963												OBSERVATIONS at 06h. 23 July 1963										OBSERVATIONS during NIGHT												CONVE TAR °C to
Station	ill	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwwW	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT _n T _n E	TgTg	WEATHER		21h.—03h.	03h.—09h.									
Kew	775			18						775	00000	48050	15917	00900	14705				775	00150	11	+		+									40	
London Airport	772	00705	59020	17719	00900	13805				772	01505	36041	15917	00900	13610				772	00170	13	+		+									39	
Gatwick	776	00000	20121	18214	00900	13605				776	10000	17114	16713	00901	13606	81070			776	97110	09	+		+									38	
Thorney Island	871	00000	59020	18115	00900	13804				871	10000	61020	16313	00901	11608	81075			871	00110	10	+		+									37	
Hurn	862	00000	60020	17715	00900	14604				862	00000	17110	15813	00900	13707				862	00110	08	+		+									36	
Guernsey	894	00106	56050	18416	00900	14706				894	60704	57051	15918	65811	14614	86657			894	00150	13	+		+									35	
Wattisham	590	00000	56021	18216	00900	12806				590	01504	59010	16314	00900	12809				590	00100	09	+		+									34	
Gorleston	497	00502	60020	18315	00900	14708				497	13202	56050	16414	00901	13709	81075			497	00140	13	+		+									33	
Mildenhall	578	00000	56020	18115	00900	13502				578	01402	62010	15915	00900	12712				578	00130	10	+		+									32	
Cardington	559	41902	40051	17913	00902	12604	84075			559	71902	37051	16115	75612	13505	87640			559	00120	10	+		+									31	
West Raynham	485	01506	62020	18013	00900	12708				485	11506	69020	16114	00901	12712	81075			485	0012														

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

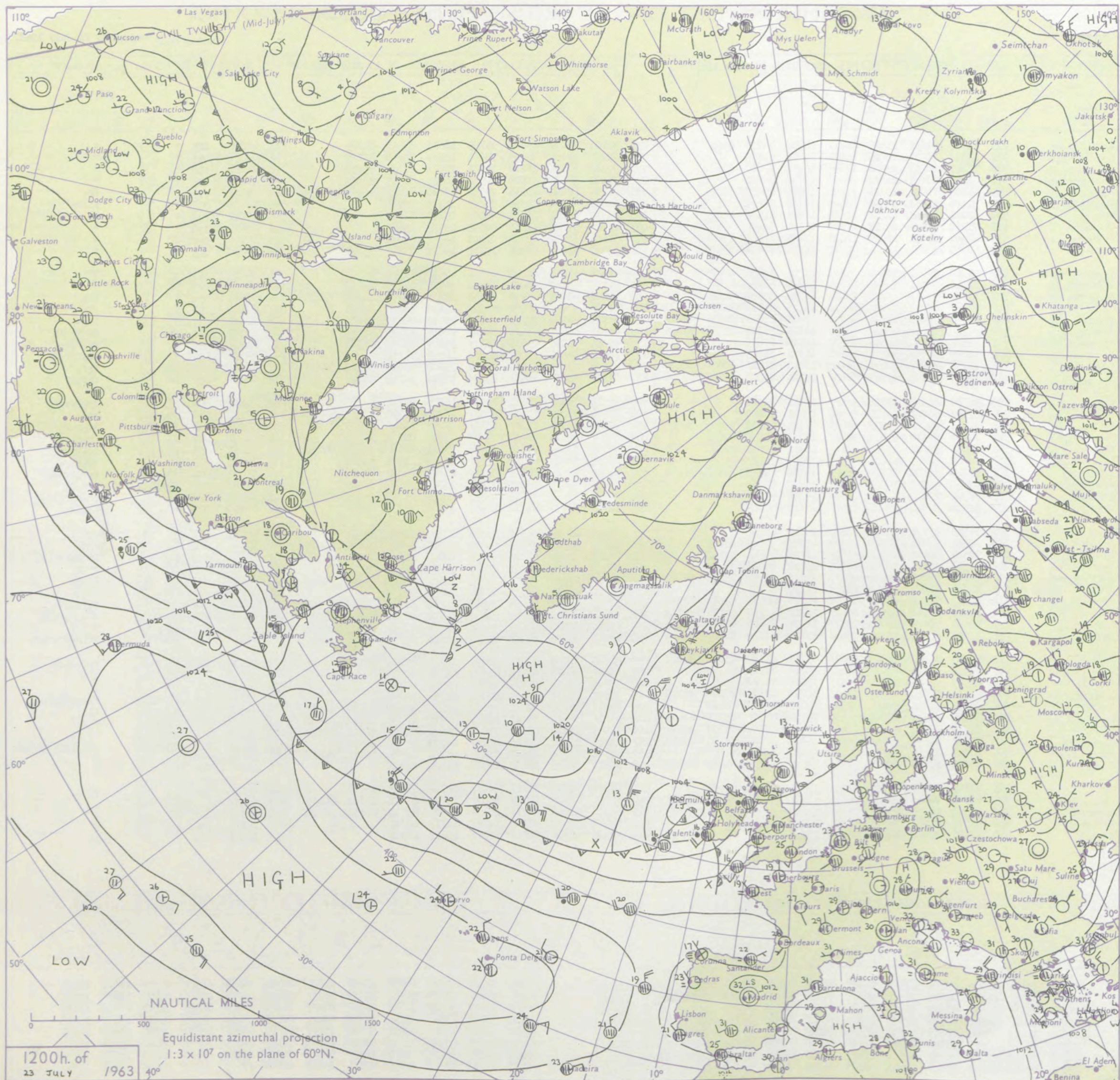
No. 37134

Date of Issue Wednesday 24 July 1963

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Code FM II.A		OBSERVATIONS at 12h. 23 July 1963								OBSERVATIONS at 18h. 23 July 1963								OBSERVATIONS during DAY					
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _s 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 _s M _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x E	SSS	WEATHER	
																						09h.—15h.	15h.—21h.
Kew	775	61807	64031	13425	686//	16814	84835	83650		775	72108	58052	09525	35755	16615	83650	84365		775	00270	103	+	+
London Airport	772	41910	59031	13625	42601	15716	84835			772	71911	59021	09425	38631	15616	82840	85075		772	00270	093	+	+
Gatwick	776	71807	60051	13924	11606	15712	81840	87080		776	52207	58051	10123	10931	17614	81366	85072		776	00260	116	+	+
Thorney Island	871	71704	61031	14322	00902	15812	87076			871	71902	56051	10919	10932	16716	81365	87075		871	00240	103	+	+
Hurn	862	61606	74031	13822	00901	15715	82072	86078		862	71805	48052	10918	25651	15614	82645	84365	85075	862	97221	///	+	ir _o
Guernsey	894	51406	50051	14022	00905	15709	85075			894	82812	03464	11916	860//	15708	88700			894	97230	093	+	ffid _o
Wattisham	590	62008	63031	14223	15606	14711	81640	86072		590	51310	63022	10321	00902	09618	85072			590	00240	///	+	+
Gorleston	497	21203	32050	15717	00901	15707	82075			497	21615	60020	11617	00901	13725	82075			497	00170	130	+	+
Mildenhall	578	41804	61011	13425	11631	15714	81845	83075		578	31608	66031	09323	00901	13717	83075			578	00260	099	+	+
Cardington	559	62009	58051	13424	42702	15715	84850	84070		559	52109	58051	08924	12731	15616	81850	85070		559	00270	045	+	+
West Raynham	485	51810	69031	13424	21601	15713	82832	85075		485	51517	61031	09221	00901	14620	85075			485	00250	107	+	+
Wittering	462	51810	56051	13323	58600	16714	84832			462	52109	58052	09023	48630	16718	81835	84650						

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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CHARTS OF WEATHER IN WEST EUROPE

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(oktas)

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Weather

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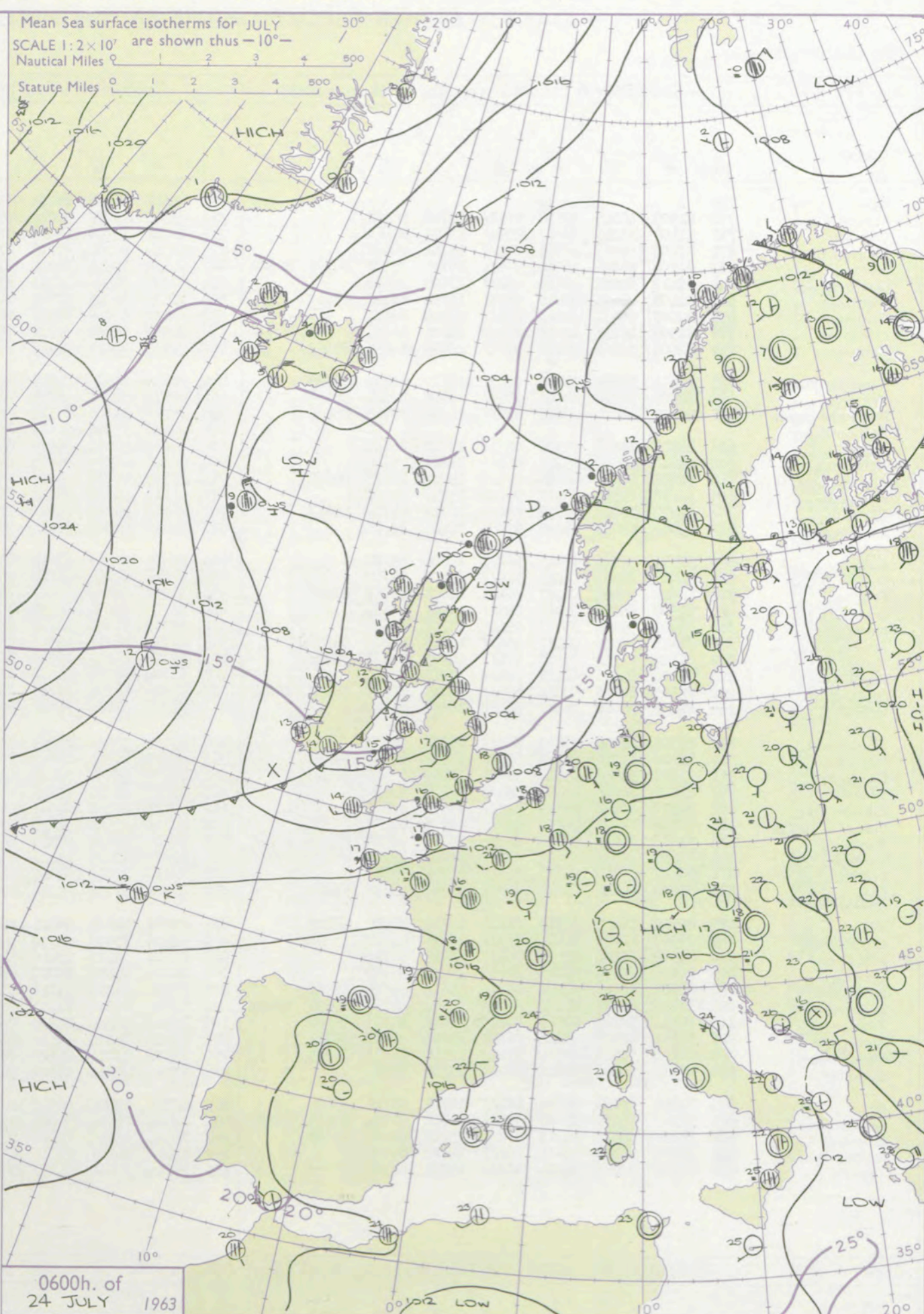
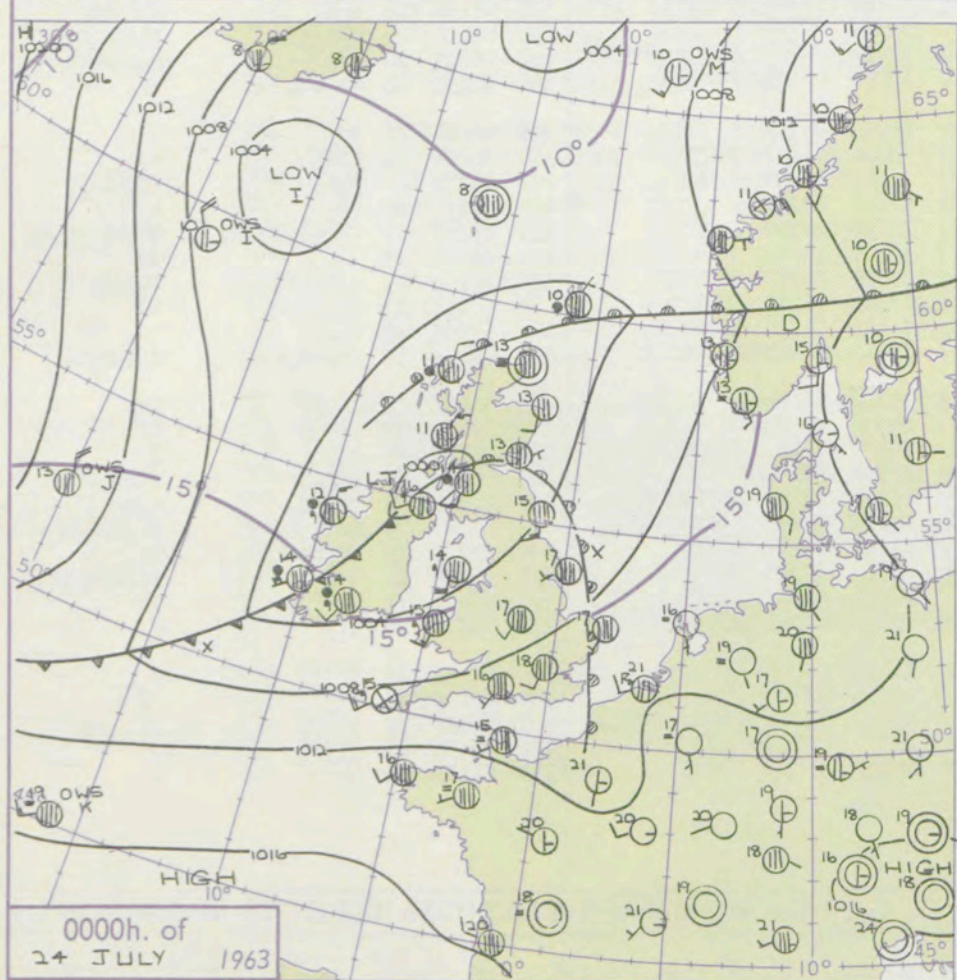
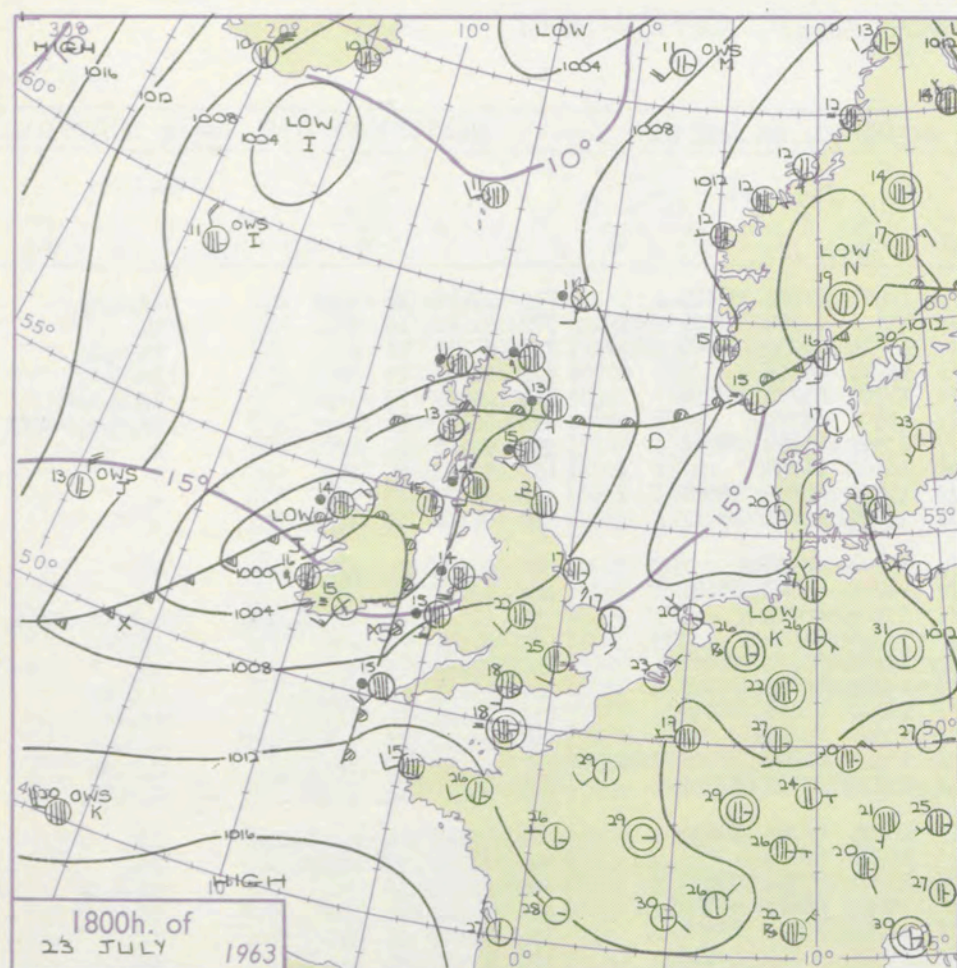
w shower
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IND
Wind
speed
(knots)

Calm
1-2
3-7
8-12
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48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 24 July 1963

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Cloudy weather over Britain with outbreaks of rain will be replaced gradually from the west by sunny intervals and scattered light showers now over Ireland. This change will be delayed until tomorrow in southeastern England. Cooler generally.

The small depression near Weather Ship "J" yesterday has moved northeast across Ireland and Scotland with little change of central pressure. It will proceed to Scandinavia and its associated cold front near the east coast of Ireland will clear all districts slowly from the west as a weak wave north of Ship "K" transfers east over Biscay. Northwesterlies will become established over the British Isles on the east flank of the Atlantic anticyclone.

OUTLOOK for following 24 hours. Mainly dry with sunny periods and temperatures near average.

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

Code FM II.A		OBSERVATIONS at 00h. 24 July 1963										OBSERVATIONS at 06h. 24 July 1963										OBSERVATIONS during NIGHT					CONVE TAE °C								
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	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 _n T _n E	T _g T _g	WEATHER				
																															21h.—03h.	03h.—09h.			
Kew	775				19					775	82111	63506	08017	87311	15604	87709	88715		775	97170	16	igr													40
London Airport	772	81909	48026	09118	80971	16706	88458			772	81916	59055	08016	86311	15606	81704	83706	88710	772	92160	16	ir												39	
Gatwick	776	82108	37216	09817	80921	15705	88160			776	82211	35506	08915	87211	15704	82703	87704	88707	776	96151	12	ir												38	
Thorney Island	871	82408	58216	10815	87211	15201	88706			871	82309	48205	09416	87211	15704	88705			871	96151	15	ir											37		
Hurn	862	82107	56026	10716	85511	15701	83707	84709	88622	862	82112	35516	08916	87111	15708	85702	88706		862	02151	15	ir											36		
Guernsey	894	62112	64022	12414	65411	13606	86616			894	81914	01506	10715	87011	15806	88700			894	02141	14	+											35		
Wattisham	590	82108	48626	08816	80971	15711	86358	88462		590	72113	40026	07116	70971	15707	83358	87360		590	92150	14	ir											34		
Gorleston	497	82007	64031	09617	85611	13709	88630			497	62112	48056	07918	60970	16602	86358			497	92160	15	ir											33		
Mildenhall	578	81906	48216	08218	80921	16605	88458			578	820																								

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37135

Date of Issue Thursday 25 July 1963

Code FM 11.A		OBSERVATIONS at 12h. 24 July 1963										OBSERVATIONS at 18h. 24 July 1963										OBSERVATIONS during DAY			
Station	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR _T T _E	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Kew	775	72318	82015	07119	75511	15600	85709	87625		775	72316	66808	08818	58431	14310	83818	84620	86359	775	97200	015	dodo	proiro		
London Airport	772	72020	69015	07219	75511	15501	85714	87620		772	72017	62258	08519	88411	14307	81818	87822	88630	772	97210	017	dodoiro	proiro		
Gatwick	776	72220	59205	08218	65411	17704	81704	86708	86612	776	72212	59032	09817	85411	14210	84710	88612		776	93191	020	dodooro	iro		
Thorney Island	871	82315	67205	08917	86211	16302	81704	87706	88709	871	82513	69606	10516	57371	15307	82708	84714	88362	871	96182	002	ido	irooro		
Hurn	862	82314	74016	08617	85411	14304	82708	86610	88616	862	72409	62216	10516	25571	15211	82710	84359	87460	862	92181	111	ido	iroiro		
Guernsey	894	82317	03466	11115	86011	15307	88700			894	82615	23596	12314	86011	14400	88701			894	11161	000	dodoFFff	dodooffrrrrrrro		
Wattisham	590	72015	61205	06618	76411	16704	87710			590	72118	64036	07119	45531	14310	84625	86358		590	97210	111	idoiro	iro		
Gorleston	497	82015	58606	07420	85411	17400	88618			497	62312	60036	06821	68441	15703	82818	83625		497	97230	035	iroido	+		
Mildenhall	578	81914	62026	05819	85611	16604	86711	88630		578	62313	69258	06621	38630	14214	81830	85360		578	97230	017	iro	proiro		
Cardington	559	72218	64022	05321	75611	16706	85712	87630		559	62417	62018	07319	38531	13313	81825	83								

This is a detailed weather map of the Northern Hemisphere, showing pressure systems, fronts, and wind patterns. The map includes major cities, geographical features, and a scale bar at the bottom left.

Pressure Systems:

- High Pressure Systems (H):** Located over the North Atlantic, the Arctic region, and the Mediterranean/Black Sea area.
- Low Pressure Systems (L):** Located over the North Atlantic, the Arctic region, and the Mediterranean/Black Sea area.

Fronts: Indicated by lines with various symbols (triangles, semicircles, crosses, and dots) representing different types of fronts (cold, warm, occluded, and stationary).

Wind Patterns: Indicated by arrows showing the direction and speed of the wind. Wind speed is often represented by the number of barbs on the wind arrow.

Geographical Features: The map shows the outlines of continents and major bodies of water, including the Arctic Ocean, North Atlantic, and the Mediterranean/Black Sea region.

Scale and Projection:

- Scale:** A scale bar at the bottom left indicates distances in nautical miles (0 to 1500).
- Projection:** The map uses an equidistant azimuthal projection, with a scale of 1:3 x 10⁷ on the plane of 60°N.

Time and Date: The map is dated 1200h of 24 JULY 1963.

CLO

Symbol Δ

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Mainly dry in the south, probably some rain spreading to parts of north but chiefly in the northwest.

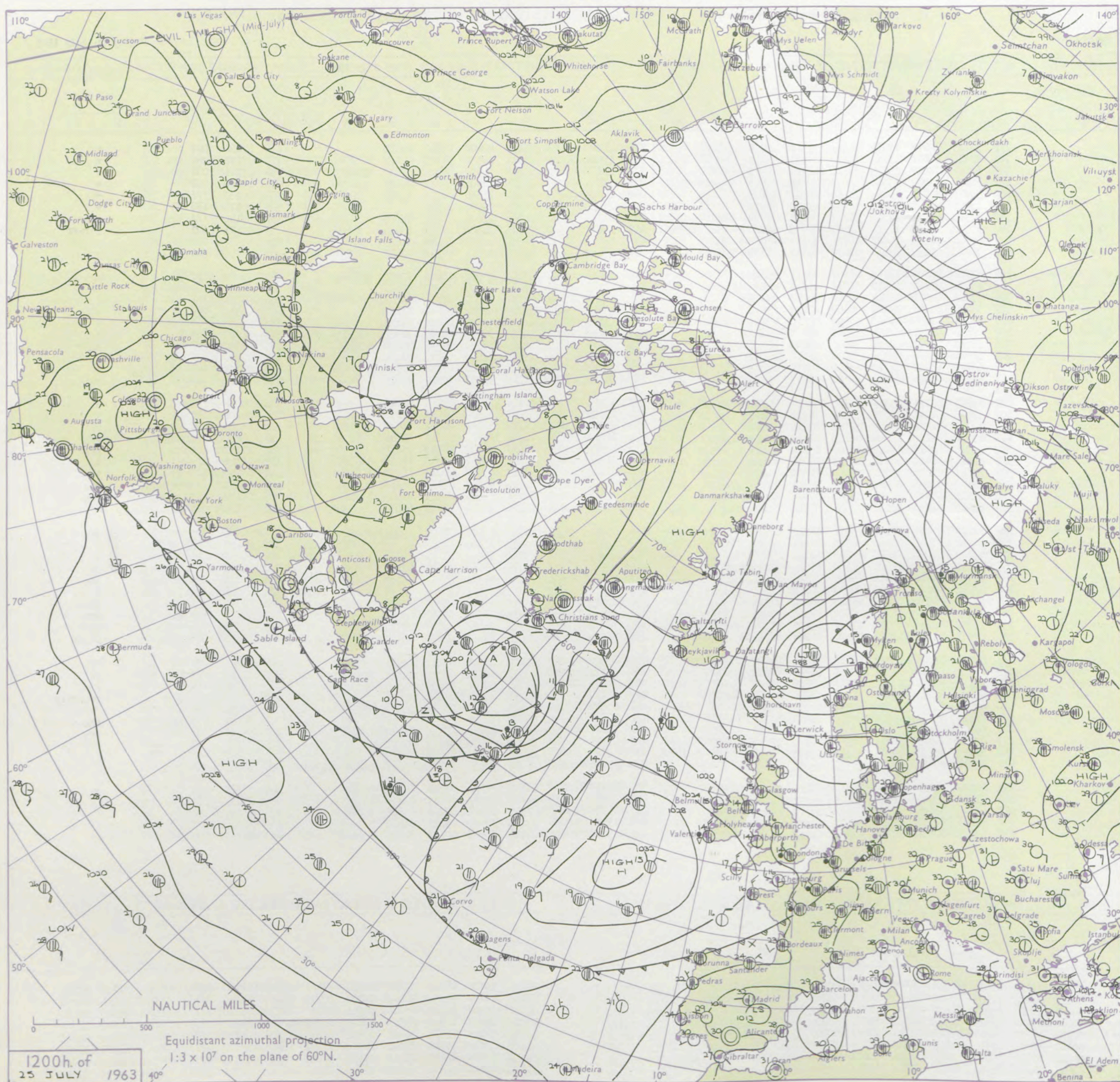
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37135

Date of Issue Friday 26 July 1963

Code FM II.A		OBSERVATIONS at 12h. 25 July 1963										OBSERVATIONS at 18h. 25 July 1963										OBSERVATIONS during DAY			
Station	iii	Nddff	VVwww	PPPTT	NChC _M CH	Td app	8N _S Ch _S h _S	8N _S Ch _S h _S	8N _S Ch _S h _S	iii	Nddff	VVwww	PPPTT	NChC _M CH	Td 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	73315	82802	19314	78411	09318	84818	86630		775	43307	85028	21419	42600	07310	84835			775	97190	090	pro	+		
London Airport	772	83115	80602	19114	88611	09316	83830	87656		772	33110	82026	21418	28530	07309	82828			772	97190	086	iro	+		
Gatwick	776	62506	70022	18419	68500	10208	85827	83656		776	53107	80018	21518	54600	08211	82830	83645		776	97201	086	pro	+		
Thorney Island	871	72804	82032	19219	68631	12310	84843	83656	85362	871	33109	82011	22119	28601	09213	81835			871	00200	099	+	+		
Hurn	862	53013	82031	19618	51500	08211	85828			862	23012	82021	22617	21540	09312	82828			862	00200	111	+	+		
Guernsey	894	13015	84020	22115	11430	09119	81815			894	03212	83020	24815	00900	10210				894	00171	138	+	+		
Wattisham	590	73310	80031	17817	78611	08111	82830	86650		590	22907	74038	20515	22600	09207	82840			590	97180	111	pro	pro		

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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CHARTS OF WEATHER IN WEST EUROPE

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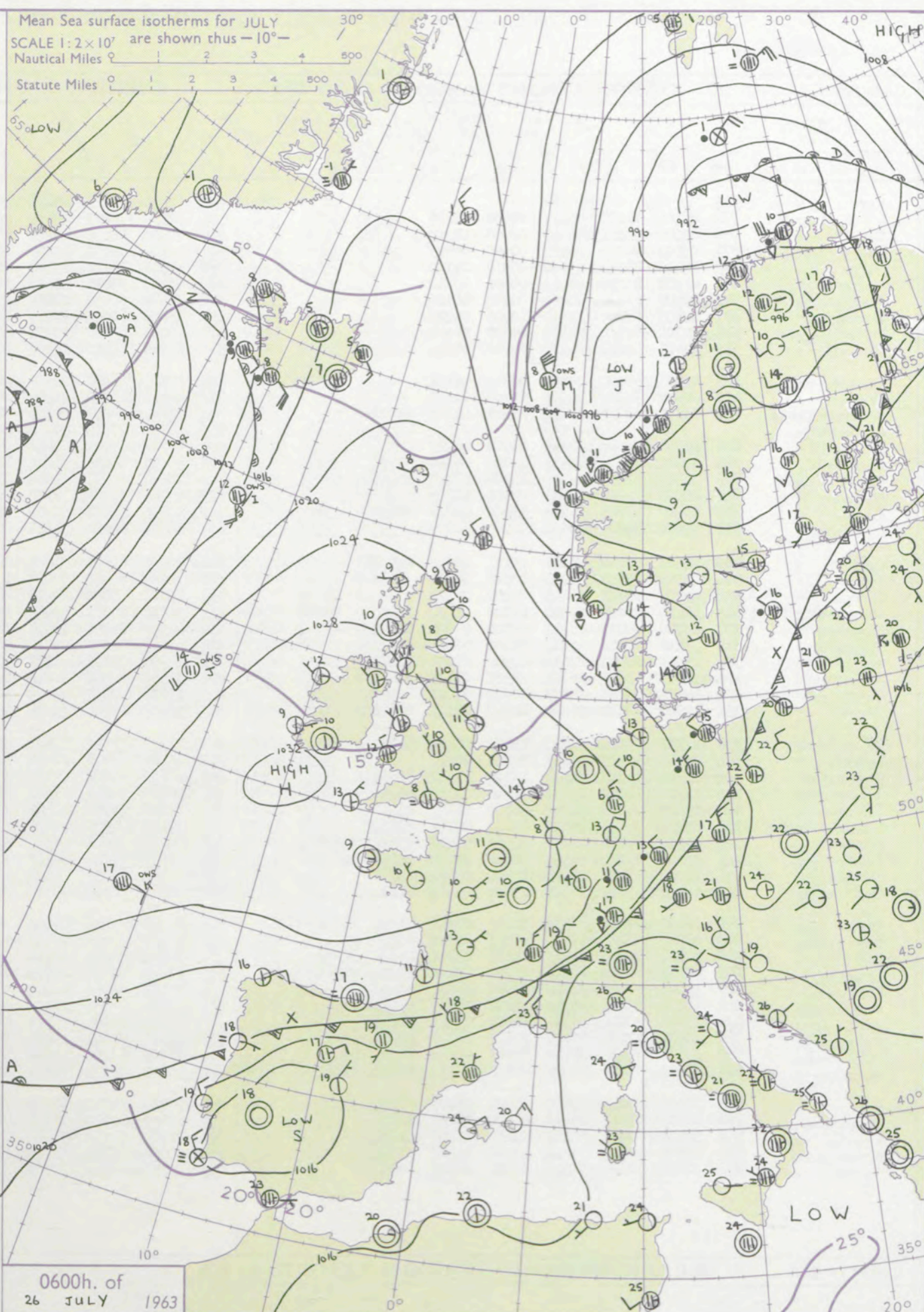
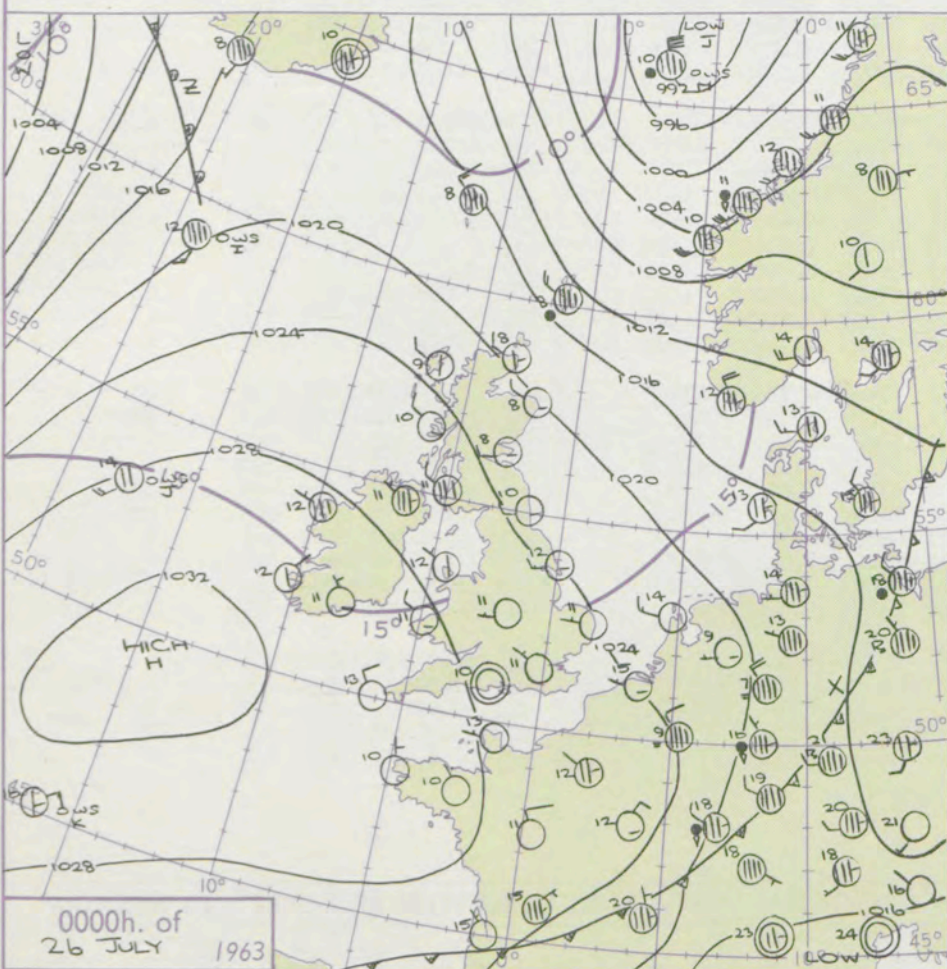
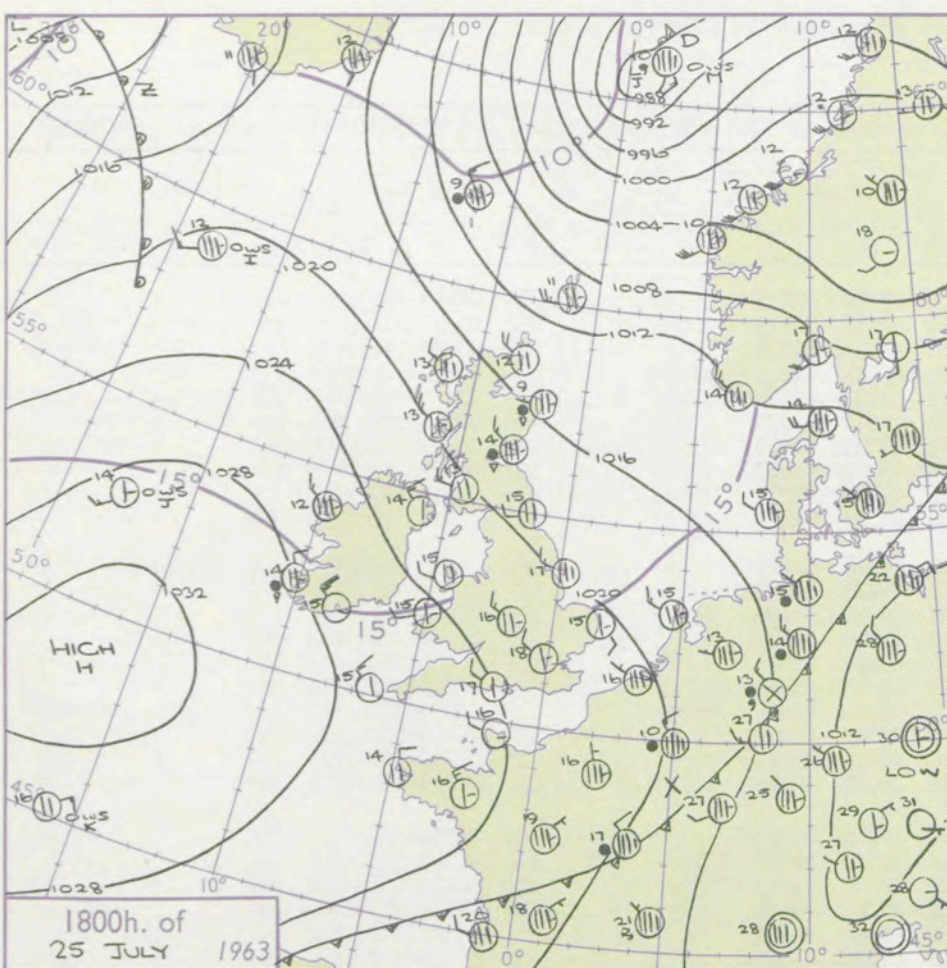
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 25 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

An anticyclone which has been advancing eastnortheast from the Atlantic will move over the British Isles and a ridge of high pressure will advance to the Norwegian Sea. A depression will continue to move eastwards well to the south of Greenland and remain a deep feature with the associated fronts only making slow progress across the Atlantic. The complex depression covering the north of Scandinavia is expected to fill as it moves away north-eastwards.

Over Scotland and Northern Ireland isolated showers will die out and there will be sunny periods everywhere. England and Wales will be generally dry with long sunny periods by day and mostly clear skies by night. Temperatures will be near or a little below average.

OUTLOOK for following 48 hours

Becoming more cloudy in the north with a little rain in places but mostly dry and sunny in England and Wales.

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

Code FM II.A		OBSERVATIONS at 00h. 26 July 1963										OBSERVATIONS at 06h. 26 July 1963										OBSERVATIONS during NIGHT				CONV TA °C
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n hE	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Kew	775				13					775	22701	60021	29412	25600	07218	82635				775	00100	03	+	+	40	
London Airport	772	03104	74010	26411	00900	08225				772	22805	74011	29610	00901	08215	82075				772	00090	05	+	+	39	
Gatwick	776	00000	74021	26408	00900	07220				776	22803	80020	29410	15731	08115	81656				776	00070	01	+	+	38	
Thorney Island	871	03502	80020	26911	00900	08221				871	40000	83021	29809	10932	09214	81365				871	00090	05	+	+	37	
Hurn	862	00000	83010	27310	00900	09120				862	43302	83110	29708	10942	07213	81368	84080			862	00060	03	+	+	36	
Guernsey	894	03308	83010	28412	00900	10218				894	20107	83020	30612	00902	11312	82075				894	00111	08	+	+	35	
Wattisham	590	02907	66020	25409	00900	06120				590	12907	60030	28809	15601	08219	81640				590	00060	01	+	+	34	
Gorleston	497	02805	62020	24511	00900	09229				497	13008	60020	27210	12500	08212	81823				497	00081	07	+	+	33	
Mildenhall	578	02704	62020	25409	00900	06222				578	12801	40050	28708	00901	07216	81075				578	00060	02	+	+	32	
Cardington	559	02605	62020	26406	00900	05224				559	12704	59110	29308	00902	08216	81070				559	00040	01	+	+	31	
West Raynham	485	02808	66020	24811	00900	08121				485	12806	59020	28510	18500	08218	81825				485	00070	03	+	+	30	
Wittering	462	02909	74020	25909	00900	07219				462	12907	66010	28909	00901	07217	81075										

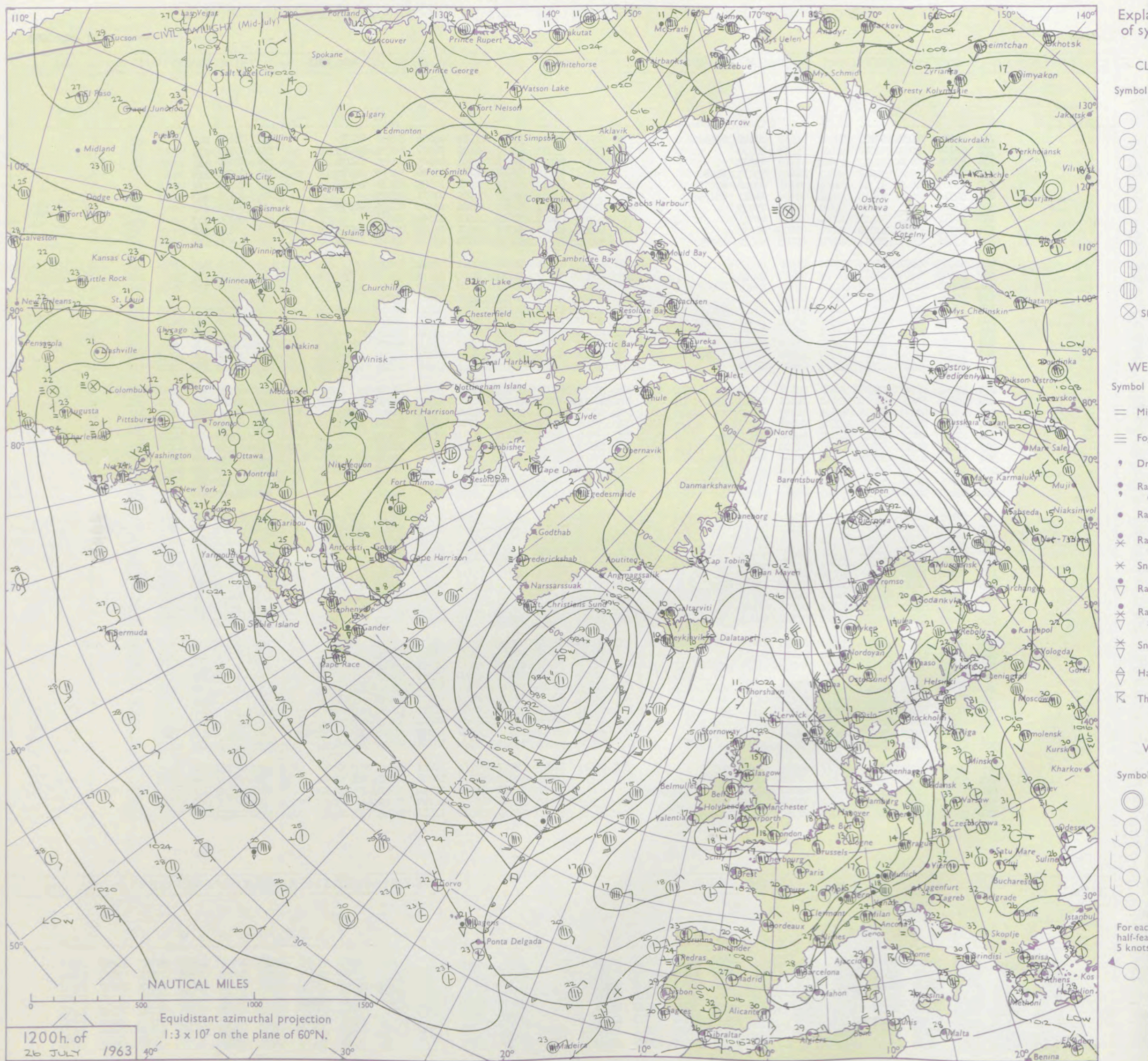
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37137

Date of Issue Saturday 27 July 1963

Code FM 11.A		OBSERVATIONS at 12h. 26 July 1963										OBSERVATIONS at 18h. 26 July 1963										OBSERVATIONS during DAY			
STATION	°F	iii	Nddff	VVwwwW	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s s	8N _s Ch _s s	8N _s Ch _s s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s s	8N _s Ch _s s	8N _s Ch _s s	iii	RR	T ₊ T ₋	SSS	WEATHER	
																								09h.—15h.	15h.—21h.
104 Kew	775	53006	78031	30917	58601	05102	82845	84656			775	50205	70412	30419	21601	04604	82840	83075		775	00200	144	+	+	
102 London Airport	772	63108	82031	31318	51601	06103	85630																		

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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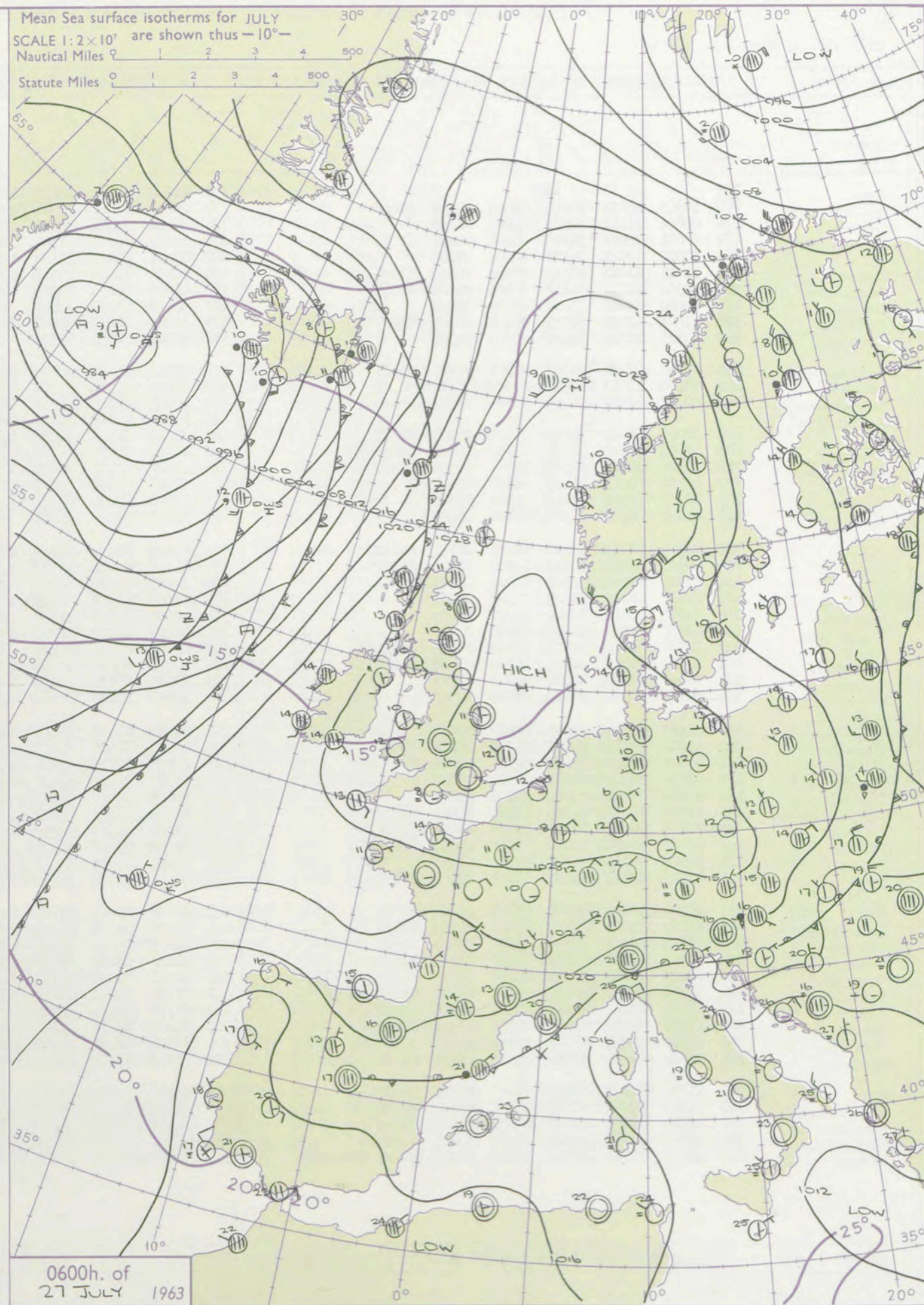
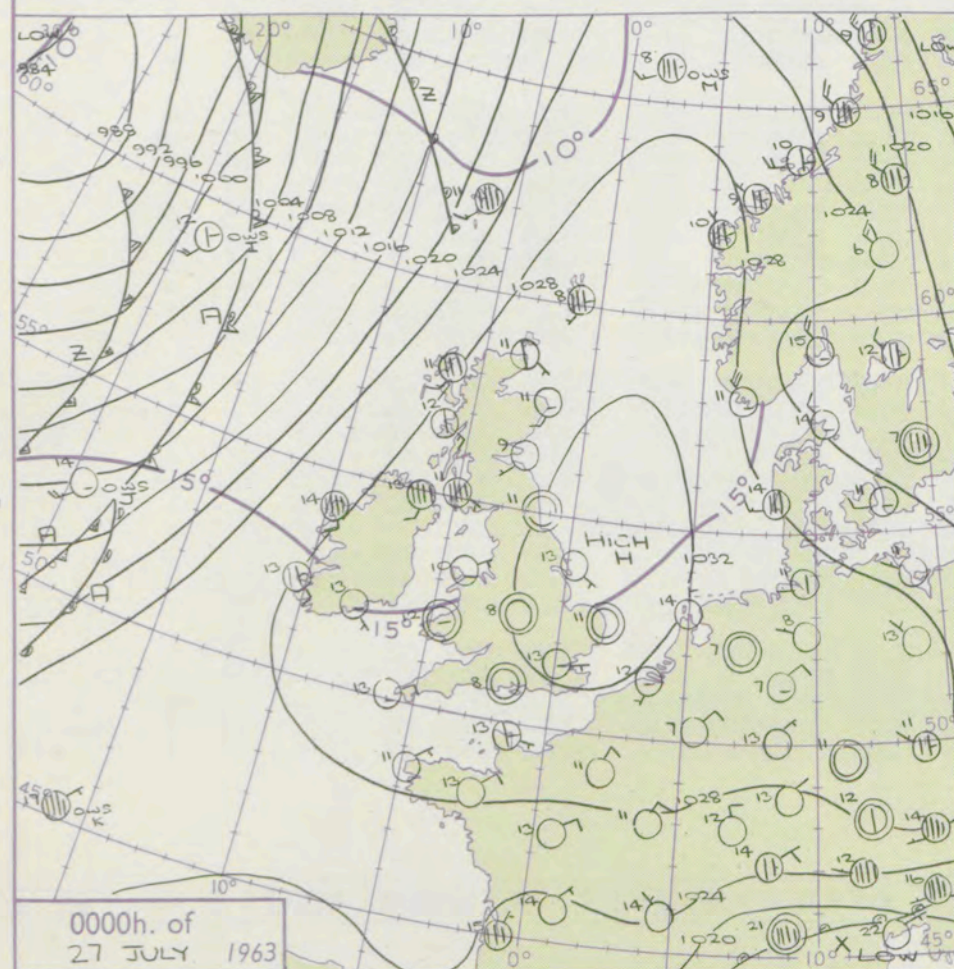
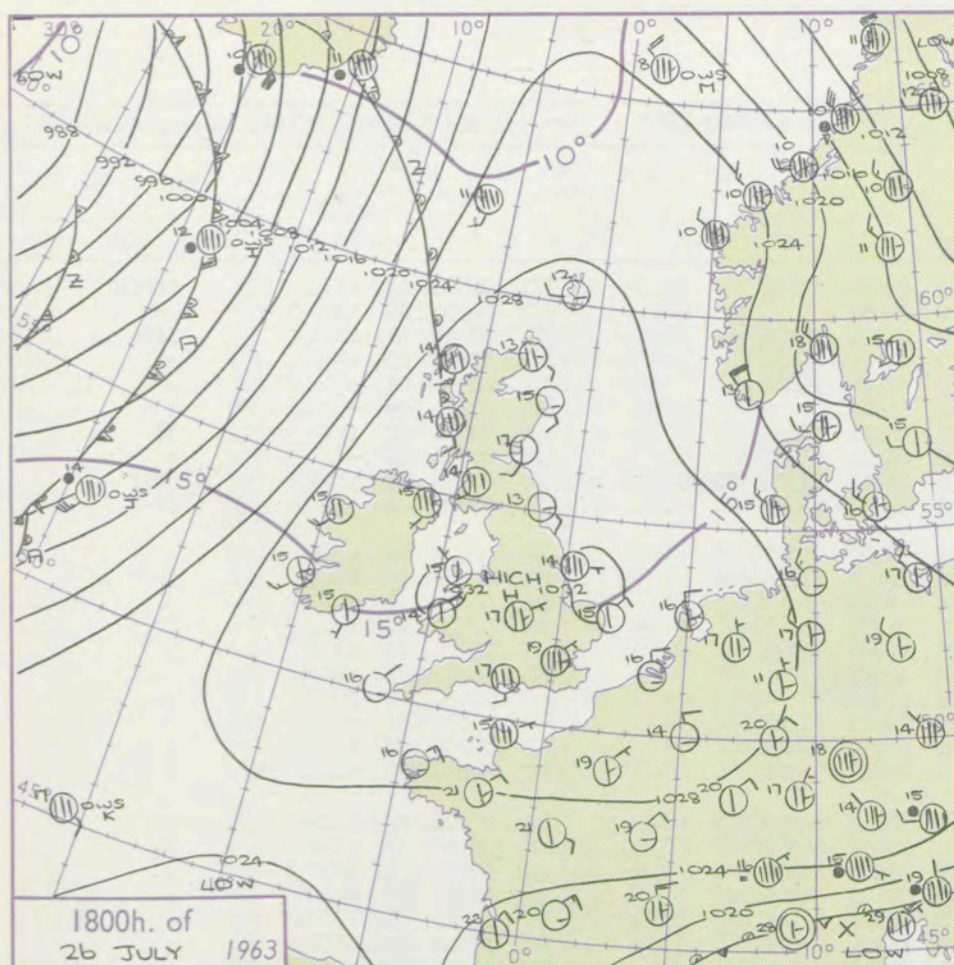
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additional
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48-52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday

Saturday 27 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

An anticyclone which has moved eastnortheast across the British Isles will slow down but a marked ridge of high pressure will advance eastwards into Scandinavia where a new high pressure cell may develop. The deep depression to the southeast of Greenland will continue to drift slowly eastwards and later become less deep. The associated frontal systems will continue to weaken as they move towards the northwest of the British Isles and will be followed by a ridge of high pressure.

Over Scotland and Northern Ireland it will become rather cloudy with a little rain or drizzle in places mostly in the northwest though there will be bright intervals in many parts. England and Wales will be dry with long sunny periods by day and some fog patches at night clearing quickly in the morning. Temperatures will be near average.

OUTLOOK for following 24 hours
Probably little change.

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

Code FM II.A OBSERVATIONS at 00h. 27 July 1963										OBSERVATIONS at 06h. 27 July 1963										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g g	WEATHER		CONVE TAE °C to
																						21h.—03h.	03h.—09h.	
Kew	775			13						775	10000	02414	32110	15630	09500	81635			775	00080	03	+	ffffif	40
London Airport	772	10905	59031	32213	15600	09110	81640			772	00000													

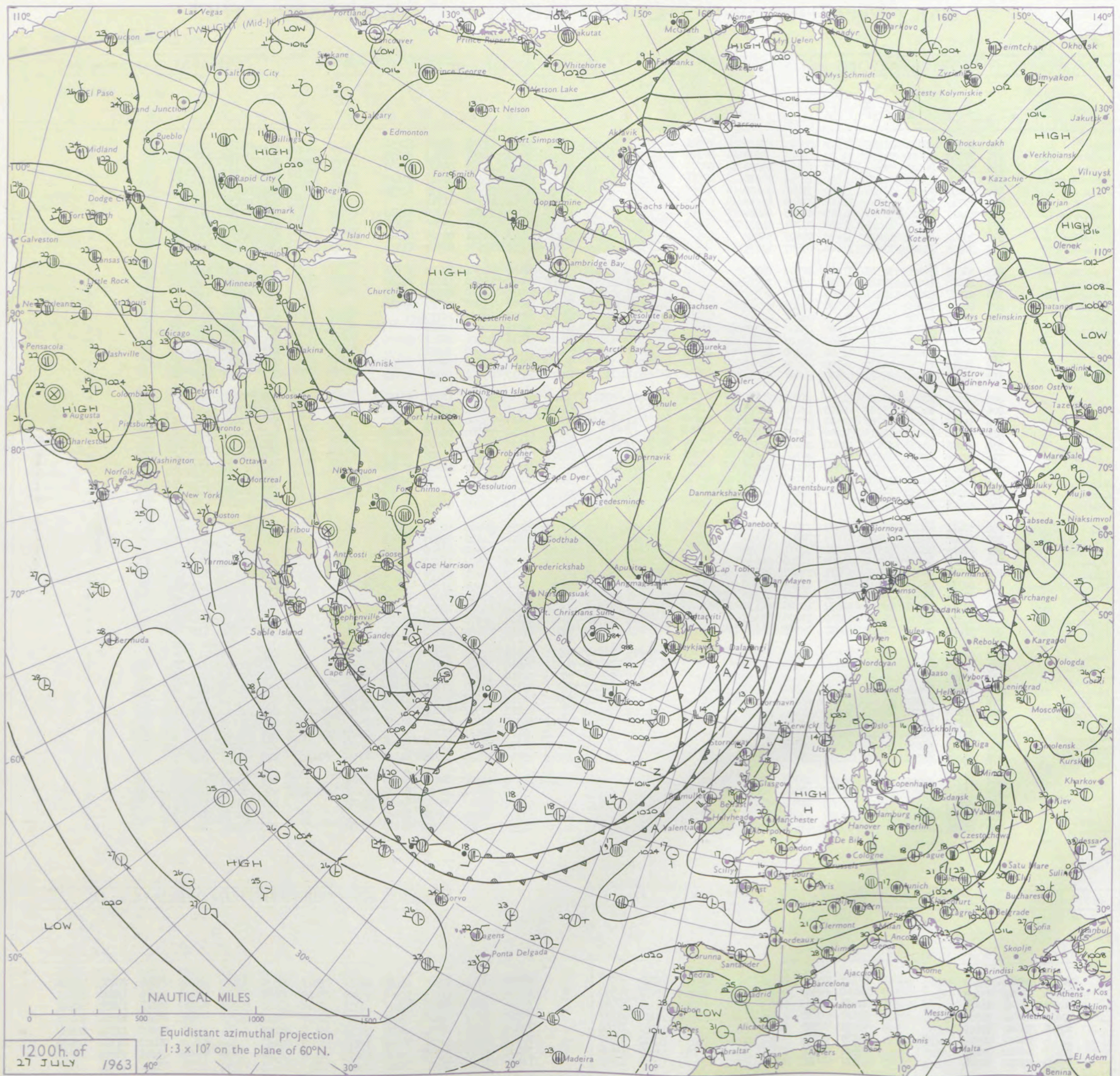
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37138

Date of Issue Sunday 28 July 1963

Code FM II.A		OBSERVATIONS at 12h. 27 July 1963										OBSERVATIONS at 18h. 27 July 1963										OBSERVATIONS during DAY				
Station	°F	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	RR	T _h +	T _h -	SSS	WEATHER	
																									09h.—15h.	15h.—21h.
Kew	775	60710	85024	31419																						

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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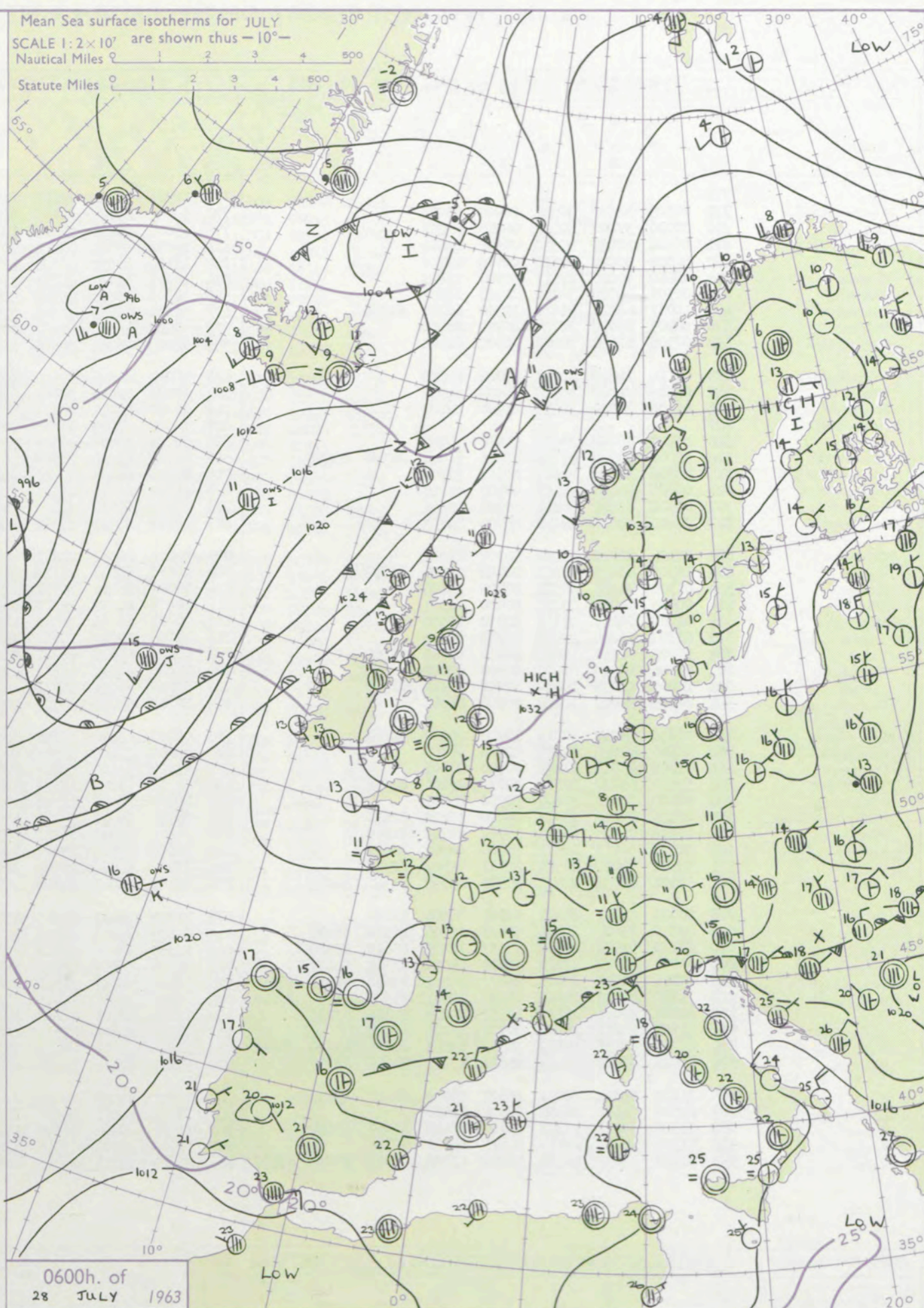
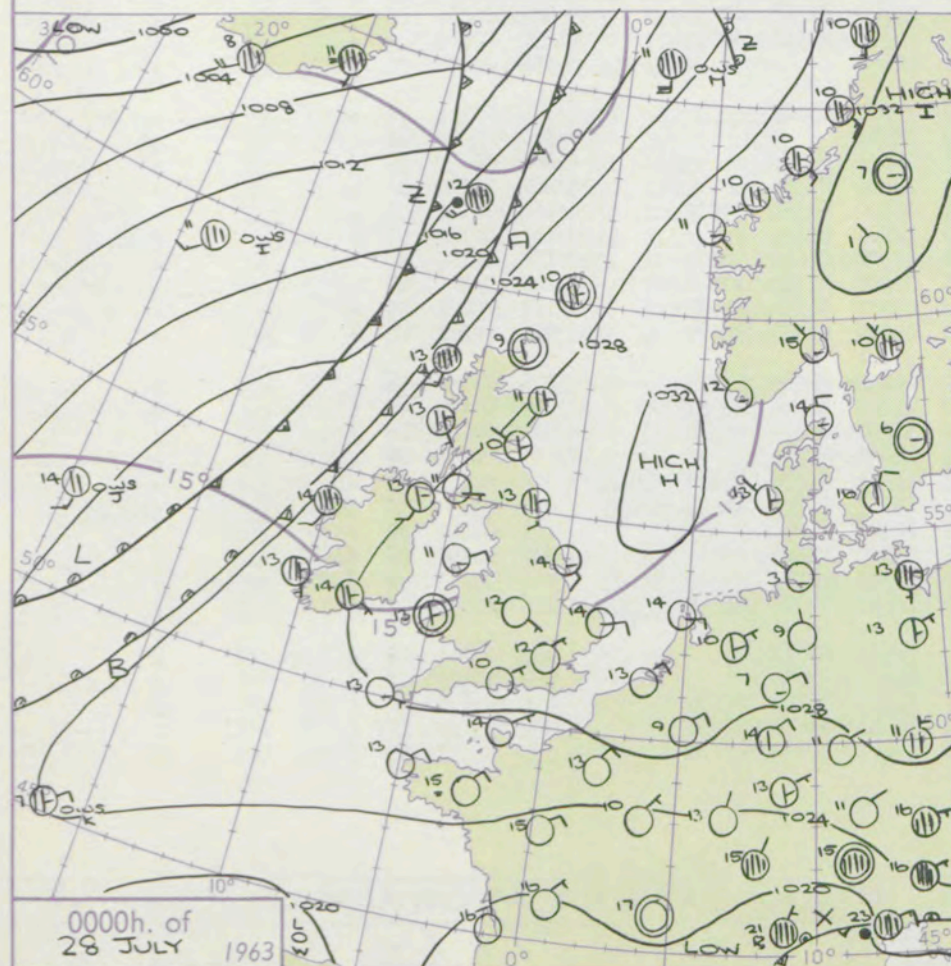
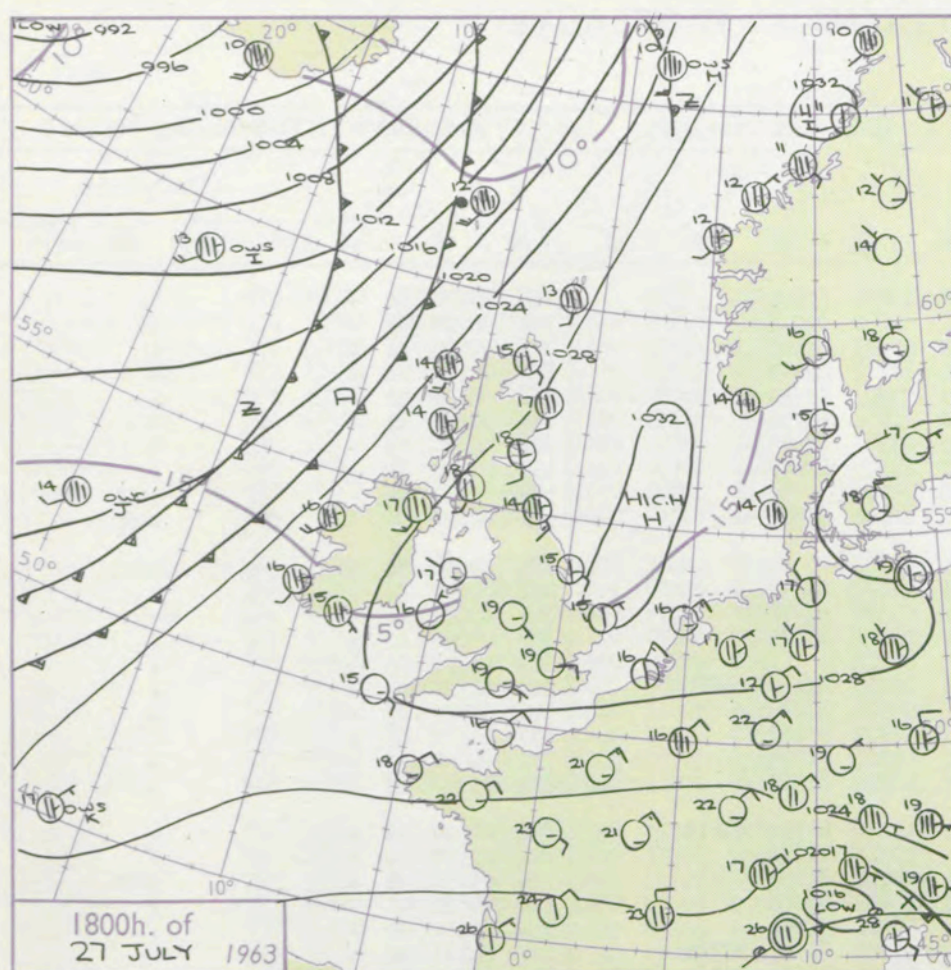
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 28 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

A new anticyclone has developed over Scandinavia and is moving slowly east but a strong ridge will persist across the North Sea towards the Azores. The depression near Ship Alfa is filling but another in mid Atlantic will probably maintain the upper vortex there, while a further low moves quickly east from Newfoundland to the central Atlantic. A shallow cold pool over south Sweden may drift a little southwest and will tend to persist.

Parts of Northern Ireland and northwest Scotland may have a little rain at times especially tomorrow but over the rest of the British Isles it will be fine and mostly sunny. It will be rather warm in most places.

OUTLOOK for follow 48 hours
Little change.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37139

Date of Issue Monday 29 July 1963

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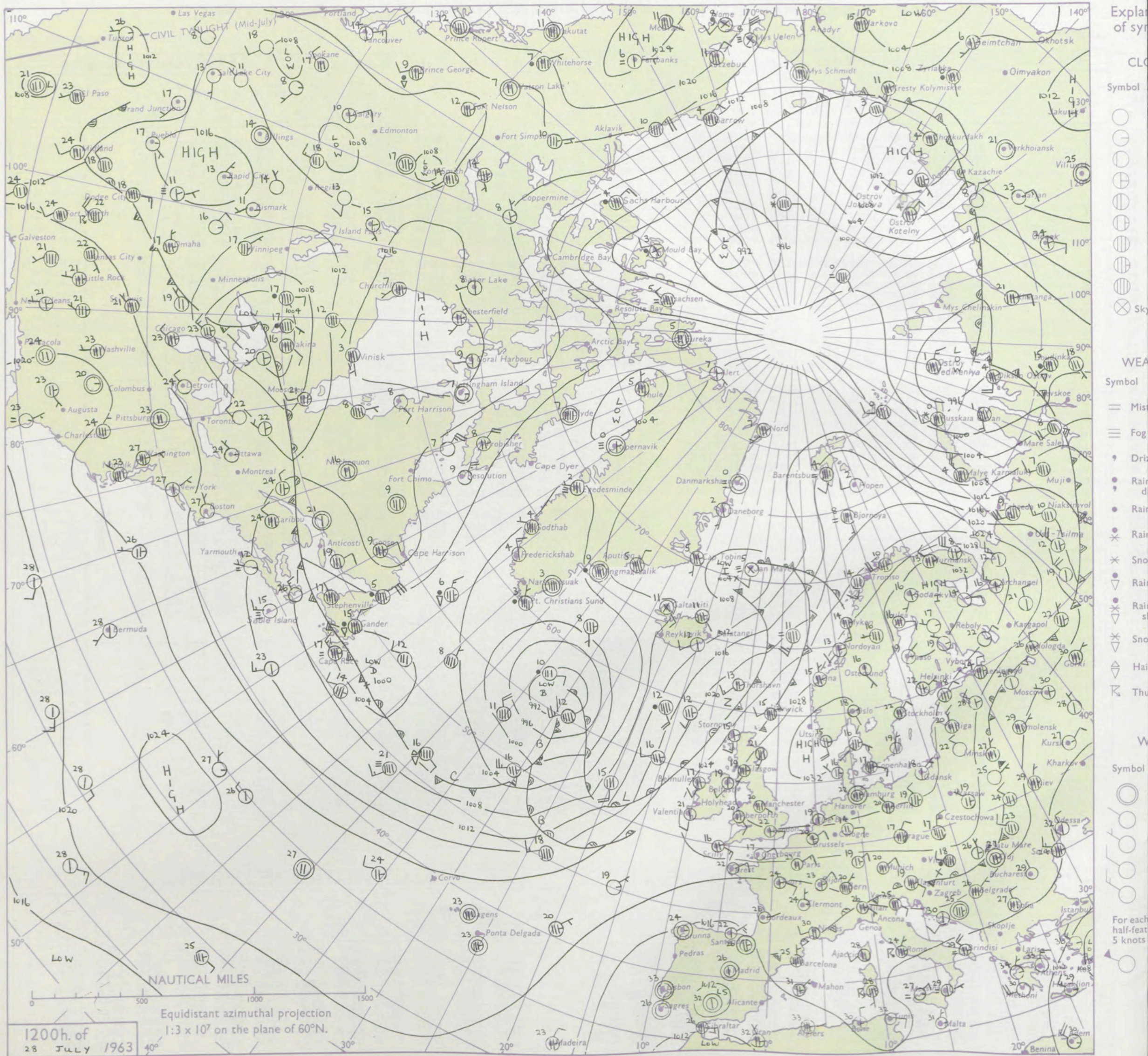
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Code FM 11.A		OBSERVATIONS at 12h. 28 July 1963								OBSERVATIONS at 18h. 28 July 1963								OBSERVATIONS during DAY			
Station		iii	Nddff	VVwwWW	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h						

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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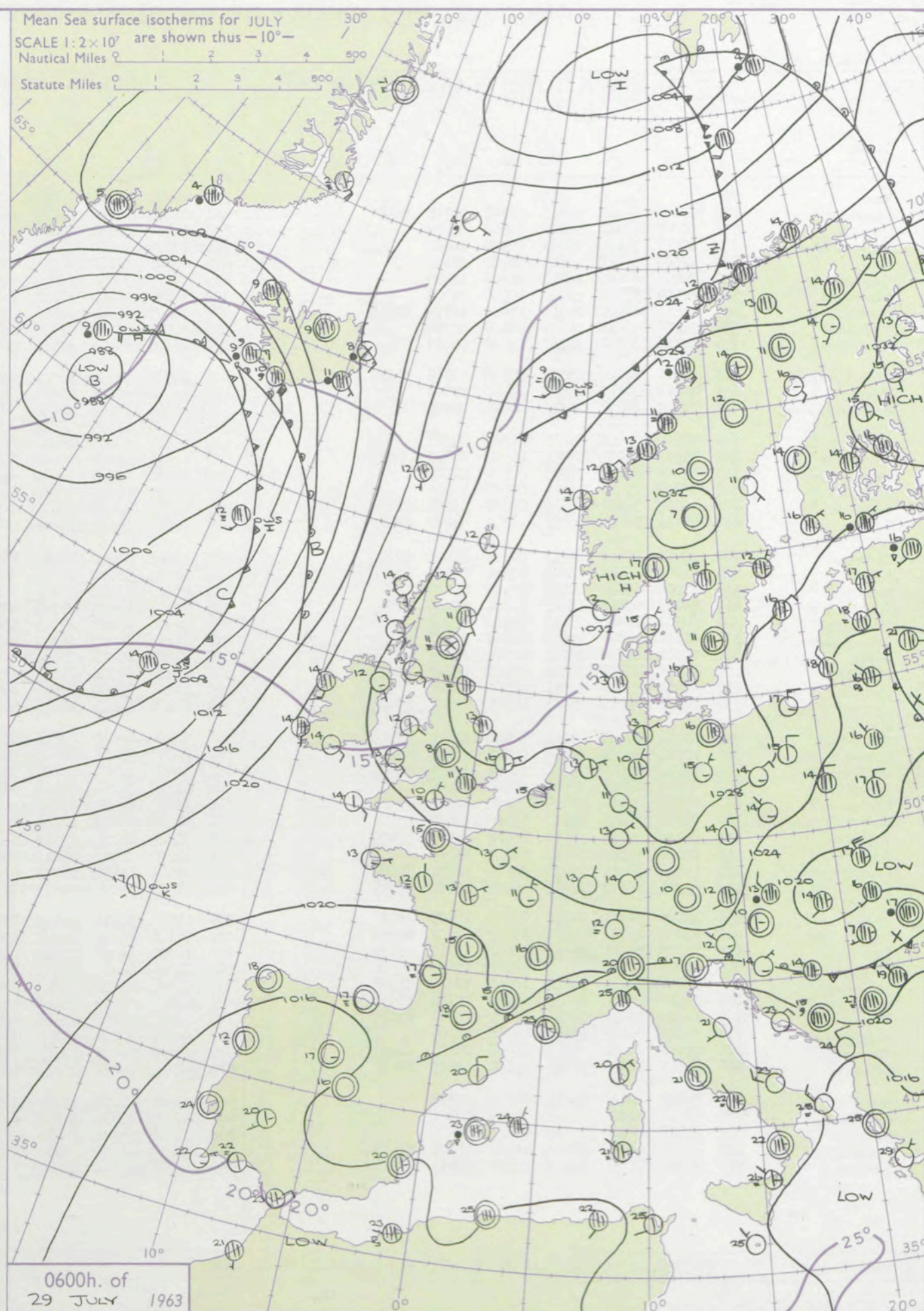
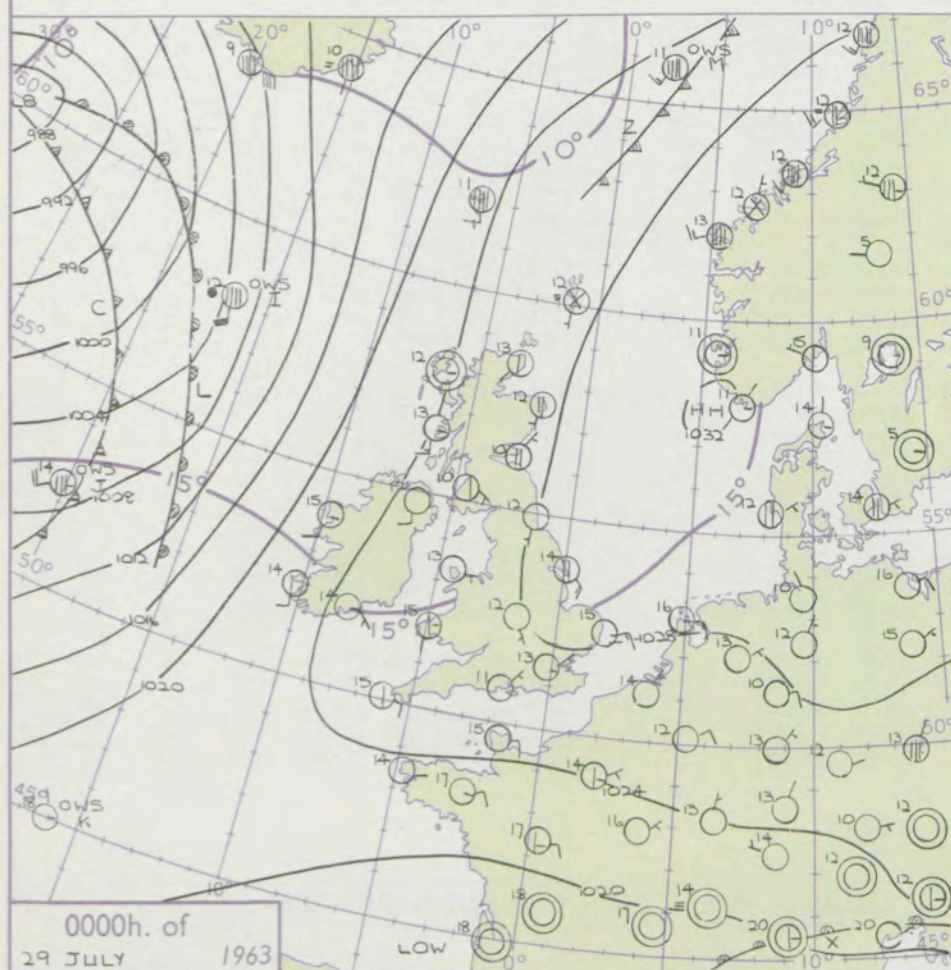
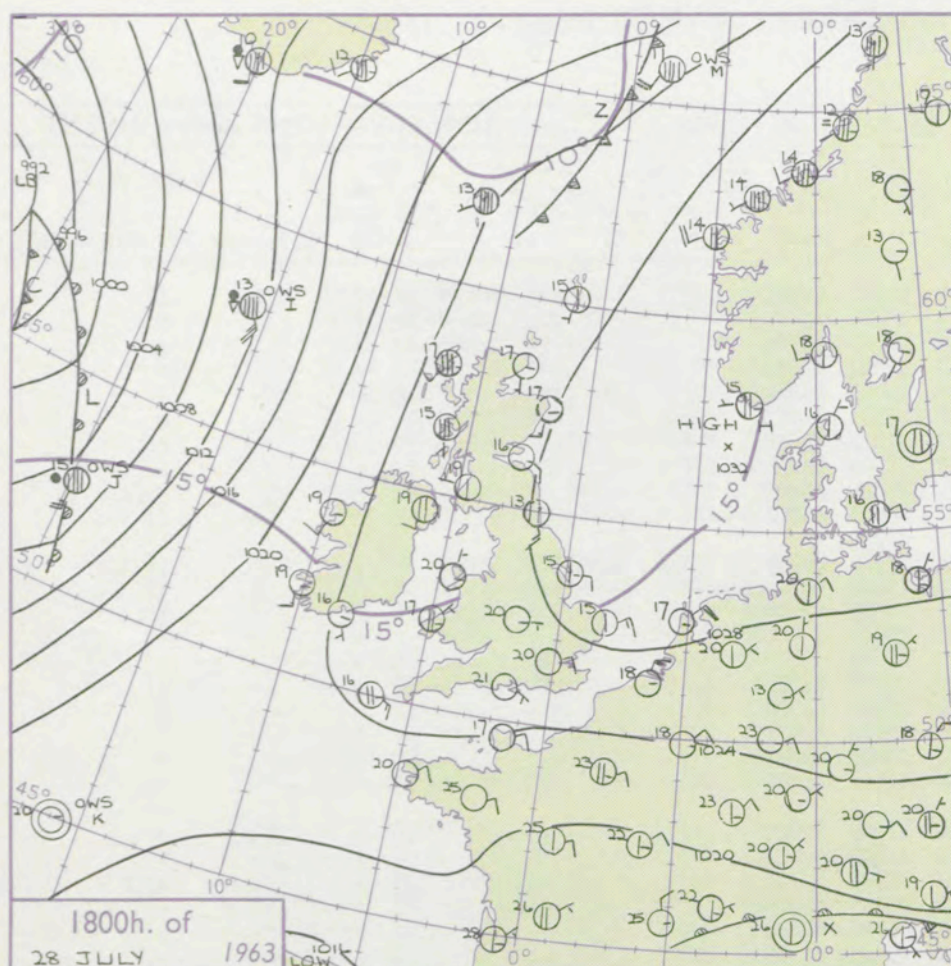
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GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 29 July 1963

An anticyclone over Finland is moving away east but another over the North Sea will be slow moving. A cold pool over southwest Sweden will persist and may drift a little west. A depression is moving north towards ship Alfa while another southwest of ship Charlie will probably follow a similar track. After this the upper pattern favours an anticyclone coming east across the Atlantic from the Newfoundland area.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

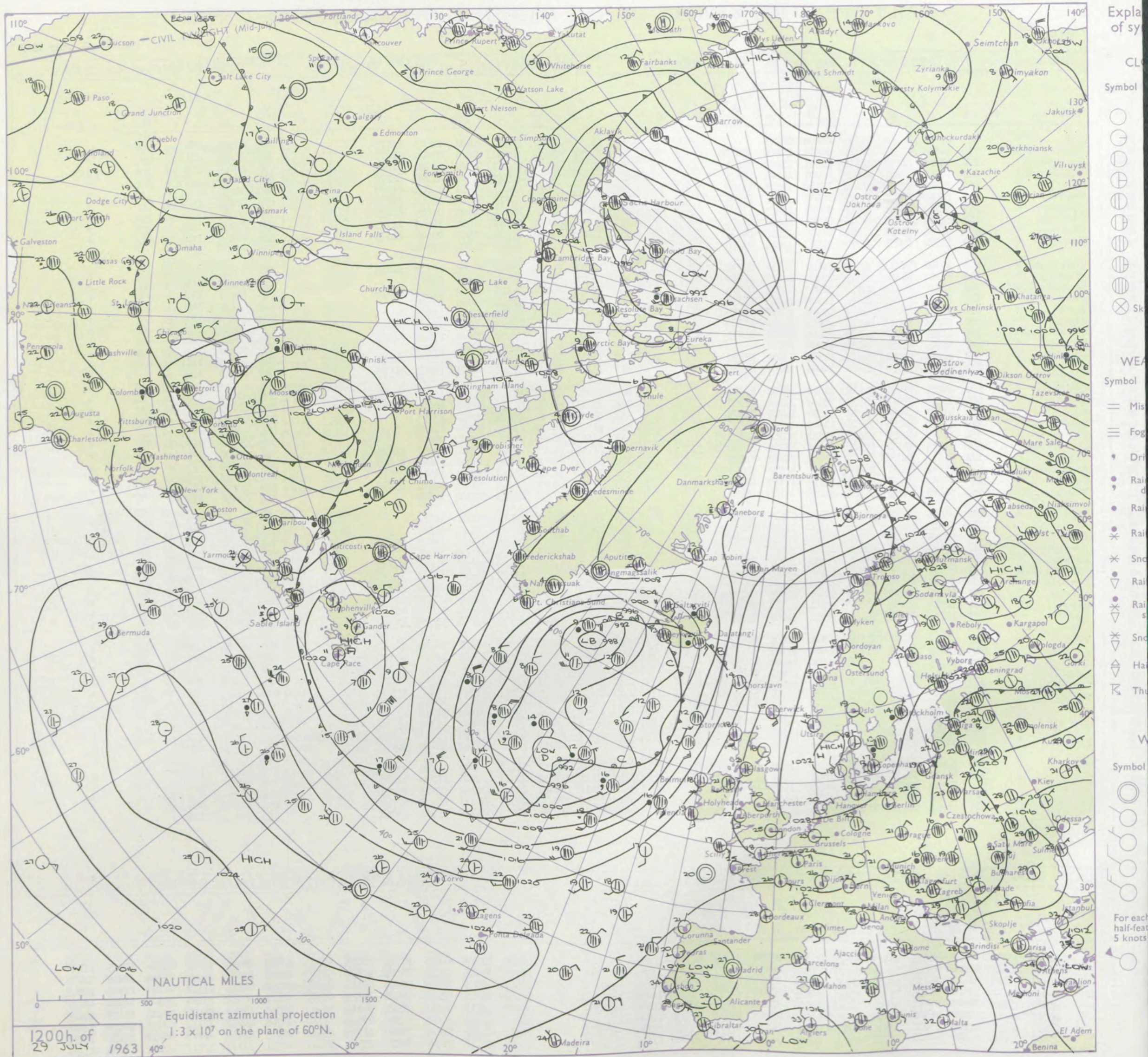
After clearance of morning mist and cloud in some central and eastern districts a fine warm day is expected almost everywhere. The extreme northwest of Scotland may become more cloudy perhaps with a little rain in places later.

OUTLOOK for the following 48 hours. Little change.

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

Code FM II.A		OBSERVATIONS at 00h. 29 July 1963										OBSERVATIONS at 06h. 29 July 1963										OBSERVATIONS during NIGHT										CONVECTIVE TARNS °C
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _s Ch _s	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	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						

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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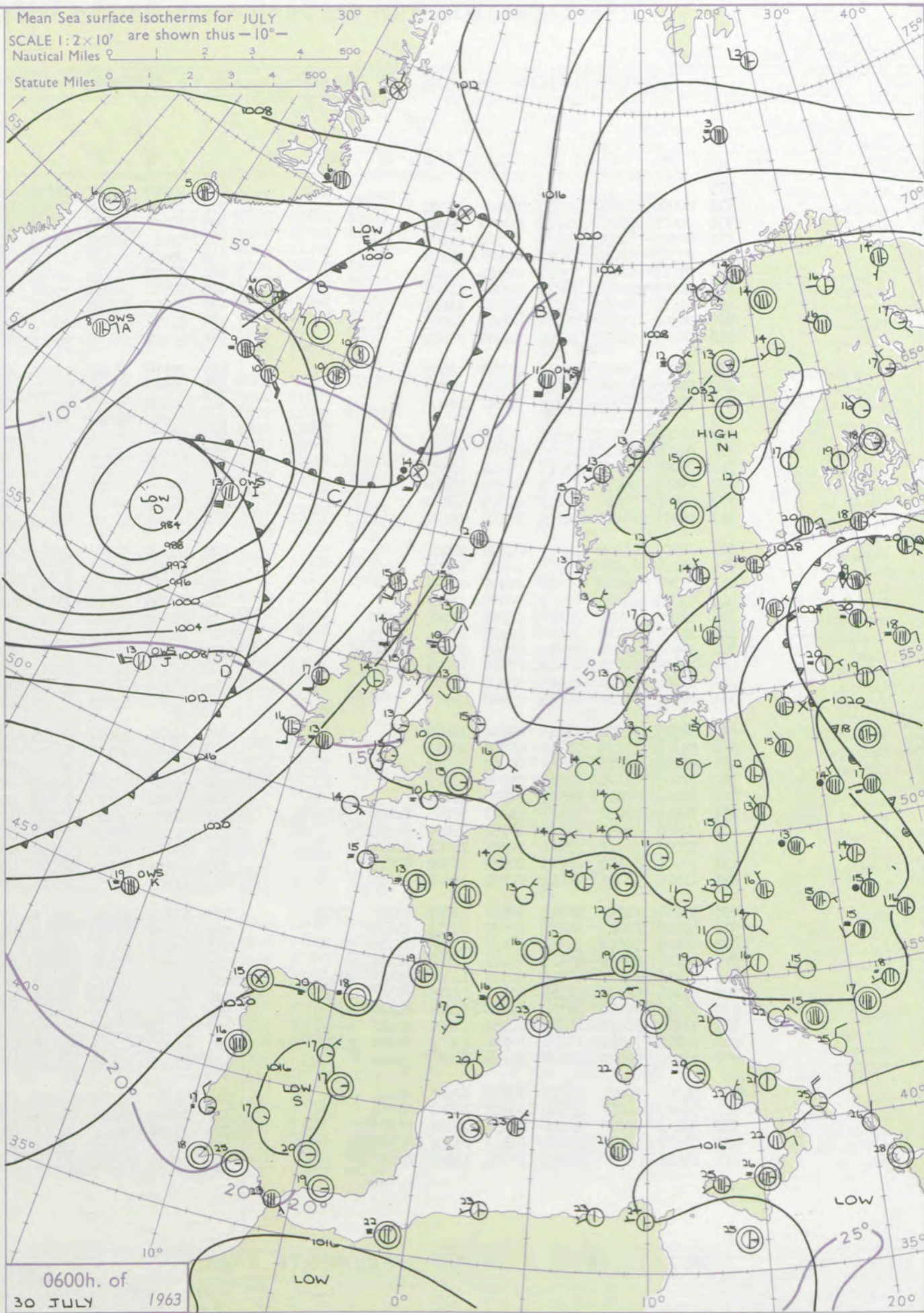
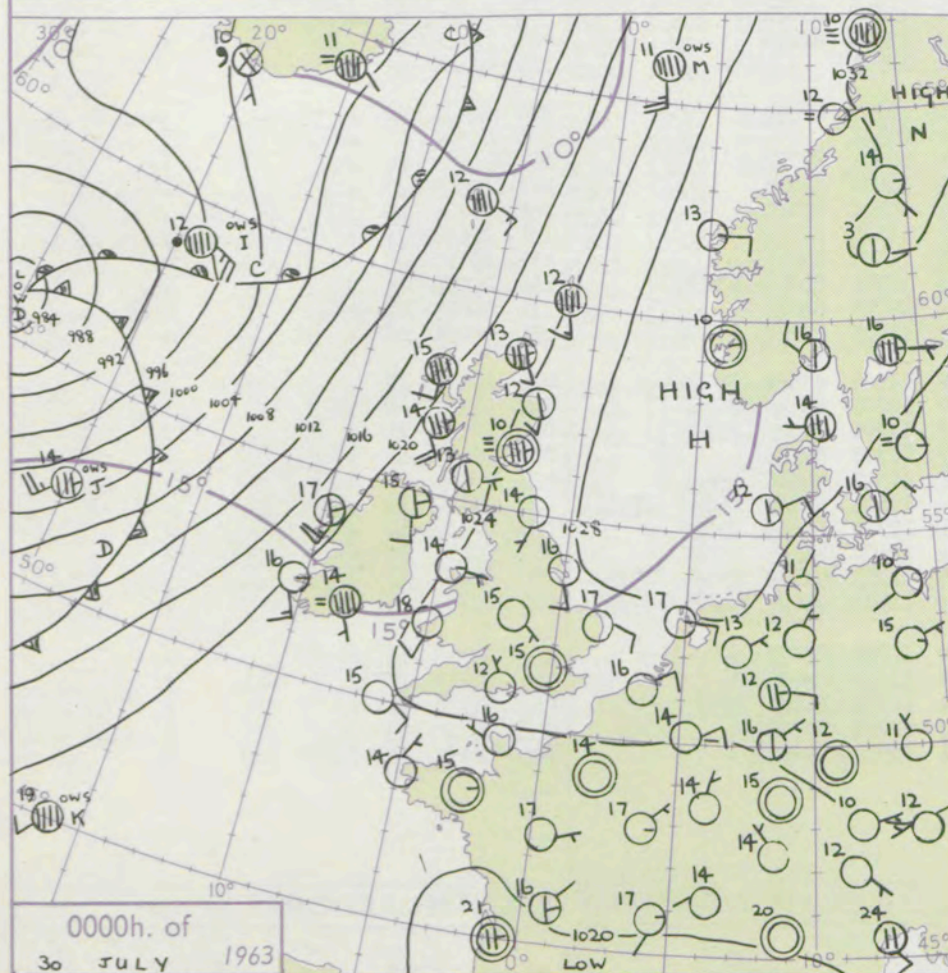
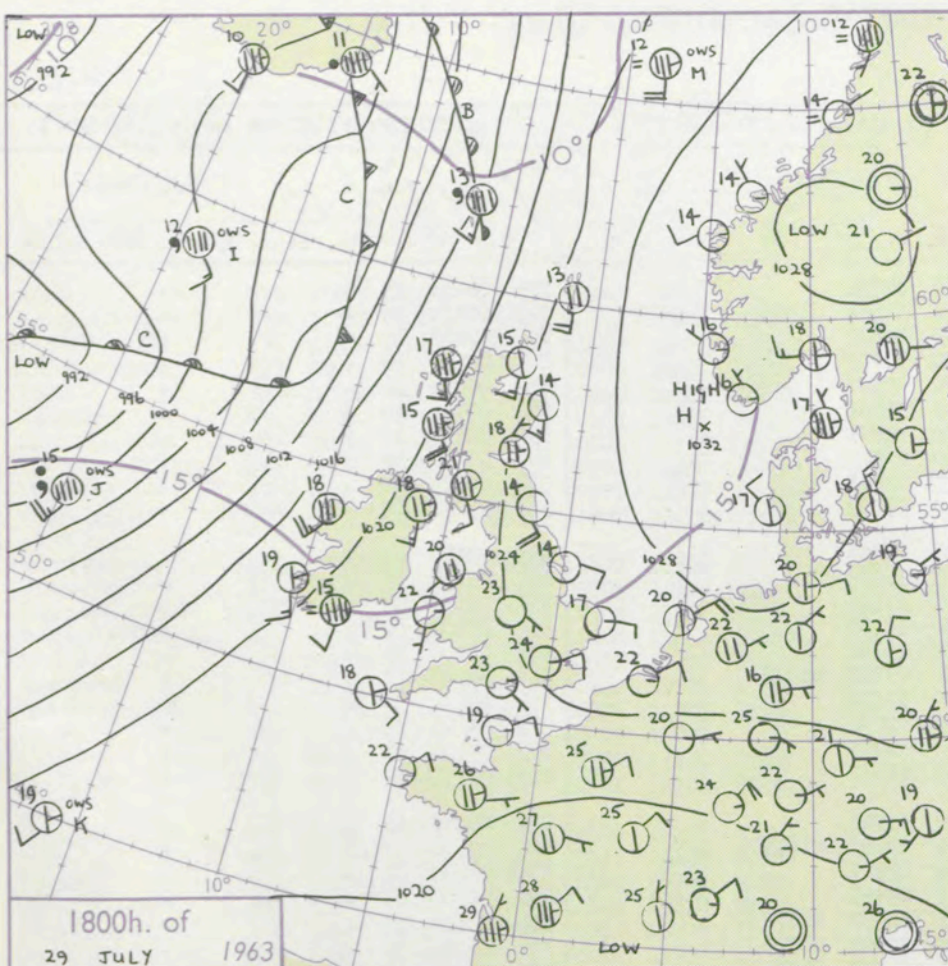
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Mean Sea surface isotherms for JULY
SCALE 1:2x10' are shown thus -10°-

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

Issued at midday Tuesday 30 July

1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

GENERAL SYNOPTIC DEVELOPMENT
A small cell of high pressure continues slow moving near the south Norwegian coast with a ridge down the North Sea, and this will dominate the weather over the British Isles for a further 24 hours. A weakening trough of low pressure will however move into northwestern districts from the Atlantic later today as a deep depression now in mid Atlantic turns away north towards southwest Iceland. Pressure will continue high over Finland, and will build in the Azores as an anticyclone now over the west Atlantic moves east southeast.

England and Wales will continue hot and sunny in most districts with no more than a few dawn mist patches. Scotland and Northern Ireland will become more generally cloudy, perhaps with a little light rain in places, chiefly in the west, but eastern and southern Scotland will have good sunny periods today.

OUTLOOK for following 24 hours
Little change.

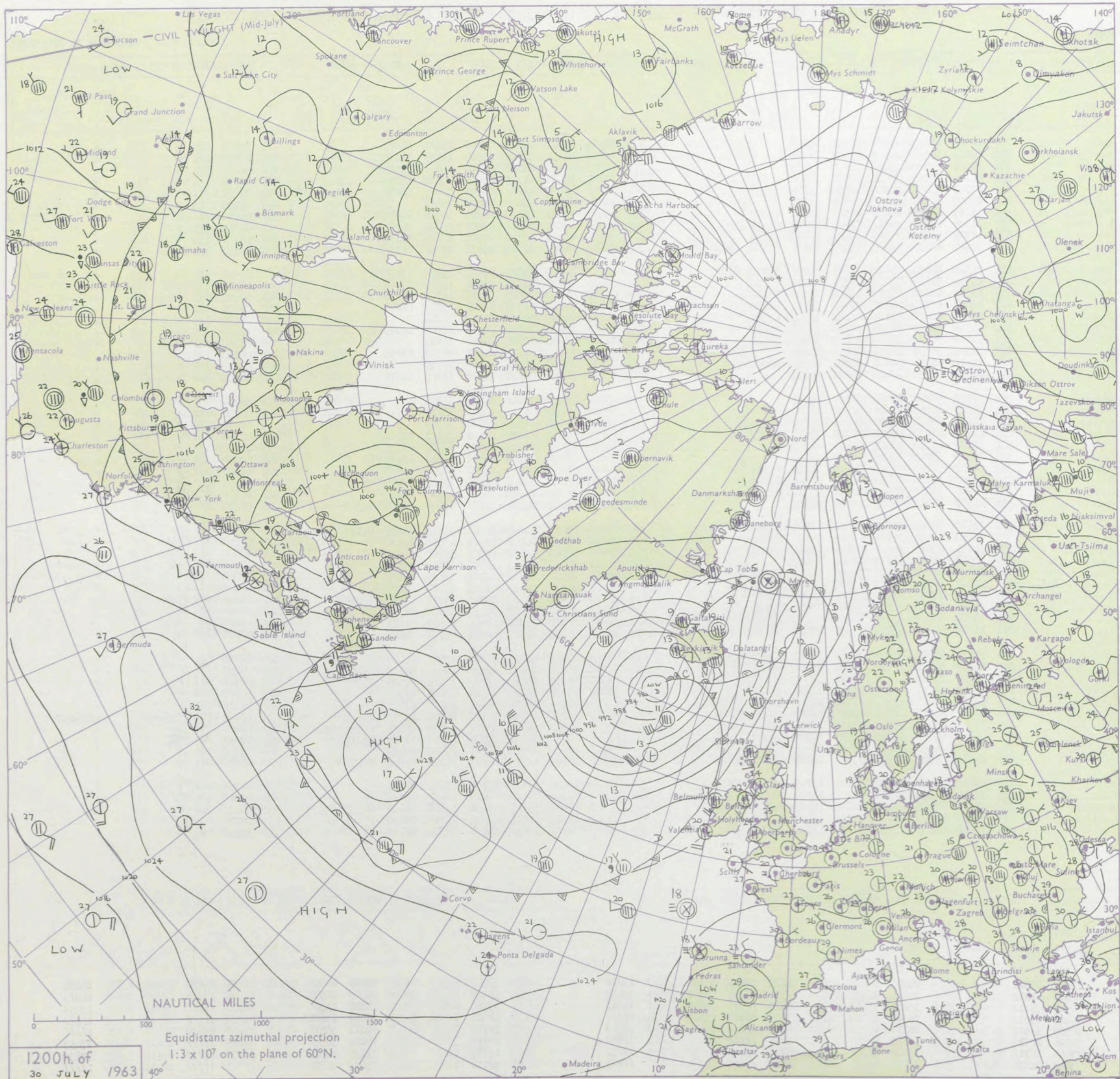
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 37141

Date of Issue Wednesday 31 July 1963

Code FM II.A	OBSERVATIONS at 12h. 30 July 1963											OBSERVATIONS at 18h. 30 July 1963											OBSERVATIONS during DAY				
	Station	iii	Nddff	VVwww	PPPTT	NChC _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	NChC _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	NChC _M H	T _d T _d app	8N _s Ch _s h _s	8N _{s</}

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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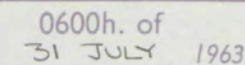
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For each
half-feat



0000h. of
31 JULY 1963

FORECAST for Great Britain and Northern Ireland until noon tomorrow

OUTLOOK for following 24 hours
Changeable and cooler in the west, with rain at times. Warm with sunny periods elsewhere,
but with thundery outbreaks becoming more likely.

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

Code FM 11.A		OBSERVATIONS at 00h. 31 July 1963										OBSERVATIONS at 06h. 31 July 1963										OBSERVATIONS during NIGHT				CONVE TAB °C to
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			