

THE DAILY WEATHER REPORT

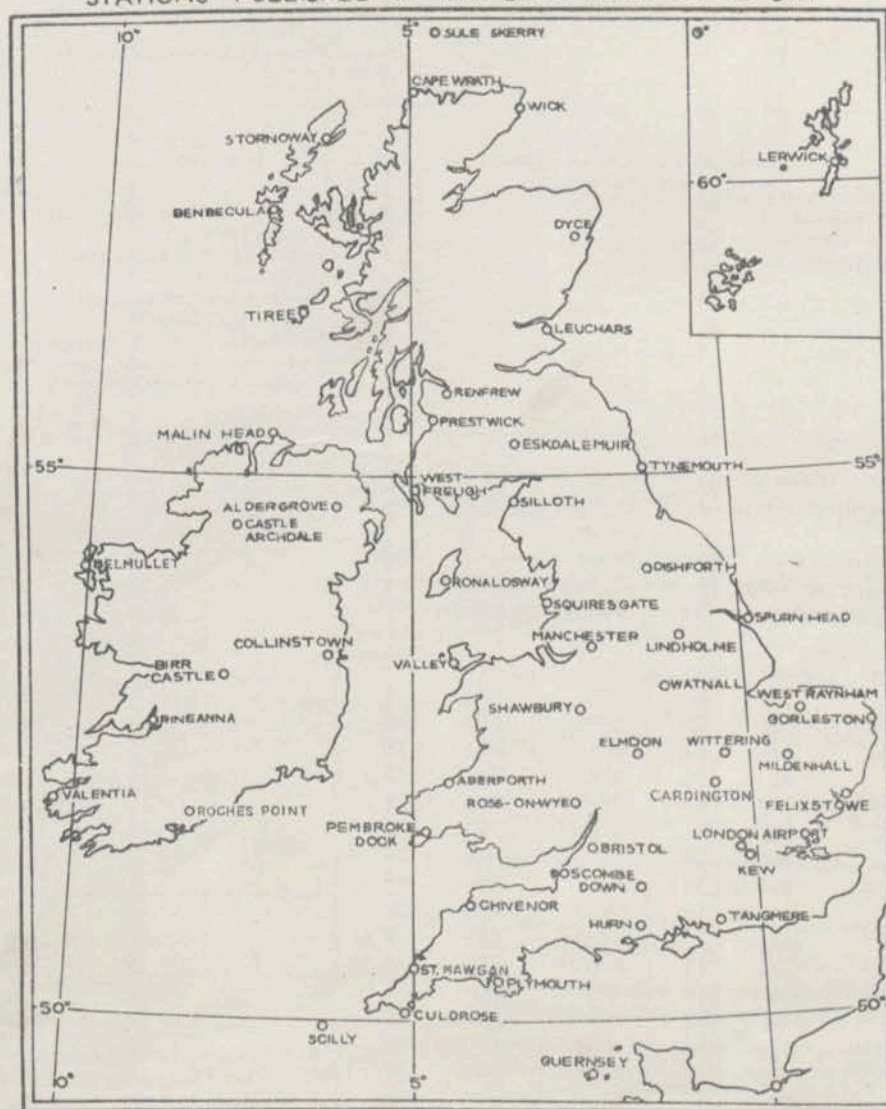
(INTRODUCTION)

1st July to 30th September

1957



STATIONS PUBLISHED IN THE DAILY WEATHER REPORT



METEOROLOGICAL OFFICE
LONDON, W.C.2

I. HISTORY

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

2. FORM OF PRESENTATION

(i) **Observations.**—Pages 1 and 4 of the Daily Weather Report contain reports for the four main hours of observation from a representative number of stations in Great Britain and Ireland which provide full reports together with a selection of ships' reports for the same hours. In addition, Beaufort letters, (Table 18), 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 Further 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 British Isles during the preceding 24 hours together with an indication of the manner in which it is expected to develop during the succeeding 24 hours. On the right of this statement is a forecast of the weather expected during a period of 24 hours from noon on the day of issue, followed by an outlook for a further period, the duration of which is normally 24 hours but may be longer in certain weather situations.

4. EXPLANATION OF CODES AND SPECIFICATIONS

CODE F.M.1IA—Land Stations					
N dd ff	VV ww W	PPP TT	N _h C _L h C _M C _H	T _d T _d a pp	N _s C h _s h _s
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Fahrenheit.	N _h = Amount of cloud the height of which is given by h (Table 1). C _L = Form of low cloud (Table 6). h = Height above ground of base of cloud (Table 9). C _M = Form of Medium Cloud (Table 7). C _H = Form of high cloud (Table 8).	T _d T _d = Dew point temperature in whole degrees Fahrenheit. a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	N _s = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h _s h _s = Height of base of cloud (Table 12).
CODE F.M.2IA—Ships					
L ₃ L ₂ L ₁	L ₀ L ₀ L ₀	Followed by first four groups as in F.M.1IA above	D _s v _s a pp	T _s T _s T _d T _d	d _w d _w P _w H _w
L ₃ L ₂ L ₁ = Latitude in degrees and tenths.	L ₀ L ₀ L ₀ = Longitude in degrees and tenths (West unless otherwise stated).		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).	T _s T _s = Difference between air temperature and sea temperature in degrees Fahrenheit. (If the air temperature is less than the sea temperature, 50 is added). T _d T _d = Dew point temperature in whole degrees Fahrenheit.	d _w d _w = Direction of waves to tens of degrees (Table 2). P _w = Period of waves (Table 16). H _w = Mean maximum height of waves (Table 17).

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

0 = None.
1 = 1 eighth of sky covered or less, but not zero.
2 = 2 eighths of sky covered.
3 = 3 eighths of sky covered.
4 = 4 eighths of sky covered.
5 = 5 eighths of sky covered.
6 = 6 eighths of sky covered.
7 = 7 eighths of sky covered or more, but not 8 eighths.
8 = 8 eighths (sky completely covered).
9 = Sky obscured or cloud amount cannot be estimated.

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

Table 2.—Table of Conversion of Wind Direction read in Compass Points into Code Figures (dd and d_wd_w)

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

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

3. NOTES

- Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.
- Rainfall.**—Tr : = There has been precipitation, but amount less than 0.05 mm.
- Temperature.**—Temperature is specified in degrees Fahrenheit and is shown on the charts by means of figures alongside the positions of the stations.
- 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° F. Prior to 1st January, 1949, values below 32° F. 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 32° F.
- Elevations of stations.**—The elevations of British stations are given below. These refer in each case to the cistern of the barometer.

	ft.		ft.		ft.		ft.
Kew ...	18	Bristol ...	197	Silloth ...	27	Sule Skerry ...	50
London Airport ...	82	Aberporth ...	379	Watnall ...	337	Lerwick ...	272
Tangmere ...	57	Pembroke Dock ...	47	Spurn Head ...	54	Stornoway ...	42
Hurn ...	34	Plymouth ...	100	Lindholme ...	21	Benbecula ...	16
Guernsey ...	340	Chivenor ...	22	Dishforth ...	131	Tiree ...	29
Felixstowe ...	16	St. Mawgan ...	339	Tynemouth ...	130	Aldergrove ...	220
Gorleston ...	26	Culdrose ...	260	Eskdalemuir ...	794	Castle Archdale ...	271
Mildenhall ...	39	Scilly ...	199	West Freugh ...	50	Malin Head ...	85
Cardington ...	93	Elmdon ...	326	Prestwick ...	30	Belmullet ...	33
West Raynham ...	263	Shawbury ...	249	Renfrew ...	30	Birr Castle ...	213
Wittering ...	219	Manchester ...	230	Leuchars ...	36	Collinstown ...	265
Boscombe Down ...	419	Squires' Gate ...	33	Dyce ...	234	Rineanna ...	22
Ross on Wye ...	226	Valley ...	29	Wick ...	119	Roches Point ...	136
		Ronaldsway ...	55	Cape Wrath ...	371	Valentia ...	45

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

Table 3.—Code for Visibility—VV

First Code Figure	0	1	2	3	4	5	6	7	8	9
5	3½	*	*	*	*	*	3½	†	5	
6	6½		7½		8½		10		11½	
7	12½		13½		15		16½		17½	
8	18½		25		31½		37½		43½	Over 43½
9½	<55	55	220	550	1,100	2,200	2½	6½	12½	31 or over
F	<11	11	22	33	44	55	66	77	88	99

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

† Values not given may be obtained by interpolation.

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

Table 4.—Code for Past Weather (W)

0 = Cloud covering ½ or less of the sky throughout the appropriate period.	3 = Sandstorm, duststorm or drifting snow.
1 = Cloud covering more than ½ of the sky during part of the appropriate period and covering half or less during part of the period.	4 = Fog or thick haze.
2 = Cloud covering more than ½ of the sky throughout the appropriate period.	5 = Drizzle.
	6 = Rain.
	7 = Snow, or rain and snow mixed.
	8 = Shower(s).
	9 = Thunderstorm(s) with or without precipitation.

Table 5.—Code for Present Weather (ww)

00-19 No precipitation at time of observation.	00	Cloud development not observed	Characteristic change of the state of sky during the past hour.	30-39 Duststorms, sandstorms or drifting 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.	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 dust-storm or sand-storm.	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 dust-storm or sand-storm.	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 needles (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 devil(s), and no dust-storm or sand-storm seen.			37			Heavy drifting snow.	77		Granular snow (with or without fog).				
	08	Well developed dust devil(s) seen at or near the station within last hour, but no dust-storm or sand-storm.			38			Slight or moderate drifting snow.	78		Isolated starlike snow crystals (with or without fog).				
	09	Dust-storm or sand-storm within sight of the station or at the station during the last hour.			39			Heavy drifting snow.	79		Ice pellets.				
	10	Mist.††			40-49 Fog at time of observation.			40	Fog at a distance at the time of observation, but not at the station during the last hour, the fog extending to a level above that of the observer.		generally low. generally high.	80-90 Showery precipitation.	80	Rain shower(s), slight.	slight. moderate or heavy. violent. slight. moderate or heavy. slight. moderate or heavy.
	11	Shallow fog in patches.						41	Fog in patches.				81	Rain shower(s), moderate or heavy.	
	12	Shallow fog, more or less continuous.						42	Fog, sky discernible.				82	Rain shower(s), violent.	
	13	Lightning visible, no thunder heard.						43	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, 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, 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, sky discernible.				86	Snow shower(s), moderate or heavy.	
	17	Thunder heard but no precipitation at the station.						47	Fog, sky not discernible.				87	Shower(s) of soft or small hail with or without rain or rain and snow-mixed.	
	18	Squall(s).						48	Fog, depositing hard rime, sky discernible.				88	Shower(s) of soft or small hail with or without rain or rain and snow-mixed.	
19	Funnel cloud(s).†	49	Fog, depositing hard 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).	Not falling as shower(s).	50-59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.	slight at time of observation. moderate at time of observation. thick at time of observation.	91-99 Precipitation with current or recent thunderstorm.	91	Slight rain at time of observation.	thunderstorm during the preceding hour, but not at time of observation. 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, or rain and snow mixed at time of observation.					
	23	Rain and snow.			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 thick.			98	Thunderstorm combined with duststorm or sandstorm at time of observation.					
	28	Fog.			58	Drizzle and rain, slight.			99	Thunderstorm, heavy, with hail at time of observation.					
	29	Thunderstorm (with or without precipitation).			59	Drizzle and rain, moderate or heavy.									
	60	Rain, not freezing, intermittent.		60-69 Rain at time of observation.	60	Rain, not freezing, intermittent.	slight at time of observation. moderate at time of observation. heavy at time of observation.								
	61	Rain, not freezing, continuous.			61	Rain, not freezing, continuous.									
	62	Rain, not freezing, intermittent.			62	Rain, not freezing, intermittent.									
	63	Rain, not freezing, continuous.			63	Rain, not freezing, continuous.									
	64	Rain, not freezing, intermittent.			64	Rain, not freezing, intermittent.									
	65	Rain, not freezing, continuous.			65	Rain, not freezing, continuous.									
	66	Rain, freezing, slight.			66	Rain, freezing, slight.									
	67	Rain, freezing, moderate or heavy.			67	Rain, freezing, moderate or heavy.									
	68	Rain or drizzle, and snow, slight.			68	Rain or drizzle, and snow, slight.									
	69	Rain or drizzle and snow, moderate or heavy.			69	Rain or drizzle and snow, moderate or heavy.									

The expression "at the station" refers to a land station or a ship.
† Tornado cloud or water spout.
†† Will be used only when visibility is reported as 10 or more and obscuration is due to water particles.

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Table 6.—Code for Form of Low Cloud* (CL)

- 0 No low cloud.
- 1 Cumulus with little vertical development.
- 2 Cumulus of considerable development with or without other cumulus or stratocumulus.
- 3 Cumulonimbus, tops not cirriform or anvil-shaped; with or without other forms of low cloud.
- 4 Stratocumulus formed by spreading out of cumulus: cumulus may also be present.
- 5 Stratocumulus not formed by the spreading out of cumulus.
- 6 Stratus and/or stratus fractus but not of bad weather.
- 7 Stratus fractus or cumulus fractus of bad weather ("scud") usually under altostratus or nimbostratus. By "bad weather" is meant the conditions which generally exist before, during or after precipitation.
- 8 Cumulus together with stratocumulus not formed by the spreading out of cumulus.
- 9 Cumulonimbus, with cirriform top, often anvil-shaped. Other types of low cloud may be present.
- / or — Low clouds not visible owing to darkness, fog, sandstorm or other phenomena.

Table 7.—Code for Form of Medium Cloud* (CM)

- 0 No medium cloud.
- 1 Mainly semi-transparent altostratus through part of which sun or moon are visible.
- 2 Altostratus, the greatest part of which is sufficiently dense to hide the sun (or moon), or nimbostratus.
- 3 Mainly semi-transparent altocumulus of unchanging elements; at a single level.
- 4 Semi-transparent altocumulus in patches; elements continually changing; possibly at more than one level.
- 5 Semi-transparent altocumulus in bands or in an increasing layer.
- 6 Altocumulus formed by spreading out of cumulus.
- 7 Any of the following:—
(a) Altocumulus in two or more layers not increasing.
(b) Opaque layer of altocumulus not increasing.
(c) Altocumulus with altostratus or nimbostratus or with both.
- 8 Altocumulus tufted or turreted.
- 9 Altocumulus at different levels, giving chaotic appearance to the sky. (Dense cirrus usually present.)
- / or — Medium cloud not visible owing to darkness, fog, sandstorm, etc., or owing to existence of a complete layer of lower cloud.

Table 8.—Code for Form of High Cloud* (CH)

- 0 No cirriform cloud.
- 1 Scattered cirrus not increasing.
- 2 Dense cirrus in patches; usually not increasing.
- 3 Cirrus often anvil-shaped; usually associated with cumulonimbus.
- 4 Tufted cirrus increasing and thickening.
- 5 Cirrus and/or cirrostratus increasing but the continuous layer not reaching above 45° altitude.
- 6 Cirrus and/or cirrostratus increasing with the continuous layer reaching above 45° altitude.
- 7 Complete layer of cirrostratus covering whole sky.
- 8 Cirrostratus not increasing and not a complete layer covering whole sky.
- 9 Cirrocumulus alone or with cirrus or cirrostratus where the cirrocumulus predominates.
- / or — High cloud not visible owing to darkness, fog, sandstorm, etc., or owing to the existence of a complete layer of lower cloud.

* Abbreviated definitions. For full text see "Handbook of Weather Messages," Part II M.O.510(b).

Table 9.—Code for Cloud Height (h)

Code figure	Height of base of cloud	
	metres	feet
0	0-50	0-150
1	50-100	150-300
2	100-200	300-600
3	200-300	600-1,000
4	300-600	1,000-2,000
5	600-1,000	2,000-3,000
6	1,000-1,500	3,000-5,000
7	1,500-2,000	5,000-6,500
8	2,000-2,500	6,500-8,000
9	Above 2,500	Above 8,000

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

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

Note 3.—Height above ground of the base of cloud. If there is cloud of Form CL reported, h refers to this cloud. If, however, there is no cloud of Form CL and there is cloud of Form CH, 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 1/2 of the sky. If, however, there is no layer of more than 1/2 then N_h and h refer to the lowest layer which is not exceeded by any other layer present. When the same form of cloud CL is present at more than one level, N_h refers to the total amount of the cloud form reported for CL at all levels, while h refers to the height of cloud form CL at the lowest level.

<p>Table 10.—Code for Characteristic of Barometric Tendency (a)</p> <p>0 = Increasing, then decreasing ; atmospheric pressure the same as or higher than 3 hr. ago.</p> <p>1 = Increasing, then steady ; or increasing, then increasing more slowly.</p> <p>2 = Increasing (steadily or unsteadily).</p> <p>3 = Decreasing or steady, then increasing ; or increasing, then increasing more rapidly.</p> <p>4 = Steady, atmospheric pressure the same as 3 hr. ago.</p> <p>5 = Decreasing, then increasing ; atmospheric pressure the same as or lower than 3 hr. ago.</p> <p>6 = Decreasing, then steady ; or decreasing, then decreasing more slowly.</p> <p>7 = Decreasing (steadily or unsteadily).</p> <p>8 = Steady or increasing, then decreasing ; or decreasing, then decreasing more rapidly.</p> <p>atmospheric pressure now higher than 3 hr. ago.</p> <p>atmospheric pressure now lower than 3 hr. ago.</p>	<p>Table 11.—Code for Type of Cloud (C)</p> <p>0 = Cirrus (Ci).</p> <p>1 = Cirrocumulus (Cc).</p> <p>2 = Cirrostratus (Cs).</p> <p>3 = Altopcumulus (Ac).</p> <p>4 = Altostratus (As).</p> <p>5 = Nimbostratus (Ns).</p> <p>6 = Stratocumulus (Sc).</p> <p>7 = Stratus (St).</p> <p>8 = Cumulus (Cu).</p> <p>9 = Cumulonimbus (Cb).</p> <p>x = Cloud not visible owing to darkness, fog, sandstorm or other analogous phenomena.</p>	<p>Table 12.—Code for Height of Cloud (h_h)</p> <p>Code figures 01–50 = cloud height in 100s of feet. Code figures 56–80, subtract 50 for cloud height in 1,000s of feet.</p> <table><tr><th>CODE FIGURES 81–89</th><th>CODE FIGURES 90–99*</th></tr><tr><td>81 = 35,000 feet</td><td>90 = less than 150 feet</td></tr><tr><td>82 = 40,000 "</td><td>91 = 150–300 "</td></tr><tr><td>83 = 45,000 "</td><td>92 = 300–600 "</td></tr><tr><td>84 = 50,000 "</td><td>93 = 600–1,000 "</td></tr><tr><td>85 = 55,000 "</td><td>94 = 1,000–2,000 "</td></tr><tr><td>86 = 60,000 "</td><td>95 = 2,000–3,000 "</td></tr><tr><td>87 = 65,000 "</td><td>96 = 3,000–5,000 "</td></tr><tr><td>88 = 70,000 "</td><td>97 = 5,000–6,500 "</td></tr><tr><td>89 = above 70,000 feet</td><td>98 = 6,500–8,000 "</td></tr><tr><td></td><td>99 = 8,000 feet or higher or no low clouds.</td></tr></table> <p>* Only used when cloud height cannot be determined with greater accuracy.</p>	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.																															
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89 = above 70,000 feet	98 = 6,500–8,000 "																																																						
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<p>Table 14.—Code for Direction in which Ship has moved (D_s)</p> <p>0 = Stationary.</p> <p>1 = North-east.</p> <p>2 = East.</p> <p>3 = South-east.</p> <p>4 = South.</p> <p>5 = South-west.</p> <p>6 = West.</p> <p>7 = North-west.</p> <p>8 = North.</p> <p>9 = No definite direction or unknown.</p>	<p>Table 15.—Code for Speed of Ship (v_s)</p> <p>kt.</p> <p>0 = 0</p> <p>1 = 1–3</p> <p>2 = 4–6</p> <p>3 = 7–9</p> <p>4 = 10–12</p> <p>5 = 13–15</p> <p>6 = 16–18</p> <p>7 = 19–21</p> <p>8 = 22–24</p> <p>9 = >24</p>	<p>Table 16.—Code for Period of Waves (P_w)</p> <p>sec.</p> <p>2 = <5</p> <p>3 = 5–7</p> <p>4 = 7–9</p> <p>5 = 9–11</p> <p>6 = 11–13</p> <p>7 = 13–15</p> <p>8 = 15–17</p> <p>9 = 17–19</p> <p>0 = 19–21</p> <p>1 = >21</p> <p>x = Calm or period of waves not determinable.</p>	<p>Table 17.—Code for Mean Maximum Height of Waves (H_w)</p> <table><tr><th colspan="2"></th><th colspan="2">50 added to dwdw</th></tr><tr><th>m.</th><th>ft.</th><th>m.</th><th>ft.</th></tr><tr><td>0 = <½</td><td><1</td><td>0 = 5</td><td>16</td></tr><tr><td>1 = ½</td><td>1½</td><td>1 = 5½</td><td>17½</td></tr><tr><td>2 = 1</td><td>3</td><td>2 = 6</td><td>19</td></tr><tr><td>3 = 1½</td><td>5</td><td>3 = 6½</td><td>21</td></tr><tr><td>4 = 2</td><td>6½</td><td>4 = 7</td><td>22½</td></tr><tr><td>5 = 2½</td><td>8</td><td>5 = 7½</td><td>24</td></tr><tr><td>6 = 3</td><td>9½</td><td>6 = 8</td><td>25½</td></tr><tr><td>7 = 3½</td><td>11</td><td>7 = 8½</td><td>27</td></tr><tr><td>8 = 4</td><td>13</td><td>8 = 9</td><td>29</td></tr><tr><td>9 = 4½</td><td>14</td><td>9 = 9½</td><td>30½</td></tr><tr><td>x = Height not determined.</td><td></td><td></td><td></td></tr></table> <p>Notes :—</p> <p>(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.).</p> <p>(ii) Waves whose heights are greater than 9½ 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 ft.</p> <p>(iii) If a wave height comes exactly midway between the heights corresponding to two code figures, the lower code figure is reported.</p> <p>(iv) Code figures 49 or 99 for dwdw mean " waves confused, direction indeterminate."</p>			50 added to dwdw		m.	ft.	m.	ft.	0 = <½	<1	0 = 5	16	1 = ½	1½	1 = 5½	17½	2 = 1	3	2 = 6	19	3 = 1½	5	3 = 6½	21	4 = 2	6½	4 = 7	22½	5 = 2½	8	5 = 7½	24	6 = 3	9½	6 = 8	25½	7 = 3½	11	7 = 8½	27	8 = 4	13	8 = 9	29	9 = 4½	14	9 = 9½	30½	x = Height not determined.			
		50 added to dwdw																																																					
m.	ft.	m.	ft.																																																				
0 = <½	<1	0 = 5	16																																																				
1 = ½	1½	1 = 5½	17½																																																				
2 = 1	3	2 = 6	19																																																				
3 = 1½	5	3 = 6½	21																																																				
4 = 2	6½	4 = 7	22½																																																				
5 = 2½	8	5 = 7½	24																																																				
6 = 3	9½	6 = 8	25½																																																				
7 = 3½	11	7 = 8½	27																																																				
8 = 4	13	8 = 9	29																																																				
9 = 4½	14	9 = 9½	30½																																																				
x = Height not determined.																																																							

TABLE 18.—Explanation of Beaufort letters used for hydrometeors (Col. 51–52 pages 1 and 4)

d = drizzle.	h = hail.	r = rain.	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.
f = fog, visibility 220–1100 yards.	ks = storm of drifting snow.	s = snow.	
F = thick fog, visibility less than 220 yards.	l = lightning.	rs = sleet.	
f _g = low fog over land or sea.	p = shower(s).	t = thunder.	

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 F.

CLOUD SYMBOLS

○ Clear sky. ⊙ Sky ⅛ covered. ⊙ Sky ¼ covered. ⊙ Sky ⅜ covered. ⊙ Sky ½ covered.
⊙ Sky ⅝ covered. ⊙ Sky ¾ covered. ⊙ Sky ⅞ covered. ⊙ Sky obscured.

WEATHER SYMBOLS

● Rain. ☂ Drizzle. ❄ Snow. ❄ Sleet. △ Hail.
▽ Shower. ⚡ Thunderstorm. T Thunder. ☁ Fog. = Mist.

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

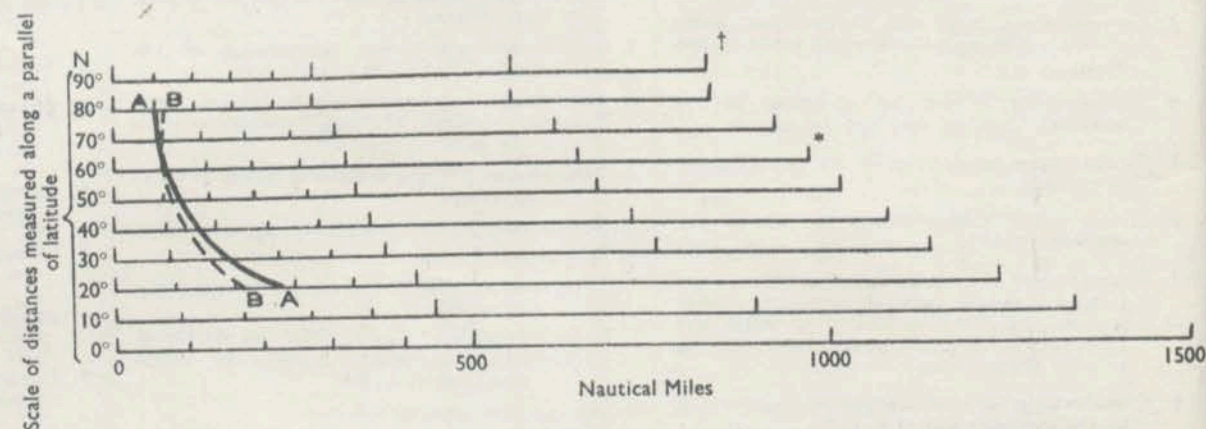
— Warm Front on the surface. — Warm Front above the ground.
— Cold Front on the surface. — Cold Front above the ground.
— Occluded Front (or Occlusion). — Lines of Frontogenesis.
Short strokes across the frontal line indicate Frontolysis.

Note.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. 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 Modern Meteorology" (3rd Edition, 1939), to be purchased from H.M. Stationery Office, York House, Kingsway, W.C.2, price 4s. 2d. 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 59° 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.

Warm for a week, then rather cool. Frequent rain.

After a week in which the pressure distribution over the British Isles was indefinite, there came a series of low-pressure systems moving eastwards towards the country, and the situation did not become settled until the last two days of the month.

The hot weather of the end of June did not continue into July, though the month opened sunny and rather warm, with a weak ridge of high pressure extending northeast over the British Isles. This system gave way on 2nd before a shallow depression from the Bay of Biscay and during the night thunderstorms were widespread over England and Wales. Early on 3rd Plymouth recorded a total of 62.7 mm. of rain in one hour, approximately its average rainfall for the whole month of July.

A weak low-pressure area remained to southwest of the British Isles until 6th and outbreaks of thundery rain persisted from 2nd to 8th, one of the largest falls being 39mm. at Aldergrove on the night of 6th/7th. Daytime temperatures exceeded 80° in places on most days and 90° was reached at London Airport on 6th; the nights were also warm, and by 7th the temperature at Kew had been above 60° continuously for 10 days.

Air direct from the Atlantic spread across the whole country on 7th and soon afterwards the weather changed to a pattern which was to persist for most of the remainder of the month, with a good deal of cloud, frequent rain and temperatures somewhat below average. A depression which deepened west of Ireland on 11th and moved east was the

first of three such systems to give widespread rain, heavy and thundery in places. This depression moved slowly to the North Sea by 14th, to be followed on 17th by a very similar development. There were many outbreaks of thundery rain over England on 20th and 21st but the heaviest rainfall around this period was 111 mm. at Dyce in 2½ days from 18th to 20th. This was associated with fronts that became stationary on the north side of the low-pressure area.

From 22nd to 25th warm air spread slowly across the country from the southwest bringing light rain to many places and fog to the windward coasts. By 25th the warm front had reached northeast Scotland, giving a dull day and persistent rain over the mainland, but Shetland, just to north of the front, had its sunniest day of the month with 13.4 hours of sunshine at Lerwick. The same day a depression developed off the Hebrides and cooler westerly winds swept across the British Isles on 26th, veering to northwest on 27th to give a showery day in most places. On 29th a weak frontal system crossed the country, followed on 30th by the development of a small anticyclone which made this the first generally dry day for 4 weeks.

In spite of the warmth of the first week temperatures were mostly below normal by day, but night minima were high generally. The month was cloudy and fairly wet in most areas, the outstanding rainfall being 198 mm. at Dyce, and there was more than the usual number of thunderstorms.

PLACE	TEMPERATURE												SUNSHINE							RAINFALL										Days with thunder	Days with snow or sleet	Days with fog (Vis. < 220 yds at 09 h.)					
	Mean maximum °F.	Difference from average	Mean minimum °F.	Difference from average	Highest maximum °F.	Date	Lowest maximum °F.	Date	Highest minimum °F.	Date	Lowest minimum °F.	Date	No. of ground frosts	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 Hrs.	Year	Lowest Hrs.	Year									First year of record	Highest mm.	Year	Lowest mm.	Year
KEW	71.5	+0.3	56.3	+2.1	88	6	64	15	65	4	52	11	0	0	0	12.1	2	176	50	1881	334	1911	56	1944	11	14	2	83	151	1856	150	1956	4	1921	7	0	0
TANGMERE	70.5	+0.2	56.3	+3.0	82	13	63	16	64	6	46	16	0	0	0	12.4	2	172	77	1916	310	1949	120	1944	12	25	19	117	217	1944	165	1945	6	1949	7	0	0
GORLESTON	67.2	+0.2	56.7	+1.1	77	7	62	15	61	25	43	21	0	0	0	13.9	19	181	84	1908	369	1935	103	1910	13	15	11	70	119	1915	121	1940	5	1955	8	0	0
CARDINGTON	71.0	-	54.4	-	86	6	62	16	62	24	45	11	0	0	0	13.2	21	164	-	-	-	-	-	13	20	19	71	-	-	-	-	-	-	2	0	0	
BOSCOMBE DOWN	68.7	+0.1	55.1	+2.8	81	4	62	16	64	4	47	11	0	0	0	11.8	21	165	85	1933	284	1934	111	1944	14	15	20	93	190	1931	144	1939	11	1952	6	0	0
ROSS-ON-WYE	69.5	+0.3	55.6	+2.0	84	6	63	16	65	6	47	11	0	0	0	12.2	2	131	72	1915	275	1935	95	1944	16	12	16	57	100	1859	197	1972	6	1911	7	0	0
PEMBROKE DOCK	67.2	+1.1	59.8	+4.5	80	3	60	21	65	6	47	2	0	0	3	15.0	1	171	85	1892	335	1955	113	1944	8	22	17	110	151	1926	115	1956	6	1955	1	0	0
PLYMOUTH	67.5	+1.4	56.3	+1.4	81	5	60	17	62	3	50	2	0	0	1	13.9	30	184	93	1921	300	1955	114	1944	17	67	2	144	197	1949	121	1956	27	1952	4	0	0
ELMDON	68.1	+1.5	54.4	+1.9	81	5	60	27	61	24	44	11	0	0	0	12.3	30	122	69	1928	266	1955	94	1944	3	14	19	86	151	1933	153	1936	11	1947	7	0	0
VALLEY	64.9	+1.2	55.4	+1.0	81	6	59	14	62	6	50	11	0	0	2	13.7	2	147	78	1913	255	1934	119	1944	8	21	3	114	181	1946	107	1956	26	1955	0	0	0
MANCHESTER	66.9	+0.8	54.6	+2.5	83	6	58	16	62	7	48	11	0	0	3	14.0	2	116	75	1945	279	1955	102	1954	10	19	21	112	158	1929	154	1939	19	1955	4	0	0
WATNALL	67.8	+1.5	53.8	+1.5	79	6	53	14	60	7	45	11	0	0	1	13.0	2	111	61	1934	241	1955	110	1937	18	17	6	71	108	1911	146	1916	1	1911	7	0	0
DISHFORTH	68.1	+1.2	55.2	+1.6	79	6	60	3	61	25	49	11	0	0	1	14.3	30	135	82	1945	262	1955	139	1954	12	22	3	98	185	1947	111	1956	20	1948	4	0	0
TYNEMOUTH	63.1	+1.2	55.2	+1.2	72	7	57	13	61	25	52	11	0	0	3	13.1	2	110	66	1937	249	1955	86	1944	16	11	3	69	113	1864	174	1949	11	1948	2	0	1
ESKDALEMUIR	64.6	+0.8	50.4	+1.8	76	6	59	13	58	7	37	2	0	0	1	13.3	2	113	82	1910	257	1955	75	1931	10	20	25	125	120	1910	243	1953	25	1912	3	0	0
RENFREW	66.4	+0.4	53.3	+1.7	77	6	60	19	59	25	46	11	0	0	5	14.2	1	137	91	1921	235	1952	86	1931	16	15	6	74	104	1920	144	1950	31	1955	3	0	0
LEUCHARS	64.2	+1.5	53.3	+2.0	72	11	57	11	58	8	45	11	0	0	6	14.2	29	120	71	1922	262	1955	91	1931	13	25	11	126	191	1922	181	1940	17	1928	0	0	0
DYCE	61.6	+2.1	50.6	+0.5	72	7	54	11	55	13	42	3	0	0	7	10.7	2	79	52	1925	263	1955	74	1931	13	54	19	198	257	1946	139	1951	25	1955	2	0	0
STORNOWAY	58.4	+2.3	50.8	+0.1	64	2	54	18	57	7	43	4	0	0	12	9.9	11	96	64	1930	227	1917	57	1939	16	10	23	60	94	1943	132	1956	14	1955	0	0	0
ALDERGROVE	63.5	+1.5	52.5	+0.9	73	5	56	21	59	25	41	11	0	0	7	14.1	2	97	71	1927	274	1955	86	1954	11	39	6	106	149	1927	155	1950	27	1935	3	0	0

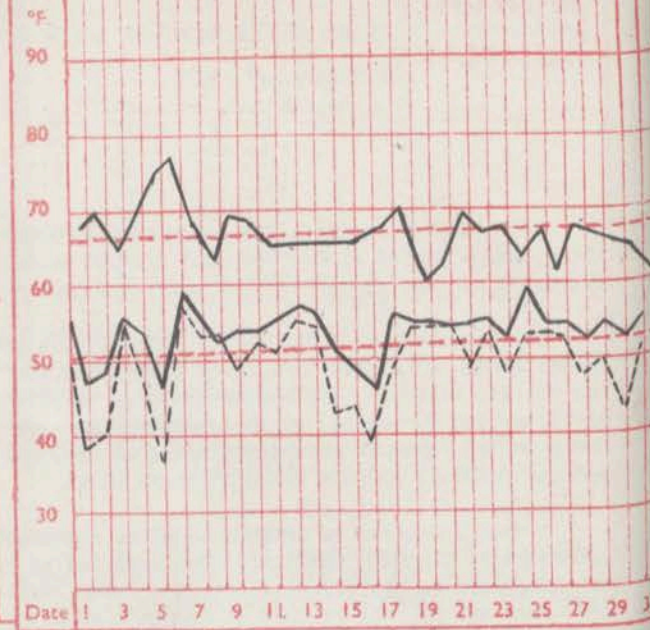
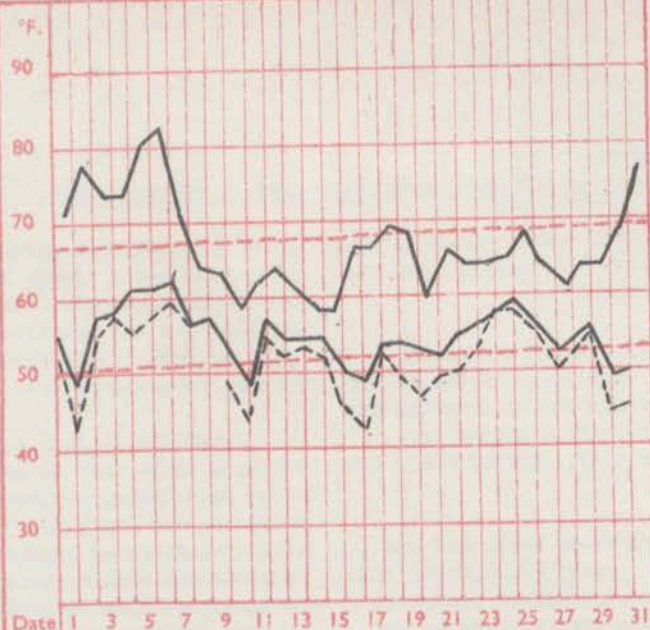
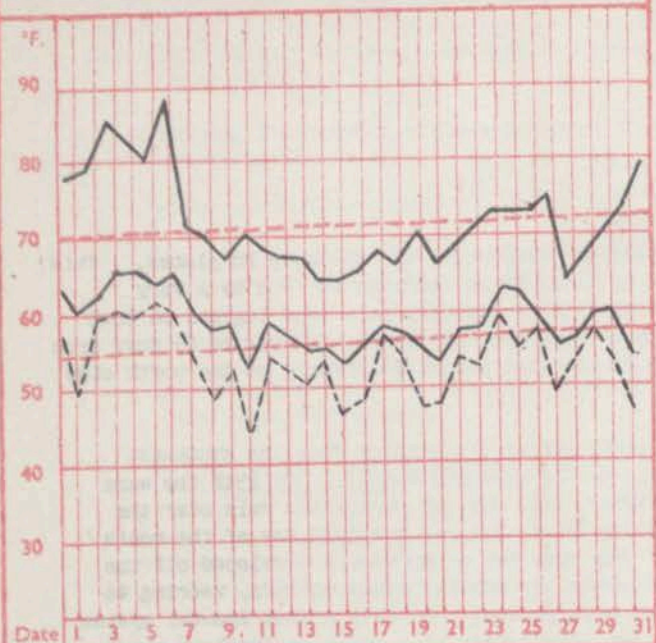
M.M.S.O. Press, M.O. Dunstable.

LONDON (KEW)

MANCHESTER (AIRPORT)

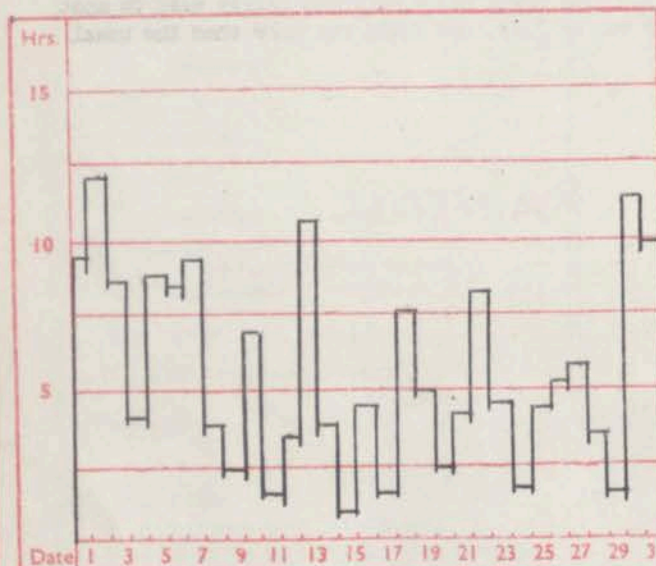
GLASGOW (RENFREW)

TEMPERATURE

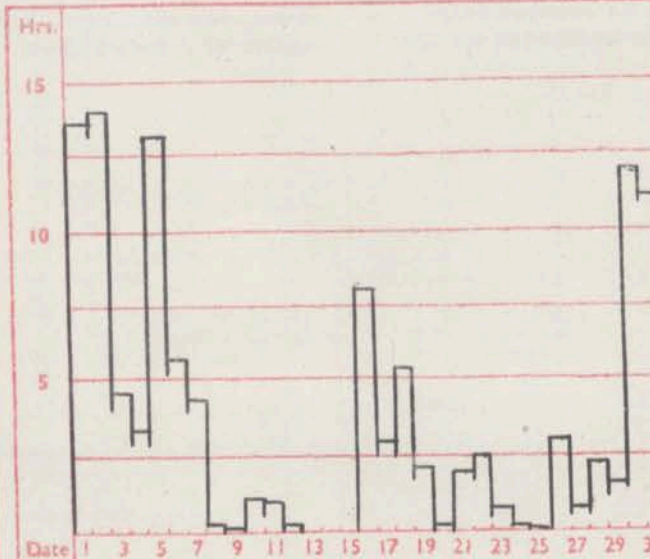


Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines. Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a dotted line. Pecked lines in red show normal values.

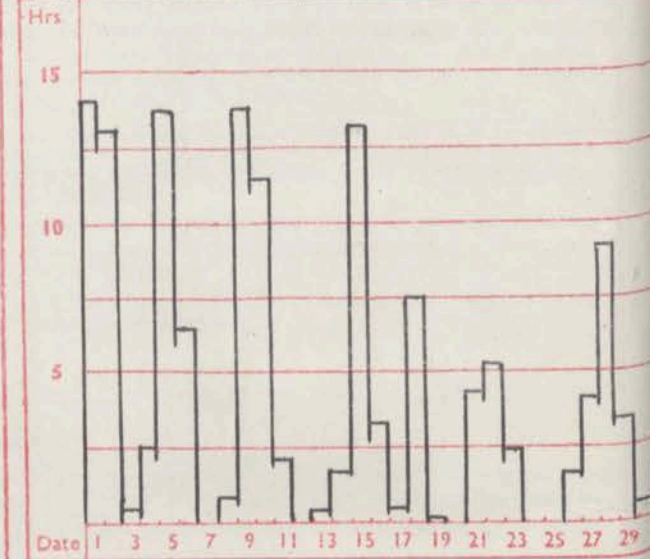
SUNSHINE



Total for month 176 hrs.
30 year (1921-1950) Average 195 hrs.



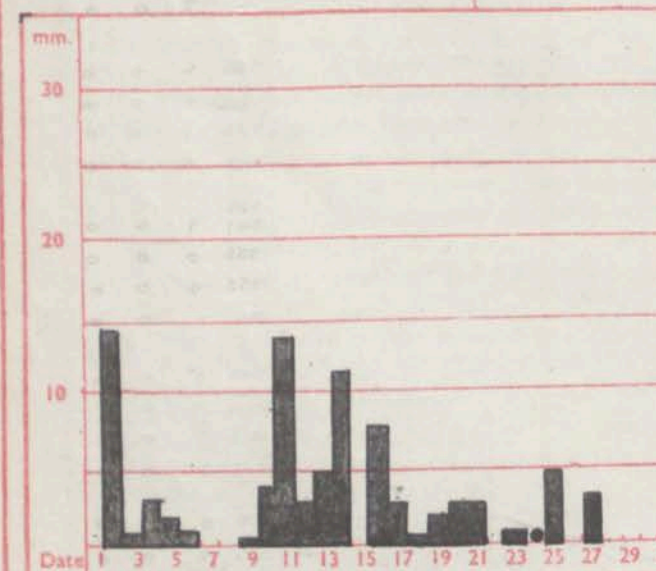
Total for month 116 hrs.
30 year (1921-1950) average 153 hrs.



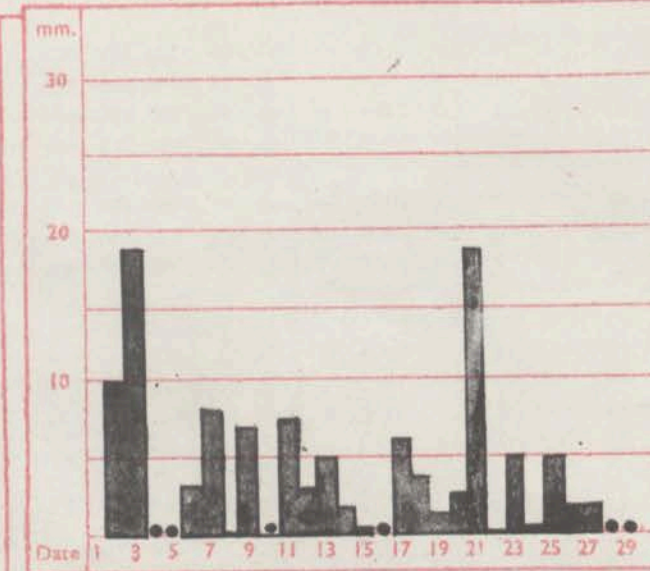
Total for month 137 hrs.
30 year (1921-1950) average 150 hrs.

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 "•"

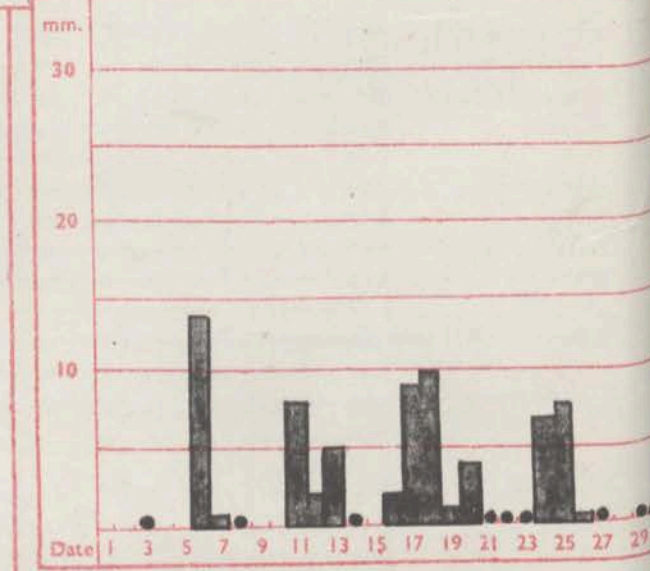
RAINFALL



Total for month 83 mm.
35 year (1881-1915) average 55 mm.



Total for month 112 mm.
35 year (1881-1915) average 71 mm.



Total for month 74 mm.
35 year (1881-1915) average 71 mm.

Corrections to Monthly Summary for June, No 18:— Dishforth - Rainfall, Total for month 42 mm., % of average 93;
Aldergrove - Lowest minimum temperature 32° on 7th and 24th,
No of air frosts 2.

Meteorological Office, Air Ministry, Kingsway, London, W.C.2
Sir Graham Sutton, C.B.E., D.Sc., F.R.S., Director.

No.

Code F.M.

Station

Kew

London

Tangmere

Hurn

Guernsey

Felixstowe

Gorleston

Mildenhall

Cardington

West Rayn

Wittering

Boscombe

Roxon-W

Bristol

Aberporth

Pembroke

Plymouth

Chivenor

St. Mawgan

Culdrose

Scilly

Elmdon

Shawbury

Manchester

Squires Gas

Valley

Ronaldsway

Silloth

Watnall

Spurn Head

Lindholme

Dishforth

Tynemouth

Eskdalemuir

West Freug

Prestwick

Renfrew

Leuchars

Dyce

Wick

Cape Wrath

Sule Skerry

Lerwick

Stornoway

Benbecula

Tiree

Aldergrove

Malin Head

Belmullet

Birr

Collinstown

Rineanna

Roches Po

Valentia

Code F.M.2

Shi

WEATHER

WEATHER

LEVERRE

POLAR F

CURRUS

U. S. SH

U. S. SH

U. S. SH

WEATHER

All times

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 12h. G.M.T. 30th June 1957OBSERVATIONS at 18h. G.M.T. 304 Jan 1957OBSERVATIONS during DAY[illegible]

12h. Ships Reports

18h. Ships Reports

Code F.M.21.A		Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar		Temp.		Waves																							
Date	Time					Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height																				
																											Est	Act	Lat	Long	N	E	S	W	PP	TT	N	E	S	W	PP	TT	N	E	S	W
WEATHER EXPLORER	587	138	7	20	22	98	02	2	681	57	1	8	4	3	-	4	1	2	08	02	51	19	3	3																						
WEATHER OBSERVER	524	199	8	26	23	91	25	8	150	56	3	2	5	7	-	0	0	2	06	52	49	23	3	8																						
LEVERER	450	160	7	20	03	75	01	1	240	66	4	8	5	0	4	0	0	1	02	01	58	25	5	2																						
POLAR FRONT	653	013 E	8	14	18	97	62	6	291	48	1	7	4	7	-	4	3	8	07	01	49	14	2	3																						
CIRRUS	619	330	9	02	11	01	47	4	071	48	4	-	0	-	-	8	1	2	15	01	48	36	4	7																						
U. S. SHIP "B"	565	510	9	14	7	02	45	4	115	43	9	-	0	-	-	0	0	2	05	52	45	14	2	4																						
U. S. SHIP "C"	528	355	8	25	10	65	02	2	145	50	8	5	5	-	-	0	0	8	07	01	48	49	7	2																						
U. S. SHIP "D"	440	410	8	18	19	63	02	6	174	60	8	6	2	-	-	0	0	8	29	02	58	19	3	4																						
U. S. SHIP "E"	360	480	2	20	14	69	02	0	264	71	2	1	5	0	0	0	0	2	00	51	63	20	1	1																						
WEATHER WATCHER	518	149	6	20	21	98	02	2	028	55	3	2	5	3	-	3	4	2	18	00	52	17	3	5																						

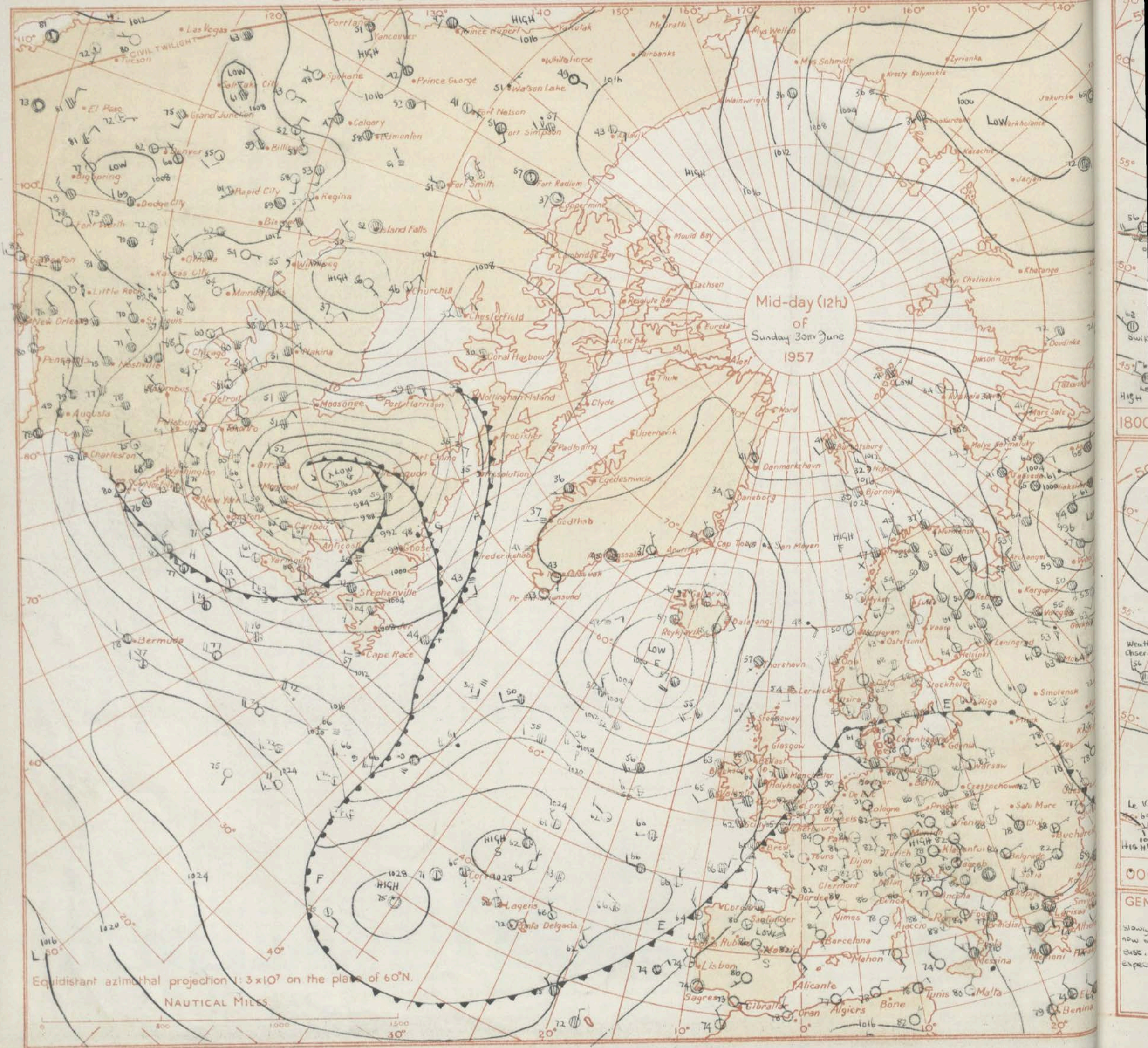
18h. Ships Reports																											
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.		Waves							
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction		Speed	Characteristic	Change in 3 hours	Sea	Dew Point	Direction	Period	Height		
Lat/Lon	Lat/Lon	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	H	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dw	Pw	Hw			
WEATHER EXPLORER	588	198	8	22	18	57	60	6	520	54	5	7	2	7	-	0	0	6	05	51	52	x	x	x			
WEATHER OBSERVER	573	199	5	25	18	49	25	6	156	56	7	3	9	2	0	0	2	02	57	50	x	x	x				
LEVERIER	450	160	4	28	08	80	02	1	232	66	3	2	9	0	1	0	0	7	06	00	57	32	5	1			
POLAR FRONT	660	020E	8	19	11	96	94	5	188	52	8	6	3	-	-	4	3	8	02	05	48	19	3	3			
CIRRUS	622	329	8	01	16	20	50	4	085	48	8	6	3	-	-	4	1	2	03	00	46	01	4	4			
U.S. SHIP "C"	528	355	8	00	00	89	02	2	129	51	8	5	3	-	-	0	0	7	14	07	48	49	x	2			
U.S. SHIP "D"	440	410	4	23	18	01	45	5	151	60	9	-	0	-	-	0	0	6	08	07	60	20	2	0			
WEATHER WATCHER	574	136	7	19	20	88	02	2	116	56	4	5	9	7	-	3	3	2	15	50	52	19	3	5			
SOUTHERN GARDEN	444	171	3	31	05	99	02	0	229	70	2	1	4	0	1	1	3	6	01	07	50	31	2	1			
SWIFTPOOL	470	183	6	20	07	98	01	2	220	67	4	2	4	0	1	1	1	1	00	00	48	20	2	1			

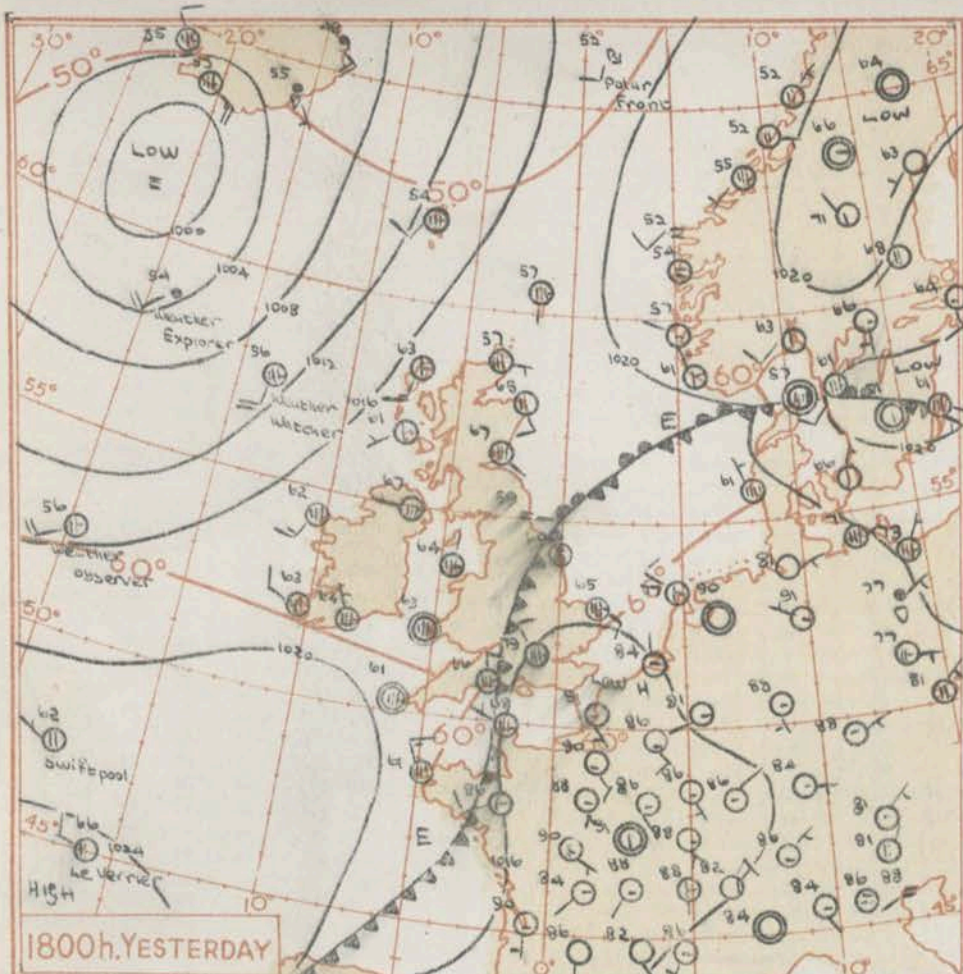
All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

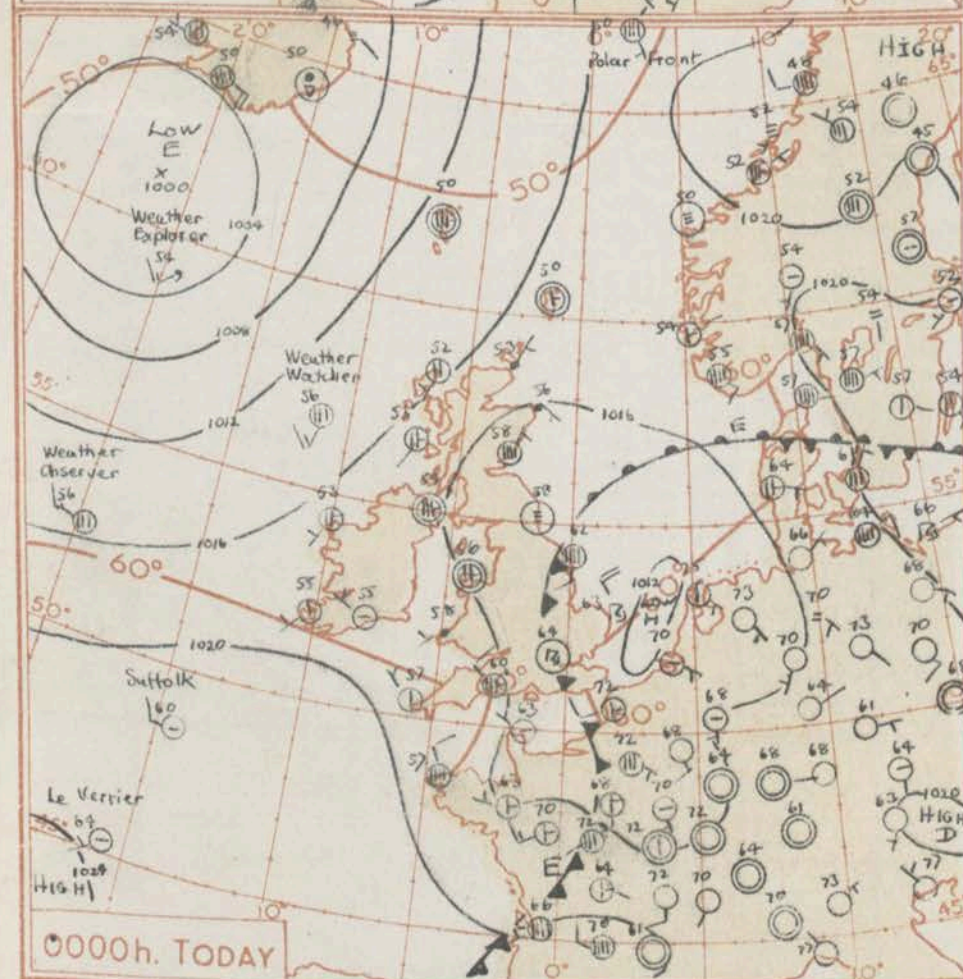
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





1800h. YESTERDAY



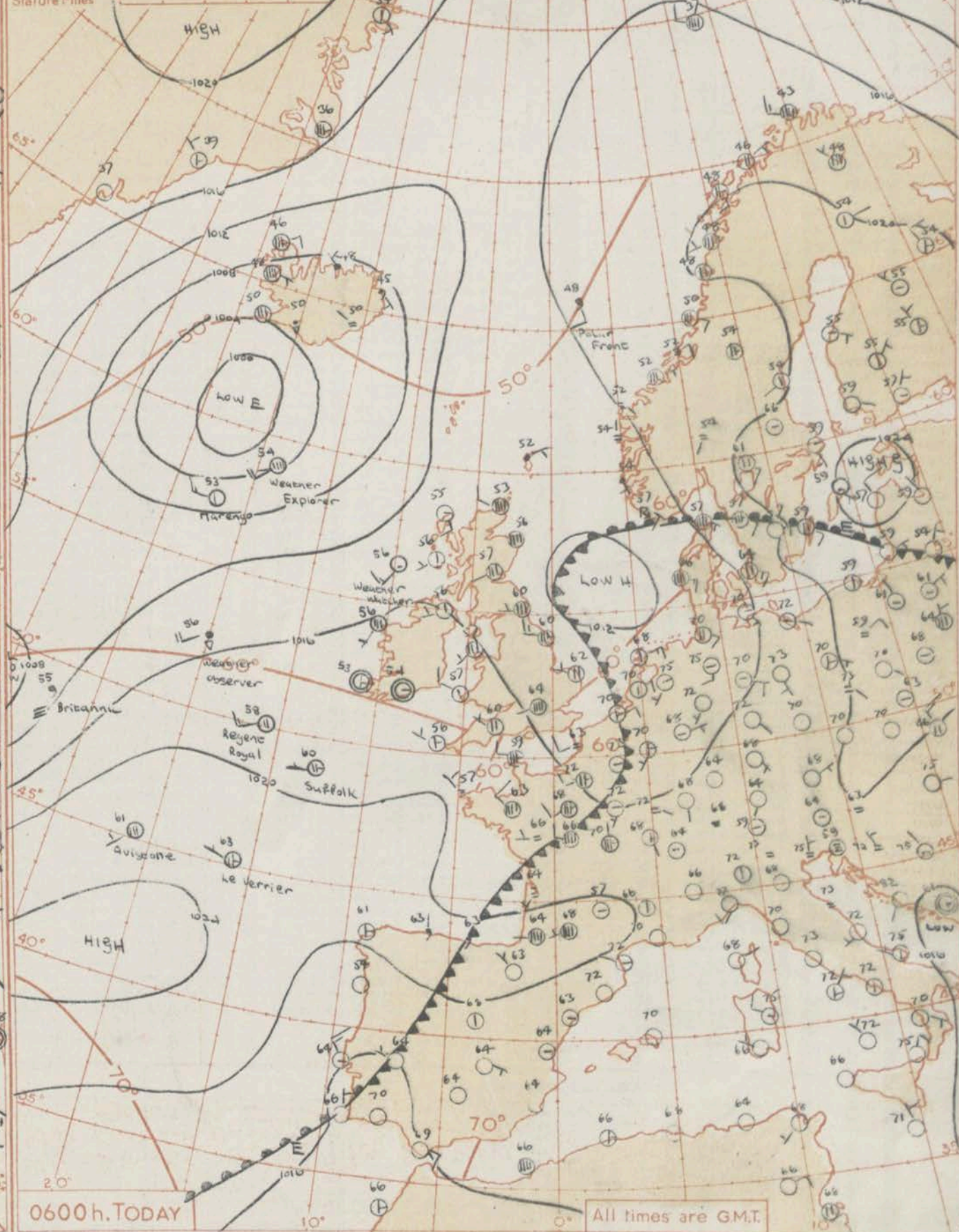
0000h. TODAY

Mean Sea surface isotherms for JULY are shown thus —50°—

SCALE 1:2x10

Nautical Miles

Statute Miles



0600h. TODAY

All times are GMT.

GENERAL SYNOPSIS DEVELOPMENT

Shallow low pressure from Spain to southeast England has moved slowly east and further progression is expected in the next 24 hours. A small low centre in the North Sea will now move away north to northeast into Scandinavia. Low pressure near Iceland will move slowly north east. A small disturbance east of Newfoundland yesterday has steered quickly east-southeast and is expected to turn a little to the left towards the British Isles.

Issued at Midday today Monday 15th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

There will be sunny periods and showers in all areas the showers being rather frequent in the north and west and mainly scattered in the south and east. Some of the showers will be heavy and squally. More general cloud will spread into western districts probably with some rain in places later in the morning.

OUTLOOK FOR the following 24 hours.

Rain spreading from the west to most areas.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 1st July 1957																									OBSERVATIONS at 06h. G.M.T. 1st July 1957																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Code FM 11.A	Station	Station Number	Wind		Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud			Dew Point Temp.	Bar.	Cloud Layers			Total Cloud	Wind		Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud			Dew Point Temp.	Bar.	Cloud Layers			Weather	Temp. 21h to 09h.		Rain 21h to 09h in mm.	State of sky around 09h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue.....Tuesday, 2nd July.....1957

OBSERVATIONS at 12h. G.M.T. 1st July 1957

OBSERVATIONS at 18h. G.M.T. 15th July 1957

OBSERVATIONS during DAY

		OBSERVATIONS at 2h. G.M.T. 1st July 1957																									OBSERVATIONS at 18h. G.M.T. 1st July 1957																							OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
STATION	Code F.M.11.A	Station Number	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Bar		Cloud Layers		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Total Cloud	Wind		Weather		Bar at M.S.L.		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12h. Ships Reports

18h. Ships Reports

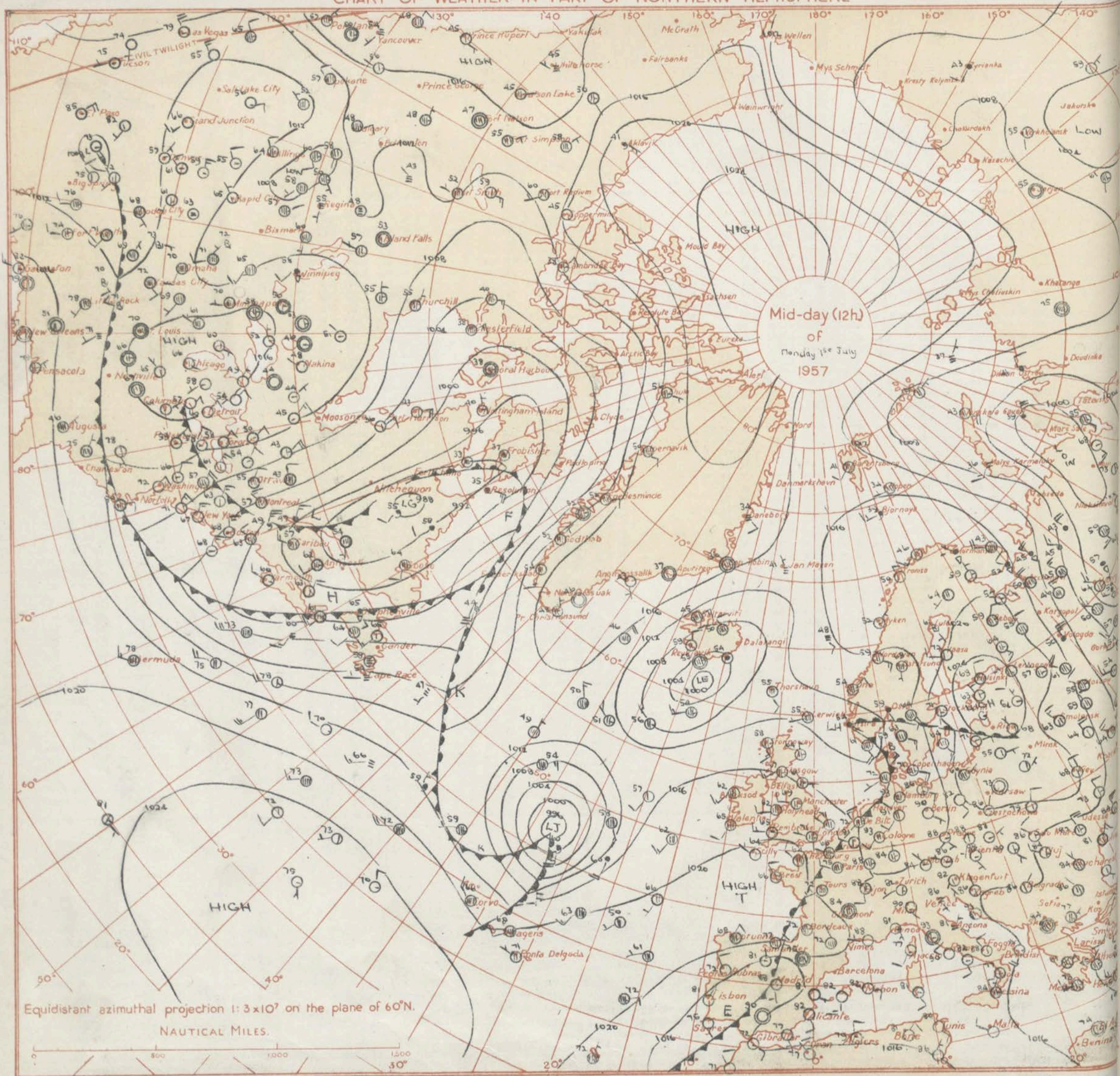
		Code F.M.21.A		12h. Ship Reports																				18h. Ships Reports																												
Direction	Period	Ship	LAT.	LONG.	Wind		Weather					Cloud		Course		Bar		Temp.		Waves				Ship	LAT.	LONG.	Wind		Weather					Cloud		Course		Bar		Temp.		Waves										
					Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point				Direction	Period	Height	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height	
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25	1	WEATHER EXPLORER	591	183	7	25	14	98	25	8	046	54	1	8	5	-	-	0	0	2	91	51	51	24	4	3	WEATHER EXPLORER	590	183	6	25	15	99	01	2	067	54	5	8	5	3	-	0	0	2	08	51	52	25	4	3	
26	4	WEATHER OBSERVER	524	202	2	21	11	99	01	1	152	57	1	1	5	3	1	0	0	2	03	52	51	23	3	4	WEATHER OBSERVER	524	201	7	16	10	99	03	2	146	58	1	3	5	3	6	0	0	8	04	51	53	18	3	4	
22	5	LE VERRIER	450	157	4	20	07	80	03	1	203	66	2	4	6	3	1	0	0	7	12	59	60	28	5	2	LE VERRIER	452	167	5	18	15	75	02	8	165	60	3	8	6	6	1	0	0	7	26	51	57	18	4	2	
49	2	POLAR FRONT	658	023 (E)	9	15	11	91	45	5	156	48	9	-	0	0	-	-	0	0	7	10	51	48	49	2	1	POLAR FRONT	658	023 E	8	10	06	95	51	4	135	48	8	6	2	-	-	0	0	7	48	51	48	49	2	1
19	3	U.S. SHIP "C"	528	355	8	36	05	65	02	2	170	49	4	5	4	1	-	-	0	0	2	15	00	42	02	2	2	CIRRUS	621	331	7	02	02	70	01	2	157	48	7	5	5	0	0	0	0	3	09	51	42	02	3	4
		WEATHER WATCHER	560	081	4	23	17	98	02	1	154	58	4	2	5	3	0	3	4	2	13	50	52	19	3	8	U.S. SHIP "C"	528	355	8	36	05	65	02	2	160	50	8	5	5	-	-	0	0	2	12	01	46	02	3	2	
		CIRRUS	621	330	8	01	19	60	02	2	140	46	6	6	2	-	-	0	0	3	22	52	43	02	3	4	U.S. SHIP "D"	440	410	3	29	17	02	48	5	136	60	9	0	-	-	0	0	2	14	01	59	49	-	-		
		U.S. SHIP "E"	350	480	2	18	09	69	02	0	265	72	2	1	5	0	-	0	0	1	02	00	64	49	-	2	WEATHER WATCHER	565	076	2	29	05	94	02	1	77	58	2	9	5	3	-	5	3	2	07	04	53	49	-	5	
		U.S. SHIP "B"	565	510	8	16	30	37	61	4	097	44	8	7	2	-	-	0	0	6	03	52	44	16	4	6	GLOUCESTER CITY	503	192	7	13	13	97	03	2	143	60	7	8	4	-	6	5	7	30	53	54	16	2	3		
23	2	REGENT ROYAL	497	167	6	21	13	98	03	0	177	62	5	2	5	9	0	5	5	6	03	00	51	28	4	6	REGENT ROYAL	490	165	7	17	09	98	03	2	158	61	7	4	-	3	0	1	5	7	20	52	40	-	-		
All times of observations are in local time.																																																				

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

* Information not usually received.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Mean Sea surface isotherms for JULY are shown thus —50—

SCALE 1:2x10

Nautical Miles

Statute Miles

Low

1016

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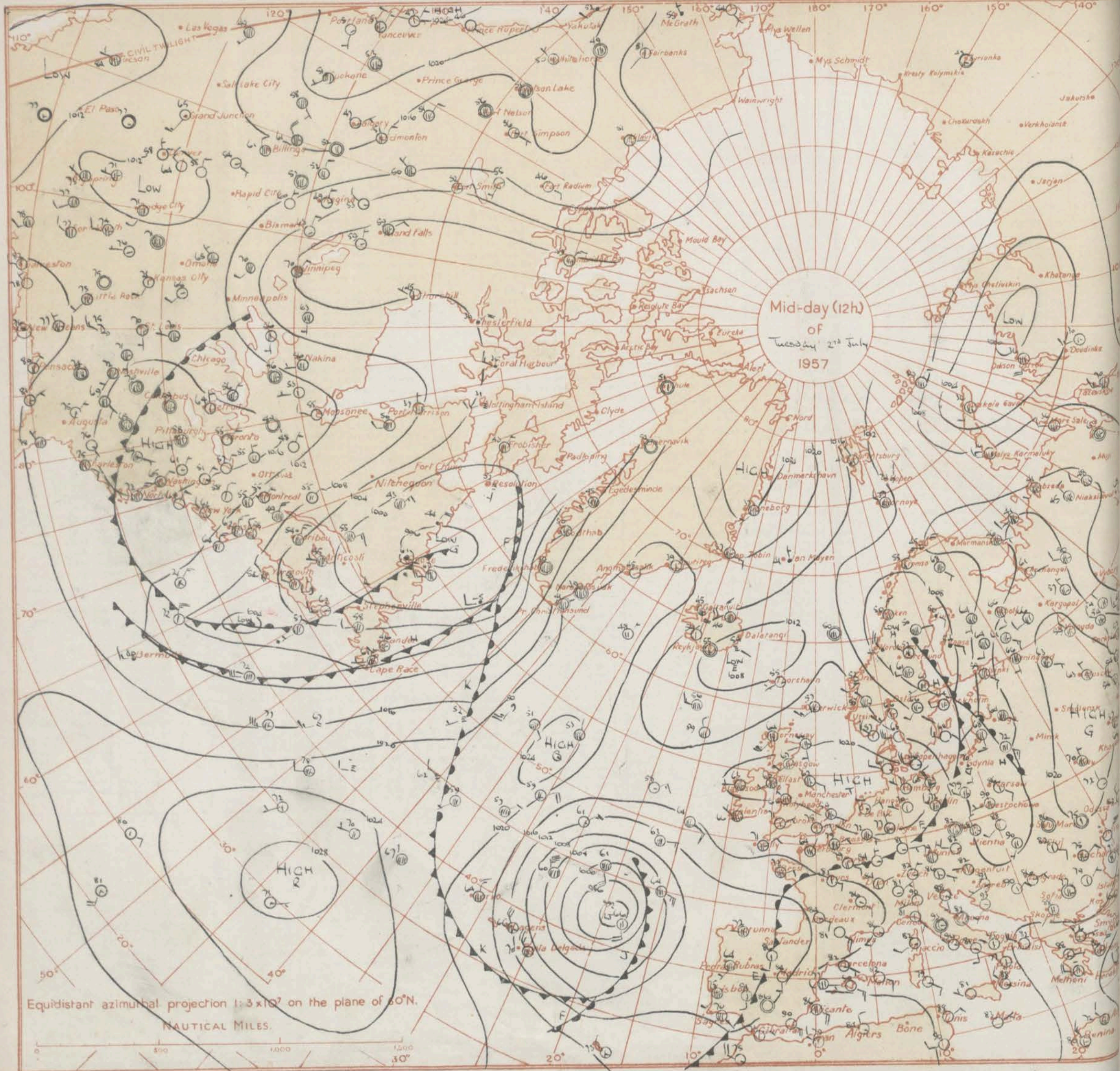
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0011

OBSERVATIONS at 18h. G.M.T. 22 July 1957

		12h. Ship Reports																	18h. Ships Reports																																																																																																																																																																		
		Code F.M.21.A		Ship	LAT.	LONG.	Total Cloud		Wind	Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course	Bar	Temp.	Waves			Ship	LAT.	LONG.	Total Cloud		Wind	Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course	Bar	Temp.	Waves																																																																																																																																												
Direction	Force	Wind	Direction				Direction	Speed		Direction	Speed	Direction	Speed	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height				Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height																																																																																																																																														
		LAT.		LONG.		N		E		W		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W		T		N		E		W	

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Mean Sea surface isotherms for
JULY are shown thus —50—

SCALE 1:2x10

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

Low 1012

1016

1020

1024

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1032

1036

1040

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1048

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1056

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1064

1068

1072

1076

1080

1084

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1100

1104

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1200

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1944

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1956

1960

1964

1968

1972

1976

1980

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1988

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2004

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2012

2016

2020

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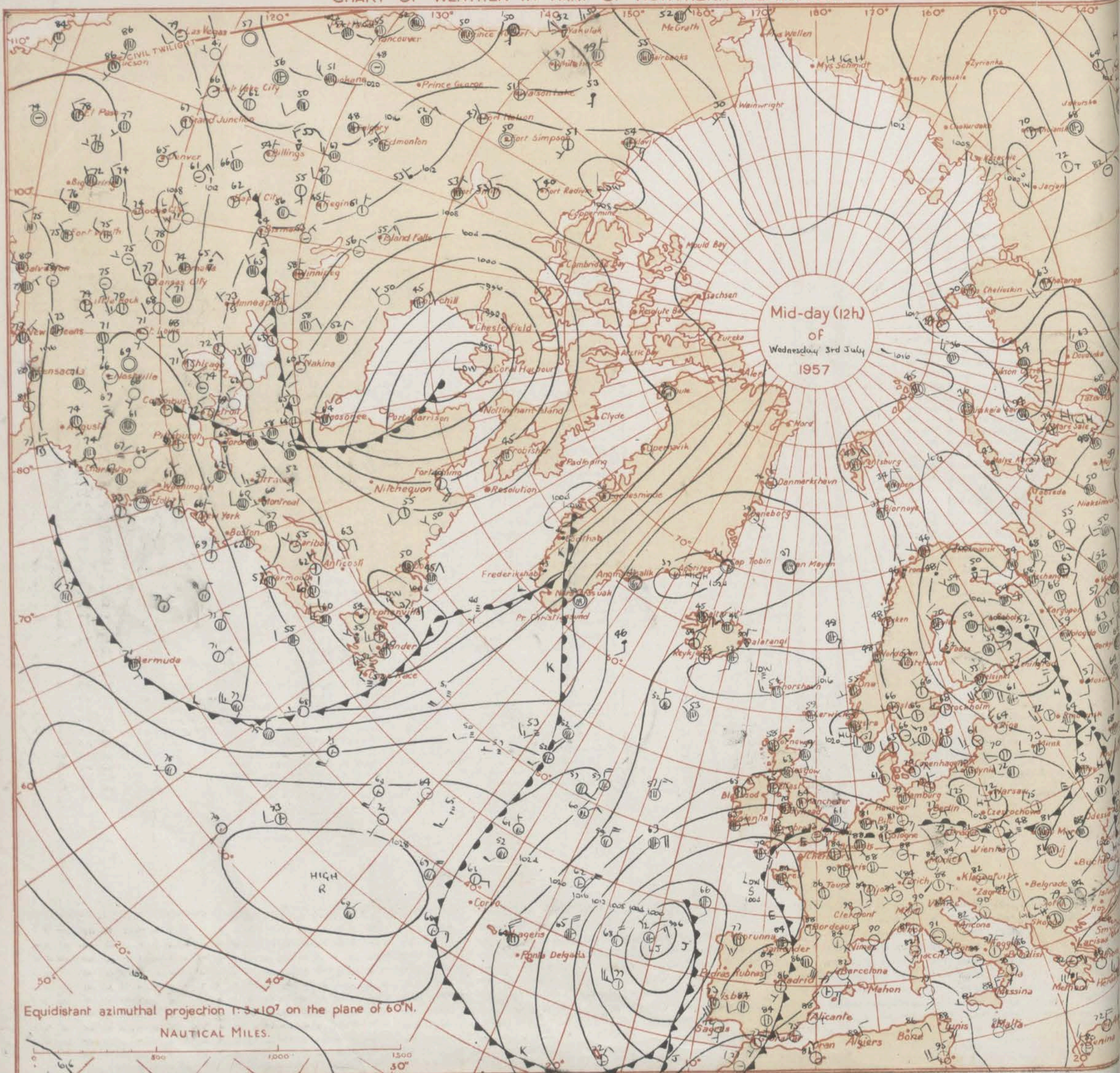
21

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

[illegible]

00h. Ships Reports																				06h. Ships Reports																															
Code FM 21 A		LAT.	LONG.	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Course	Bar	Temp.	Waves		Ship	LAT.	LONG.	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Course	Bar	Temp.	Waves																
Ship	Total Cloud			Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High				Direction	Speed				Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height	Total Cloud	Direction	Speed				Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
WEATHER EXPLORER	520	192	6	30	10	98	02	2	174	54	6	5	6	1	1	0	0	2	11	51	46	29	3	2	WEATHER EXPLORER	520	190	8	30	12	98	03	2	174	52	8	5	6	1	1	0	0	2	11	51	46	29	3	2		
WEATHER OBSERVER	522	201	1	36	20	99	02	0	199	57	1	1	0	0	0	0	1	2	08	52	48	36	3	3	WEATHER OBSERVER	520	199	7	35	16	99	05	8	188	56	7	5	4	1	1	0	0	1	2	06	52	48	36	3	3	
WE VERRIER	453	139	8	11	28	65	03	2	046	66	6	0	4	1	1	2	3	8	01	02	01	11	4	5	CAPTAIN COOK	440	231	9	32	30	97	15	6	010	62	7	5	9	0	0	0	0	2	18	52	55	1	4	5		
POLAR FRONT	601	023(E)	8	12	09	97	02	2	173	50	0	0	0	0	0	3	1	3	11	00	46	03	4	3	WE VERRIER	453	127	7	11	31	65	00	2	018	66	4	8	4	1	1	0	0	2	18	52	60	10	4	5		
CIRRUS	620	331	6	17	06	75	03	1	331	48	0	0	0	0	0	3	1	3	11	00	46	03	4	3	POLAR FRONT	601	021(E)	7	12	10	99	02	2	173	48	7	5	9	0	0	0	0	2	18	52	45	49	2	4		
U.S. SHIP "C"	528	355	8	18	23	65	02	2	220	51	9	1	4	1	1	0	0	8	02	01	48	17	2	4	CIRRUS	619	329	8	17	08	70	03	2	212	48	1	1	4	1	0	0	0	2	18	52	48	1	4			
U.S. SHIP "J"	440	410	9	27	06	00	48	4	250	62	9	1	0	0	1	0	0	2	08	51	62	26	2	2	SAKONIA	503	311	8	00	00	98	02	2	242	54	9	0	5	1	1	0	0	2	18	52	48	1	4			
AXELDYK	495	127	2	07	18	98	02	1	124	61	2	0	0	0	0	2	5	7	06	00	58	17	3	4	U.S. SHIP "J"	440	410	9	18	05	00	45	4	250	62	9	1	0	0	1	1	0	0	2	18	52	47	1	4		
STAVANGERFJORD	587	142	4	26	09	97	02	1	170	56	2	0	0	0	0	2	6	2	00	00	27	26	1	2	EMPERESS OF FRANCE	547	226	7	26	13	98	16	2	209	54	7	0	4	1	1	0	0	2	18	52	47	1	4			
EMPERESS OF FRANCE	542	254	8	36	13	98	03	2	221	53	0	0	0	0	0	2	6	4	00	00	53	47	1	1	PORT FAIRY	491	101	8	07	09	98	03	1	074	62	7	0	4	1	1	0	0	2	18	52	47	1	4			

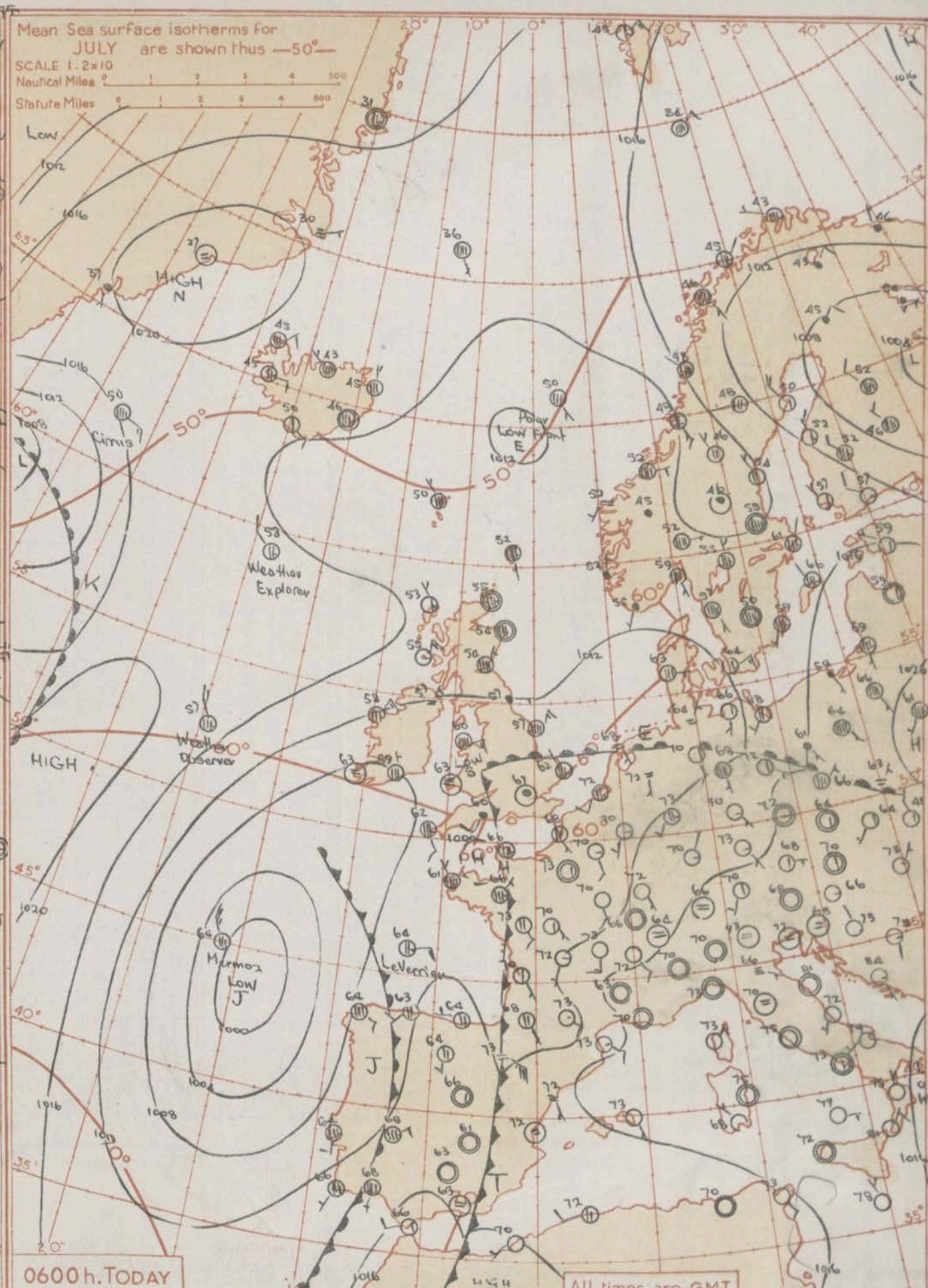
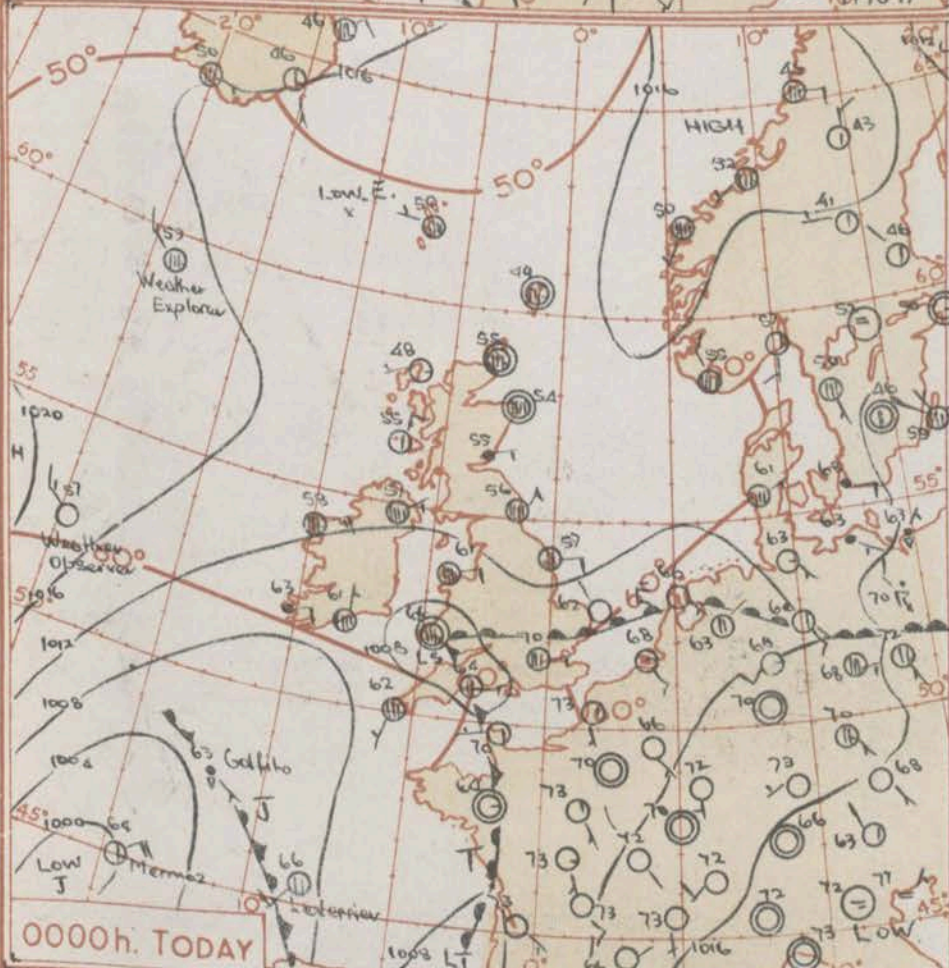
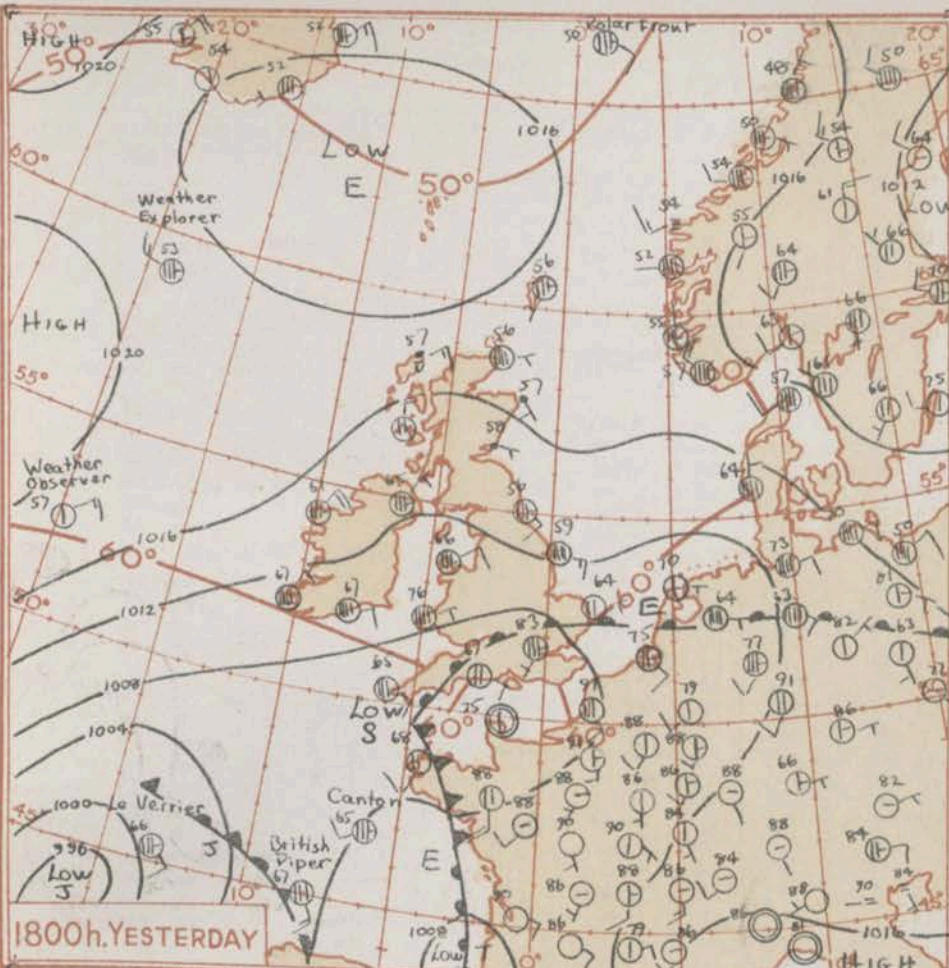
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Mid-day (12h)
of
Wednesday 3rd July
1957

Equidistant azimuthal projection 1:3x10⁷ on the plane of 60°N.
NAUTICAL MILES.

High
59
Weather
Observ
57
1800
50
60
55
1020
1017
1016
1012
1008
1004
45
1000
Low
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GENE
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tower
Spain.



GENERAL SYNOPSIS DEVELOPMENT
 High pressure continues over east Greenland, while the frontal system over and south of Greenland continues slowly eastwards. There are signs of a warm front wave just east of the southern tip and this is expected to move east during the next 24 hours. The deep low west of Spain has filled up somewhat and filling is expected to continue, with only a slow drift east of the centre. Minor thundery depressions are forming on the front affecting the British Isles but these are expected to have moved away east by tomorrow although a trough of low pressure will still connect with the depression off Spain.

Issued at Midday today Thursday 4th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow
 East Scotland will be mainly cloudy with a little rain or drizzle in places. West Scotland will have sunny periods. Over the rest of the British Isles there will be mostly a good deal of cloud with thundery rain or thunderstorms in places but many areas will have bright intervals also. It will be mainly rather warm or warm.

OUTLOOK FOR the following 24 hours
 Probably little change.

All times are GMT.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

[illegible]

00h. Ships Reports																										06h. Ships Reports																															
Code FM 21.A		LAT.	LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.	Waves		Ship	LAT.	LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.	Waves														
Ship	Direction			Speed	Visibility	Present	Past	Amount	Low			Height	Medium	High	Direction	Speed	Character & Change in 3 hours	Sea			Dew Point	Direction				Period	Height	Direction	Speed	Character & Change in 3 hours	Sea			Dew Point	Direction	Period	Height	Direction	Speed	Visibility			Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Character & Change in 3 hours	Sea	Dew Point	Direction	Period	Height
LatLgt	LonLgt	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	L	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	LatLgt	LonLgt	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	L	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw										
WEATHER EXPLORER	589	159	7	32	16	98	03	1	167	52	7	8	5	-	-	0	0	A	00	52	47	31	3	3	POLAR FRONT	060	020 (S)	7	12	05	98	15	8	130	50	5	8	1	6	-	0	0	7	04	00	48	49	2	2	2							
WEATHER OBSERVER	524	199	0	31	17	99	01	1	187	57	2	2	9	0	G	0	0	A	00	51	46	01	2	2	WEATHER OBSERVER	524	199	7	35	20	98	02	2	177	57	6	8	9	0	1	8	1	6	11	51	45	36	3	3	3							
NEARNOZ	451	149	3	04	22	60	01	8	996	64	3	8	5	0	0	6	3	6	03	51	61	03	3	2	CIRRUS	620	330	8	11	4	65	02	2	160	50	8	0	9	7	1	3	1	7	10	91	42	12	2	2	2							
CIRRUS	620	331	8	10	12	75	02	6	182	48	8	0	J	J	1	8	6	0	08	01	42	20	4	2	WEATHER EXPLORER	589	189	5	32	12	98	01	2	166	53	5	8	5	0	0	0	0	A	00	53	46	32	3	3	3							
EMPIRE ORWELL	426	100	7	15	20	58	02	1	059	62	1	6	A	1	1	0	0	0	00	00	62	15	3	4	U.S. SHIP "C"	528	358	5	20	6	01	45	4	144	54	5	1	0	0	0	0	0	0	7	10	03	53	23	3	3	3						
U.S. SHIP "C"	529	355	5	20	15	01	47	2	165	62	0	0	0	0	1	0	0	0	J	10	02	22	3	3	U.S. SHIP "D"	440	410	5	20	15	00	45	4	120	62	5	1	0	0	0	0	0	0	7	15	00	63	20	3	3	3						
U.S. SHIP "D"	440	410	5	20	18	02	45	4	221	63	0	0	1	0	1	0	0	0	0	00	63	20	3	3	NEARNOZ	451	161	6	35	23	60	03	6	010	64	4	2	2	0	0	6	3	1	10	00	64	35	2	2	2							
LE VERRIER	458	085	4	21	14	67	01	1	081	66	3	8	A	0	0	2	A	2	13	02	63	20	3	4	LE VERRIER	458	066	5	07	19	97	01	8	098	64	4	5	9	4	1	2	A	2	10	61	63	09	2	2	2							
SAXONIA	506	212	4	01	18	98	01	1	189	57	A	A	0	1	1	2	J	7	16	53	49	1	1	WINCHESTER CASTLE	467	067	6	00	08	98	03	1	093	64	6	7	A	0	0	1	7	2	01	51	62	01	1	1	1								
GOLFITO	477	121	6	13	05	99	00	8	052	63	6	J	A	1	1	5	6	A	00	51	60	1	1	GRONTES	460	074	8	18	05	99	02	2	01	64	8	5	6	7	1	1	6	2	03	51	64	18	2	2	2								

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue..... Friday, 5th July 1957

OBSERVATIONS at 12h. G.M.T. 4th July 1957

OBSERVATIONS at 18h. G.M.T.

4th July 1957

OBSERVATIONS during DAY

NIGHT	OBSERVATIONS at 18h. G.M.T. 4th July 1957																									OBSERVATIONS during DAY														
	Code F.M.11.A		Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground	
	Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground			
	Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground			
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
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Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
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Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
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Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
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Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
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Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
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Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station		Wind		Weather		Bar		Cloud		Temp		Cloud Layers		Wind		Weather		Bar		Cloud		Temp		Bar		Cloud Layers		Weather		Max Temp.		Sunshine		Rain		State of ground				
Station																																								

Code F.M.21.A		12h. Ships Reports																				18h. Ships Reports																			
Direction	Period	Ship	LAT.	LONG.	Total Cloud	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar		Temp.		Waves																		
						Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height															
Lat	Long	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	H	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw																	
49	2	WEATHER EXPLORER	589	188	7	30	05	99	03	1	79	54	2	2	5	0	6	0	0	3	05	01	44	32	3	2															
36	3	WEATHER OBSERVER	525	200	2	02	14	99	01	2	185	57	1	1	5	0	5	0	0	2	06	51	50	01	3	4															
12	4	REARMOZ	452	162	7	35	30	03	8	040	64	6	8	5	0	0	0	1	10	01	61	36	6	4																	
32	7	POLAR FRONT	661	021(E)	7	08	06	97	02	8	127	50	5	8	4	6	-	0	0	7	03	51	50	49	2	1															
22	3	U.S. SHIP "C"	528	355	9	18	15	01	45	4	139	54	9	-	0	-	-	0	0	7	03	04	53	19	2	4															
30	3	U.S. SHIP "D"	440	410	3	20	26	01	45	4	235	64	9	-	0	-	-	0	0	8	02	02	64	15	-	-															
35	3	U.S. SHIP "D"	619	329	8	10	20	65	61	2	103	48	3	1	8	0	7	8	5	0	57	01	44	13	4	3															
08	1	LE VERRIER	459	049	2	03	10	97	03	1	121	66	2	0	9	4	0	2	4	2	03	01	61	07	3	1															
01	2	ALCANTARA	374	108	3	25	18	99	02	0	134	70	3	5	5	0	0	1	6	1	05	51	66	23	2	4															
18	2	NEW YORK CITY	507	120	2	03	15	98	01	0	165	63	2	2	5	0	1	2	5	6	05	01	50	03	2	4															
All times of observation																																									

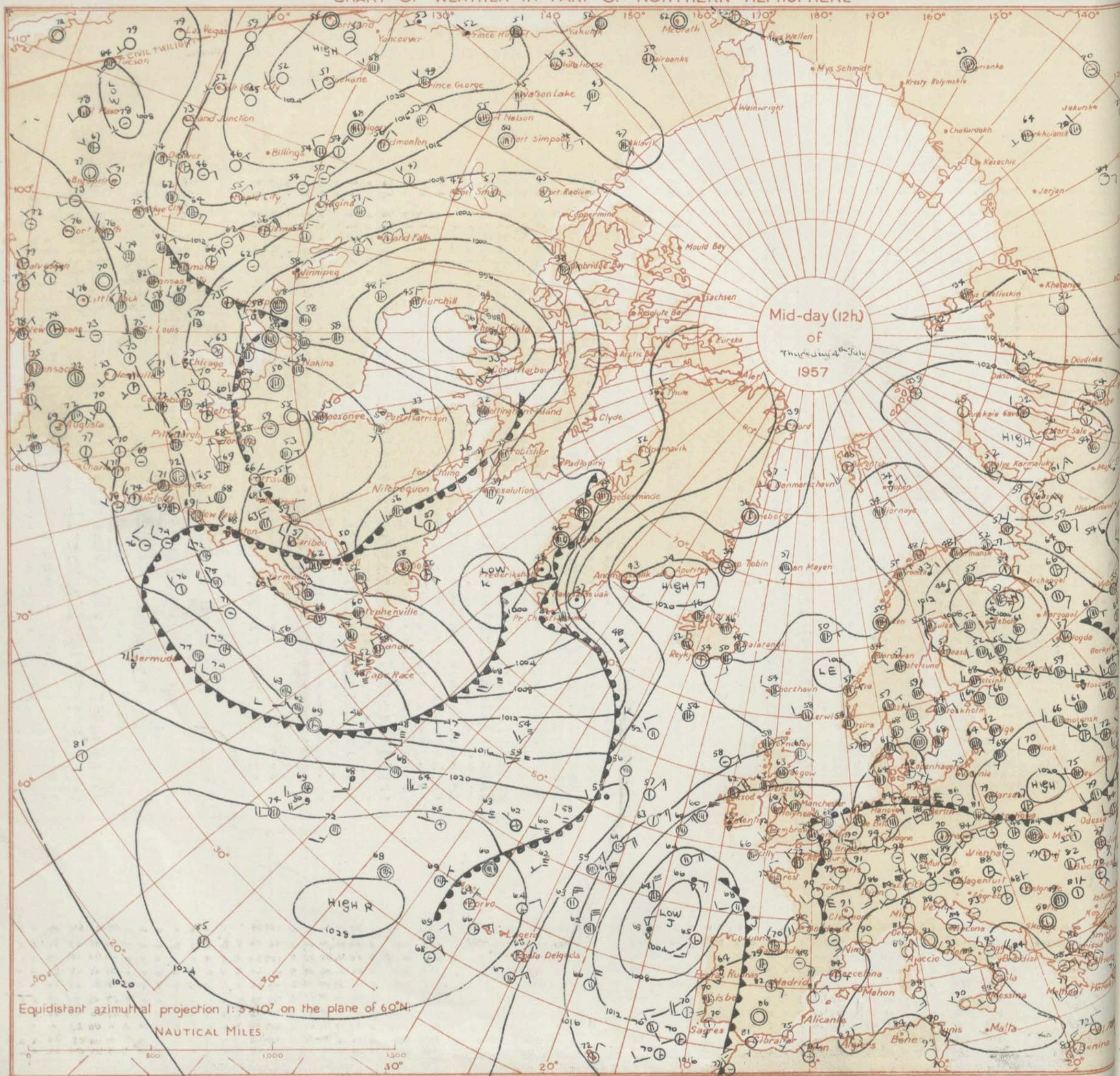
Direction	Period	Ship	LAT.	LONG.	Total Cloud	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar		Temp.		Waves			
						Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
Lat	Long	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	H	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw		
52	4	WEATHER OBSERVER	524	198	1	02	12	99	02	0	193	58	1	1	6	0	0	0	0	1	02	51	60	01	2	3
36	3	WEATHER EXPLORER	589	189	4	24	06	99	01	2	182	56	3	2	9	3	0	0	7	02	51	42	31	3	2	
12	4	POLAR FRONT	662	021(E)	6	06	06	98	15	8	129	50	7	2	4	4	1	0	0	2	04	00	48	49	2	1
32	7	LE VERRIER	485	160	6	36	32	68	25	8	041	64	5	9	4	4	0	0	1	02	02	63	36	6	6	
22	3	CIRRUS	619	329	8	10	23	65	63	5	119	48	4	7	4	2	1	0	0	1	02	01	46	14	4	4
30	3	U.S. SHIP "C"	528	355	9	23	17	18	10	4	123	53	9	-	0	-	-	0	0	3	07	03	53	19	2	4
35	3	U.S. SHIP "D"	440	410	8	27	13	18	16	4	221	52	8	0	6	2	1	0	0	2	03	00	63	20	2	5
08	1	RUNSWICK	511	226	6	23	05	99	01	2	208	59	3	6	6	2	1	2	5	4	1	00	53	1	-	-
01	2	KEYSTONE STATE	463	282	8	29	05	97	10	4	227	66	8	0	4	2	1	0	0	4	00	05	58	19	2	2
18	2	SYN JEWEL	418	238	7	00	20	99	03	1	207	62	7	4	0	1	1	0	0	2	13	03	54	02	4	2

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

* Information not usually received.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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

NAUTICAL MILES.

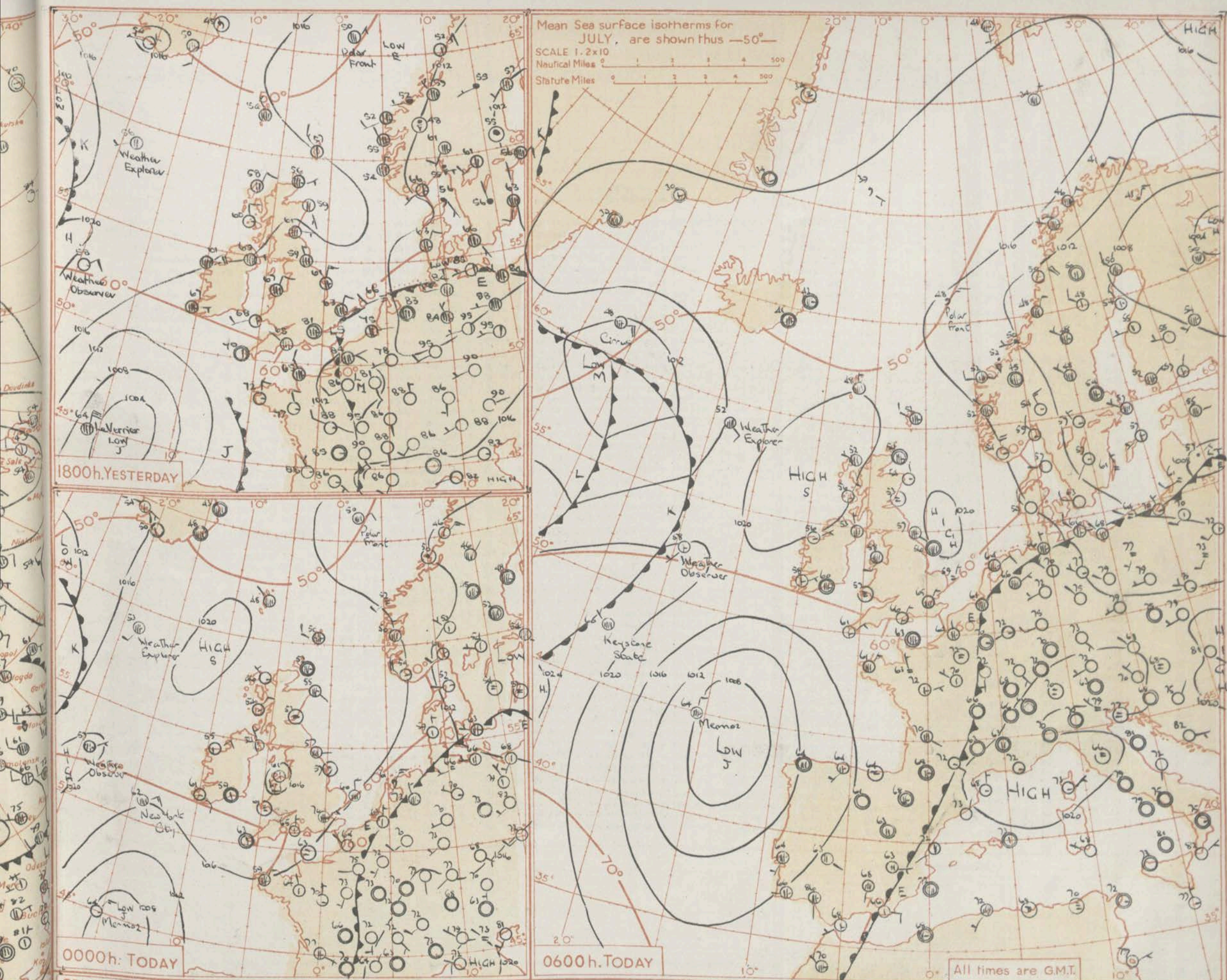
Mid-day (12h)
of
Thursday 4th July
1957

1800h

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GENER.

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GENERAL SYNOPSIS DEVELOPMENT

Pressure continues high over southeast Greenland, and a small anticyclone has extended to west of Scotland. This anticyclone is expected to move west followed by a depression from southwest of Iceland. The depression off northwest Spain continues to drift northeast. The boundary trough of low pressure extending yesterday across southern England has moved southeast into France and this direction of movement will probably continue. Changes over the Mediterranean continue slow and small.

Issued at midday today Friday 5th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Northern Ireland and the western half of Britain will be mainly bright and warm today but increasing cloud followed by rain or drizzle is expected in northwest districts during tomorrow. The eastern half of Britain will probably be mainly cloudy at first, but many places will soon become warm and sunny. Tonight cloud and fog will probably return, then gradually clear again during tomorrow.

OUTLOOK FOR following 24 hours:

Probably cloudy with some rain or showers in the northern half of the country. Doubtful but probably dry and rather warm over the southern half.

H.M.S.O. Press, M.O., Dublin

No. 34925

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue... Saturday 6th July 1957

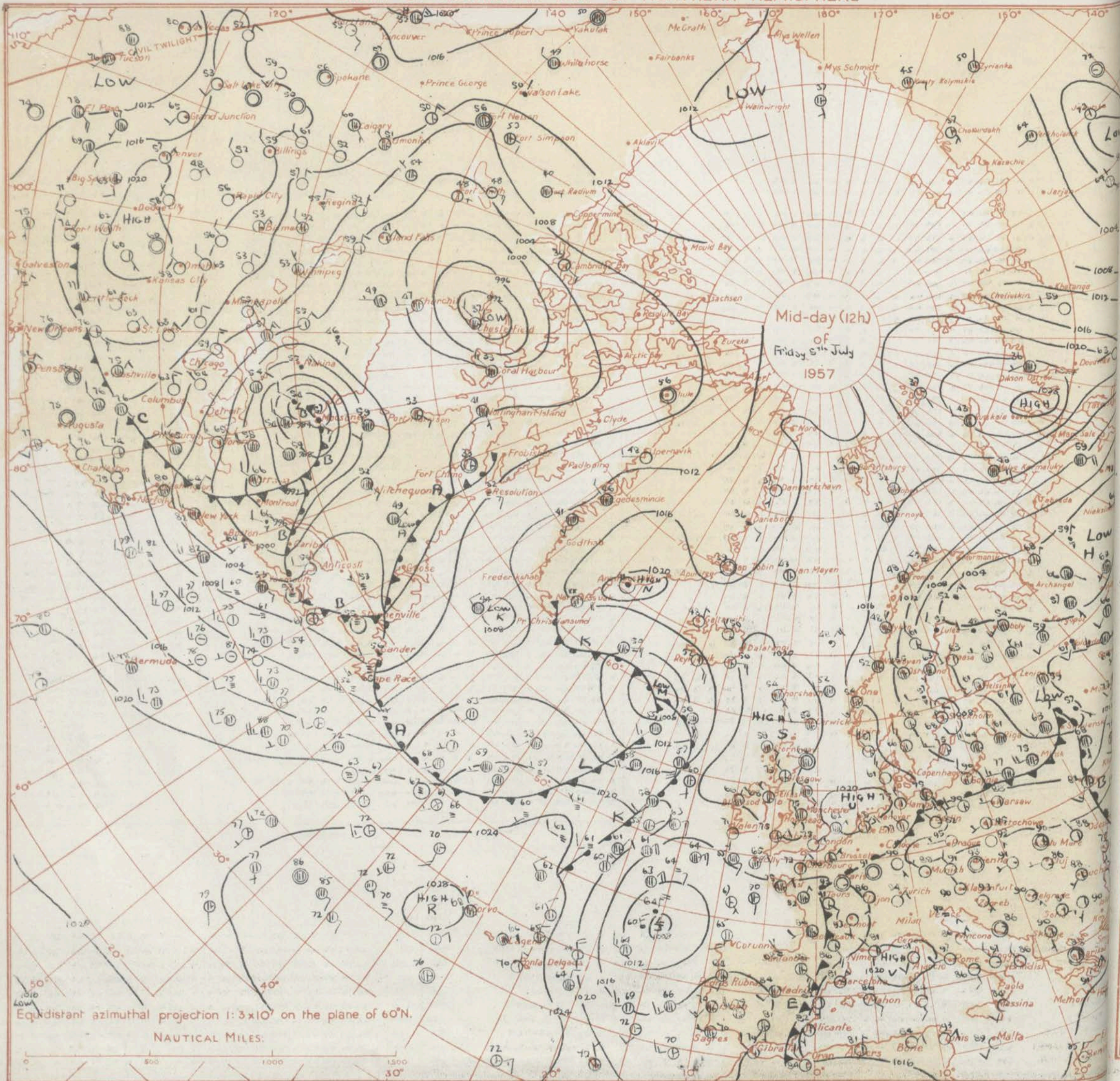
OBSERVATIONS at 12h. G.M.T. 5th July 1957

OBSERVATIONS at 18h. G.M.T. 5th July 1957

OBSERVATIONS during DAY

OBSERVATIONS at 21h. G.M.T. 5th July 1957																										OBSERVATIONS at 18h. G.M.T. 5th July 1957																										OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Code F.M.11.A		Station	Station Number	Wind		Weather		Cloud					Dew Point Temp.	Bar		Cloud Layers					Wind		Weather		Dew Point Temp.	Cloud					Bar		Cloud Layers					Weather		Max Temp. 09h. to 21h.	Sunshine	Rain 09h. to 21h. mm.	State of ground 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Rain 21h. to 09h. mm.	Direction			Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height		Medium	High	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Direction		Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Character	Change in 3 hours	Amount					Form	Height	Amount	Form	Height	09h. to 15h.	15h. to 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Mean Sea surface isotherms for JULY are shown thus —50°—

SCALE 1:2x10

Nautical Miles

Statute Miles

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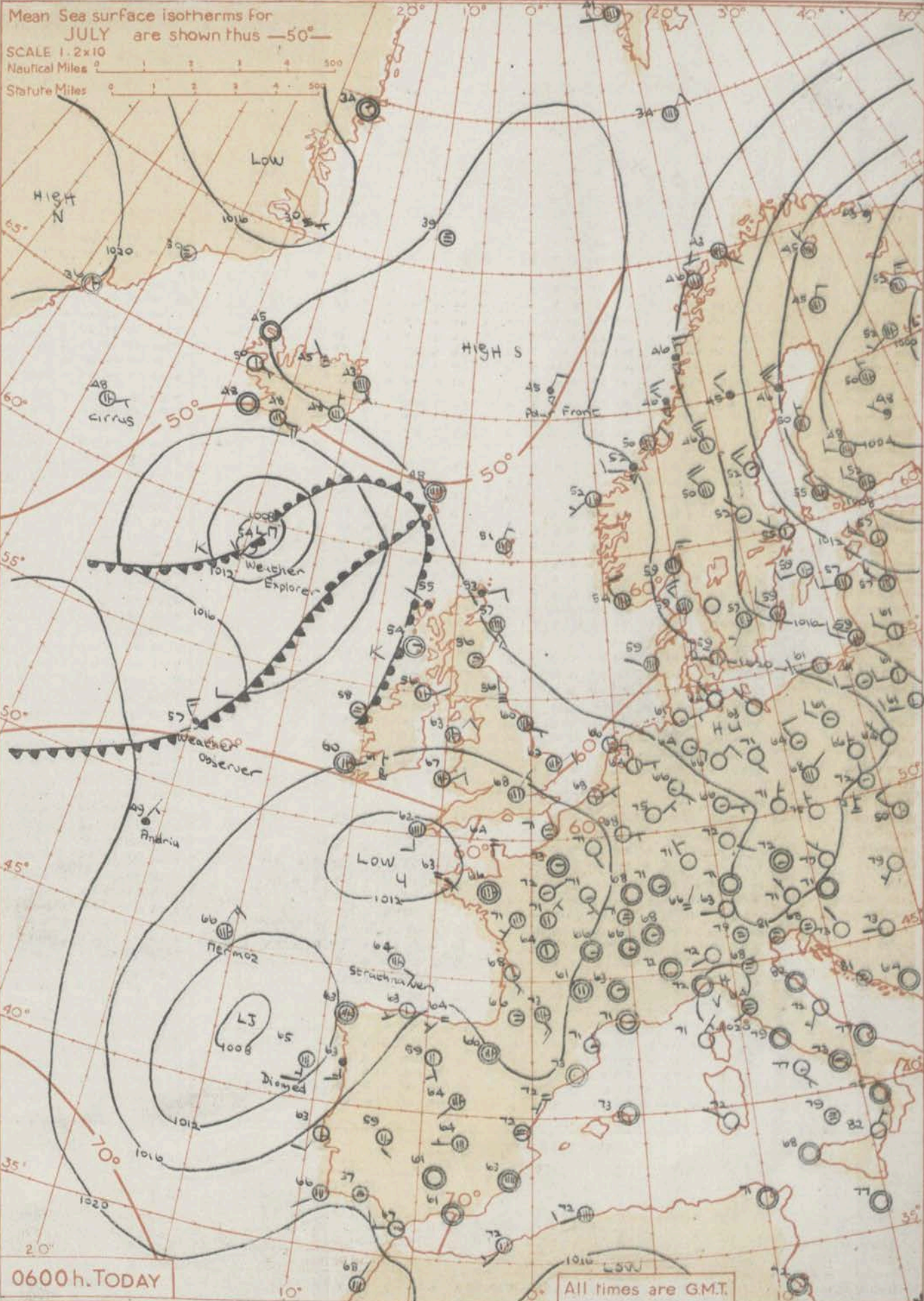
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1800h. YESTERDAY

0000h. TODAY

0600h. TODAY

FORECAST FOR BRITISH ISLES until noon tomorrow

Although it will be sunny and very warm in places at first this afternoon, outbreaks of rain are expected to become more widespread over the British Isles and thunderstorms are also likely to occur especially over England and Wales during the evening and night, with perhaps hail in places.

OUTLOOK FOR following 24 hours:-

Further outbreaks of rain and thunderstorms are expected to affect most districts of the British Isles.

GENERAL SYNOPTIC DEVELOPMENT

A depression to the south of Iceland is expected to move east or south of East into northwest coastal districts of the British Isles. The anticyclone which moved southeast over the North Sea, will continue moving southeast. The depression about 200 miles west of Cape Finisterre will be slow moving, whilst a secondary depression which has become detached from the Finisterre depression and which has moved into southwest England is expected to continue on a north to northeast track over England.

Issued at midday today Saturday 6th July 1957

All times are GMT.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 6 th July 1952																								
OBSERVATIONS at 06h. G.M.T. 6 th July 1952																								
OBSERVATIONS during NIGHT																								
Code FM 11.A	Station	Station Number	Total Cloud	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud	Cloud Temp.	Bar.	Cloud Layers	Cloud	Cloud Temp.	Bar.	Cloud Layers	Cloud	Cloud Temp.	Bar.	Cloud Layers	Cloud	Cloud Temp.	Bar.	Cloud Layers
	Kew	775																						
	London Airport	772																						
	Tangmere	874																						
	Hurn	862																						
	Guernsey	894																						
	Felixstowe	697																						
	Gorleston	497																						
	Mildenhall	578																						
	Cardington	559																						
	West Raynham	485																						
	Wittering	462																						
	Boscombe Down	746																						
	Ross-on-Wye	627																						
	Bristol	628																						
	Aberporth	502																						
	Pembroke Dock	604																						
	Plymouth	827																						
	Chivenor	707																						
	St. Mawgan	817																						
	Culdrose	809																						
	Scilly	804																						
	Elmdon	534																						
	Shawbury	414																						
	Manchester	334																						
	Squires Gate	318																						
	Valley	302																						
	Ronaldsway	204																						
	Silloth	214																						
	Watnall	354																						
	Spurn Head	396																						
	Lindholme	362																						
	Dishforth	261																						
	Tynemouth	262																						
	Esksdalemuir	162																						
	West Freugh	130																						
	Prestwick	135																						
	Renfrew	141																						
	Leuchars	171																						
	Dyce	091																						
	Wick	075																						
	Cape Wrath	049																						
	Sule Skerry	010																						
	Lerwick	005																						
	Stornoway	026																						
	Benbecula	022																						
	Tiree	100																						
	Aldergrove	917																						
	Malin Head	980																						
	Belmullet	976																						
	Birr	965																						
	Collinstown	969																						
	Rineanna	962																						
	Roches Point	952																						
	Valentia	953																						

00h. Ships Reports

Code FM 21.A	Ship	LAT.	LONG.	Total Cloud	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud	Course	Bar	Temp.	Waves
	WEATHER EXPLORER	591	191	8	19	09	97	15	6	089	54	3	5	4
	WEATHER OBSERVER	524	199	8	20	11	93	63	5	166	58	9	-	0
	HERIOT	452	158	4	02	18	65	02	1	125	66	4	2	4
	POLAR FRONT	661	019(E)	8	36	10	98	02	2	213	46	8	8	5
	CIRRUS	619	329	6	04	09	75	03	1	184	50	4	5	4
	U.S. SHIP "C"	528	355	0	23	06	01	45	4	205	52	9	-	0
	U.S. SHIP "D"	440	410	8	20	04	69	02	2	214	68	2	5	0
	CARNARON CASTLE	432	095	6	22	03	98	02	2	134	63	6	5	4
	GLoucester City	415	498	3	23	07	97	01	1	205	71	3	5	4
	KINDERDYK	410	549	2	22	11	98	03	0	158	75	0	0	9

06h. Ships Reports

Ship	LAT.	LONG.	Total Cloud	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud	Course	Bar	Temp.	Waves
WEATHER EXPLORER	593	191	8	20	11	95	53	5	077	54	8	7	4
WEATHER OBSERVER	524	198	8	23	14	97	50	6	181	57	3	6	4
HERIOT	456	156	7	02	17	70	03	1	132	66	6	2	4
POLAR FRONT	661	018(E)	7	03	08	77	81	8	227	45	7	8	4
CIRRUS	620	328	5	06	07	60	03	1	189	48	0	0	9
U.S. SHIP "C"	528	355	9	33	03	01	45	4	193	50	9	-	0
U.S. SHIP "D"	446	066	7	12	09	98	25	8	155	64	4	7	5
CARNARON CASTLE	416	105	7	21	13	98	60	8	102	64	6	8	5
GLoucester City	413	102	6	18	13	97	25	8	121	65	4	3	7
KINDERDYK	485	207	8	03	03	87	63	5	194	49	7	4	3

RATES of SUBSCRIPTION: Single copy 2d. or post free 4d. One calendar month 9/-; One quarter 24/-; One year 95/-. For special arrangements for supply to schools and colleges, see Form 2452.

* Information not usually received.

H.M.S.O. Press, M.O. D.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. 34926

Date of Issue Sunday 7th July 1957

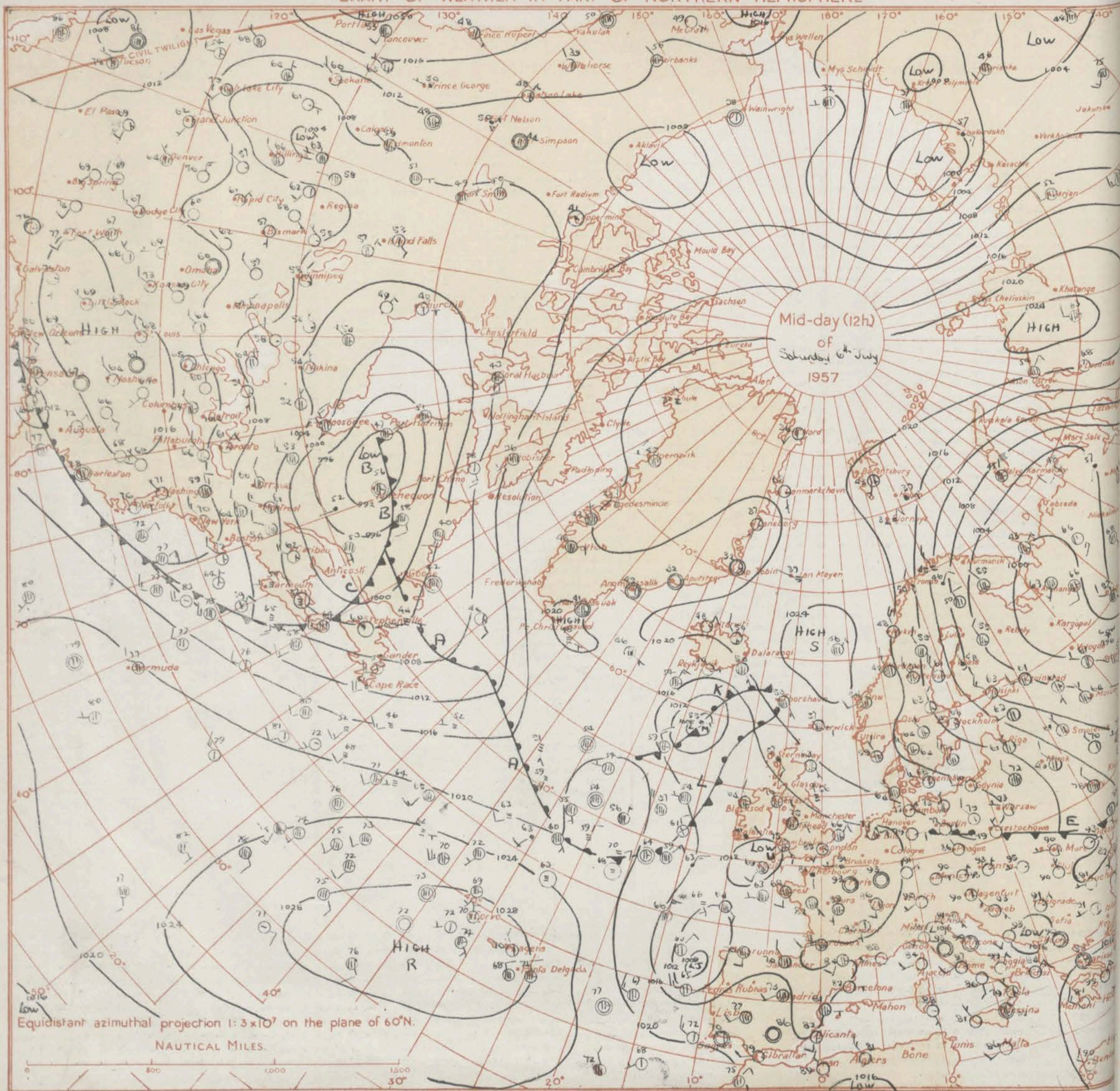
OBSERVATIONS at 12h. G.M.T. 6th July 1957

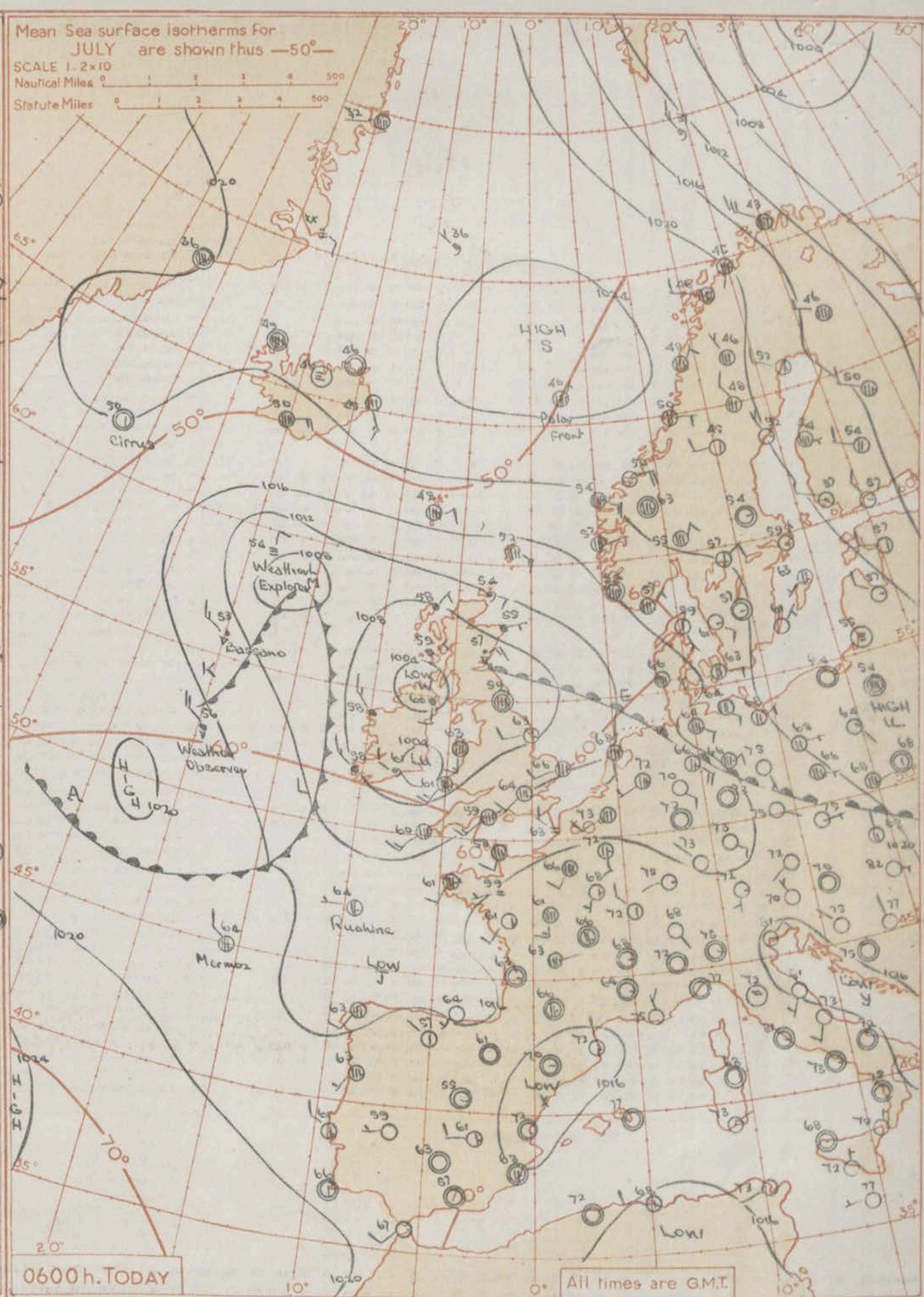
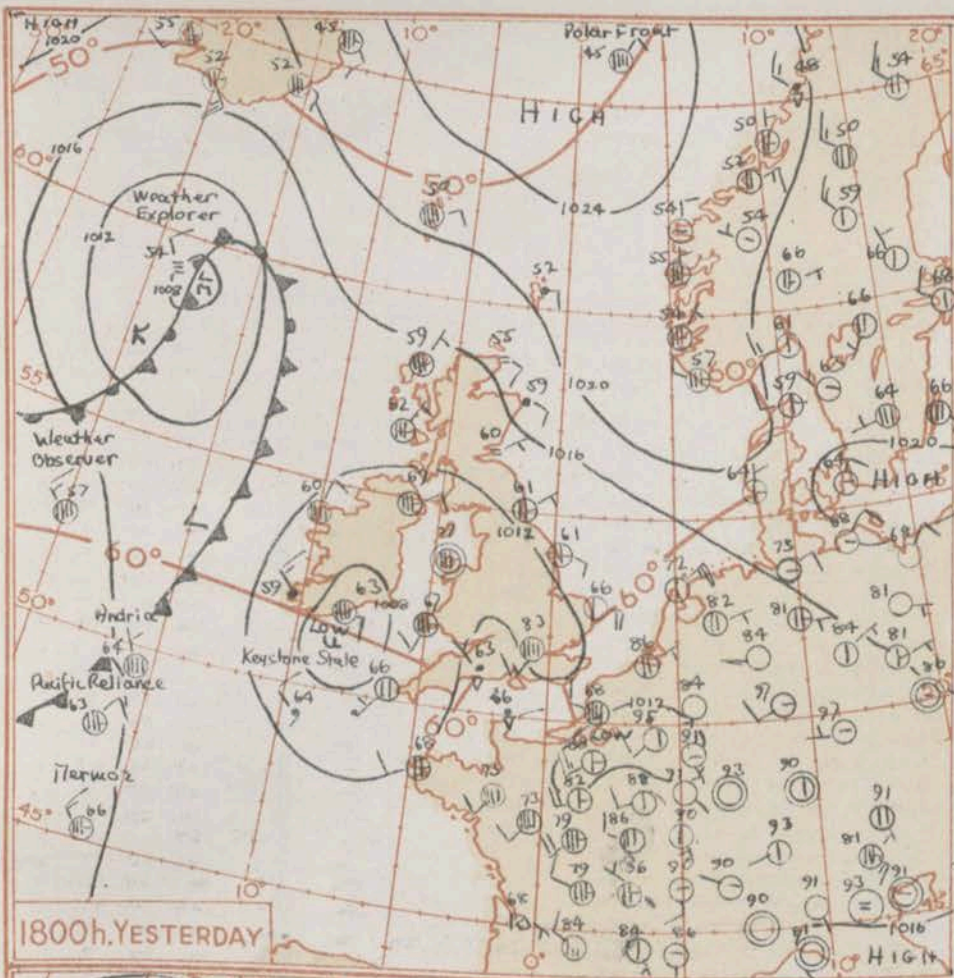
OBSERVATIONS at 18h. G.M.T. 6th July 1957

OBSERVATIONS during DAY

NIGHT	Station	Code F.M.11.A	OBSERVATIONS at 18h. G.M.T.													OBSERVATIONS at 18h. G.M.T.													OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																										
			Station Number	Total Cloud	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

A complex low pressure system embraces the British Isles. A depression has continued to drift south eastward towards the British Isles from the Atlantic whilst the depression to northwest of Portugal yesterday has moved northwards towards the British Isles, preceded by shallow secondary depressions which have broken away north northeast from the parent low. This complex depression is now expected to drift slowly east.

Issued at Midday today Sunday 7th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Cloudy rainy weather is expected to affect Scotland, Northern Ireland, Wales and northern and western districts of England for much of the time. There will be periods of rain elsewhere in England, but periods of brighter weather will also occur. It will be cooler in all areas.

OUTLOOK FOR the following 24 hours.

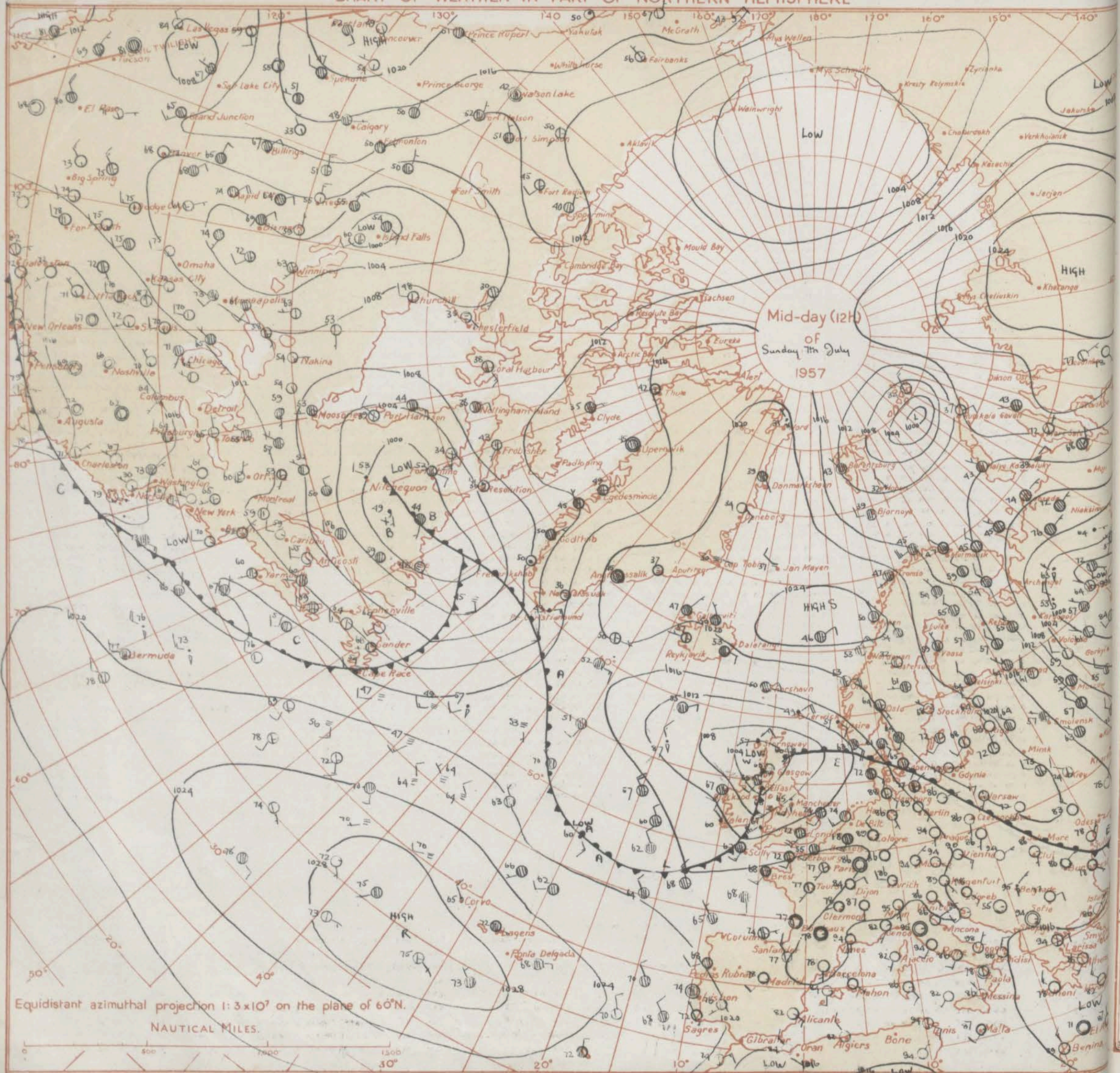
Rather cool weather is expected with rain at times in many parts of the British Isles.

No. 34

Code F.M.11

* Information not usually received


CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



1800h. YES

 50°

55



50°

периметр
41 см

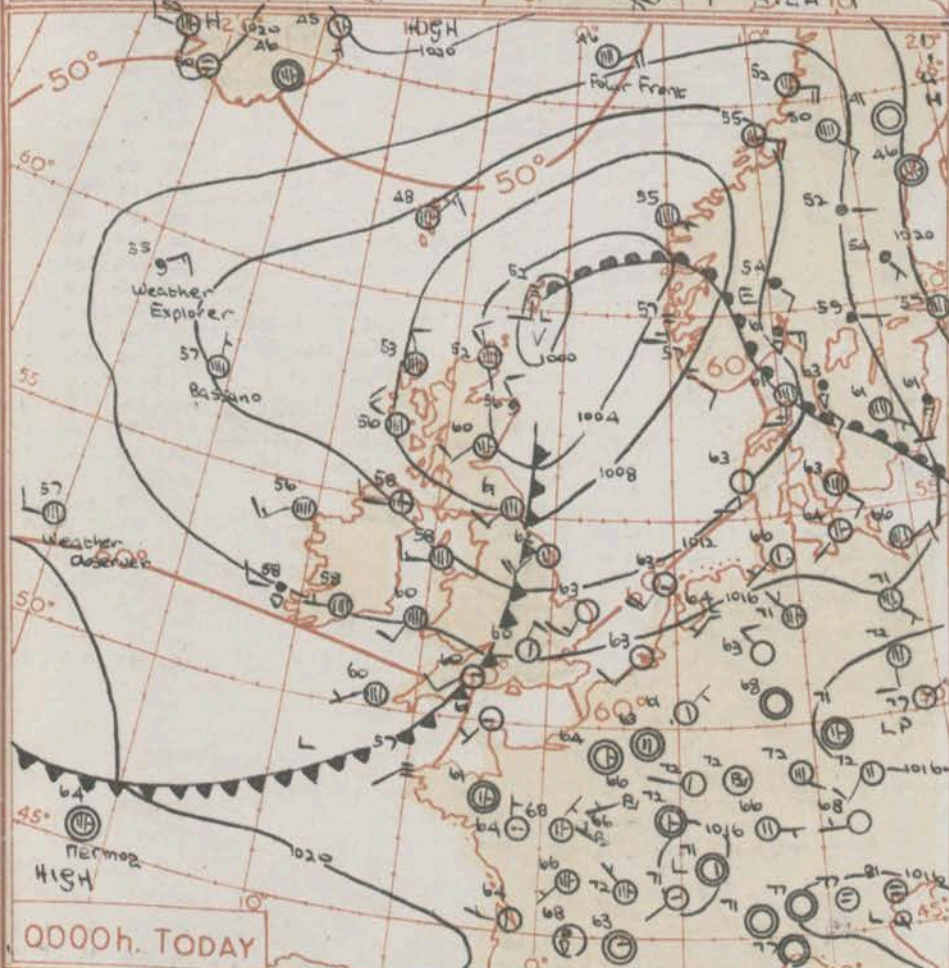
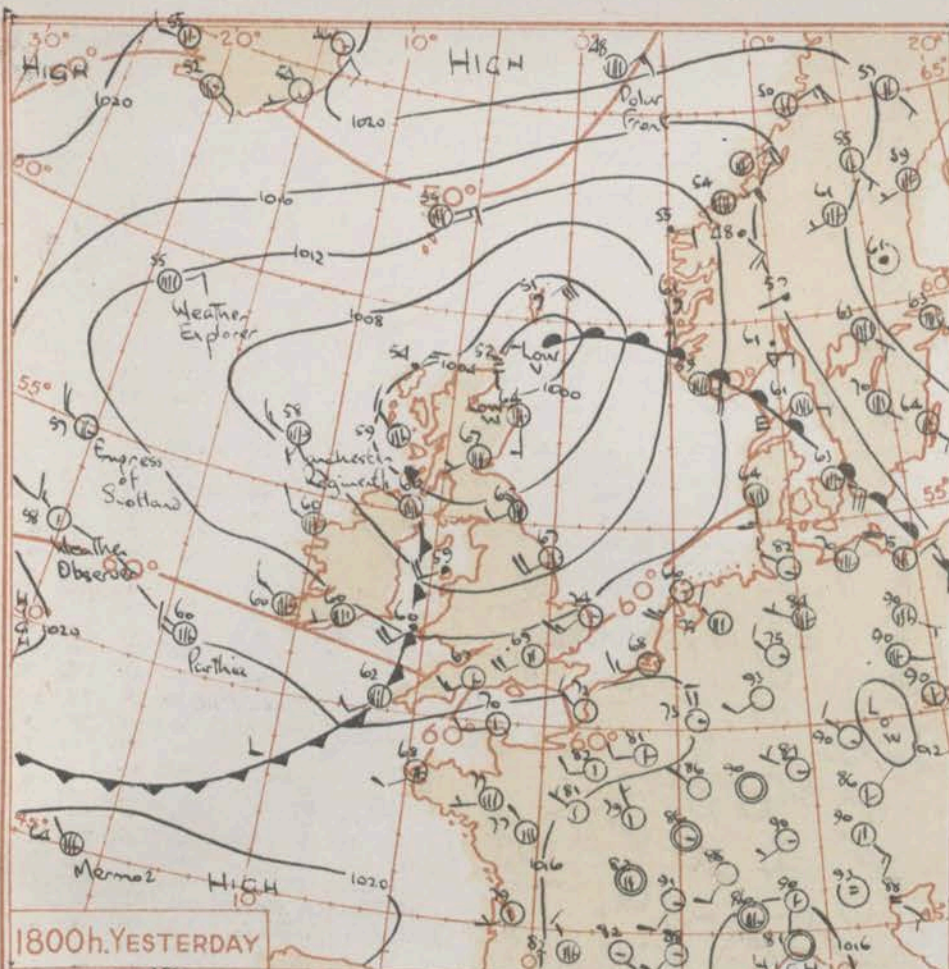
0000h.

North

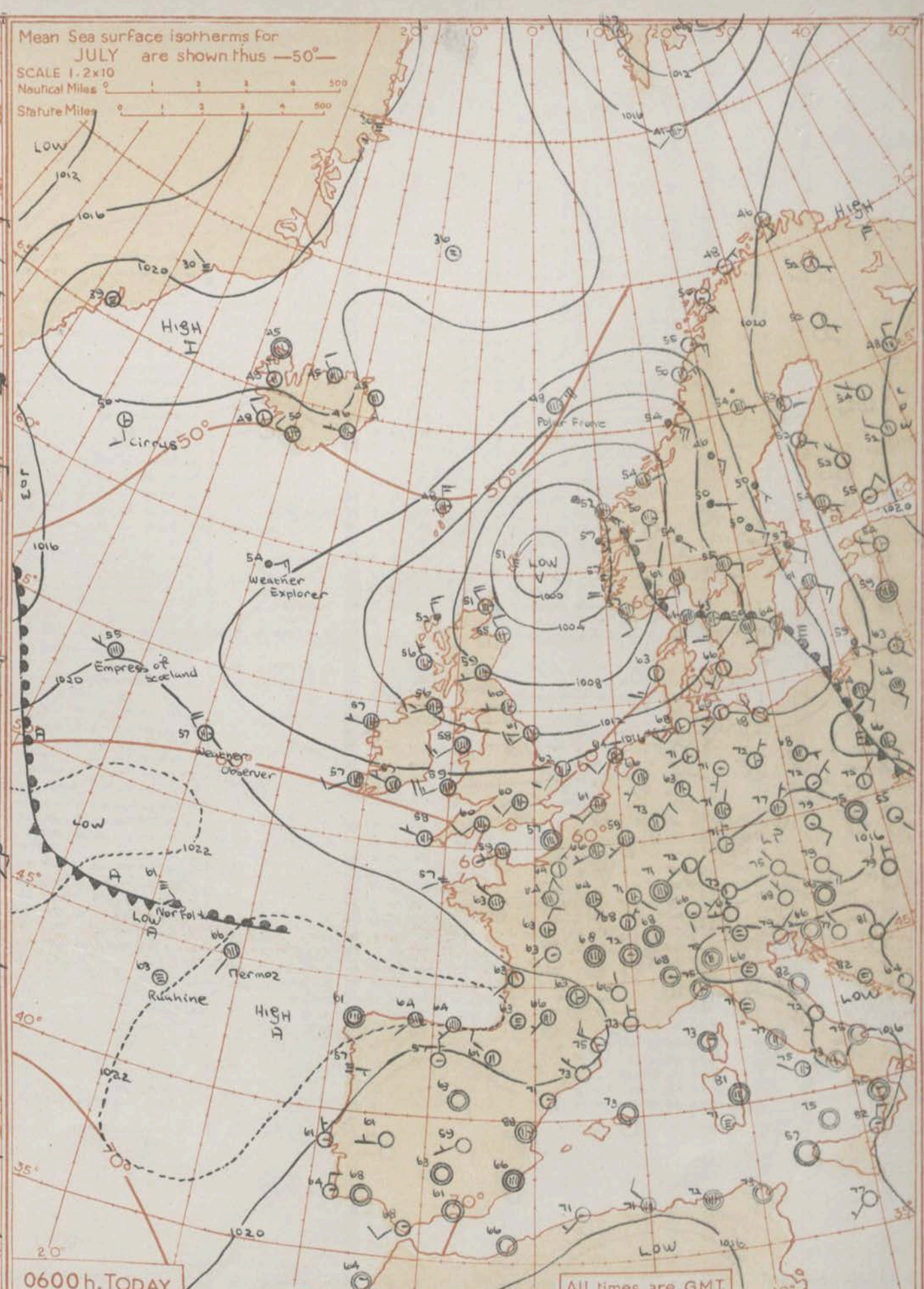
Shallow

100

100



GENERAL SYNOPSIS DEVELOPMENT
 A complex low pressure system has moved from the North Channel to the Shetland Isles in the last 24 hours and is now expected to move into Norway with moderate northwesterlies becoming established over the British Isles. Shallow low pressure over Biscay filled quickly as a ridge developed from the west.



Issued at midday today Monday 8th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow
 Mainly dry with temperatures near normal in the south but below normal in the north. A little rain will fall in places in the west and showers are likely in the north.

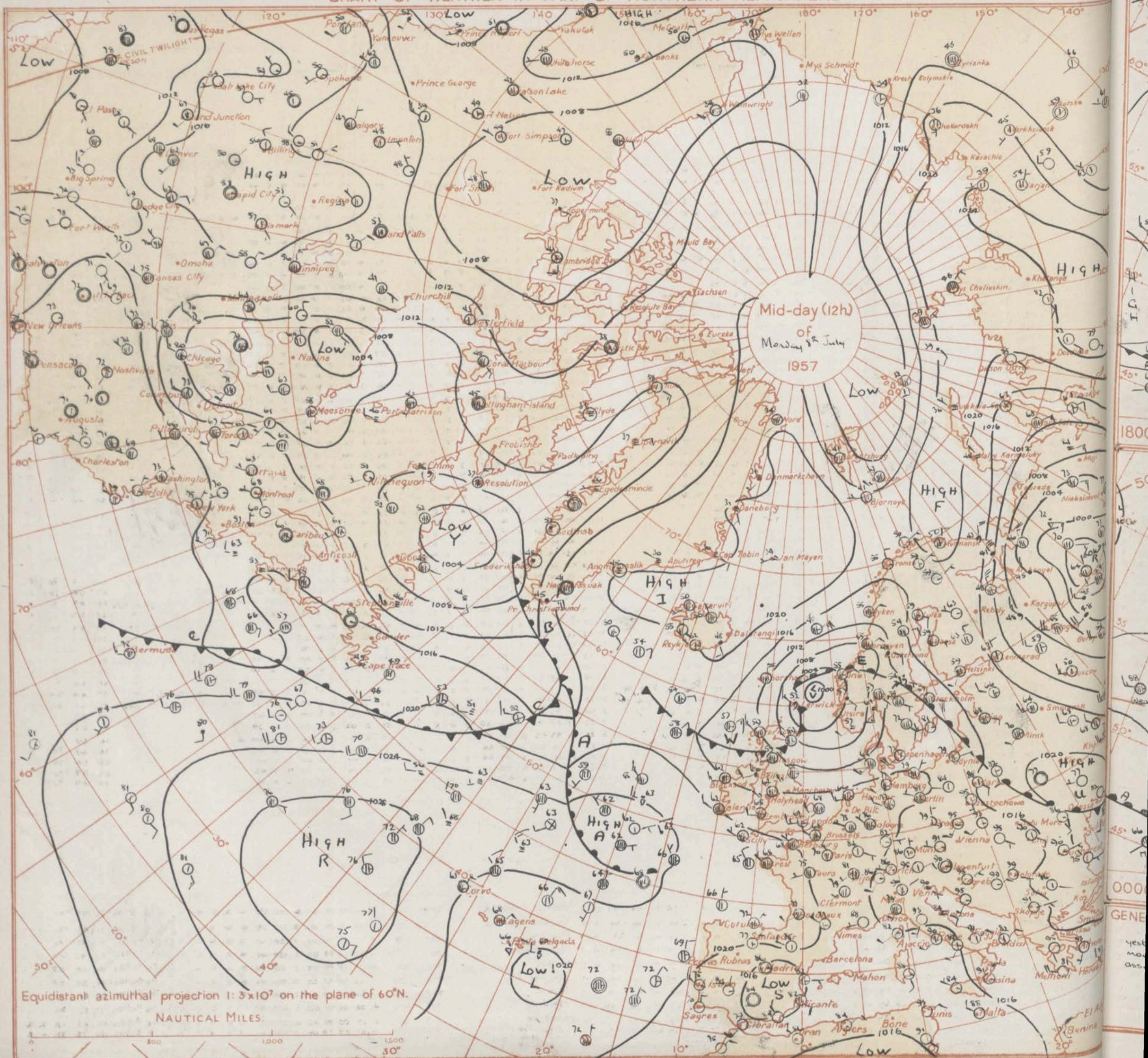
OUTLOOK FOR the following 24 hours:-
 Continuing mainly dry with temperatures near normal.

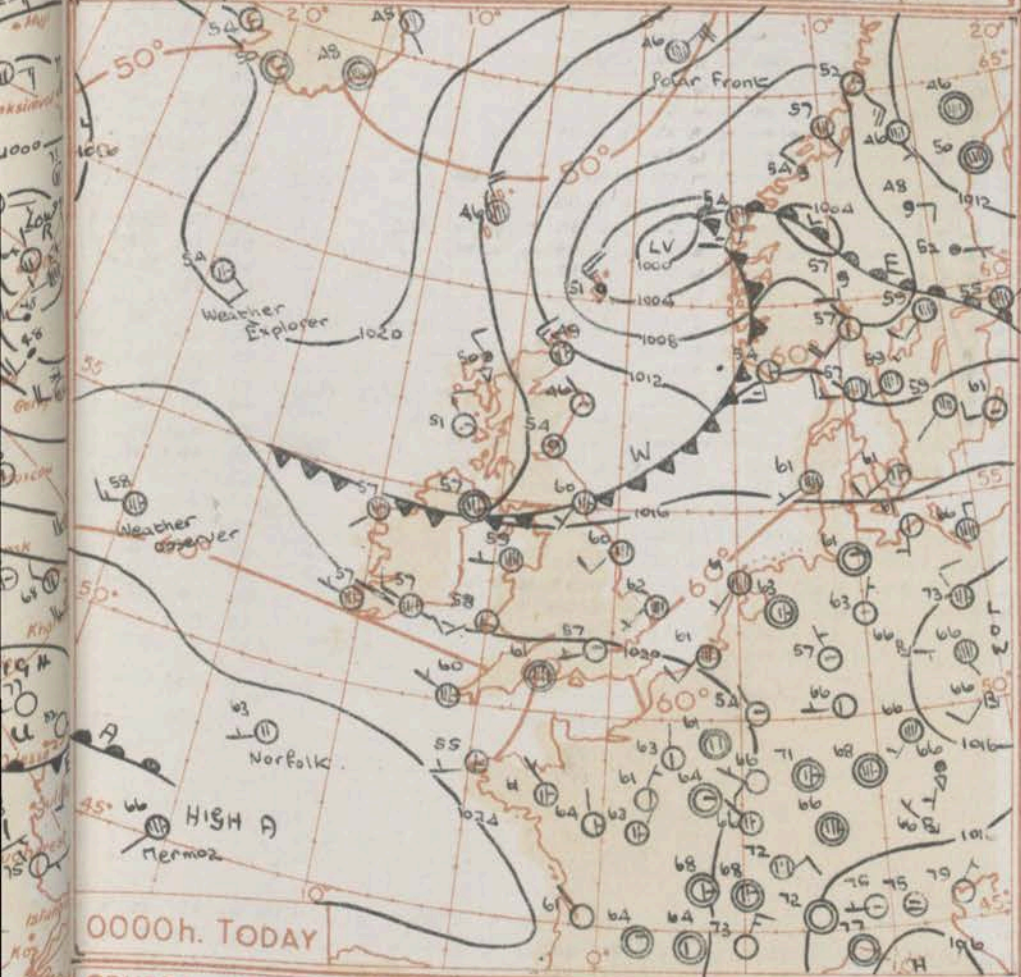
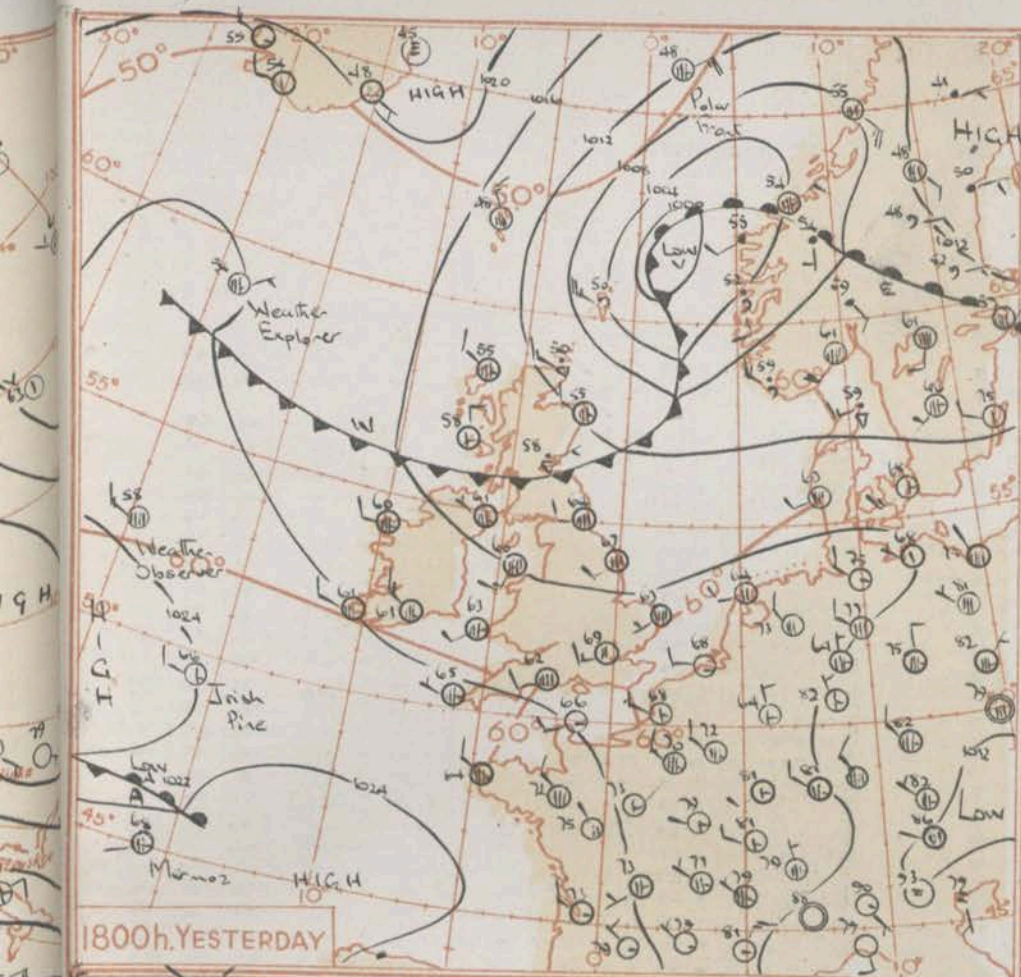
OBSERVATIONS at 18h. G.M.T. 24 July 1953

18h. Ships Reports

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

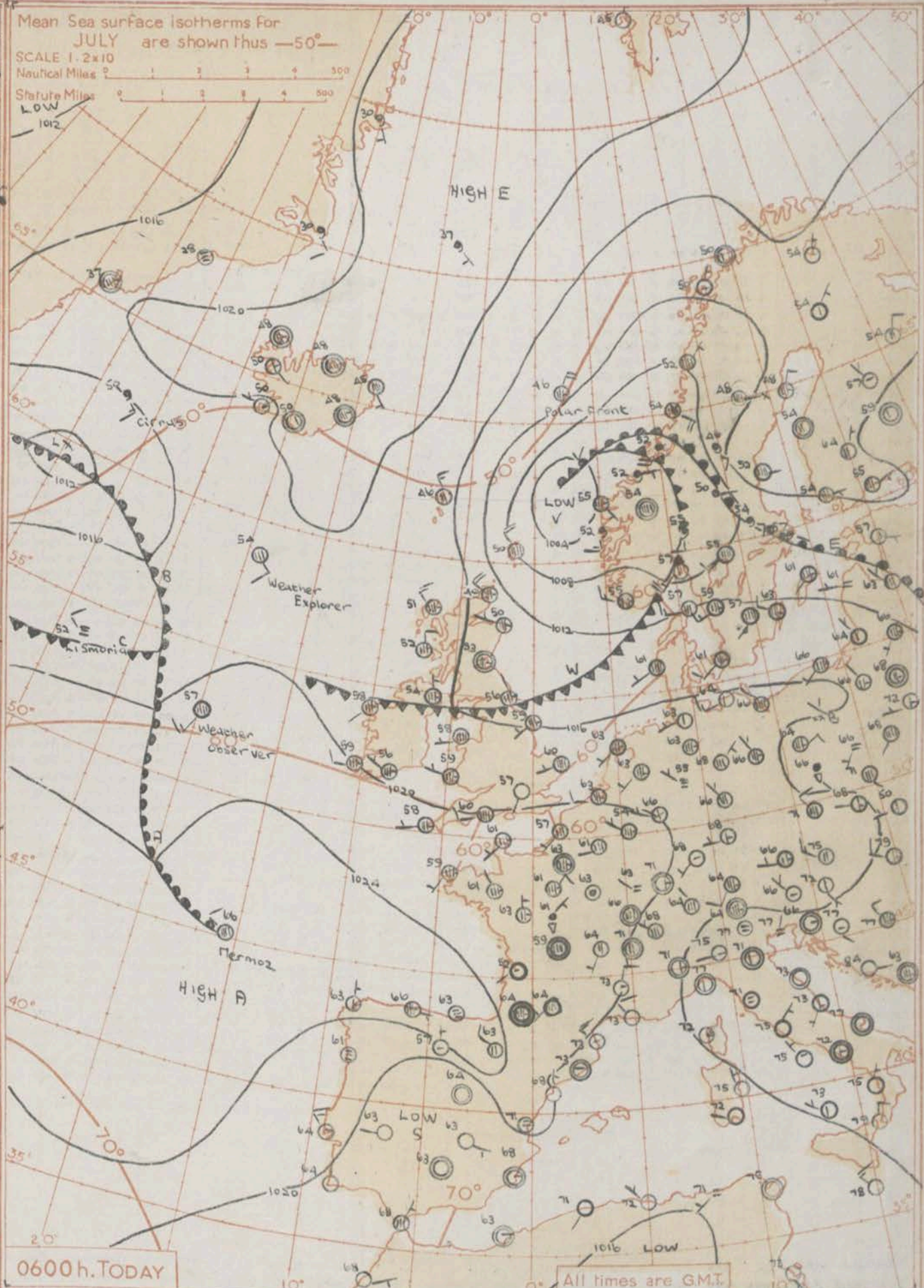
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

The complex low pressure area near the Shetlands yesterday has moved slowly to southwest Norway and will continue to be slow-moving. A small disturbance south of Greenland has moved east-southeast and associated fronts will reach western districts tomorrow.



Issued at midday today Tuesday 5th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Mainly cloudy with slight rain in places and probably more persistent slight rain later tonight and tomorrow in Northern Ireland, Wales and western districts of England. Rather cool in the north but temperatures mainly near normal elsewhere.

OUTLOOK FOR the following 24 hours:-

A little slight rain or drizzle in most areas with temperatures mainly near normal.

10

All times of oc

H.M.S.O. Press, M.O. Dublin

OBSERVATIONS at 18h. G.M.T. 9th July 1957

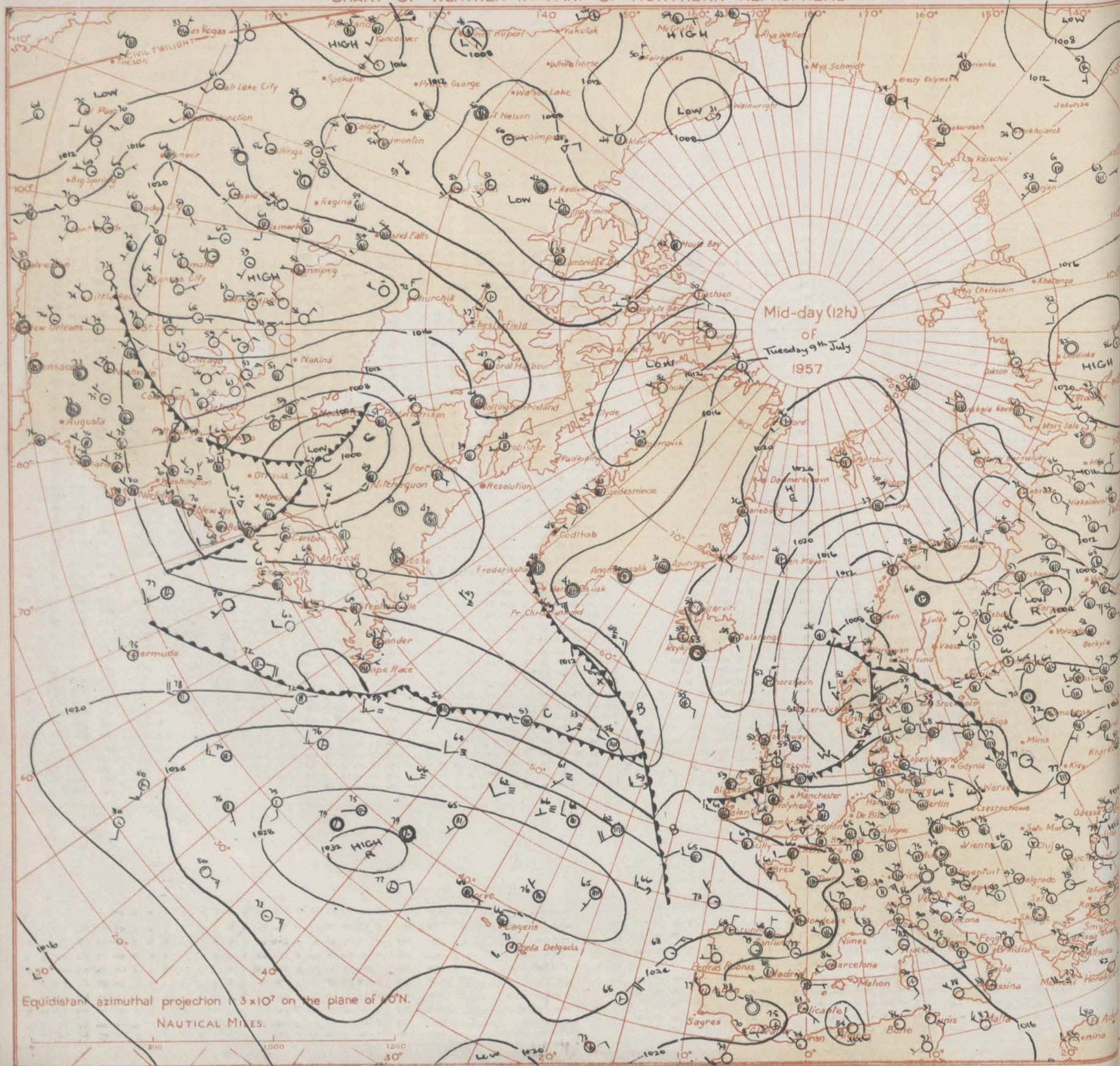
OBSERVATIONS during DAY

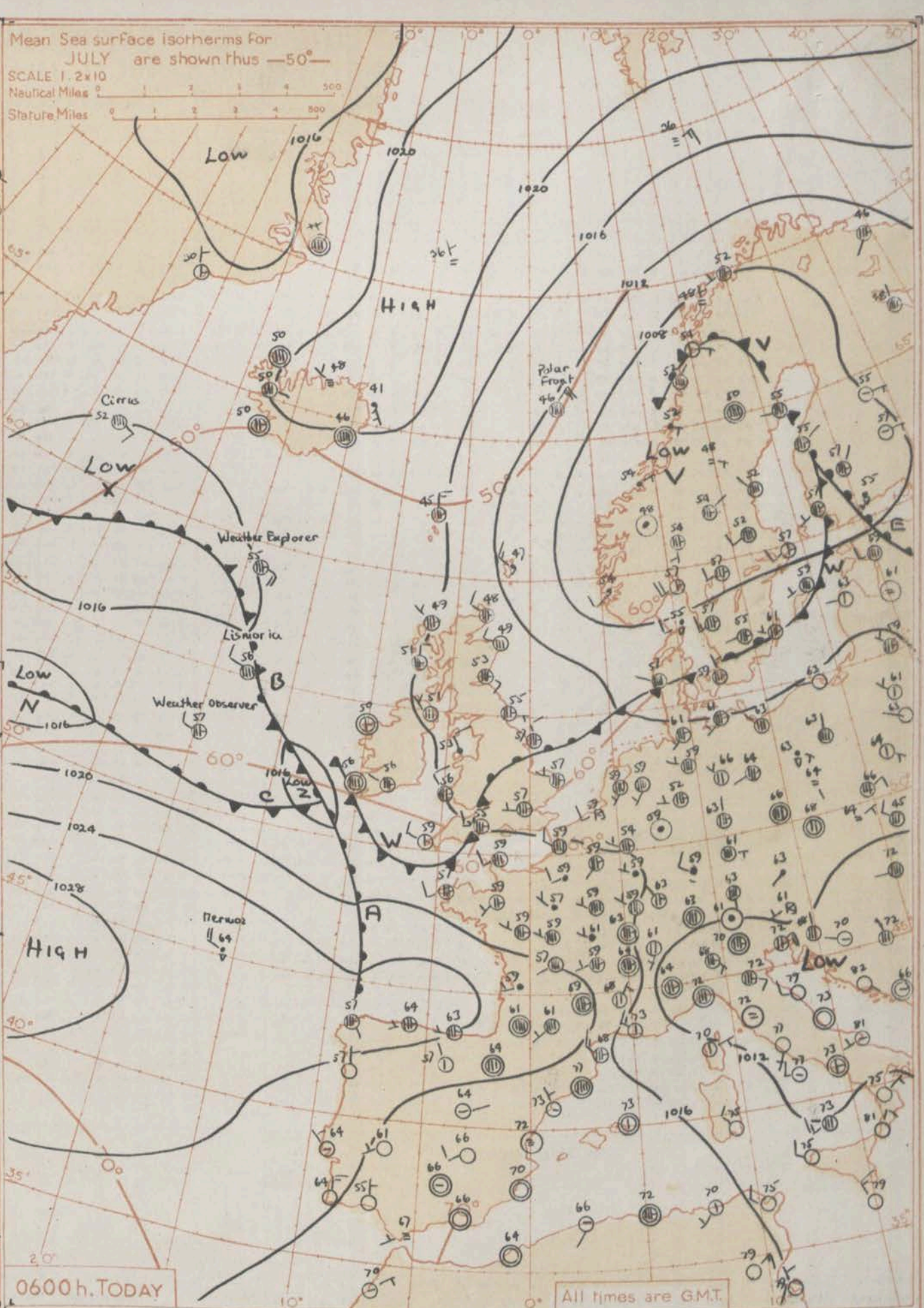
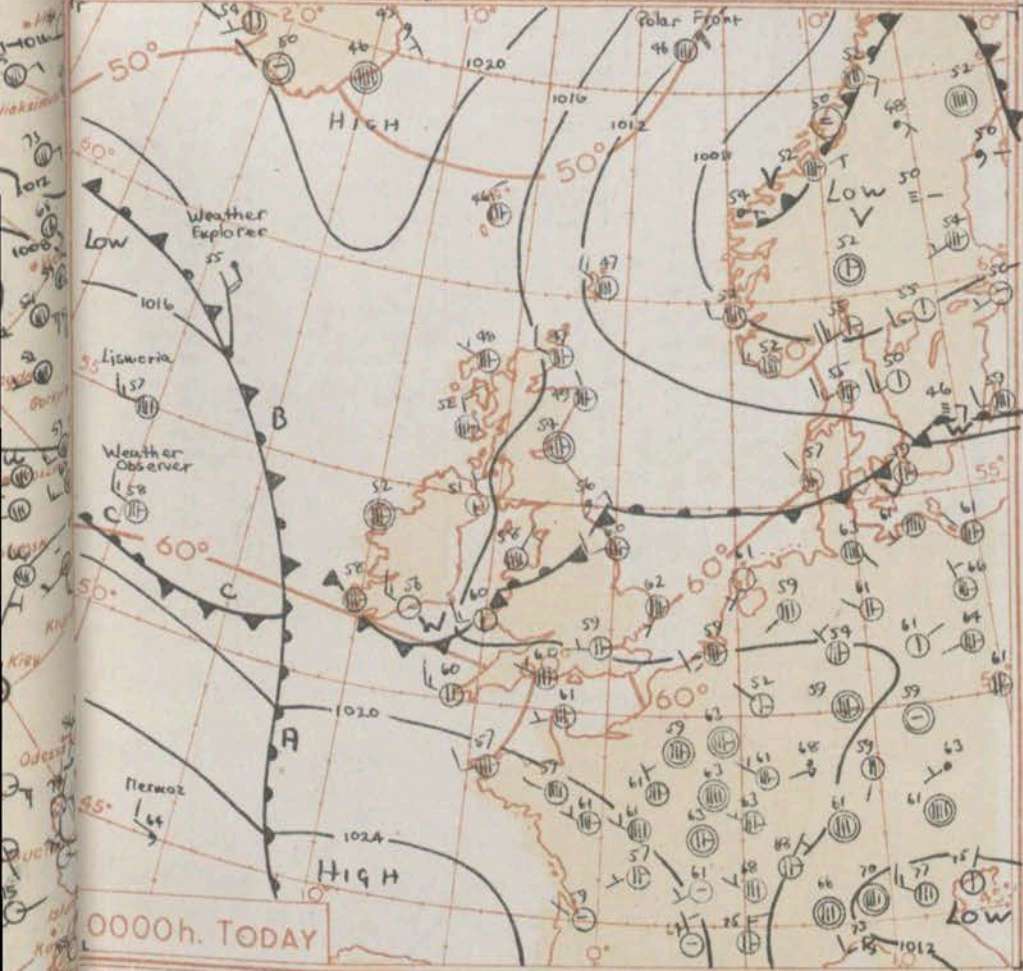
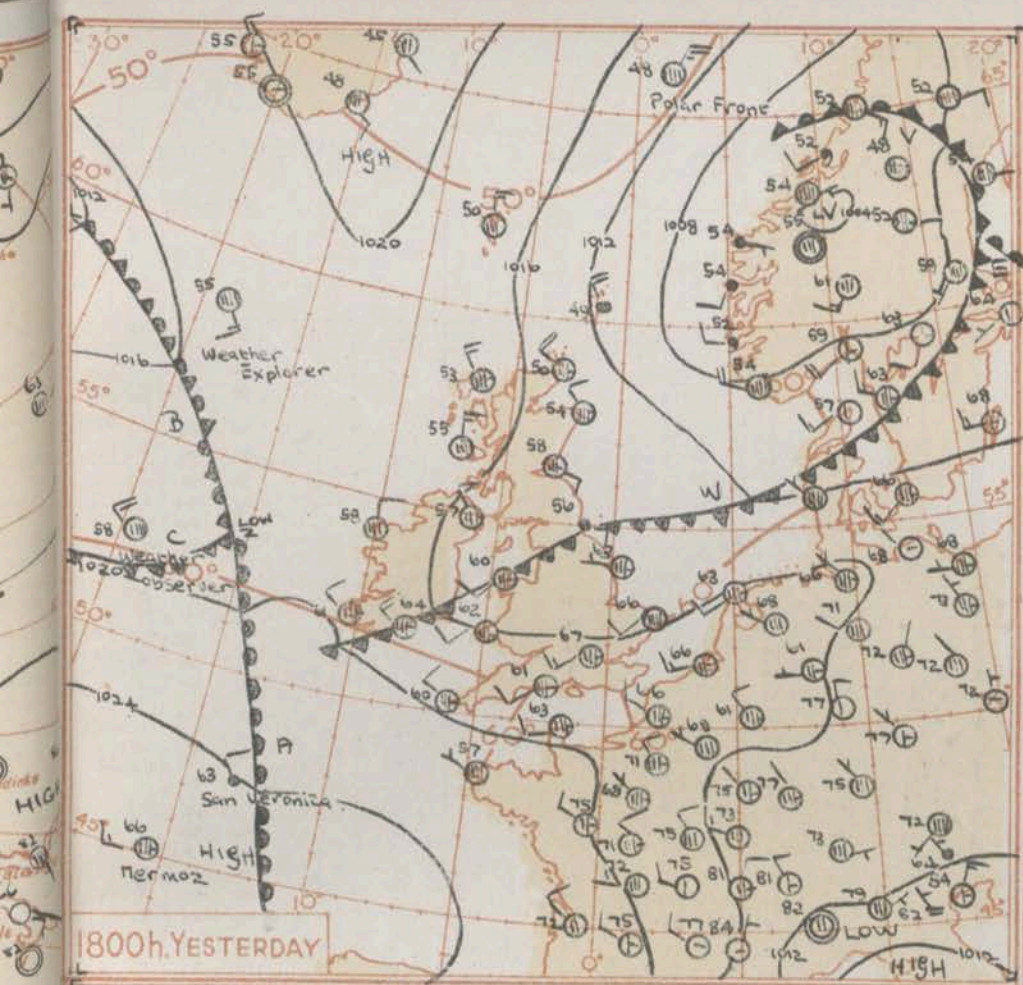
18h. Ships Reports

18h. Ships Reports																													
Ship	LAT.	LONG.	Total Cloud	Wind		Visibility	Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.		Waves								
				Direction	Speed		Present	Past			Amount	Low	Height	Medium	High	Direction	Speed	Character & Change in 3 hours	Sea	Dew Point	Direction	Period	Height						
Lalala	LoLoLo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	vs	a	pp	Ta	Td	TdTw	Pw	Hw						
WEATHER EXPLORER	588	193	8	14	15	98	03	2	173	55	8	8	5	-	-	0	0	6	07	51	51	10	2	4					
WEATHER OBSERVER.	524	197	8	29	18	97	01	5	182	58	4	6	3	-	-	0	0	2	08	51	56	27	3	3					
HERMOZ.	451	159	7	27	16	65	02	5	266	66	7	5	4	-	-	0	0	7	04	02	63	27	2	1					
POLAR FRONT.	660	018E	8	03	24	98	02	2	123	48	8	5	4	-	-	0	0	4	00	53	45	04	4	5					
CIRRUS	620	330	7	10	15	60	02	5	167	52	7	5	4	-	-	3	1	4	00	02	48	09	3	3					
U.S. SHIP "C"	528	355	2	23	05	69	01	1	196	55	1	5	8	7	0	0	0	0	00	05	53	49	x	2					
U.S. SHIP "D"	440	410	8	23	10	69	02	1	273	69	8	5	4	-	-	0	0	2	34	05	67	23	2	2					
SAN VERONICO.	473.	139	8	31	09	97	60	8	245	63	7	7	4	7	-	5	4	00	52	59	35	5	2	3					
LISMOBIA	547	234	8	27	13	98	02	2	184	56	8	5	5	-	-	2	5	4	00	00	52	27	2	2					
CALTIX LONDON	421	118	1	36	13	95	03	0	270	70	1	2	9	0	0	4	5	4	00	03	63	32	5	2					

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPSIS DEVELOPMENT

A complex low pressure area covers northwest Russia and Scandinavia and the depression over Norway is slowly filling. A trough extending over England and Wales from this low will swing southeast rather slowly while a shallow depression off southwest Ireland will move southeast and may deepen later over western Europe while another wave-depression over the Atlantic will move eastward.

Issued at Midday today Wednesday 10th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Scattered showers with bright periods are expected in practically all areas. The showers will be heavy in places in the south and possibly rather prolonged. Showers will become less frequent tonight and in many areas will die out. Tomorrow morning more general rain may reach south Ireland and south western areas of England and Wales. In northern Scotland weather will be mainly cloudy and occasional rain or drizzle is likely and a little rain or drizzle may occur in Devon and Cornwall today also.

OUTLOOK FOR the following 24 hours.

A period of rain is probable in most southern areas. Bright periods and scattered showers are expected elsewhere.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

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00h. Ships Reports																											06h. Ships Reports																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Code FM 21.A		Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp	Cloud				Course		Bar	Temp.	Waves		Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp	Cloud				Course		Bar	Temp.	Waves																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Direction	Speed					Visibility	Present	Past	Amount			Low	Height	Medium	High	Direction	Speed			Character	Change in 3 hours					Sea	Dew Point	Direction	Period			Height	Direction	Speed	Character	Change in 3 hours	Sea				Dew Point	Direction	Period	Height	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. 34930

Date of Issue, Thursday, 11th July 1957

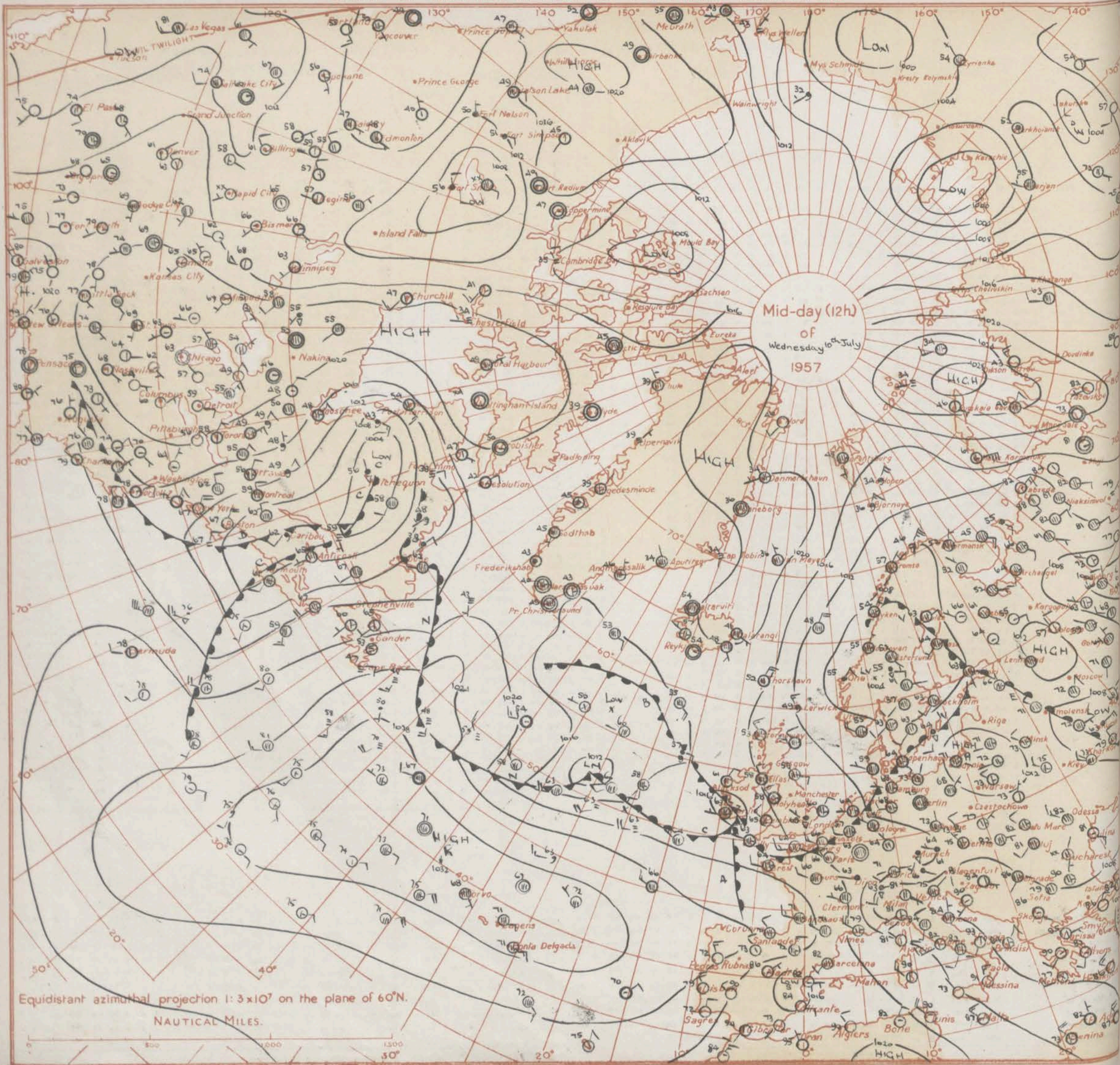
OBSERVATIONS at 12h. G.M.T. 10th July 1957

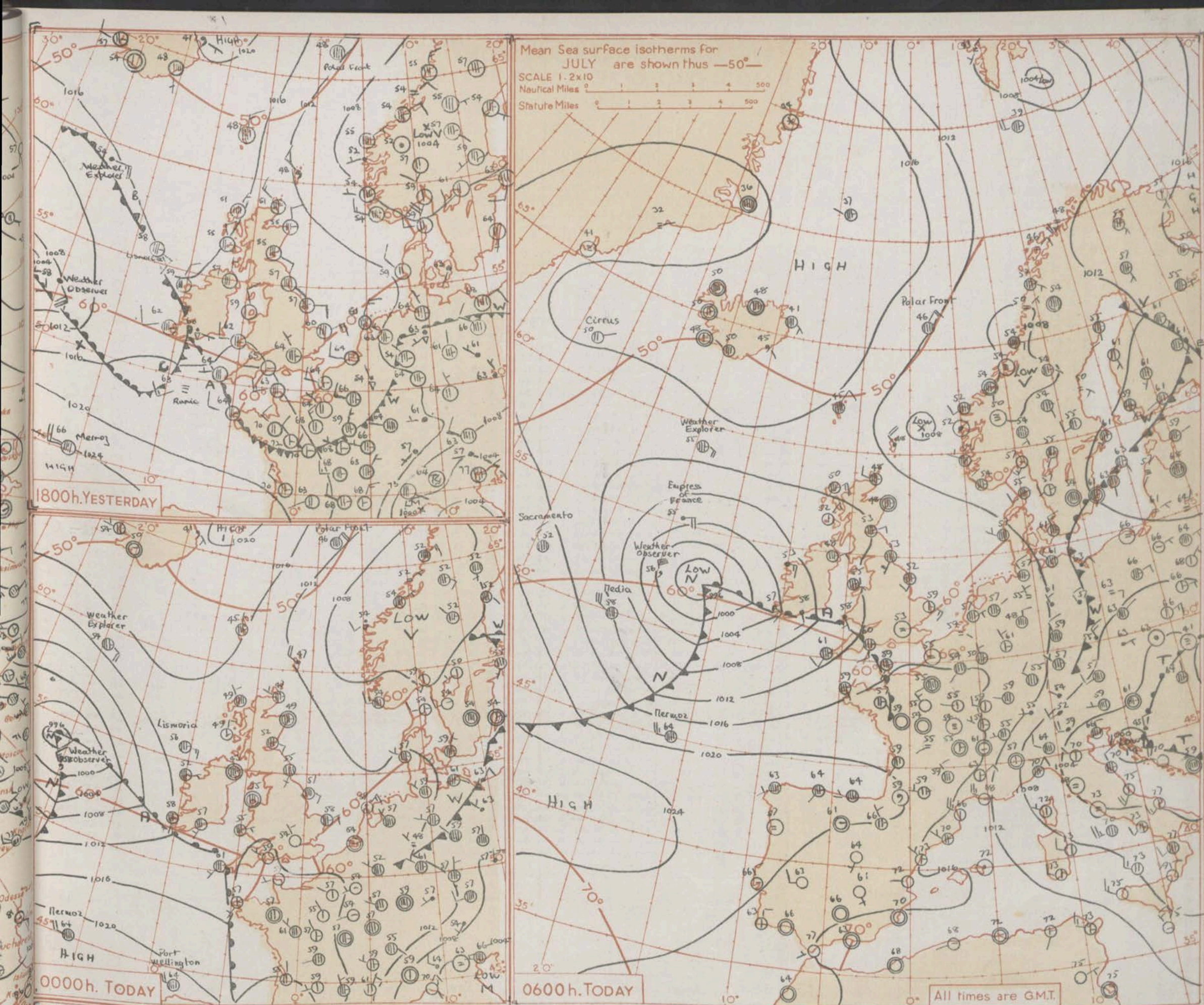
OBSERVATIONS at 18h. G.M.T. 10th July 1957

OBSERVATIONS during DAY

Code F.M.11.A	Station	Station Number	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Dew Point Temp.		Bar		Cloud Layers		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Dew Point Temp.		Bar		Cloud Layers		Weather		Max. Temp. 09h. to 21h. F.		Sunshine		Rain 09h. to 21h. mm.		State of ground 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Weather	09h. to 15h. (51)	15h. to 21h. (52)	(53)	(54)	(55)	(56)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPSIS DEVELOPMENT

While the Scandinavian low has filled steadily a deepening depression has moved eastwards over the Atlantic and will probably continue east or east-southeast slowly down over the British Isles, possibly over the Irish Sea. The frontal trough will extend southeastward and a separate low may develop in this trough over northwest Europe.

Issued at Midday today Thursday 11th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Rain already over Ireland, Wales, and southwestern England will extend eastwards and northwards over the rest of England and Wales, and Northern Ireland probably reaching south Scotland also. Brighter showery weather will follow the rain in the south but the rain will probably be prolonged over Wales and northern England and parts of Northern Ireland. Winds will become strong at times in many areas. In east and northeast Scotland weather will be mainly cloudy with some rain and drizzle. In west and northwest Scotland weather will probably remain dry with bright periods.

OUTLOOK FOR the following 24 hours.

Some rain or showers in most areas.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

[illegible]

00h. Ships Reports																								06h. Ships Reports																												
Code FM 21.A		LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar		Temp.		Waves		Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar		Temp.		Ship									
Ship	LAT.				LONG.	Direction	Speed	Visibility			Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea					Dew Point	Direction	Period	Height			LAT.	LONG.	Direction	Speed	Visibility	Present	Past	Amount	Low	Height		Medium	High	Direction	Speed	Character	Change in 2 hours	Sea	Dew Point	Direction
WEATHER EXPLORER	590	198	7	11	32	97	21	6	12.4	56	4	5	5	2	1	3	03	51	28	11	4	4	WEATHER EXPLORER	589	196	7	10	30	98	02	2	14.1	55	4	2	5	5	2	2	1	5	02	00	43	10							
WEATHER OBSERVER	527	200	8	33	14	94	59	0	9.6	58	0	6	4	1	1	0	0	3	30	51	58	22	3	4	WEATHER OBSERVER	526	198	8	37	41	96	51	6	9.98	56	6	7	3	2	1	0	0	3	50	53	55	27					
MERNOZ	450	159	8	27	19	65	02	2	22.5	64	0	5	5	1	1	6	1	13	06	63	26	4	3	MERNOZ	450	161	8	27	24	60	02	5	18.6	64	0	5	4	4	1	0	0	7	19	56	63	27						
POLAR FRONT	661	021(E)	8	02	18	99	02	2	13.2	46	0	5	5	1	1	0	0	2	01	54	39	02	4	3	POLAR FRONT	661	020(E)	8	02	15	95	02	2	13.6	46	0	5	4	4	1	0	0	2	01	54	39	03					
CIRRUS	618	328	7	05	09	70	02	2	16.7	52	5	0	8	1	0	0	1	2	03	01	48	04	4	2	CIRRUS	619	330	4	05	02	80	02	1	16.0	50	2	0	5	4	1	0	0	6	05	01	50	09					
U.S. SHIP "C"	525	355	8	32	17	66	02	4	22.5	50	0	6	4	1	1	0	0	2	07	00	49	29	2	4	U.S. SHIP "C"	520	355	8	32	12	58	02	5	22.5	49	0	5	4	2	1	0	0	3	02	51	49	30					
PORT WELLINGTON	440	084	8	27	18	99	15	2	20.5	04	0	7	3	1	1	5	5	4	02	10	64	26	3	2	U.S. SHIP "B"	440	410	8	23	05	65	02	5	27.2	07	0	5	4	1	1	0	0	7	08	02	66	33					
LISNOIA	554	105	7	09	13	58	02	2	14.3	55	2	1	4	5	1	2	5	6	02	55	46	04	2	2	MEDIA	495	224	8	24	38	98	02	2	15.1	58	0	5	4	1	1	1	6	6	30	53	54	1					
CLAN MACDONALD	451	081	8	20	11	97	50	5	29.6	66	0	3	3	1	1	1	6	0	24	00	64	27	1	5	SACRAMENTO	517	291	8	31	13	98	02	2	18.1	52	0	5	5	1	1	1	5	7	08	54	50	31					
U.S. SHIP "D"	440	410	8	25	05	27	10	4	20.6	66	0	6	3	1	1	0	0	2	03	01	65	23	2	2	EMPRESS OF FRANCE	552	194	8	08	20	97	01	2	9.2	55	8	7	4	2	1	6	5	07	54	52	1						

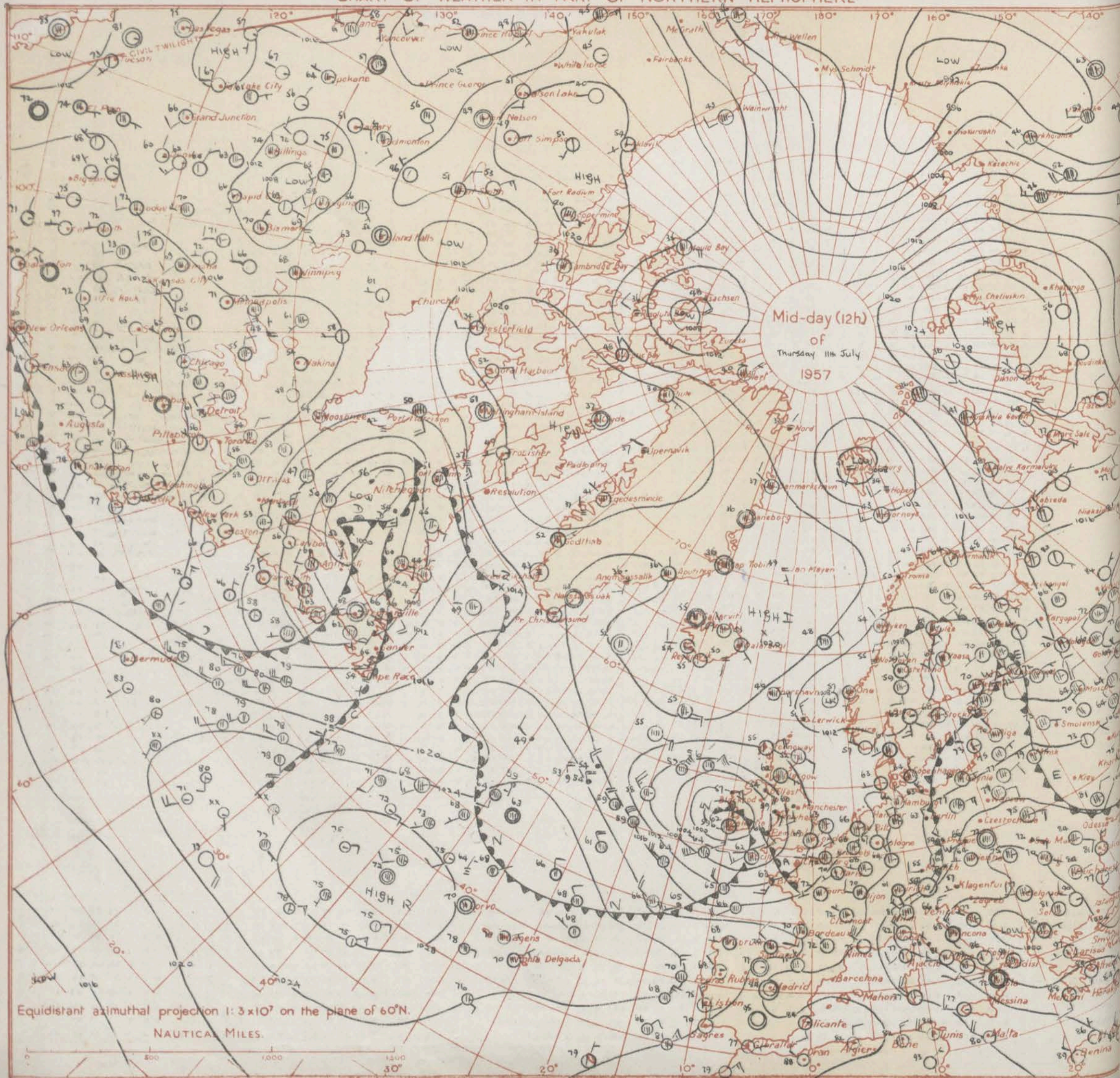
Date of Issue: Friday 12th July 1957

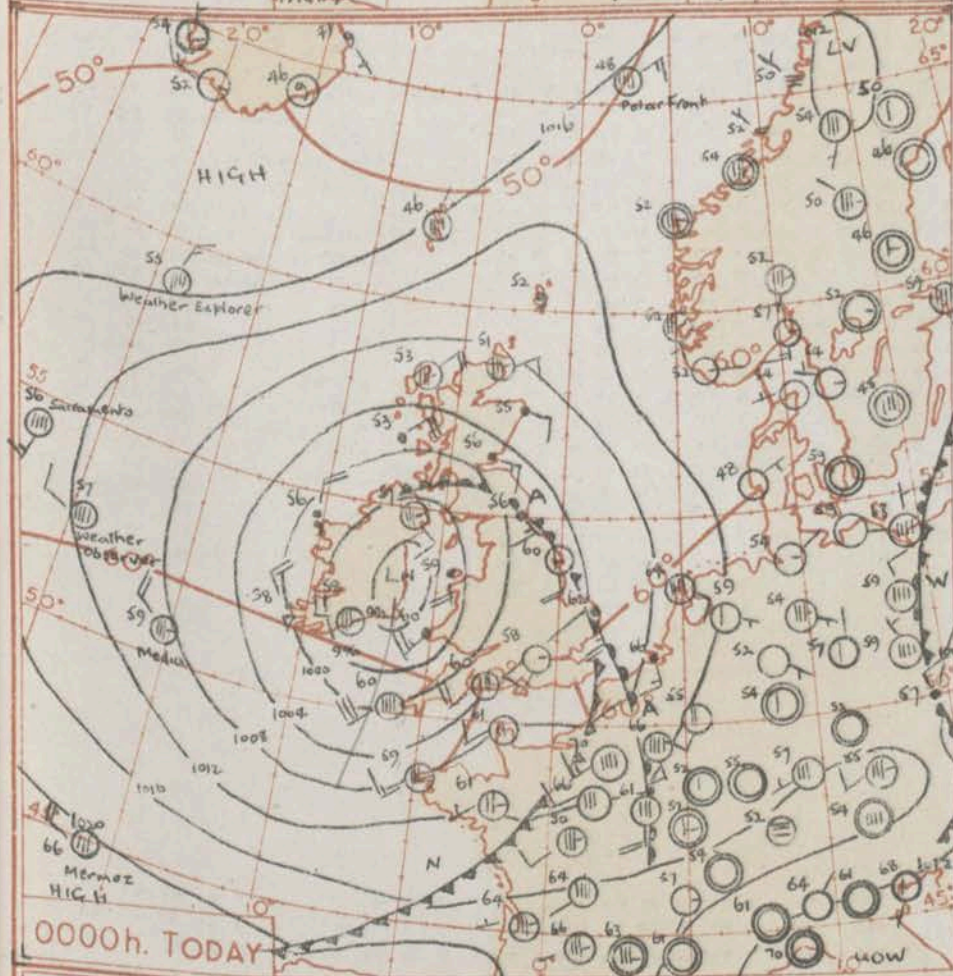
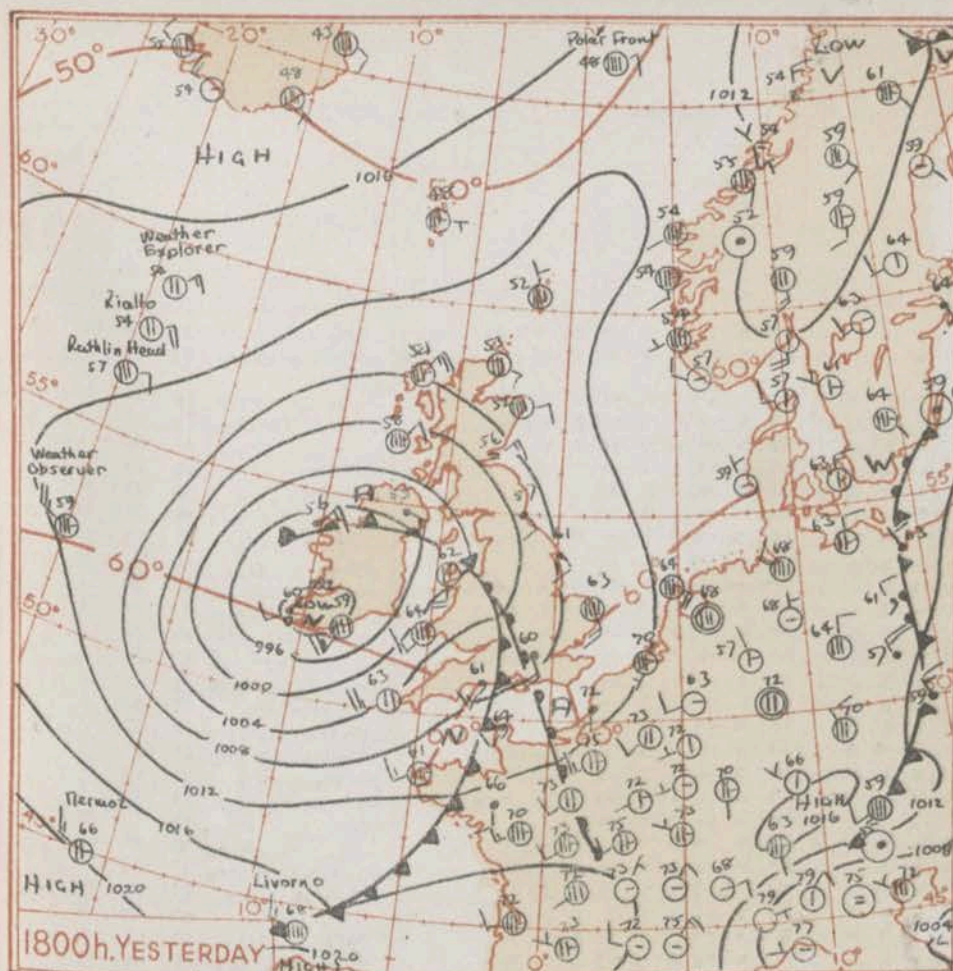
Stn. No.	Code F.M.11.A	OBSERVATIONS at 12h. G.M.T. 11th July 1957																									OBSERVATIONS at 18h. G.M.T. 11th July 1957																									OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours

Code F.M.21.A		12h. Ships Reports																				Ship		18h. Ships Reports																				Ship																
		LAT.	LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course	Bar	Temp.	Waves		LAT.			LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course	Bar	Temp.	Waves																				
				Direction	Speed	Direction	Speed	Present	Past			Amount	Low	Height	Medium				High	Direction					Speed	Character	Change in 3 hours	Sea	Dew Point	Direction			Period	Height	Direction	Speed				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height	Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height											
WEATHER EXPLORER	589	193	7 09 12	78	02	2	161	55	7	5	6	-	-	-	0	0	2	12	51	43	07	3	3	WEATHER OBSERVER	525	200	7 29 24	78	15	2	100	59	7	8	5	-	-	7	1	2	08	50	55	20	3	7														
WEATHER OBSERVER	526	197	7 31 24	78	01	5	073	58	3	2	5	-	-	-	0	0	2	25	51	54	33	3	8	WEATHER EXPLORER	589	190	4 05 15	78	01	8	105	54	4	8	5	0	0	2	1	7	05	52	43	05	3	3														
TERMOZ	450	160	6 30 18	75	01	6	196	66	6	5	4	0	0	0	0	2	13	00	59	27	4	4	POLAR FRONT	661	021(E)	8 06 10	79	02	2	156	48	8	8	4	-	-	0	0	2	12	51	41	49	2	2															
POLAR FRONT	660	020(H)	8 04 12	79	02	2	147	48	8	8	4	-	-	-	0	0	2	06	52	39	04	3	2	TERMOZ	451	158	5 30 17	70	02	1	197	66	5	2	5	0	1	0	0	6	01	01	57	30	5	4														
CIRRUS	621	331	4 00 00	70	01	2	167	52	2	8	5	4	1	8	1	3	04	00	48	09	4	2	CIRRUS	621	331	4 25 02	70	02	0	164	54	3	5	4	4	0	0	0	8	03	04	46	09	4																
U.S. SHIP "B"	565	510	7 23 08	69	02	2	154	49	7	0	8	3	0	0	0	5	00	04	46	14	3	2	U.S. SHIP "C"	528	255	8 29 04	65	02	2	218	50	8	4	2	-	-	0	0	7	10	02	68	21	2	4															
U.S. SHIP "C"	528	355	8 29 09	61	60	2	228	49	8	4	2	-	-	-	0	0	1	02	51	43	30	2	4	U.S. SHIP "D"	440	410	7 20 16	69	02	8	253	69	5	5	6	8	9	0	0	7	10	02	68	21	2	4														
U.S. SHIP "D"	440	410	7 20 16	69	02	2	264	68	2	5	6	7	-	-	0	0	7	02	01	66	22	2	2	RIALTO	578	195	4 06 18	78	02	2	142	54	4	2	-	0	0	2	5	2	08	56	48	06	2	3														
RIALTO	527	270	8 31 18	76	06	8	174	54	8	5	5	-	-	-	1	5	7	10	35	52	31	-	-	RATHLIN HEAD	585	198	6 07 10	78	02	2	128	57	5	2	-	6	0	6	5	2	15	51	44	07	-	-														
LIVORNO	572	220	8 09 18	78	16	6	133	55	8	7	4	-	-	-	1	5	2	25	01	49	09	3	3	LIVORNO	446	083	8 29 13	78	02	2	182	68	8	4	5	0	0	1	4	7	20	01	65	29	2	2														

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

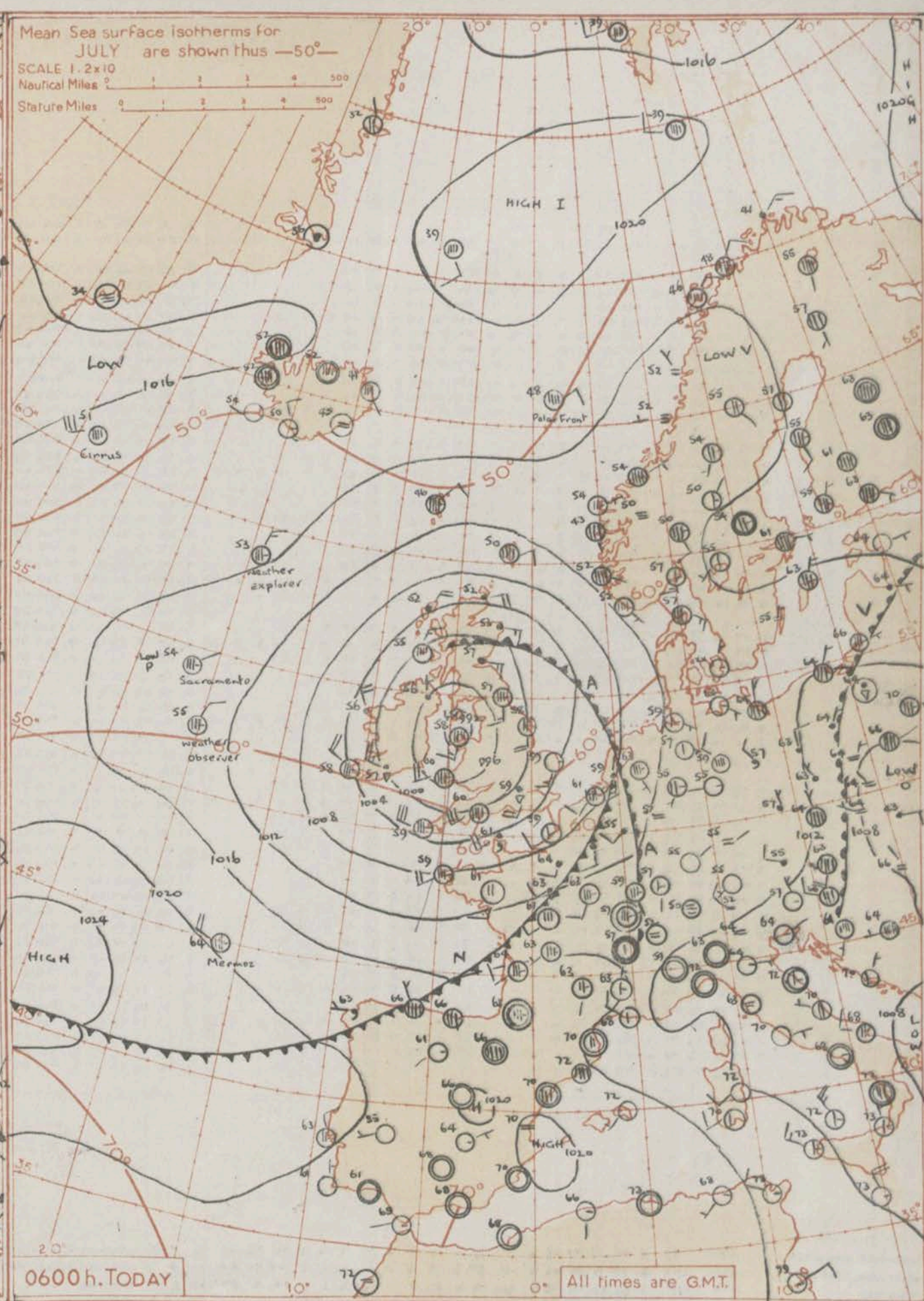




GENERAL SYNOPTIC DEVELOPMENT.

The weak depression yesterday over Norway continues to drift northeast and fill. Over Labrador a depression is deepening somewhat and drifting north. Pressure in the Iceland area is changing only slowly. The depression yesterday west of Ireland has deepened, and after moving east is turning northeast or north. Minor disturbances are moving southeast along the warm front over mid-Atlantic.

Mean Sea surface isotherms for JULY are shown thus —50°
SCALE 1:2x10
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



Issued at Midday today Friday 12th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Most northern districts will be mainly cloudy and rainy. Southern districts will be showery, with showers heavy at times, perhaps thundery, but with some sunny intervals also. Showers will decrease in frequency tonight. Tomorrow's weather will be similar to today's. It will be generally rather cool.

OUTLOOK FOR following 24 hours
Bright intervals and showers.

OBSERVATIONS during NIGHT

Valentia

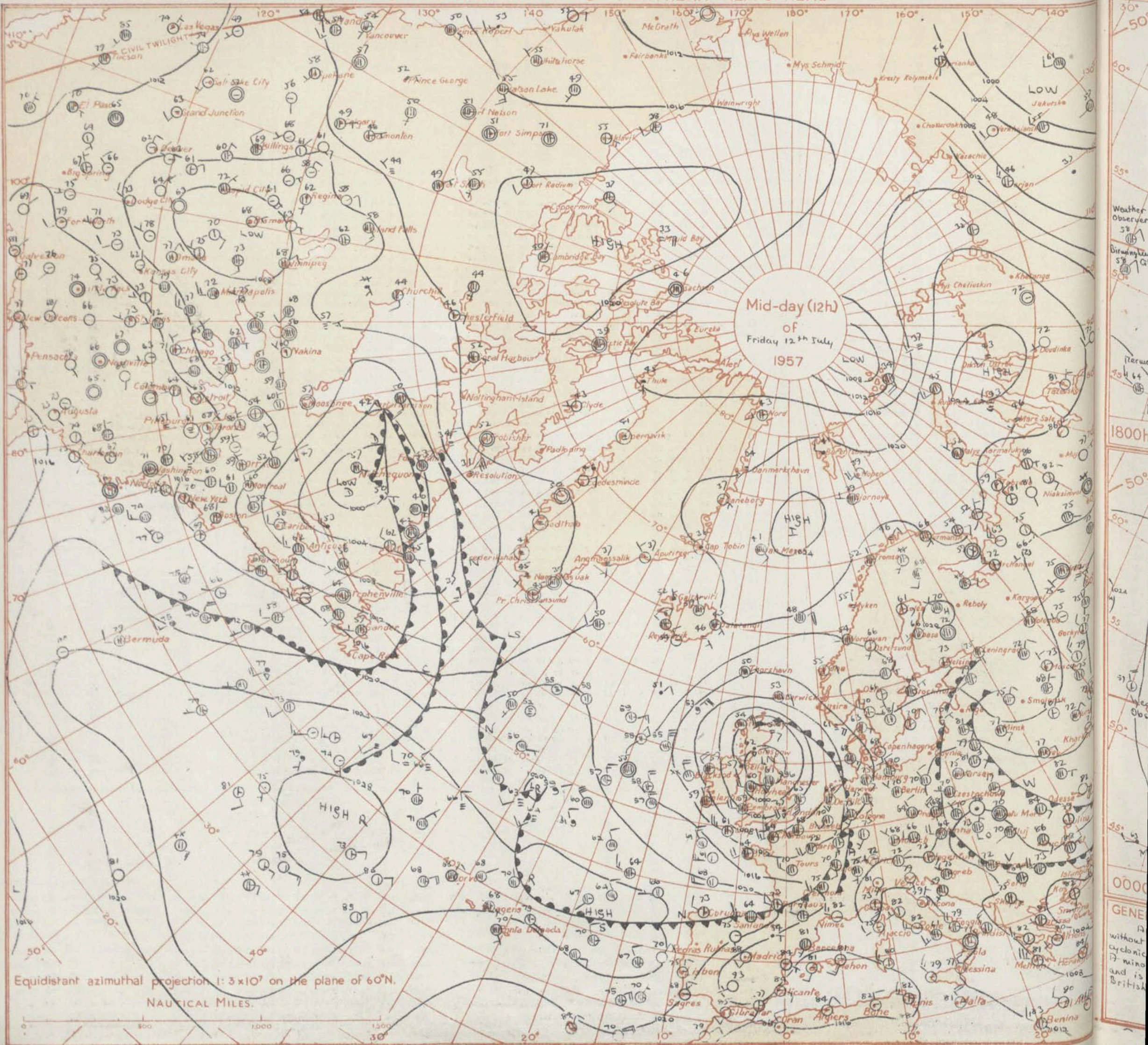
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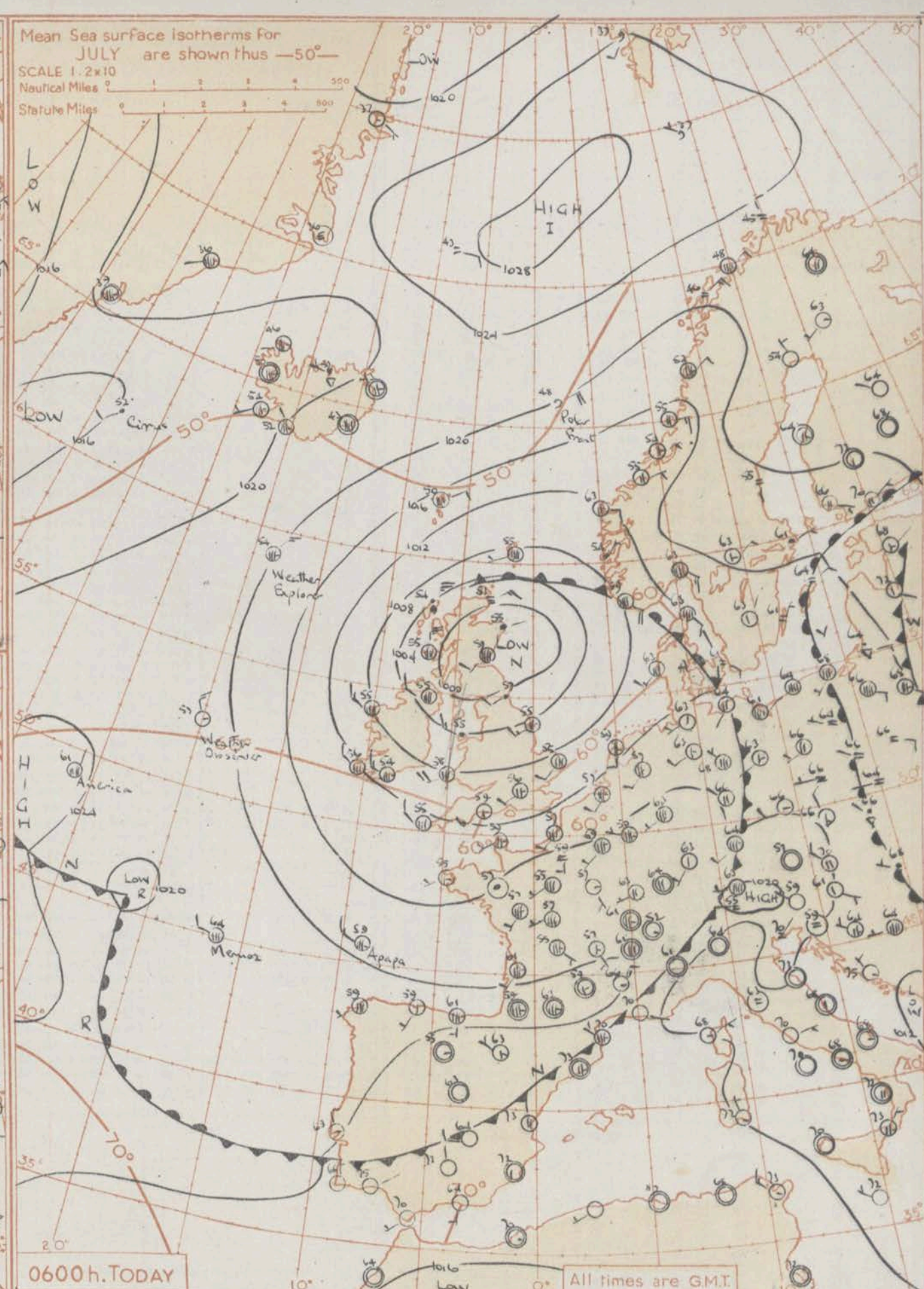
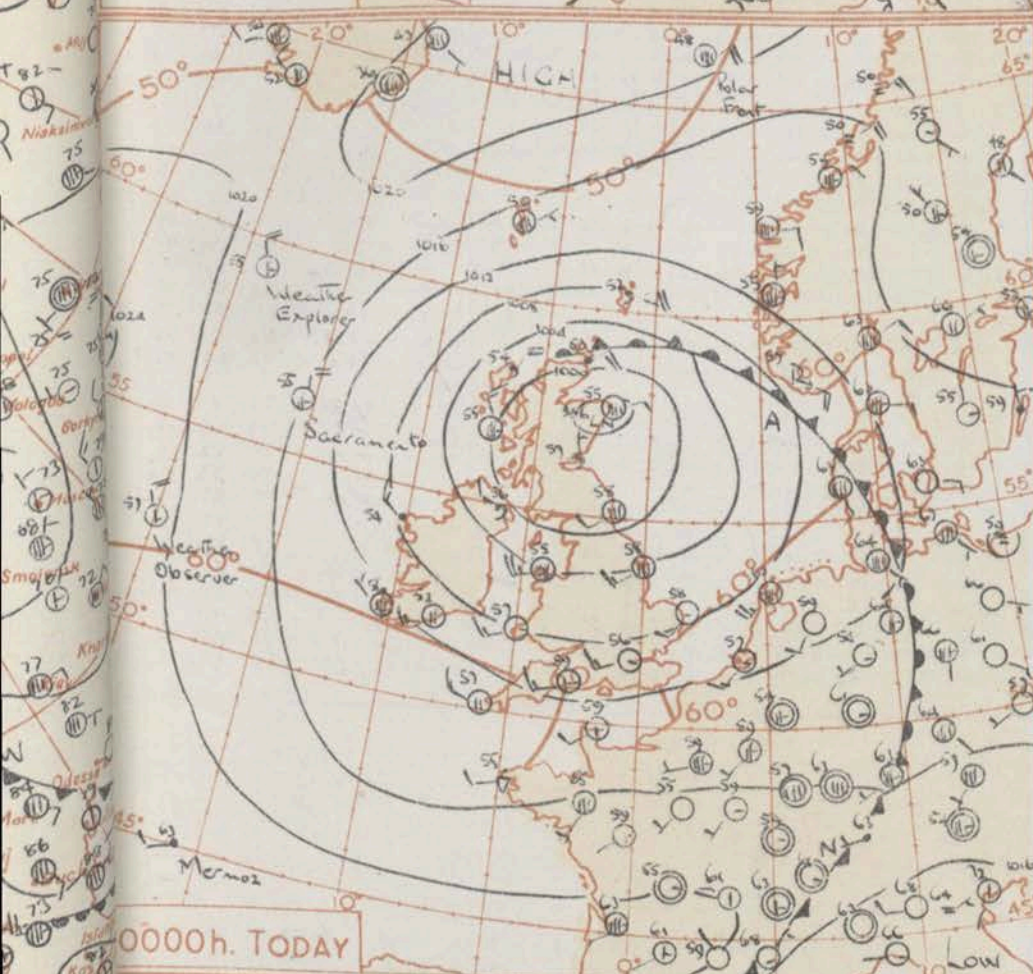
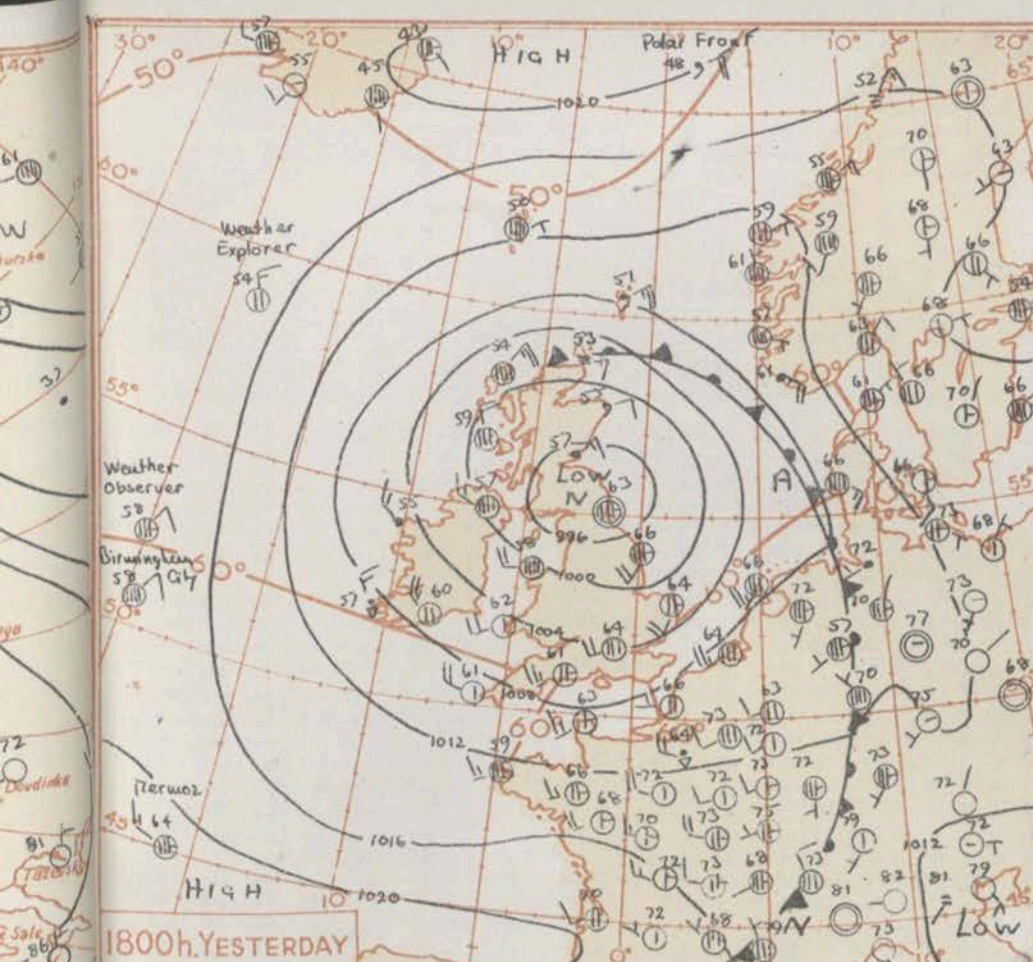
H.M.S.O. Press, M.O. DYN

		12h. Ships Reports																				18h. Ships Reports																													
Code F.M.21.A		Ship		LAT. LONG.		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Course		Bar		Temp.		Waves		Ship		LAT. LONG.		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Course		Bar		Temp.		Waves							
				Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height			Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height		
		LstLst	LstLst	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw	LstLst	LstLst	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw
WEATHER OBSERVER		525	199	8	00	00	98	02	8	253	55	4	5	7	-	0	0	2	13	53	52	07	3	4	WEATHER OBSERVER		523	200	7	02	12	98	02	6	173	58	7	8	5	-	-	0	0	2	11	50	46	03	3	4	
WEATHER EXPLORER		587	189	8	02	10	96	62	2	182	51	5	7	4	2	-	0	0	2	18	55	48	02	3	2	WEATHER EXPLORER		586	189	4	35	14	99	01	6	184	54	4	4	5	0	1	0	0	2	01	52	43	01	4	3
POLAR FRONT		661	038(E)	8	08	18	98	02	5	201	48	8	6	4	-	0	0	2	10	52	45	07	3	3	POLAR FRONT		661	016(E)	8	07	19	97	51	5	206	48	8	6	5	-	-	0	0	2	01	52	46	06	3	3	
NERTHOZ		451	160	7	28	17	65	25	2	215	64	7	8	4	-	8	0	0	1	06	51	59	30	4	4	NERTHOZ		451	158	7	29	17	73	03	2	213	64	3	2	4	7	-	0	0	6	01	51	57	30	4	4
CIRRUS		620	330	7	24	10	60	02	5	173	50	7	8	4	0	0	0	0	1	04	51	36	24	2	2	CIRRUS		620	330	7	22	09	65	80	2	170	50	6	9	4	4	0	0	0	8	04	52	46	24	3	2
U.S. SHIP "C"		528	355	8	18	04	63	02	4	219	50	8	6	2	-	0	0	0	1	03	51	49	49	-	2	U.S. SHIP "C"		528	355	8	23	10	63	02	2	214	52	8	6	2	-	-	0	0	8	05	01	50	49	-	2
U.S. SHIP "D"		440	410	8	25	09	58	10	4	261	76	3	7	3	2	-	0	0	3	07	02	69	24	2	2	U.S. SHIP "D"		440	410	4	25	08	69	01	4	260	71	2	5	4	3	0	0	0	4	40	03	69	24	2	3
U.S. SHIP "B"		565	510	8	14	14	56	60	4	100	37	8	6	4	-	0	0	0	6	05	02	47	12	2	2	U.S. SHIP "B"		497	252	6	02	09	99	01	2	206	60	7	1	8	0	0	2	5	4	00	51	52	02	4	2
ARAPA		502	073	3	22	24	97	01	0	088	61	3	1	4	0	0	4	6	2	07	58	57	22	4	7	BIRMINGHAM CITY		507	197	8	03	09	98	02	2	178	58	7	8	6	0	0	2	4	1	04	00	46	24	2	2
ACRA		328	114	0	01	09	99	01	1	237	70	0	0	2	0	0	8	5	1	04	03	65	01	2	1	CORINTHIC		431	247	4	00	00	99	01	5	245	66	2	5	3	2	1	1	6	7	02	01	58			

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Mean Sea surface isotherms for JULY are shown thus —50°—
 SCALE 1:2x10
 Nautical Miles 0 1 2 3 4 500
 Statute Miles 0 1 2 3 4 800

Issued at Midday today Saturday 13th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Scotland and Northern Ireland will be mainly cloudy with rain or drizzle at times. The rest of the British Isles will have bright intervals and showers. Thunderstorms may occur in a few places, chiefly in the North. During darkness, shower activity will mostly cease.

OUTLOOK FOR following 24 hours
 Bright intervals and scattered showers in most areas but cloudy rainy weather may be slow to clear Scotland.

GENERAL SYNOPTIC DEVELOPMENT

An anticyclone northwest of Scandinavia is intensifying without much movement. A depression is filling over Labrador and drifting east but some cyclonic development may occur on its frontal system moving out into the Atlantic. A minor wave on the warm front north of the Azores has moved east-southeast and is expected to turn east towards northwest Spain. The deep depression over the British Isles will continue to fill without much change in position.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 13th July 1957																									OBSERVATIONS at 06h. G.M.T. 13th July 1957																									OBSERVATIONS during NIGHT				
Code FM 11.A		Wind		Weather		Cloud		Temp.		Bar.		Cloud Layers		Wind		Weather		Cloud		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers																		
Station	Station Number	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Weather	21h to 09h.	21h to 09h.	21h to 09h.													
		N	dd	W	VV	W	PPP	TT	Nh	CL	h	CM	CH	Td	Ch	pp	Nh	CL	h	CM	CH	Td	Ch	pp	Nh	CL	h	CM	CH	Td	Ch	pp	Nh	CL	h	CM	CH	Td	Ch	pp	21h to 09h.	03h to 09h.	03h to 09h.											
Kew London Airport	775 772	*	*	*	*	*	*	67	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2	21	02	74	32	0	108	58	1	7	4	4	2	52	2	05	1	7	10	56	52	-							
		1	23	13	80	03	1	095	56	1	0	9	4	0	52	1	10	1	3	58						5	23	12	64	01	1	104	56	2	8	5	4	2	53	2	05	2	8	25	2	0	75	54	51	-				
Tangmere Hurn	874 862	6	25	14	66	03	1	108	59	6	2	4	-	55	1	10	6	8	15						6	24	14	66	02	2	117	55	3	2	4	0	2	52	3	11	3	8	18	5	0	75	55	51	TR					
		4	22	10	66	03	0	107	58	1	5	7	3	0	53	1	07	1	6	50	3	3	62			6	22	09	62	02	1	116	57	2	2	5	3	2	53	2	08	2	8	20	3	3	58	55	51	-				
Guernsey	894	4	21	15	78	03	0	105	56	3	0	9	3	2	52	1	02	3	3	60						7	21	12	74	02	2	146	59	4	5	7	2	53	2	05	4	6	56	7	0	75	56	53	-					
Felixstowe	697	0	22	15	61	01	9	089	60	0	0	9	0	0	57	2	16	1	3	58						5	22	12	61	03	1	109	59	1	2	5	4	2	55	3	08	1	8	20	5	0	70	57	53	-				
Gorleston	497	1	21	11	60	03	0	081	58	1	0	9	4	0	52	2	17	1	3	58						6	21	10	60	03	1	099	55	3	0	9	7	1	52	2	09	3	3	58	4	0	75	54	50	-				
Mildenhall	578	1	24	10	69	03	1	075	57	1	0	9	3	0	52	1	16	1	3	60						1	23	09	66	01	1	091	57	1	0	9	3	1	52	2	09	1	3	60	55	49	-							
Cardington	559	1	22	12	00	02	1	076	55	0	0	9	0	2	51	1	14	1	0	70						3	23	14	61	03	0	089	57	3	5	6	0	0	51	2	05	3	6	40	55	50	-							
West Raynham	485	2	22	20	61	01	8	065	56	2	0	9	3	0	49	2	18	2	3	62						1	22	18	62	02	0	080	56	0	0	9	0	2	49	2	03	1	0	75	51	49	-							
Wittering	462	1	21	10	66	01	8	066	55	1	5	7	0	0	50	2	19	1	6	56						3	21	14	63	03	0	077	54	3	5	7	0	0	51	2	03	1	7	04	3	6	50	51	48	-				
Boscombe Down	746	1	24	08	59	02	1	099	53	1	5	5	3	0	52	0	03	1	6	26						2	25	08	66	02	1	111	54	1	1	5	3	2	50	3	09	1	8	25	51	49	TR							
Ross-on-Wye	627																																																					
Bristol	628	6	25	11	63	02	2	090	57	6	2	5	-	52	2	09	6	8	25							7	23	09	70	32	1	084	54	7	8	6	-	46	2	03	2	8	25	7	6	35	51	46	-					
		2	23	11	74	02	1	098	56	2	8	5	0	0	48	2	03	1	8	25						2	23	11	74	02	1	098	56	2	8	5	0	0	48	2	03	1	8	25	54	49	-							
Aberporth	502	2	23	17	73	03	2	076	53	2	1	4	0	2	47	0	06	2	8	18						8	24	22	61	62	8	081	53	4	6	4	-	51	2	07	4	7	10	8	6	45	53	45	2					
Pembroke Dock	604	1	26	15	80	01	3	087	57	1	2	5	0	0	50	1	06	1	8	25						7	26	18	74	02	2	091	58	7	8	4	-	52	2	04	5	8	18	7	6	25	56	54	-					
Plymouth	827	4	25	13	61	03	8	117	58	1	2	5	3	0	54	0	04	1	8	20	4	3	58			4	26	13	66	03	1	121	51	4	8	5	0	0	50	2	06	2	8	20	4	6	50	56	52	-				
Chivenor	707	3	27	12	66	01	8	101	56	3	2	5	0	0	52	0	05	3	8	25						5	27	14	82	25	8	111	56	5	8	4	0	0	50	2	06	5	8	16	54	50	0.6							
St. Mawgan	817	2	27	15	66	01	1	115	57	2	2	5	3	0	51	0	05	2	8	25						5	28	15	82	03	1	120	57	4	2	4	3	0	50	2	04	4	8	18	56	52	TR							
Culdrose	809	3	27	11	69	01	1	124	56	2	2	5	0	1	52	1	07	2	8	20						4	28	05	76	01	1	128	56	4	9	4	6	0	50	3	03	2	9	18	53	50	0.6							
Scilly	804	4	28	13	81	03	0	126	57	4	8	4	0	0	50	2	11	4	8	14						6	30	12	81	02	8	129	55	4	8	4	0	0	49	2	04	6	8	18	55	-	0.6							
Elmdon	534	1	21	11	62	01	6	065	54	1	5	7	0	0	49	2	13	1	6	50						7	23	12	66	00	1	075	52	4	5	6	-	48	2	07	4	6	35	7	6	50	50	45	TR					
Shawbury	414	4	22	15	83	02	8	053	53	2	6	4	1	48	1	07	2	7	15							8	20	13	74	62	6	060	54	8	5	5	-	50	2	04	8	6	20	54	49	0.5								
Manchester	334	8	20	13	56	02	6	037	55	5	7	4	-	50	2	11	1	7	08	4	7	14	8	6	22		8	18	17	66	00	2	044	54	6	5	6	7	-	50	2	03	2	6	20	6	6	35	8	4	60	54	52	0.2
		8	25	17	61	00	6	025	57	6	7	3	-	55	2	04	2	7	03	6	7	06				8	25	17	61	00	6	025	57	6	7	3	-	55	2	04	2	7	03	6	7	06	54	52	4					
Squires Gate	318																																																					
Valley	302	8	26	24	74	02	2	080	55	4	6	4	-	51	2	05	4	7	15	8	6	25				8	26	16	67	62	8	044	55	5	6	3	-	53	2	06	7	5	08	8	6	20	55	54	2					
Ronaldsway	204	8	26	20	58	00	6	010	56	8	6	2	-	54	2	08	5	7	05	8	7	15				8	26	15	66	00	6	016	56	4	6	4	-	54	2	03	4	7	10	8	6	18	55	53	1					
Silloth	214	3	25	15	59	00	8	089	58	8	7	3	-	55	1	12	8	7	08							8	23	12	61	02	6	099	58</																					

00h. Ships Reports

Code FM 21.A		Wind		Weather		Cloud		Course		Bar		Temp.		Waves	
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OBSERVATIONS at 12h. G.M.T. 13th July 1957																									OBSERVATIONS at 18h. G.M.T. 13th July 1957																									OBSERVATIONS during DAY								
Code F.M.11.A	Station	Station Number	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud Amount	Cloud Low	Cloud Height	Cloud Medium	Cloud High	Dew Point Temp.	Bar	Cloud Layers	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud Amount	Cloud Low	Cloud Height	Cloud Medium	Cloud High	Dew Point Temp.	Bar	Cloud Layers	Weather	Max. Temp. 09h. to 21h. F	Sunshine	Rain 09h. to 21h. mm.	State of ground 21h.																									
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)
	Kew London Airport	775	16	19	04	02	1	116	65	5	1	5	0	47	02	5	8	28	6	21	09	02	34	9	137	6	5	3	6	3	0	0	51	2	03	2	9	30	2	03	5	9	24	3	6	56	pr	pr	HR	67	10.6	5	1					
		772	15	17	03	02	8	115	67	3	2	6	0	45	4	00	1	8	25	3	8	13	0	124	63	5	9	5	6	0	0	54	2	03	5	9	24	3	6	50	pr	pr		67	10.8	tr	1											
	Tangmere Hurn	874	24	21	00	02	8	120	65	4	2	5	4	51	1	04	4	8	22	1	24	20	02	52	1	134	63	1	3	5	0	0	51	2	03	1	9	24	3	6	50	pr	pr		66	12.2	TR	1										
		862	23	18	00	03	1	128	66	5	2	6	0	52	2	03	5	8	30	5	23	18	72	19	1	135	62	2	3	5	0	0	51	3	05	1	9	25	3	6	50	pr	pr		67		1	0										
	Guernsey Felixstowe	894	23	14	00	03	1	160	62	2	8	4	0	53	1	06	2	8	10	1	24	14	01	0	164	60	1	1	4	4	1	51	3	02	1	8	12	1	3	58	pr	pr		63	13.0	1	0											
		697	21	20	03	02	2	116	65	6	2	5	0	52	1	01	6	8	25	1	23	17	01	0	118	66	1	2	5	0	0	51	3	03	1	8	28	5	3	60	pr	pr		68	11.5	TR	1											
		497	23	18	02	02	1	111	66	4	1	5	0	5	4	2	07	4	8	21	7	24	10	03	1	111	68	3	5	5	1	0	51	6	02	3	6	30	5	3	60	pr	pr		71	11.7	TR	1										
	Mildenhall Cardington	578	25	14	00	03	1	098	64	7	8	5	0	45	1	02	4	8	25	5	24	09	06	00	8	111	61	7	8	4	1	54	3	08	6	8	18	4	5	20	pr	pr		69	10.9	0.2	0											
		559	21	20	04	02	8	105	64	5	2	5	3	8	48	3	06	5	8	20	6	20	09	02	0	109	60	2	3	6	1	0	49	3	04	4	4	30	3	3	59	pr	pr		69	12.0	TR	0										
	West Raynham Wittering	485	22	22	02	02	8	094	63	7	3	5	-	49	3	06	1	9	20	4	25	13	02	0	102	61	7	3	5	1	0	51	2	03	4	9	28	6	6	50	pr	pr		67	8.9	TR	1											
		462	22	17	03	02	1	089	64	6	1	5	3	0	48	2	04	6	8	20	3	3	02	0	100	63	5	2	9	1	0	51	2	04	5	8	20	5	3	60	pr	pr		67	6.3	1	1											
	Boscombe Down	746	25	17	02	02	1	116	66	5	2	5	0	0	50	8	02	5	8	28	7	26	09	02	0	132	58	7	2	5	1	54	2	04	2	8	25	7	8	30	pr	pr		67	7.9	1	1											
	Ross-on-Wye	627	24	10	02	02	8	110	61	8	8	6	-	51	1	09	6	8	30	8	25	12	71	02	5	112	60	8	5	9	1	0	47	2	05	8	6	28	6	4	50	pr	pr		67	2.9	0.1	0										
	Bristol	628	24	25	02	01	8	111	64	4	8	5	6	1	51	2	07	3	8	25	2	20	02	0	120	63	2	2	5	3	0	48	2	06	2	8	26	6	4	50	pr	pr		67	1.4	TR	0											
	Aberporth	502	24	25	09	01	6	098	57	5	8	4	7	54	2	07	4	8	18	7	2	20	09	02	0	106	59	8	8	4	1	0	50	6	02	6	8	18	8	6	40	pr	pr		60	1.6	1	1										
	Pembroke Dock	604	26	17	04	02	2	111	62	7	8	4	-	53	2	10	4	8	18	6	6	40	8	26	10	6	119	59	3	6	4	1	53	4	01	3	7	10	9	6	20	pr	pr		62	2.9	1	1										
	Plymouth	827	23	12	05	15	8	138	60	1	8	5	3	1	48	1	07	1	8	20	2	19	10	02	0	167	63	2	8	0	1	48	2	03	2	8	25	5	3	60	pr	pr		63	12.1	0.2	0											
	Chivenor	707	25	22	00	02	2	139	66	2	2	5	3	4	53	1	10	2	8	25	3	3	80	5	27	18	01	03	0	0	140	62	4	2	9	3	2	5	0	4	8	25	pr	pr		61	11.1	0.2	0									
	St. Mawgan	817	25	18	03	15	8	139	63	3	9	5	0	2	50	2	07	2	9	20	3	26	20	02	1	140	61	3	2	9	0	1	51	2	08	3	8	25	6	4	50	pr	pr		64	12.7	0.1	1										
	Culdrose	809	27	16	01	08	8	144	63	4	9	4	0	52	3	06	1	9	15	3	8	20	6	28	17	03	8	154	60	5	2	8	0	49	2	05	9	8	25	pr	pr		63	13.2	TR	0												
	Scilly	804	29	13	02	02	2	140	62	3	2	4	0	50	2	10	3	8	18	7	24	14	02	0	156	63	3	8	4	0	9	51	2	01	3	8	18	6	3	50	pr	pr		63	1.5	1	1											
	Elmdon	534	23	16	02	00	8	087	60	4	8	5	7	53	2	07	2	8	20	4	6	45	7	24	14	02	8	098	60	4	8	4	1	52	2	04	1	8	19	3	6	40	pr	pr		61	0.8	0.6	1									
	Shawbury	414	25	18	02	05	8	074	60	7	8	5	-	9	51	3	10	6	20	8	23	16	74	00	8	085	59	6	8	5	1	51	2	02	5	3	25	4	6	36	pr	pr		61	0.0	0.2	1											
	Manchester	334	23	06	01	58	6	061	57	5	8	4	7	52	2	06	1	8	15	5	6	18	8	20	14	06	8	072	58	4	7	4	1	55	2	03	2	1	15	8	5	56	pr	pr		61	0.0	0.2	1									
	Squires Gate	318	24	21	57	50	6	048	57	5	7	3	-	55	2	10	2	7	05	5	7	07	8	24	16	02	6	058	59	6	6	3	1	57	3	06	2	7	04	6	7	06	pr	pr		59	0.0	0.2	1									
	Valley	302	24	24	20	63	6	063	55	8	7	2	-	55	2	07	8	7	05	7	07	8	24	13	06	15	8	076	58	4	8	4	1	56	2	09	4	8	18	8	6	30	pr	pr		59	0.0	1	1									
	Ronaldsway	204	27	16	08	01	6	038	60	4	5	4	-	56	2	10	2	7	07	4	6	14	6	24	16	06	6	053	59	3	5	4	1	57	3	07	1	7	08	3	6	18	pr	pr		61	1.0	3	1									
	Silloth	214	22	11	02	21	6	021	59	8	5	4	-	54	1	07	2	7	08	8	6	18	8	24	13	04	6	036	59	8	5	5	1	54	3	09	8	6	22	3	6	18	pr	pr		61	0.3	0.2	1									
	Watnail	354	24	17	19	02	6	078	59	7	8	5	-	50	3	04	5	8	20	6	6	40	7	24	15	06	8	089	60	7	8	5	3	51	2	08	3	8	20	9	6	50	pr	pr		62	1.6	0.1	1									
	Spurn Head	396	23	20	06	02	2	076	64	7	8	5	-	59	2	10	3	8	20	7	6	25	7	23	20	06	2	081	63	7	2	5	1	56	2	04	7	8	25	5	6	35	pr	pr		66	2.6	1	0									
	Lindholme	362	24	18	06	02	6	068	61	8	5	5	-	51	2	06	6	6	25	7	25	17	03	02	8	076	61	6	8	9	3	1	51	2	03	4	8	20	5	6	35	pr	pr		63	0.4	3	2										
	Dishforth	261	21	14	09	25	8	046	60	8	8	5	-	54	2	10	6	8	20	7	6	40	8	19	13	02	2	096	59	8	8	9	1	54	2	05	9	8	20	6	6	38	pr	pr		62	1.0	1	1									
	Tynemouth	262	23	12	01	02	8	020	62	6	5	6	7	55	2	11	6	6	30	8	23	11	01	02	8	084	63	6	5	6	7	56	3	05	6	6	30	6	6	38	pr	pr		65	0.4	1	1											
	Eskdalemuir	162	23	16	08	01	6	008	55	6	7	2	-	55	1	09	6	7	03	8	7	08	7	22	12	05	8	022	56	8	2	4	6	54	2	09	5	8	15	7	3	57	pr	pr		59	0.1	0.9	1									
	West Freugh	130	28	18	02	00	5	025	57	7	6	2	-	55	2	12	7	6	8	7	08	8	28	13	05	2	041	56	5	6	2	1	54	2	09	5	7	04	8	7	07	pr	pr		64	1.4	2	1										
	Prestwick	135	28	10	01	02	6	007	61	3	6	4	7	57	2	10	1	7	08	3	6	18	8	23	11	06	8	023	59	8	8	3	1	57	2	11	7	09	4	8	15	pr	pr		64	0.3	3	2										
	Renfrew	141	25	07																																																						

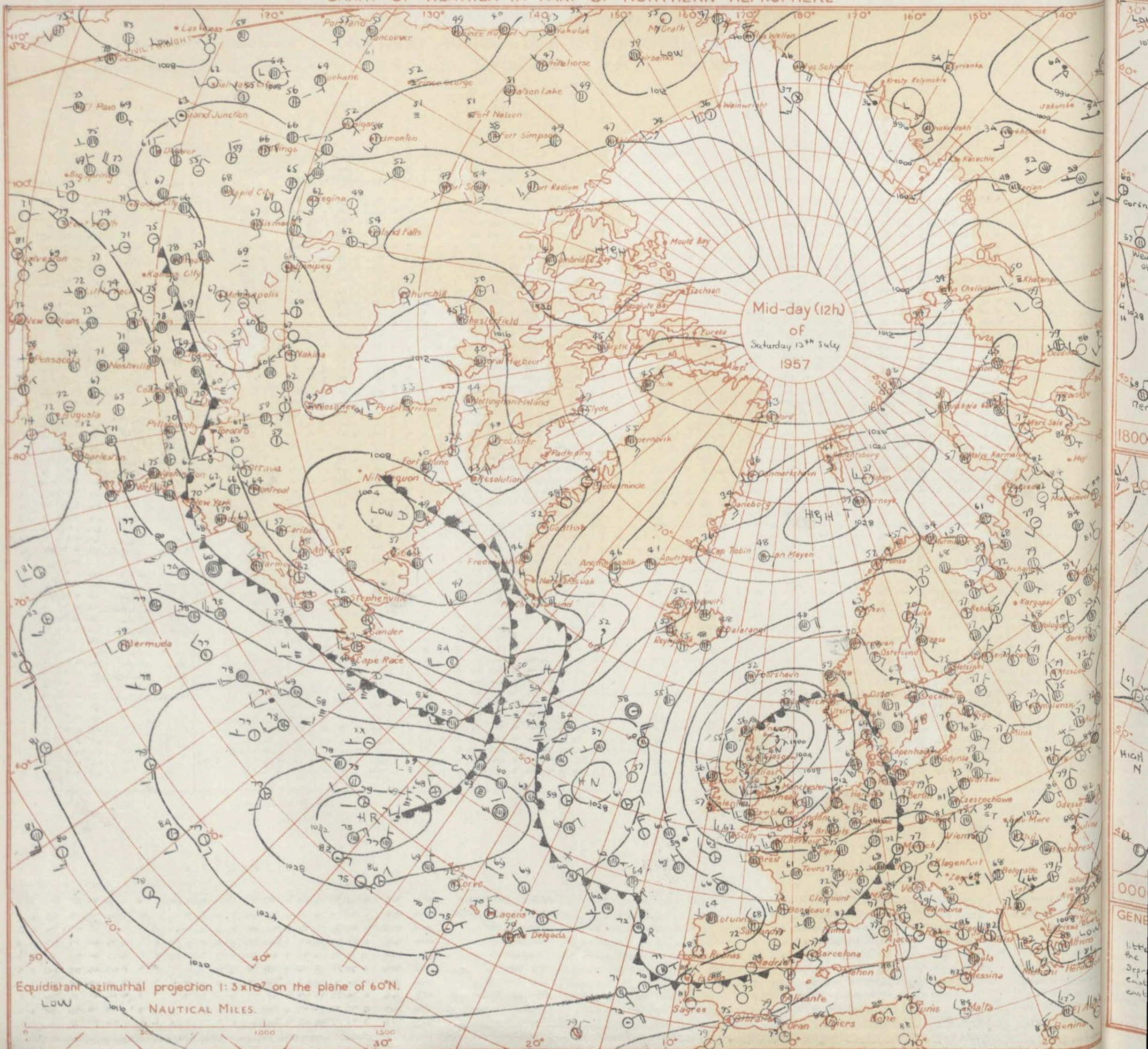
12h. Ships Reports																				18h. Ships Reports																														
Code F.M.21.A		Ship	LAT.	LONG.	Total Cloud		Wind		Weather		Cloud					Course		Bar	Temp.		Waves																													
LAT.	LONG.				Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction		Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height																								
																		Direction									Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height				
																																															LstLst	LoLoLo	N	dd
WEATHER OBSERVER		524	200	2	31	12	99	02	0	254	57	1	5	3	0	0	2	17	51	51	34	3	3	WEATHER OBSERVER		524	200	4	31	12	99	03	1	267	57	1	5	0	0	0	0	2	10	52	51	32	3	3		
WEATHER EXPLORER		589	189	7	33	12	99	02	2	230	55	7	8	5	-	0	0	2	10	51	49	49	-	3	WEATHER EXPLORER		588	189	3	32	12	99	02	1	236	55	3	5	5	0	0	0	0	4	00	51	48	49	x	3
POLAR FRONT		662	022(E)	8	06	18	98	02	5	188	48	8	6	3	-	0	0	7	06	52	46	06	3	3	POLAR FRONT		660	021(E)	8	04	16	93	45	6	166	48	8	6	1	-	-	4	1	7	11	53	48	06	3	2
PIERNOZ		450	164	7	31	08	70	02	6	237	64	3	3	5	-	0	0	2	11	00	61	27	2	1	PIERNOZ		450	163	4	35	10	75	03	1	245	68	4	8	4	0	0	x	x	x	11	00	59	32	4	2
CIRRUS		619	329	8	17	11	50	51	5	149	52	8	6	3	-	0	0	7	11	00	50	20	3	2	CIRRUS		620	230	8	19	12	60	61	3	118	52	8	7	2	-	-	0	0	6	17	00	50	19	3	2
U.S. SHIP "D"		440	410	5	23	09	63	40	1	288	69	5	6	2	0	0	0	3	12	00	68	26	3	4	U.S. SHIP "C"		528	355	8	25	13	54	46	6	221	58	8	7	2	-	-	0	0	3	05	03	52	24	3	4
WEATHER RECORDER		568	086	8	34	32	97	25	8	059	55	8	5	5	-	7	3	3	24	51	54	24	4	6	U.S. SHIP "D"		440	410	1	20	11	69	02	0	290	73	0	0	9	0	1	0	0	4	00	04	69	22	2	3
U.S. SHIP "B"		365	510	7	18	15	69	02	1	078	47	7	0	9	3	-	0	0	3	05	01	45	18	2	WEATHER RECORDER		573	096	8	36	32	96	02	6	107	55	6	7	3	2	-	7	3	26	00	51	35	4	7	
U.S. SHIP "C"		528	355	9	25	10	00	47	6	207	53	9	-	0	-	0	0	2	08	02	53	22	3	3	CAIRNGOWAN		576	197	4	33	09	98	02	0	245	56	4	1	6	0	0	2	5	5	05	00	48	35	2	0
RATHLIN HEAD		549	385	7	21	15	74	10	4	137	50	9	-	0	-	6	5	7	05	52	50	22	-	-	CORINALDO		546	235	3	18	17	98	03	0	254	60	2	2	5	x	5	6	6	0	00	02	90	x	x	

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

* Information not usually received.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



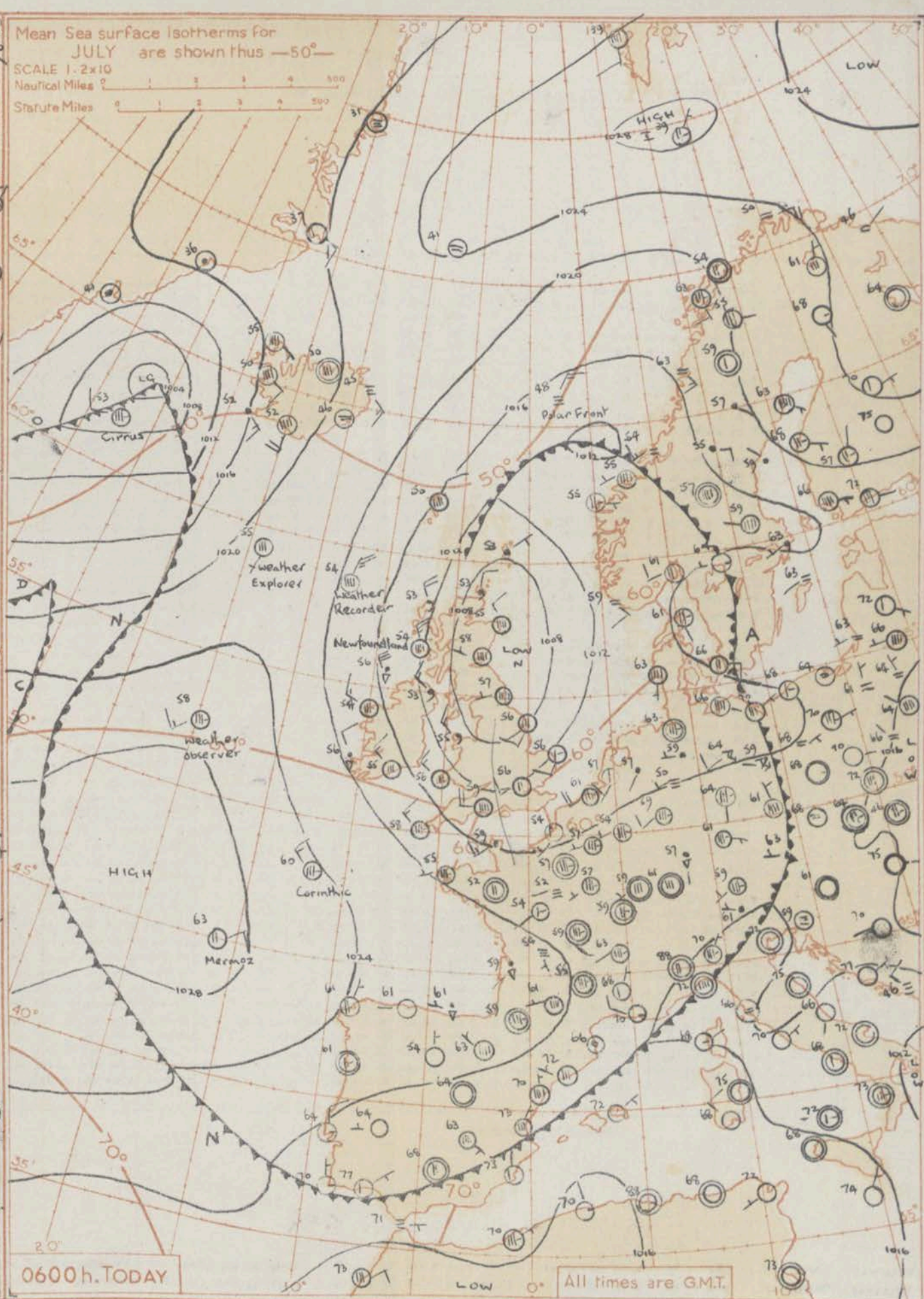
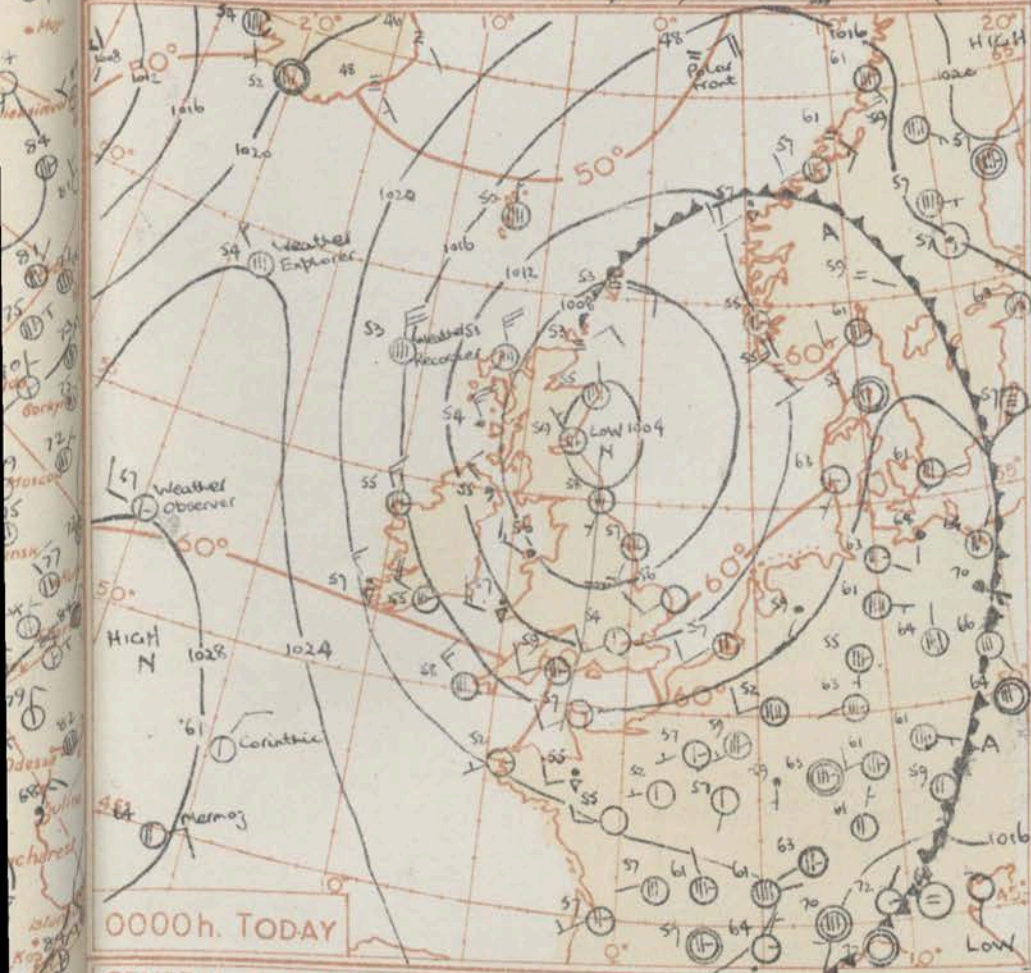
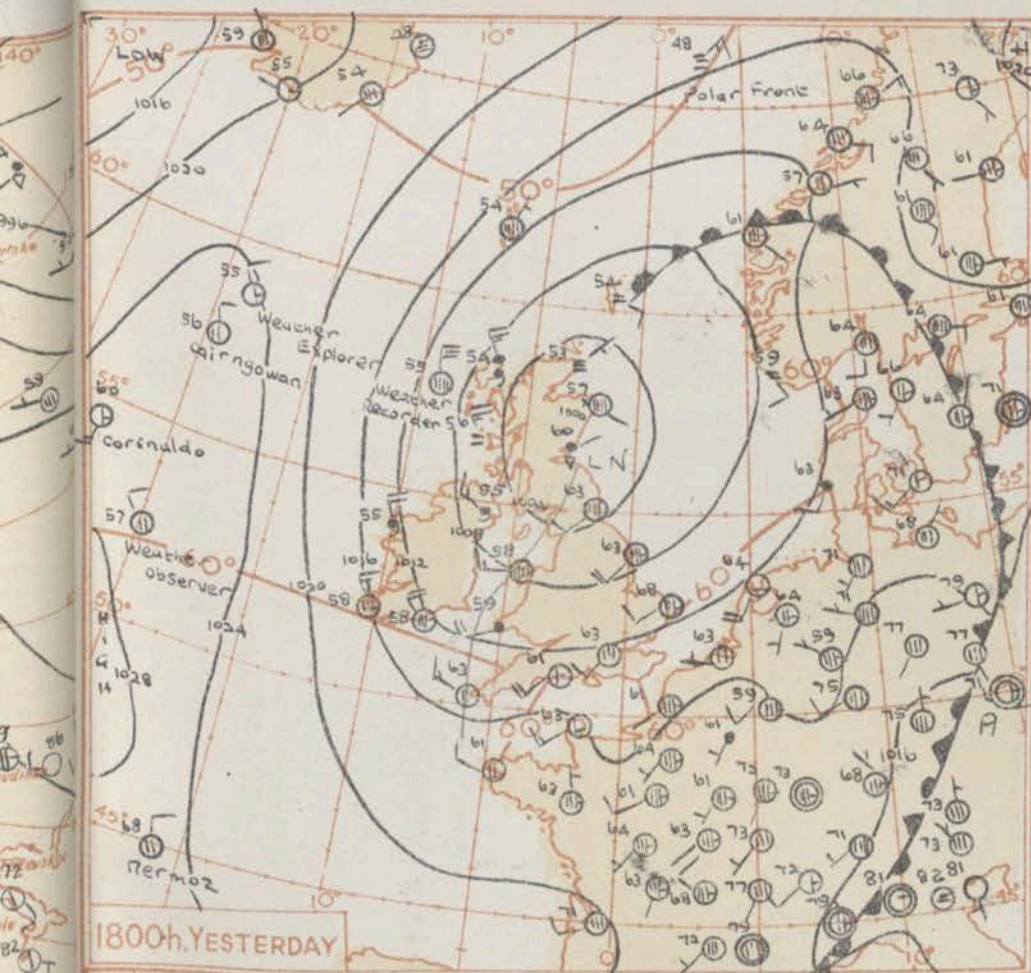
Equidistant azimuthal projection 1:3 x 10⁷ on the plane of 60°N.

LOW NAUTICAL MILES.

000

GENE

little
the
depr
east
east



GENERAL SYNOPSIS DEVELOPMENT

A depression centred over eastern Scotland moved very little as it fills slowly. A ridge of high pressure moved south-eastwards over the Atlantic as a depression developed between Iceland and Greenland. This depression is expected to go on deepening for a time as it moves slowly eastwards later probably turning south-east towards Scotland. The depression off eastern Scotland will fill up without moving very much.

Issued at midday today Sunday 14th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

In most parts of the British Isles the weather will be cloudy with showers or occasional rain or drizzle. In northeast Scotland coastal and hill fog patches will persist but in south east Scotland and eastern districts of England there will be intervals of brighter weather. It will be rather cool.

OUTLOOK FOR the following 24 hours:-

Dull rainy weather spreading into western and northern areas. Probably mainly dry in the southeast.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T.																									OBSERVATIONS at 06h. G.M.T.																									OBSERVATIONS during Night																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Code FM 11.A		Station Number	Wind		Weather		Bar at M.S.L.	Cloud					Dew Point Temp.	Bar		Cloud Layers					Total Cloud	Wind		Weather		Bar at M.S.L.	Cloud					Dew Point Temp.	Bar		Cloud Layers					Weather	Temp. 21h to 09h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Station	Direction		Speed	Visibility	Present	Past		Amount	Low	Height	Medium	High		Change in 3 hours	Amount	Form	Height	Amount	Form	Height		Amount	Form	Height	Direction		Speed	Visibility	Present	Past	Amount		Low	Height	Medium	High	Change in 3 hours	Amount	Form		Height	Amount	Form	Height	21h to 03h.	03h to 09h.	Min. °F	Min. °F on grass	Rain 21h to 09h in in.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Kew	775	58	4	21	10	80	03	0	129	57	2	7	4	0	53	6	03	2	7	10	3	6	56	.	.	55	50	.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
London Airport	772	1	22	08	75	02	1	136	54	1	5	5	0	52	0	02	1	6	3	5	4	22	10	74	01	0	124	56	3	7	4	0	54	6	04	2	7	10	3	6	56	.	.	53	50	T																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Tangmere	874	1	20	02	80	02	0	145	54	1	2	5	0	53	3	01	1	3	2	0	7	20	08	63	25	8	133	58	6	9	2	7	0	55	4	02	1	7	10	3	6	56	.	.	52	43	.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Hurn	862	6	23	10	66	03	2	144	51	1	5	7	0	52	2	04	1	6	5	6	7	22	12	61	03	6	137	58	7	8	4	7	0	55	4	00	1	8	15	7	6	50	6	3	58	.	.	54	46	33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Guernsey	894	1	23	13	82	02	0	178	56	1	1	0	0	52	0	01	1	8	12	7	24	14	74	06	6	170	57	5	6	2	7	2	58	1	03	5	7	04	5	3	58	.	.	55	52	26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Felixstowe	697	0	22	09	66	02	0	134	59	0	0	0	0	52	0	06	0	8	12	1	22	12	66	02	1	130	59	1	2	5	7	0	58	1	01	1	8	25	.	.	57	54	.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Gorleston	497	0	22	08	64	02	0	136	56	0	0	0	0	52	0	01	0	8	12	1	22	12	66	02	1	130	59	1	2	5	7	0	58	1	01	1	8	25	.	.	53	51	.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Mildenhall	578	1	23	07	63	02	1	121	56	0	0	0	0	52	0	01	0	8	12	3	20	11	60	03	0	122	56	1	2	5	7	0	52	5	00	2	8	18	4	0	70	.	.	54	49	T																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Cardington	559	7	20	16	61	01	3	120	56	0	0	0	0	52	0	01	0	8	12	6	23	07	74	03	1	112	56	1	4	3	2	52	5	00	2	8	18	4	0	70	.	.	54	50	T																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

00h. Ships Reports

Code FM 21.A	Ship	LAT.	LONG.	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.		Cloud					Course	Bar	Temp.	Waves
				N	dd	ff	vv	ww	pp	tt	Nh	CL	h	CM	CH				
		Lat	Long	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	WEATHER EXPLORER	58N	198	6	31	06	99	03	1	245	54	4	5	6	3	1	2	46	47
	WEATHER OBSERVER	52N	201	3	28	10	99	01	0	278	57	2	1	4	8	0	0	52	49
	Meteor	44S	164	4	05	12	75	02	1	280	64	5	2	4	8	0	0	2	16
	Blue Front	66N	018E	8	04	4	94	10	5	153	48	3	6	2	.	0	0	7	09
	Cirrus	62N	31E	8	17	10	50	6	6	072	55	7	3	2	.	0	0	7	17
	U.S. SHIP 'C'	52N	355	8	20	06	67	24	4	219	51	8	0	3	7	0	0	1	05
	U.S. SHIP 'B'	44N	410	1	18	10	78	01	1	391	70	1	0	3	0	0	0	4	00
	Irish Oak	49S	270	8	18	09	98	02	2	293	62	6	4	.	.	1	6	1	08
	Corinthian	47S	146	2	02	12	99	02	0	271	61	2	1	6	.	0	0	10	54
	Weather Recorder	55N	110	5	35	10	97	02	2	156	53	8	5	4	.	7	3	2	21

06h. Ships Reports

Ship	LAT.	LONG.	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar		Temp.		Direction			
			Total Cloud	Direction	Speed	Visibility			Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours		Sea	Dew Point	
																							N
Is	La	Lo	Lo	N	dd	ff	VV	ww	W	PP	TT	Nh	CL	h	CM	CH	Ds	Vs	z	pp	Ts	Td	Td
WEATHER EXPLORER	590	190	6	19	07	99	03	1	266	55	1	1	5	7	-	-	7	1	7	14	51	49	49
WEATHER OBSERVER	522	200	7	23	14	99	03	1	263	58	7	5	7	-	-	-	0	0	7	13	51	54	07
MARMOL	452	158	4	05	10	75	02	1	253	63	4	2	4	0	0	0	0	0	2	02	51	54	36
POLAR FRONT	661	018E	9	02	13	92	44	5	139	48	9	-	-	-	-	-	0	0	6	02	51	48	49
CIRCUS	620	330	7	26	10	80	01	6	023	53	6	6	-	0	0	-	1	1	6	0	00	50	19
U.S. SHIP 'C	528	355	9	23	10	19	58	6	240	31	9	-	0	-	-	-	0	0	7	08	02	53	32
U.S. SHIP 'D	440	410	7	20	11	72	02	2	290	70	7	1	1	-	-	-	0	0	0	02	01	68	21
CORINTHIC	479	120	7	31	17	95	16	1	260	60	6	7	2	7	-	-	1	6	7	03	55	52	36
NEWFOUNDLAND	355	097	8	34	28	99	48	5	127	86	8	7	2	-	-	-	6	5	2	30	54	50	52
WEATHER RECORDER	586	121	8	01	25	98	02	2	179	82	8	5	4	-	-	-	7	3	3	14	52	50	45

Date of Issue... Monday, 15th July..... 1957

OBSERVATIONS at 18h. G.M.T. 14th July 1957

OBSERVATIONS during DAY

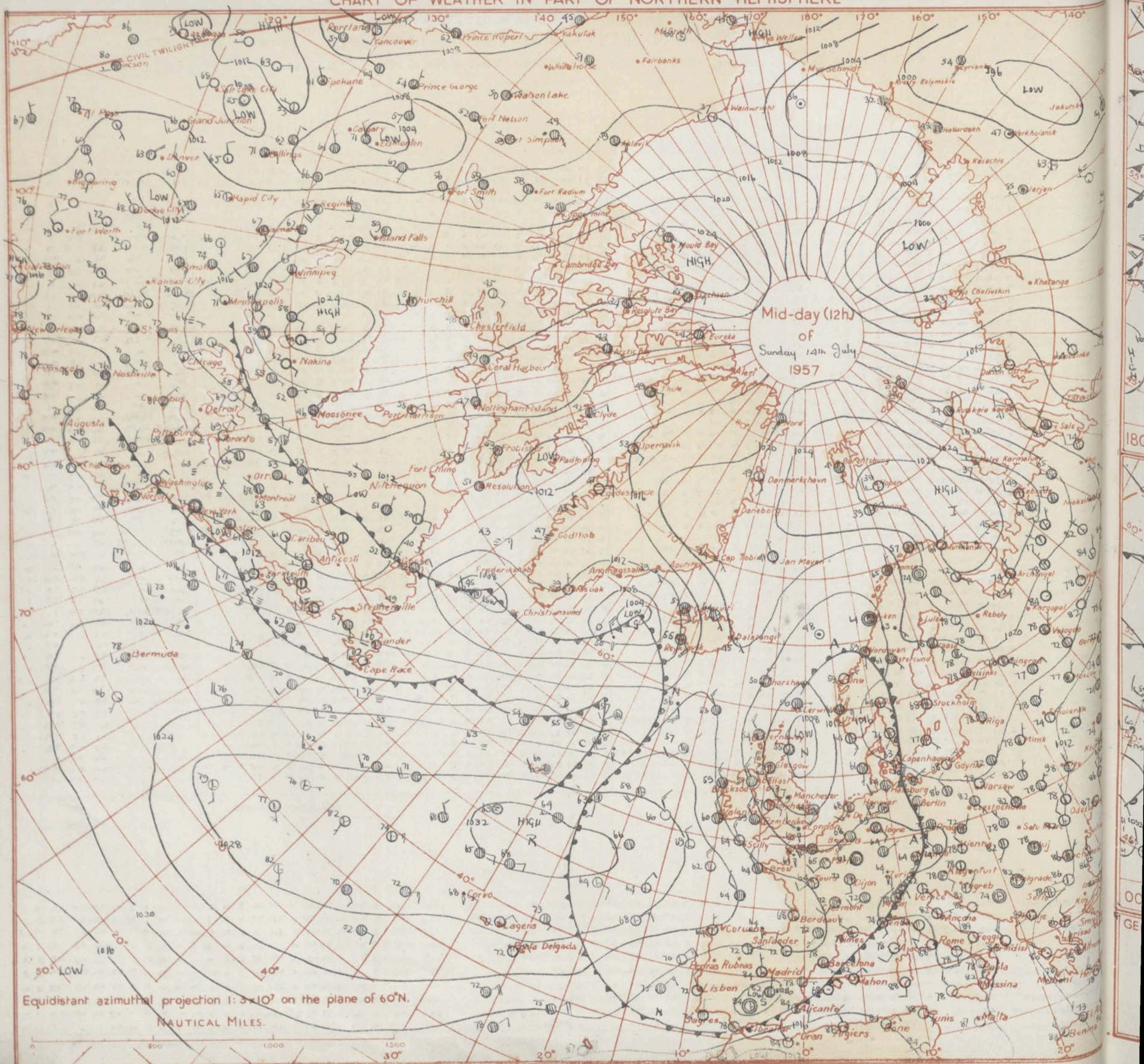
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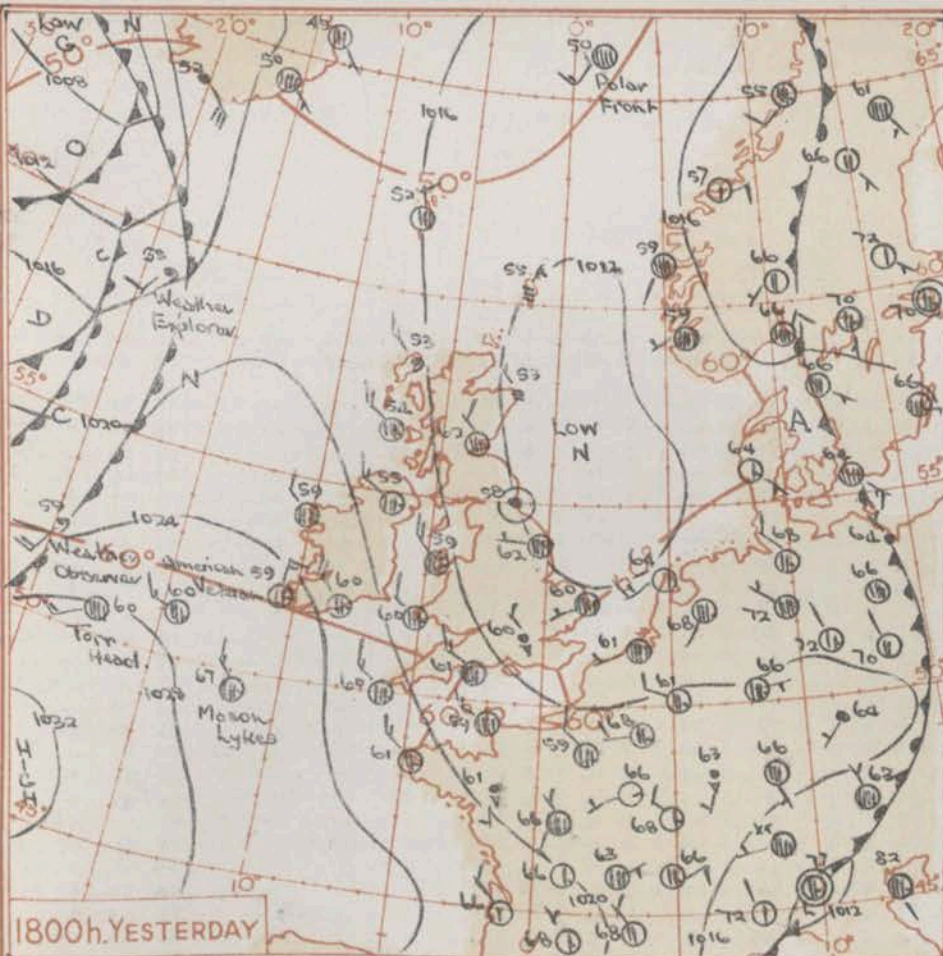
18h. Ships Reports

Code F.M.21.A		17h. Ships Reports																				18h. Ships Reports																										
Ship.	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar		Temp		Waves		Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar		Temp		Waves						
				Direction	Speed	Present	Past			Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction					Period	Height	Direction	Speed			Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height										
				N	dd	ff	VV			ww	W	PPP	TT	Nh	CL	H	CM	CH	Ds	Vs	s					pp	Ts	Td	Tdwd			Pw	Hw	Nh	CL	H	CM	CH	Ds	Vs	s	pp	Ts	Td	Tdwd	Pw	Hw	
WEATHER OBSERVER	533	199	8	22	18	99	02	2	263	58	7	5	5	1	0	0	7	05	51	55	23	2	4	WEATHER EXPLORER	590	190	8	24	12	95	50	6	154	56	8	6	2	1	0	0	5	01	00	54	15	4	3	
WEATHER EXPLORER	590	190	8	17	25	97	61	6	176	56	7	7	2	2	0	0	5	17	51	33	49	1	3	WEATHER OBSERVER	523	197	8	24	20	97	50	6	237	59	6	7	3	1	0	0	1	7	13	00	57	24	3	2
POLAR FRONT	660	018 (E)	8	00	00	13	60	6	135	48	8	6	2	1	0	0	7	04	52	48	49	2	2	WEATHER OBSERVER	451	158	2	34	10	75	01	0	313	66	3	8	4	0	0	0	0	8	01	00	54	36	4	3
NERVOZ	452	158	2	01	10	75	05	0	305	64	1	2	4	0	0	0	2	03	51	54	36	4	2	NERVOZ	660	018 (E)	8	21	14	97	02	6	146	50	8	6	2	1	0	0	2	09	51	48	49	3	2	
CIRRUS	619	329	7	30	24	90	80	2	061	50	7	2	3	0	0	6	1	3	08	51	43	27	3	4	CIRRUS	619	330	8	29	19	65	02	2	092	48	8	9	2	1	0	0	2	23	52	43	28	3	5
U.S. SHIP "C"	528	355	8	25	10	65	02	4	216	54	8	6	4	1	0	0	8	03	03	54	24	3	3	U.S. SHIP "C"	527	355	9	29	12	01	46	4	207	54	9	1	0	1	0	0	3	02	02	54	24	3	4	
U.S. SHIP "D"	440	410	7	20	10	78	03	1	280	71	7	5	2	1	0	0	2	03	02	69	22	3	4	U.S. SHIP "D"	440	410	1	20	18	78	05	0	284	73	1	5	2	0	2	0	0	6	03	04	69	19	2	4
WEATHER RECORDER	593	134	8	31	13	98	01	5	200	53	8	5	5	1	0	7	1	02	52	49	04	4	4	WEATHER RECORDER	497	108	7	34	16	98	03	2	261	67	7	8	2	0	2	5	7	27	05	54	32	4	2	
AMERICAN MERCHANT	194	131	3	30	20	98	03	1	388	69	3	2	5	0	0	2	5	1	02	57	53	34	3	4	AMERICAN MERCHANT	504	172	8	26	16	98	03	2	284	68	0	0	9	7	0	6	7	05	00	60	26	1	1
DAURETANIA	466	329	9	39	02	92	45	4	317	62	9	1	0	1	1	8	2	07	01	61	-	-	AMERICAN VETERAN	511	149	7	28	16	98	03	1	271	60	2	2	2	0	6	7	05	00	60	26	1	1			
All times of observation unless otherwise stated are in Greenwich Mean Time.																																																

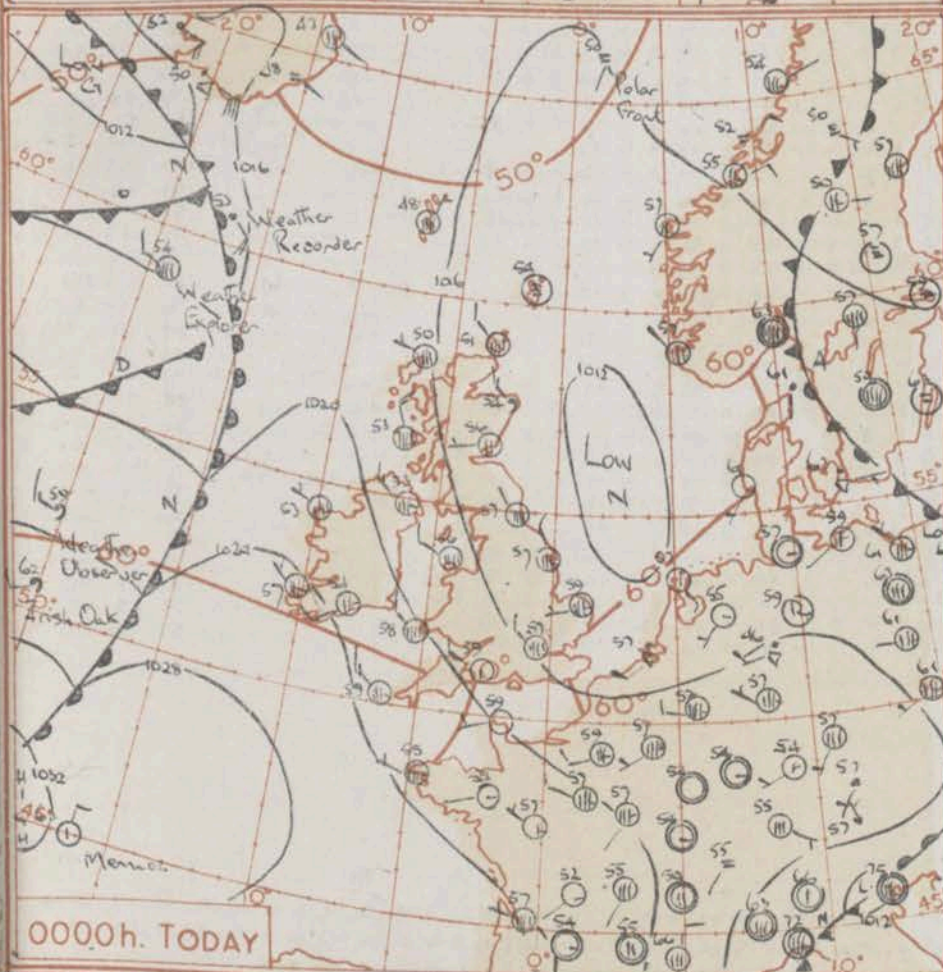
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



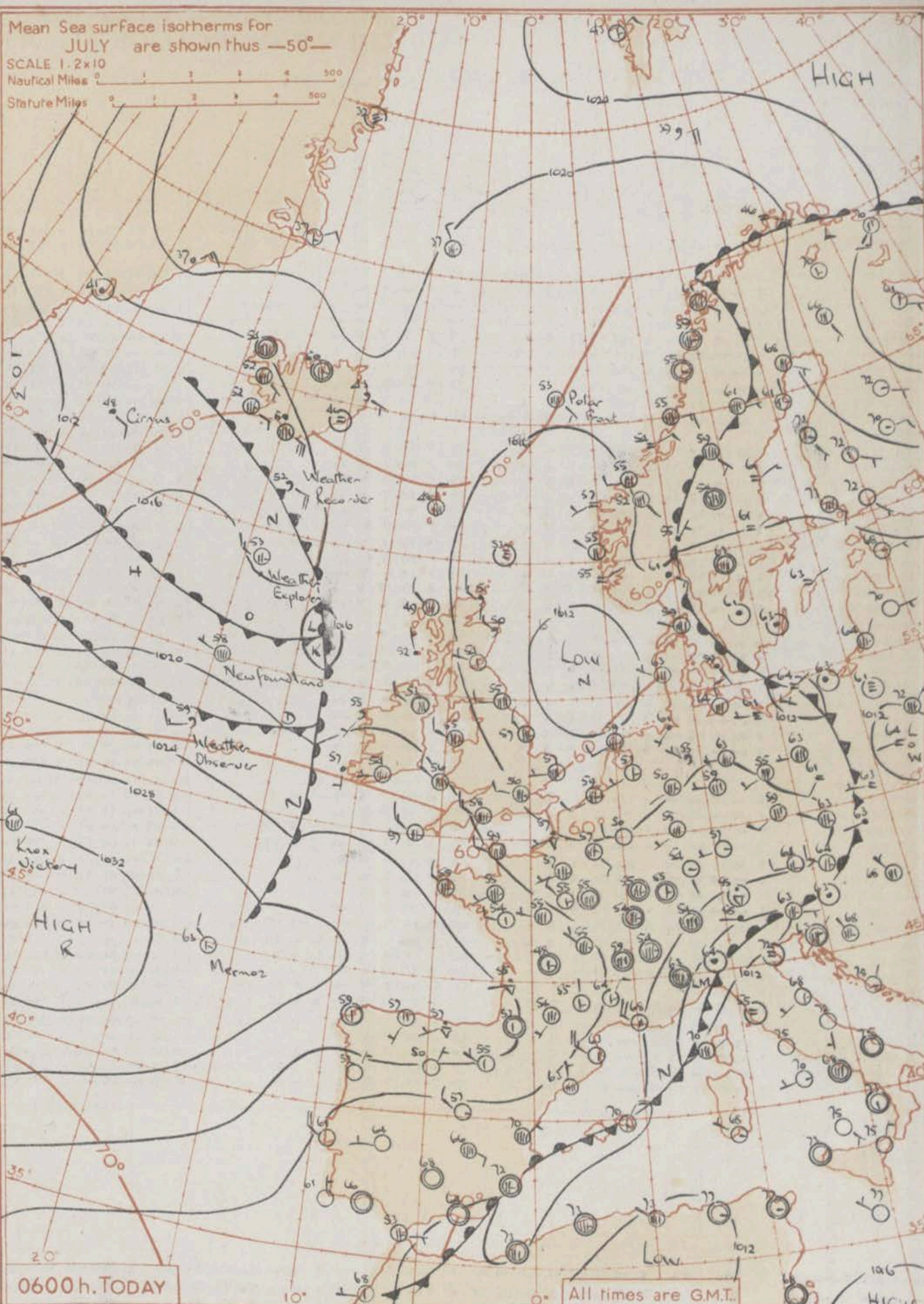


1800h. YESTERDAY



0000h. TODAY

Mean Sea surface isotherms for JULY are shown thus —50°—
SCALE 1:2x10
Nautical Miles 0 100 200 300 400 500
Statute Miles 0 100 200 300 400 500



0600h. TODAY

All times are G.M.T.

GENERAL SYNOPSIS DEVELOPMENT

A depression near east Scotland moved a little eastwards over the North Sea and filled up slightly as a weakening ridge of high pressure moved southwards towards the British Isles. The weak ridge will cross most districts followed quickly by the warm front of a depression near Iceland. This depression will probably move southwards and later cross the British Isles.

Issued at midday

today Monday 15th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

The weather will be cloudy and mostly cool with periods of rain or drizzle at times in all districts but especially in the north.

OUTLOOK FOR following 24 hours:-

Cloudy and cool with rain at times in the north. Probably becoming brighter in the south with temperatures about normal.

CoCode

* Information not usually received.

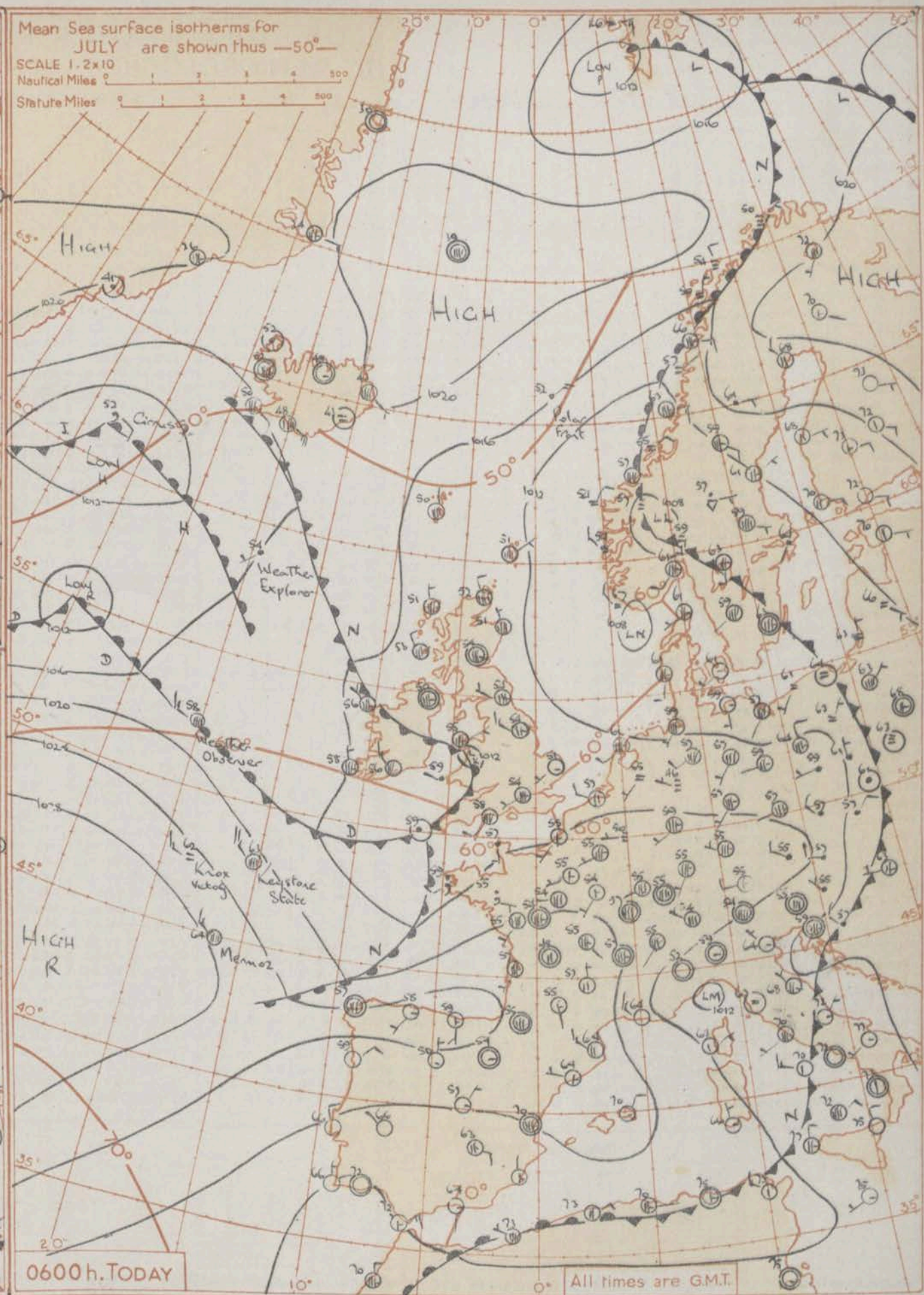
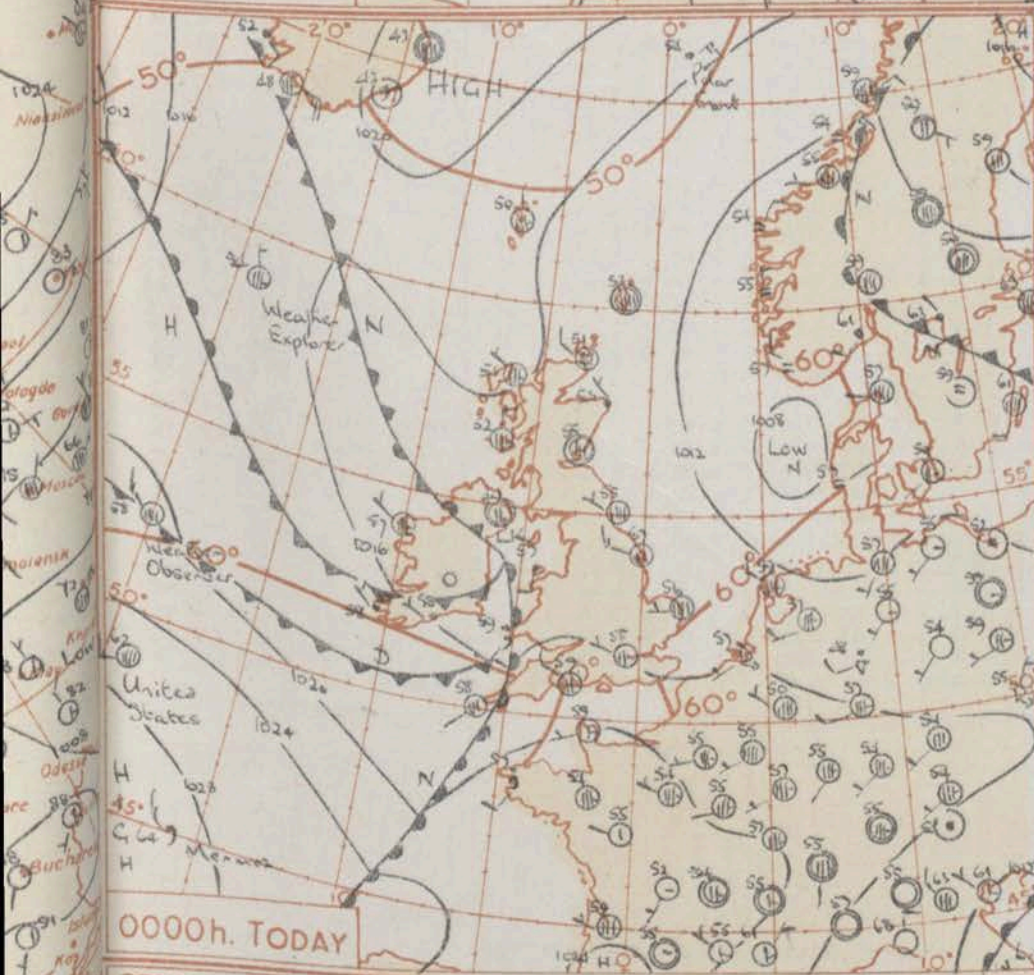
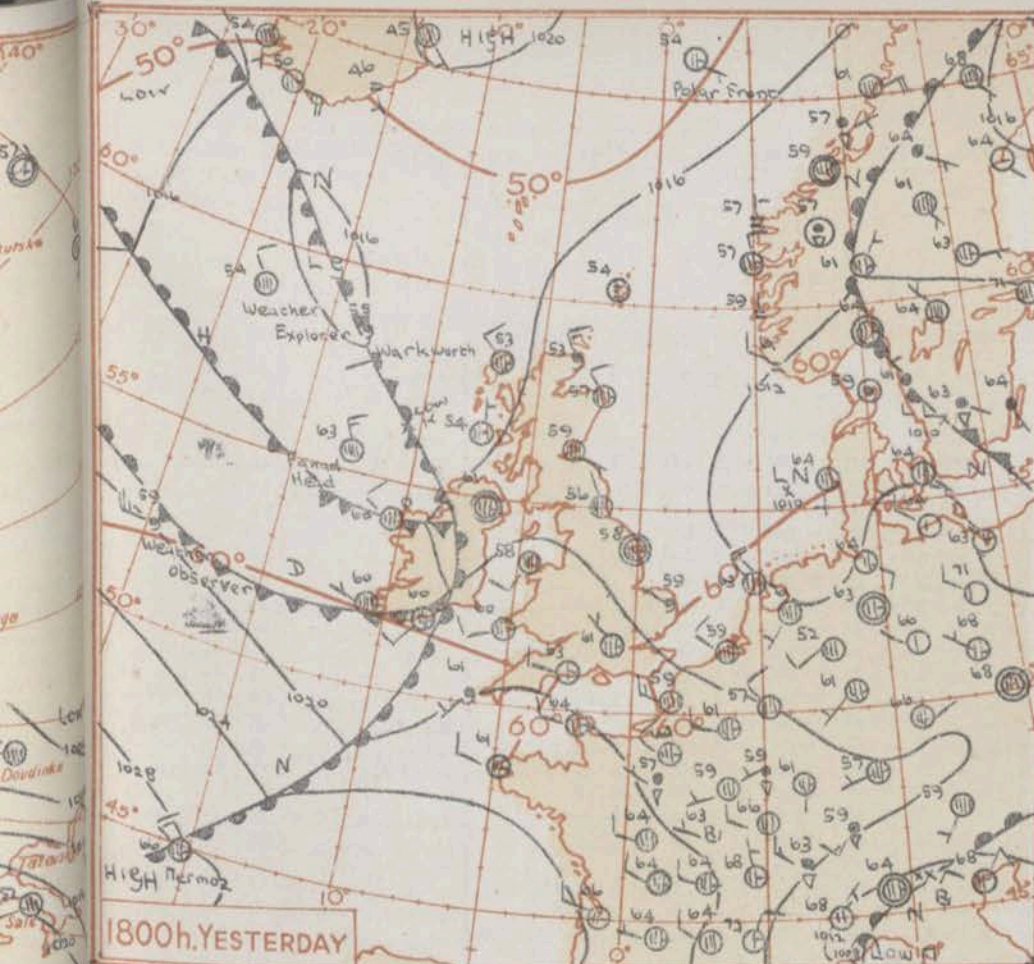
OBSERVATIONS during DAY

18h. Ships Reports

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Mean Sea surface isotherms for JULY are shown thus —50°—
 SCALE 1:2x10
 Nautical Miles 0 1 2 3 4 500
 Statute Miles 0 1 2 3 4 500

GENERAL SYNOPSIS DEVELOPMENT

The North Sea depression has continued moving slowly eastwards. The depression which was approaching the British Isles from the north west yesterday morning crossed Ireland later yesterday and is now moving south of east over England. This depression has deepened a little over the British Isles and will probably move towards the low countries or north-east France with slight deepening. Another depression is expected to move from mid Atlantic probably crossing the west coast of Ireland early tomorrow.

Issued at midday

today Tuesday 16th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Although the cloud may break up at times in some areas to give a few bright intervals, the weather generally over the British Isles will be mostly cloudy and rather cool. Further outbreaks of rain or drizzle are expected and a few of the outbreaks may be heavy in places.

OUTLOOK FOR the following 24 hours.
 Little general change.

All times are GMT.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 16th July 1957																									OBSERVATIONS at 06h. G.M.T. 16th July 1957																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Code F.M. 11.A	Station	Station Number	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Weather	Temp. 21h to 09h	Min. 21h to 09h	Max. 21h to 09h	Remarks																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			N dd	W VV	W W	PP	TT	Nh	CL	h	CM	CH	Td	(15)	(16)	Nh	CL	h	CM	CH	Td	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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00h. Ships Reports

Code FM 21.A	Ship	LAT.	LONG.	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp	Cloud					Course		Bar	Temp.			Waves		
Total Cloud				Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
Lalala	LoLoLo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	x	pp	Ts	Td	Td	dwdw	Pw	Hw
WEATHER OBSERVER.	525	199	8	30	17	98	02	5	200	58	5	5	6	0	7	0	0	2	08	51	50	29	3	4
WEATHER EXPLORER	589	186	7	35	05	98	02	2	170	54	7	5	6	-	-	0	0	2	03	52	45	49	-	2
POLAR FRONT.	660	021E	8	04	13	97	60	6	172	54	6	7	4	1	-	0	0	5	08	00	50	04	2	1
HERMOS.	448	154	8	32	14	56	50	2	292	64	8	5	5	-	-	0	0	8	02	51	63	33	4	2
CIRRUS	620	330	8	12	10	20	50	6	102	52	8	6	2	-	-	0	0	7	06	01	50	12	3	2
U.S. SHIP "C".	528	355	8	18	02	59	71	6	173	53	8	6	2	-	-	0	0	7	24	01	53	23	3	3
U.S. SHIP "D".	440	410	6	20	20	69	02	2	261	71	5	6	2	0	1	0	0	6	02	01	69	20	2	4
VICTORY.	474	306	9	27	15	98	00	2	301	62	9	1	0	-	-	2	6	8	07	01	59	27	3	3
CALEDONIA.	432	091	8	31	05	98	03	2	268	64	2	7	4	2	-	8	6	8	05	53	57	31	-	1
UNITED STATES.	469	190	8	16	15	96	20	2	247	62	7	7	3	2	-	1	9	7	14	51	52	26	3	2

06h. Ships Reports

Code F.M. 21.A	Ship	LAT.	LONG.	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form
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THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Wednesday 17th July

1957

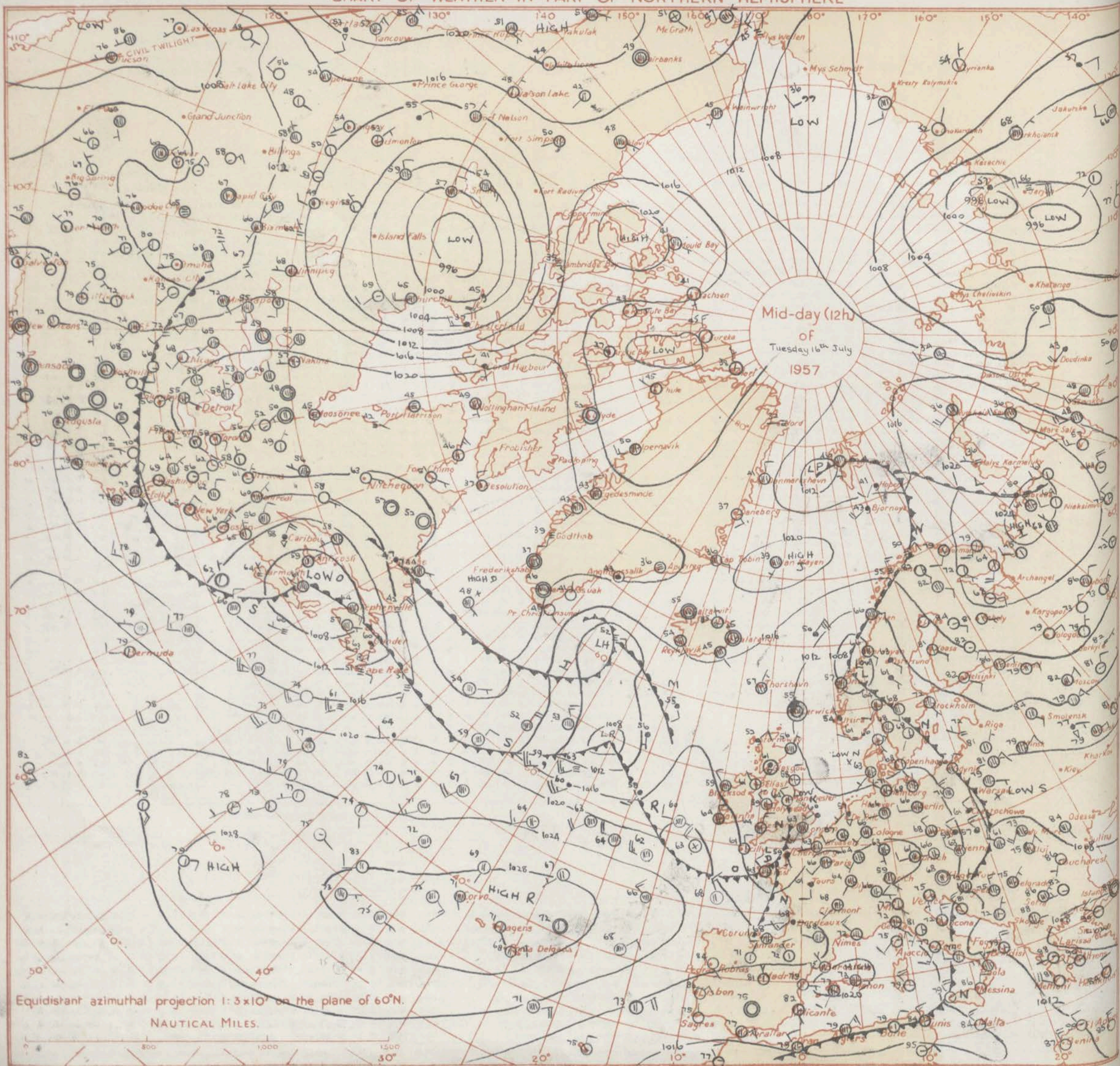
Code F.M. 21 A		12h. Ships Reports																				18h. Ships Reports																																	
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.	Waves			Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.	Waves														
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction			Speed	Character	Change in 3 hours					Sea	Dew Point	Direction	Period			Height	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.			Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
WEATHER EXPLORER	590	188	8	14	08	98	60	6	139	55	7	6	4	7	-	0	0	7	11	51	51	49	-	1	WEATHER EXPLORER.	590	188	8	13	14	08	02	2	113	55	6	5	5	7	-	0	0	7	15	51	50	49	-	2						
WEATHER OBSERVER	525	200	8	19	16	97	61	6	142	58	6	7	2	-	0	0	7	25	51	58	23	3	3	WEATHER OBSERVER	526	199	8	24	27	96	61	6	071	59	8	6	1	-	-	0	0	7	34	80	58	23	3	5							
HERMOZ	449	159	8	20	15	60	02	2	270	66	8	5	4	-	0	0	7	03	50	61	33	4	2	HERMOZ.	448	158	8	30	14	60	02	2	251	64	8	5	4	-	-	0	0	7	12	51	59	33	4	3							
POLAR FRONT	659	018E	8	04	26	96	60	6	129	50	6	7	4	2	-	0	0	7	19	51	48	04	3	5	POLAR FRONT	651	018E	8	03	21	97	61	6	085	50	6	7	2	2	-	0	0	7	25	51	48	03	4	6						
CIRRUS	621	332	9	07	10	08	47	5	113	52	9	-	2	-	-	3	1	3	08	01	50	09	3	2	CIRRUS.	620	329	8	05	15	50	02	2	134	52	8	6	2	-	-	2	1	2	14	01	50	09	3	2						
U.S. SHIP "C"	528	355	8	26	19	62	02	2	174	52	8	5	4	-	-	0	0	2	15	00	50	34	2	3	U.S. SHIP "C."	528	355	8	34	17	63	02	2	269	53	8	5	4	-	-	0	0	2	15	00	47	34	2	4						
U.S. SHIP "D"	440	410	9	20	16	01	62	6	236	71	9	-	0	-	-	0	0	3	03	01	71	21	3	4	U.S. SHIP "D."	440	410	8	23	24	62	45	8	246	73	8	5	5	-	-	0	0	2	05	01	70	22	2	3						
US SHIP "B"	565	510	8	09	06	65	02	2	236	48	8	5	6	-	-	0	0	9	08	02	44	05	2	2	BEAVERFORD.	505	134	8	25	10	98	51	8	173	60	8	5	6	-	-	2	5	7	12	52	54	23	3	1						
CAXTON	664	215	8	17	06	97	62	3	113	56	8	3	4	0	0	6	7	35	50	55	17	2	1	DONEGAL.	445	090	7	32	10	96	02	8	219	67	8	8	3	-	-	8	5	7	12	80	60	34	4	3							
U.S. SHIP "M"	350	480	2	20	69	02	0	272	73	2	1	5	0	1	0	0	2	07	01	67	49	-	2	CAXTON.	568	234	8	29	13	98	02	5	071	55	8	8	5	-	-	6	4	6	12	52	53	29	3	2							

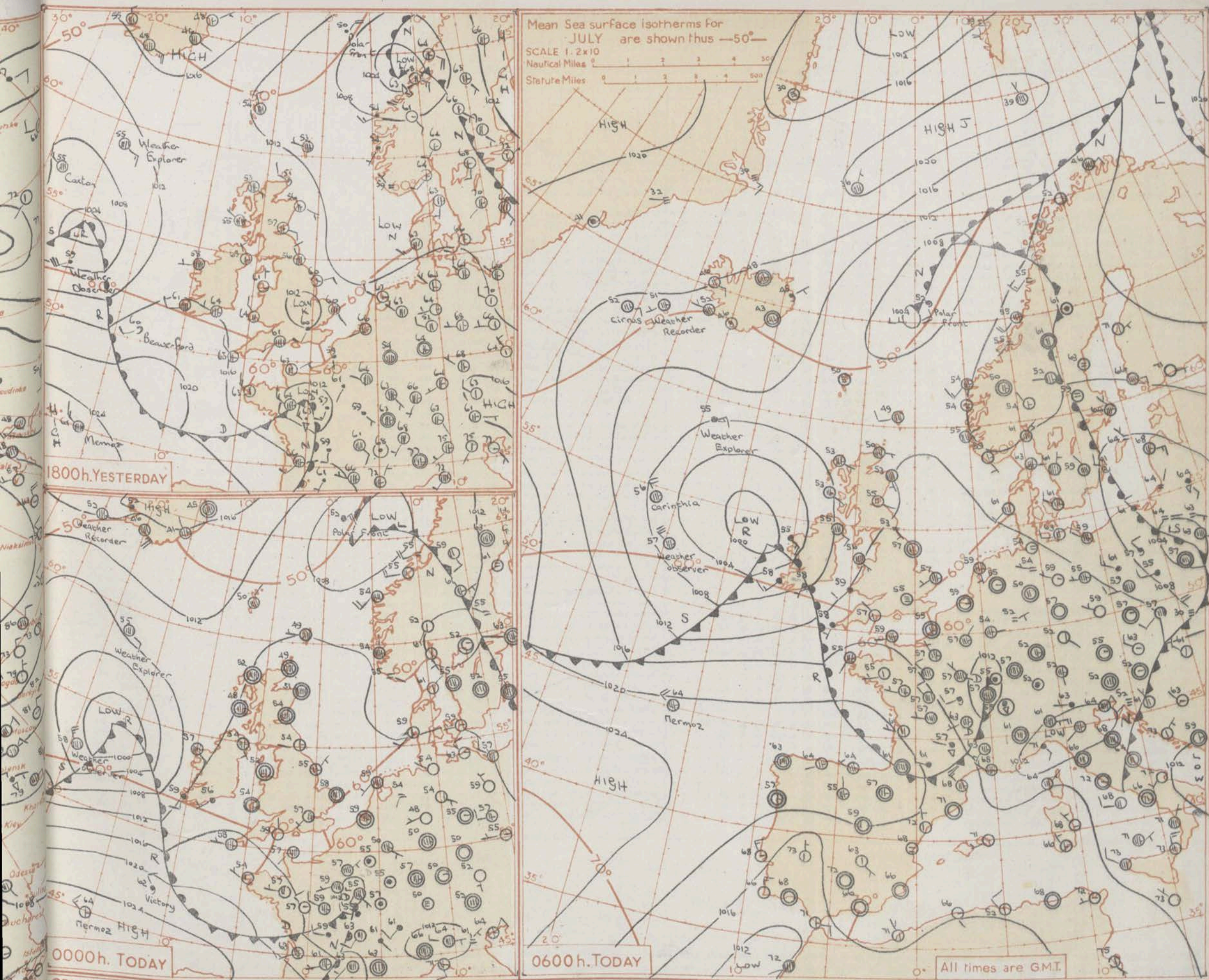
All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPSIS DEVELOPMENT

The depression which was affecting the British Isles yesterday has now moved southeast into the Continent. The depression which was over mid-Atlantic yesterday has moved east towards the British Isles and is expected to cross Ireland and to be centred near northwest England and North Wales tomorrow morning. The warm sector of this depression is already crossing Ireland and the southwest approaches, but will occlude fairly quickly during the next 24 hours.

Issued at midnight today Wednesday 17th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Bright periods in eastern England and Scotland at first: otherwise the weather is expected to be generally cloudy with further rain and drizzle. Somewhat brighter though showery weather will probably affect Northern Ireland, Wales and southern districts of England tomorrow morning.

OUTLOOK FOR the following 24 hours:-

Further rain or showers affecting most parts of the British Isles.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 17th July 1957																									OBSERVATIONS at 06h. G.M.T. 17th July 1957																									OBSERVATIONS during NIGHT						
Code FM 11.A		Station	Station Number	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar. Change in 3 hours	Cloud Layers				Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar. Change in 3 hours	Cloud Layers				Weather	Temp. 21h to 09h		Run 21h to 09h in m																
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height			Medium	High	Amount	Form		Height	Amount	Form	Height			Amount	Form	Height	Direction			Speed	Visibility	Present	Past		Amount	Low		Height	Medium	High	Amount	Form	Height	Amount	Form	Height	Min. °F	Min. °F on grass					
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)
Kew		775	*	*	*	*	*	58	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	21	07	72	45	5	139	57	8	6	2	-	-	-	56	3	01	2	7	03	-	-	56	48	TR						
London Airport		772	5	22	05	90	03	6	136	57	5	6	4	0	0	57	2	06	9	7	11	*	*	*	*	9	00	00	02	45	4	137	55	9	1	-	-	55	3	02	9	1	01	-	-	54	50	TR								
Tangmere		874	6	27	02	58	02	6	137	59	6	9	6	-	0	57	2	00	1	6	20	6	6	41	*	8	08	03	37	02	4	139	57	0	6	3	-	-	57	2	05	4	7	08	8	6	23	-	-	57	48	TR				
Hurn		862	6	00	00	03	42	8	139	58	0	0	0	0	0	50	2	01	*	*	*	*	*	*	*	1	00	00	39	11	2	140	49	0	0	9	0	1	49	3	01	1	0	70	-	-	56	46	TR							
Guernsey		894	2	32	06	78	03	6	154	56	0	0	9	2	1	56	1	04	1	3	58	2	0	75	*	5	24	02	03	03	0	154	56	0	0	9	5	1	54	1	01	5	3	60	-	-	53	48	TR							
Felixstowe		697	8	00	00	31	02	6	133	59	0	0	0	0	1	57	7	02	0	6	6	8	*	*	*	5	29	03	23	03	2	131	59	4	6	3	0	1	57	2	00	2	1	08	57	53	01	-	-	56	53	01				
Gorleston		497	8	00	00	08	02	9	135	58	0	0	4	1	1	56	6	02	8	6	6	26	*	*	*	7	25	03	40	03	2	132	57	7	0	0	1	56	7	02	7	3	07	-	-	56	56	01								
Mildenhall		558	7	00	00	20	10	6	132	56	7	5	4	1	1	56	0	00	7	6	17	*	*	*	8	21	01	19	00	4	132	56	8	6	2	-	-	56	2	02	8	7	04	-	-	54	54	01								
Cardington		559	8	23	03	10	10	6	132	53	6	2	1	1	1	52	4	02	8	7	03	*	*	*	8	00	00	11	10	4	134	54	8	6	1	-	-	54	4	02	8	7	03	-	-	54	47	TR								
West Raynham		485	2	00	00	04	46	6	124	53	2	5	7	0	0	52	8	01	2	6	50	*	*	*	7	04	03	17	28	4	128	55	7	5	3	-	-	55	2	02	1	7	05	7	6	20	-	-	51	48	TR					
Wittering		462	9	00	00	00	47	4	133	53	9	-	0	1	1	53	0	01	9	-	08	*	*	*	7	28	03	20	10	4	129	56	3	6	4	-	-	54	6	01	3	7	10	7	6	13	-	-	52	49	TR					
Boscombe Down		746	2	00	00	19	10	0	141	53	0	0	9	0	2	53	2	03	2	0	75	*	*	*	3	00	00	11	20	4	142	50	0	0	9	0	2	50	3	02	8	0	73	-	-	50	43	TR								
Ross-on-Wye		637	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6	00	00	13	10	0	131	50	0	0	9	4	6	49	7	05	6	0	74	-	-	49	46	TR								
Bristol		628	1	09	02	58	01	8	140	56	1	0	9	3	1	53	2	03	1	3	60	*	*	*	5	09	02	28	10	1	135	52	1	5	7	0	8	51	7	04	1	6	50	5	2	75	-	-	52	43	TR					
Aberporth		502	4	26	06	42	03	6	149	53	1	0	4	4	2	45	7	09	1	3	60	4	0	72	*	8	17	11	06	60	1	120	59	2	5	6	2	-	-	52	7	09	2	6	30	8	4	58	52	43	04					
Pembroke Dock		604	2	00	00	06	02	6	145	52	0	0	9	0	1	52	7	09	1	0	72	*	*	*	8	13	08	58	60	6	122	59	2	6	4	7	-	-	50	7	10	2	7	10	8	4	61	52	49	3						
Plymouth		827	4	33	06	46	02	6	154	56	0	0	4	0	0	51	0	04	4	2	75	*	*	*	8	00	00	19	40	1	143	55	2	7	4	7	-	-	53	7	07	2	7	10	8	4	60	51	41	1						
Chivenor		707	4	00	00	01	03	1	152	53	2	0	9	1	1	53	8	02	3	2	99	4	2	75	8	10	08	61	03	2	139	54	2	6	2	7	-	-	52	7	06	2	7	06	5	4	60	51	46	04						
St Mawgan		817	6	27	06	20	03	1	162	58	3	6	3	1	1	54	0	02	3	7	07	6	7	10	8	23	07	40	60	6	140	56	6	6	2	-	-	56	6	15	6	7	03	7	6	30	55	54	5							
Childrose		809	6	31	04	72	03	1	165	56	2	5	7	3	0	55	0	09	2	6	50	6	3	62	8	20	07	48	61	6	128	58	8	6	4	-	-	56	7	18	8	7	10	-	-	56	58	53								
Scilly		804	7	27	04	82	03	1	163	58	7	5	5	-	1	55	8	03	7	6	24	*	*	*	9	00	00	01	47	4	134	43	4	-	0	-	44	4	00	9	-	01	-	-	47	61	39	1								
Elmdon		534	1	28	03	46	10	1	137	51	0	0	9	0	1	49	1	04	1	0	75	*	*	*	6	00	00	00	02	7	132	47	0	0	9	0	8	07	6	05	6	2	75	-	-	48	42	33	1							
Shawbury		414	6	00	00	59	11	1	139	47	1	5	7	0	0	47	8	02	1	6	56	6	0	75	6	00	00	09	46	1	127	54	8	6	2	-	-	52	5	05	8	7	03	-	-	49	42	TR								
Manchester		334	1	00	00	40	04	1	126	51	1	5	6	0	0	49	8	01	1	6	40	*	*	*	8	13	06	62	02	1	119	54	1	5	3	3	1	52	7	02	1	6	25	4	0	75	-	-	47	42	TR					
Squires Gate		318	6	00	00	03	03	2	146	52	1	5	6	4	4	51	2	03	1	6	40	6	0	76	7	13	06	61	02	2	107	56	1	5	6	7	7	51	7	20	1	6	35	6	4	60	49	48	TR							
Valley		302	7	29	09	03	01	1	152	52	1	0	4	3	2	49	8	04	1	3	62	7	0	73	6	09	05	64	02	2	108	56	2	5	6	3	-	-	52	7	16	2	6	35	7	3	58	49	48	TR						
Ronaldsway		204	6	00	00	08	01	1	128	51	0	0	9	0	0	50	6	03	*	*	*	*	*	*	6	09	02	61	01	1	114	49	2	8	5	3	1	48	5	06	1	8	20	4	3	64	47	41	TR							
Silloth		214	6	00	00	11	10	9	132	51	5	6	3	-	-	44	2	02	5	7	03	*	*	*	9	04	00	04	42	4	133	53	9	-	0	-	-	52	3	01	9	-	03	-	-	50	42	TR								
Watnall		354	6	00	00	11	10	9	132	51	5	6	3	-	-	44	2	02	5	7	03	*	*	*	9	04	00	04	42	4	133	53	9	-	0	-	-	52	3	01	9	-	03	-	-	50	42	TR								
Spurn Head		396	5	03	06	63	03	1	133	55	5	5	5	-	1	53	5	02	5	6	25	*	*	*	4	00	00	03	01	1	132	57	2	5	5	4	-	-	53	4	00	2	6	25	2	3	58	55	51	04						
Lindholme		362	7	00	00	23	03	9	139	54	7	5	7	-	1	53	7	02	1	6	56	6	6	40	8	31	02	08	46	2	134	55	8	6	4	-	-	54	7	03	8	7	12	-	-	53	53	51	TR							
Dishforth		261	7	00	00	48	10	2	133	55	7	8	4	-	1	54	6	05	2	8	16	6	6	40	9	00	00	19	10	4	127	55	7	6	2	-	-	53	6	04	7	7	03	-	-	53	53	51	TR							
Tynemouth		262	3	27	01	58	01	1	136	54	3	5	6	0	1	52	8	03	3	6	40	*	*	*	9	14	03	16	10	1	124	53	5	0	9	7	-	-	53	6	07	5	3	30	52	44	TR									
Eskdalemuir		162	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7	00	00	00	02	1	113	51	6	0	5	6	3	-	-	51	7	11	6	6	30	45	42	TR								
West Freugh		130	7	10	03	62	02	1	102	52	3	5	5	-	1	50	7	15	3	6	25	7	6	40	7	00	00	02	04	1	104	51	7	0	4	-	-	50	7	16	1	7	12	7	6	40	47	43	TR							
Prestwick		135	1	14	02	66	02	0	124	52	1	5	5	0	0	49	6	07	1	6	25	3	3	60	7	00	00	06	04	1	104	51	7	0	4	-	-	50	7	16	1	7														

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue Thursday...18th July.....1957

OBSERVATIONS at 12h. G.M.T. 17th July 1967

OBSERVATIONS at 18h. G.M.T. 17th July 1957

OBSERVATIONS during DAY

12h. Ships Reports

18h. Ships Reports

Code F.M. 21 A		12h. Ships Reports																				18h. Ships Reports																											
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves		Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves											
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High			Direction	Speed					Character & Change in 3 hours	Sea	Direction	Period			Height	Direction	Speed	Character & Change in 3 hours	Sea	Direction			Period	Height										
				N	dd	ff	VV			ww	W	PPP	TT	Nh	CL			h	CM					CH	Ds	vs	a			pp	Ts	Td	Td	dw	Pw			Hw	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h
WEATHER OBSERVER	326	200	6	25	30	98	01	2	071	58	6	8	5	0	0	6	1	2	11	51	55	29	3	9	WEATHER EXPLORER	589	192	5	07	09	49	03	8	120	55	2	2	5	3	2	0	0	2	06	52	52	44	x	2
WEATHER EXPLORER	590	191	7	04	0	98	03	2	107	55	3	8	5	1	9	0	0	2	11	51	52	49	-	2	WEATHER OBSERVER	524	200	8	30	27	48	03	8	098	58	5	6	4	-	0	0	2	17	51	54	29	3	9	
WEATHER RECORDER	628	291	7	22	01	91	02	2	166	54	7	5	6	-	0	5	4	7	03	51	51	12	4	2	MEEMOZ	452	157	8	29	15	60	03	6	178	66	4	2	4	-	0	0	4	00	01	63	27	5	2	
POLAR FRONT	660	0152	7	16	26	97	30	5	059	53	7	9	4	-	-	0	0	2	07	50	46	16	4	6	POLAR FRONT	663	0158	8	17	24	98	80	2	075	52	8	8	4	-	0	0	2	08	00	48	17	4	7	
MEEMOZ	452	160	7	26	24	96	81	8	134	64	6	9	4	-	-	0	0	7	08	50	63	26	5	4	WEATHER RECORDER	626	306	7	23	02	88	03	2	170	55	6	8	5	3	-	5	3	4	00	03	51	09	x	1
CIRRUS	628	295	7	19	02	80	02	2	161	54	6	8	5	4	0	1	5	1	02	00	48	05	3	1	CIRRUS	626	275	7	00	00	80	03	2	164	54	7	8	5	0	0	2	4	1	02	52	45	09	4	1
U.S. SHIP B	565	519	8	09	20	65	02	2	190	47	8	6	4	-	-	0	0	6	12	01	40	39	3	3	U.S. SHIP C	528	355	8	14	22	65	60	2	178	52	5	5	5	2	-	0	0	7	20	45	34	0	4	
U.S. SHIP C	528	355	8	23	02	69	51	2	215	52	5	5	5	2	-	0	0	5	05	00	44	24	5	1	U.S. SHIP D	440	410	6	21	18	64	03	1	241	72	5	1	4	0	1	0	4	00	02	69	21	2	4	
U.S. SHIP D	440	410	2	21	11	69	01	0	241	72	0	0	9	0	1	0	0	2	05	01	69	20	2	1	KEYSTONE STATE	447	231	8	32	01	47	57	5	227	65	8	5	0	-	6	6	2	10	51	62	28	3	3	
KEYSTONE STATE	449	237	8	27	25	97	53	5	200	65	8	-	0	-	-	6	6	0	00	01	62	25	7	2	CROOTE BEER	527	204	8	31	20	48	03	2	118	63	8	3	4	-	-	2	6	7	15	04	27	20	3	3

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

[†] Information not usually received.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

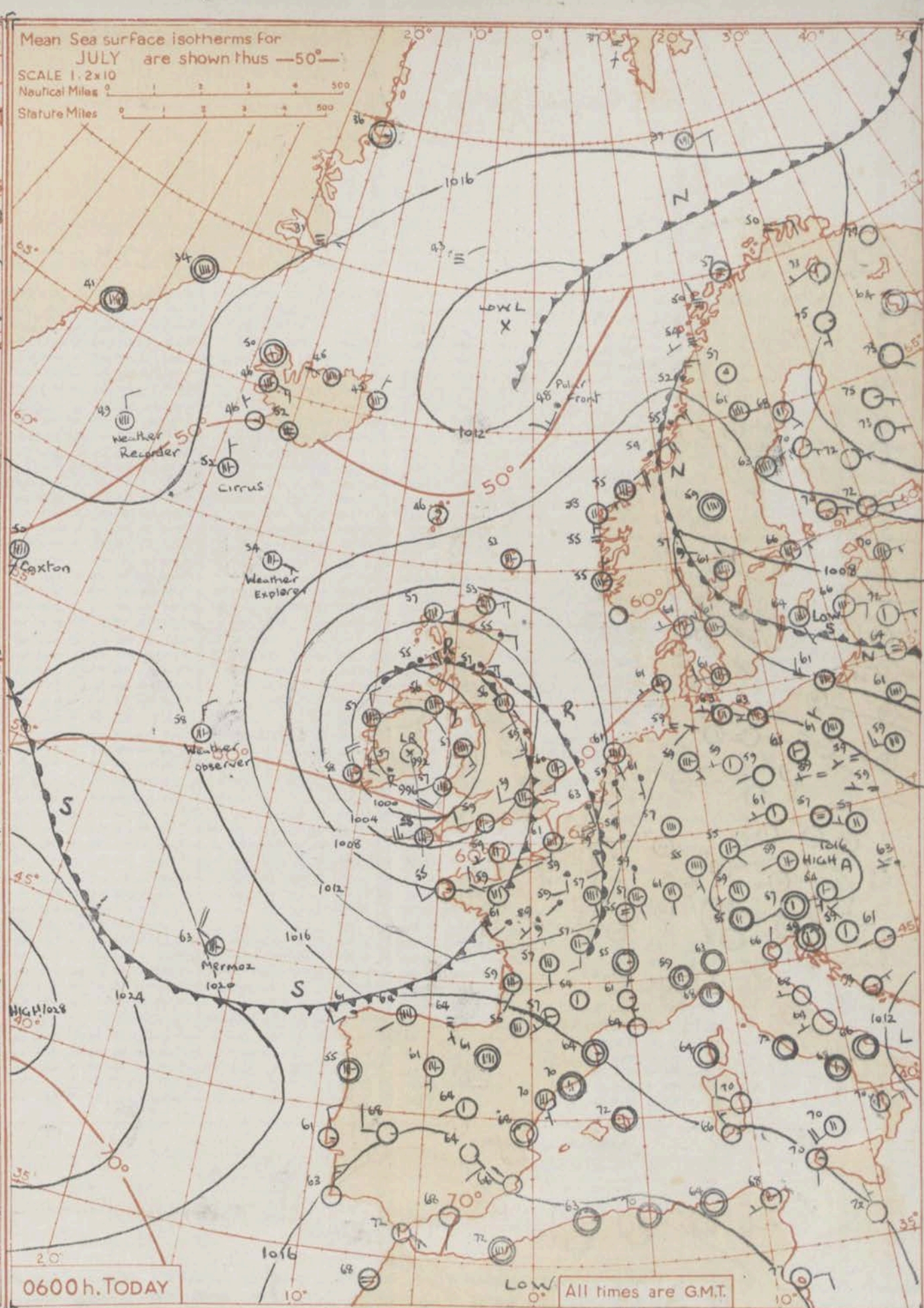
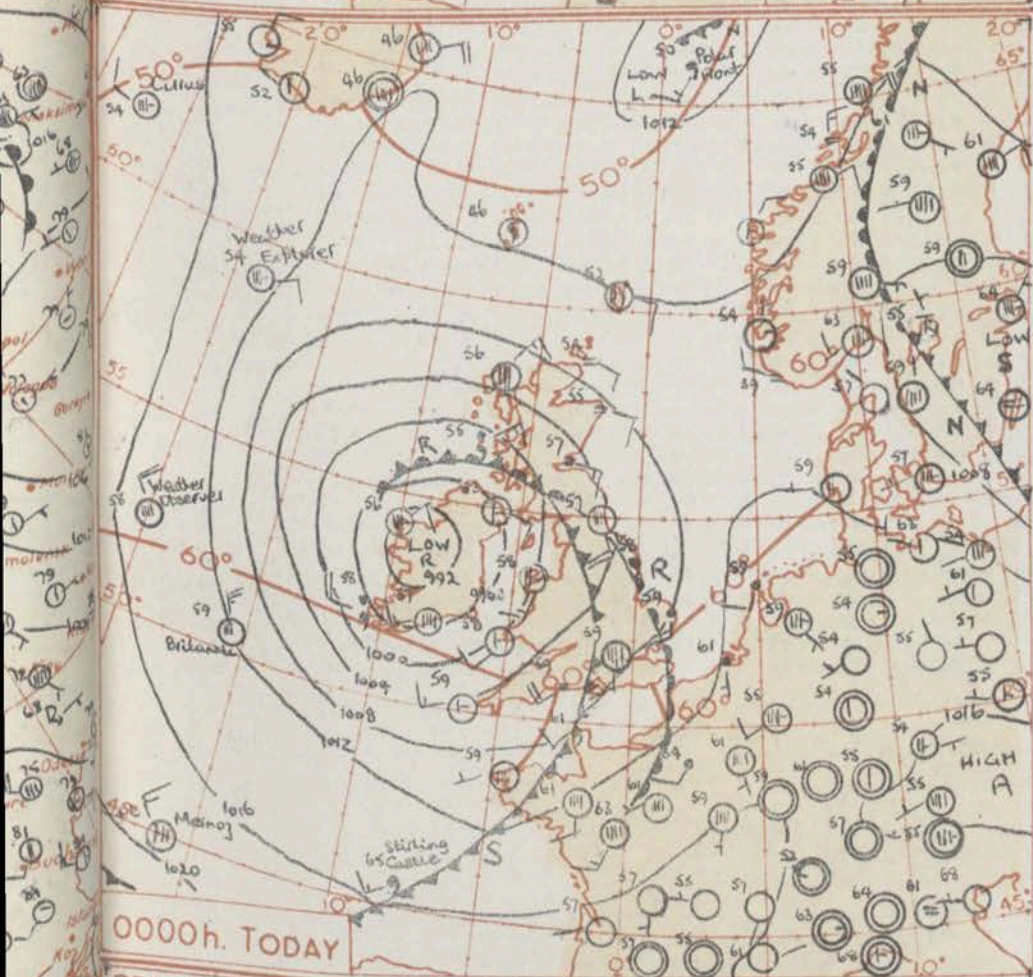
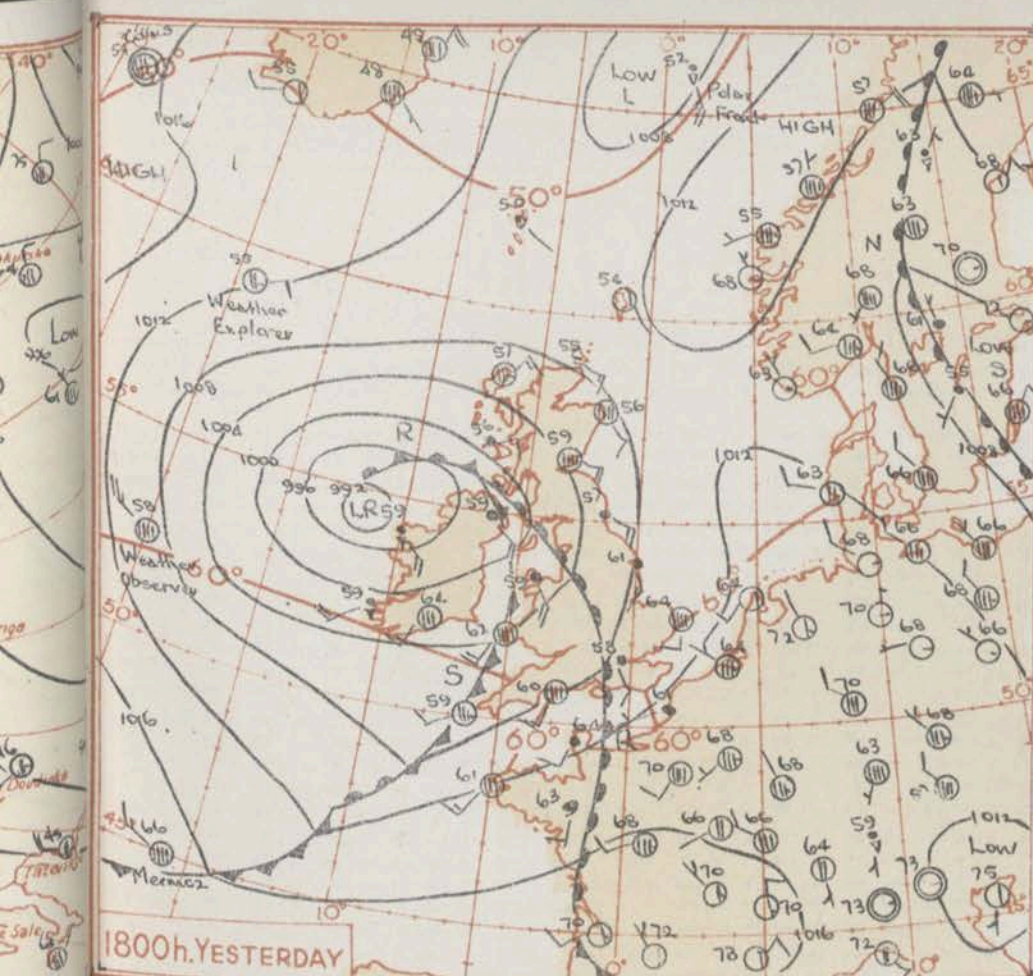
This is a detailed weather map of the Northern Hemisphere, showing pressure systems, fronts, and isobars for mid-day on Wednesday, July 17, 1957. The map is centered on the North Pole and uses an equidistant azimuthal projection. Major cities and geographical features are labeled, including North America, Europe, Asia, and Africa. The map shows a high-pressure system over the North Atlantic and a low-pressure system over the North Pacific. A scale bar at the bottom indicates distances in nautical miles.

Mid-day (12h)
of
Wednesday 17th July
1957

Equidistant azimuthal projection 1:3x10⁷ on the plane of 60°N.
NAUTICAL MILES.

NAUTICAL MILES.

NAUTICAL MILES.



GENERAL SYNOPSIS DEVELOPMENT

The deepening depression off the west coast of Ireland yesterday has moved very slowly southeast and is expected to turn east with some filling into England.
A small disturbance has moved east-northeast into the central Atlantic and this will probably turn southeast as a weak feature approaching Ireland tomorrow.

Issued at midday today Thursday 18th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Occasional showers with bright or sunny intervals in most districts. More persistent cloud in a broad belt near the depression as it moves eastwards into England with prolonged thundery showers. Extensive cloud also in northeast districts. Generally rather cool.

OUTLOOK FOR following 24 hours:-

Sunny intervals and showers; perhaps more general cloud and occasional rain later. Rather cool.

11

CoCode

* Information not usually received

[illegible]

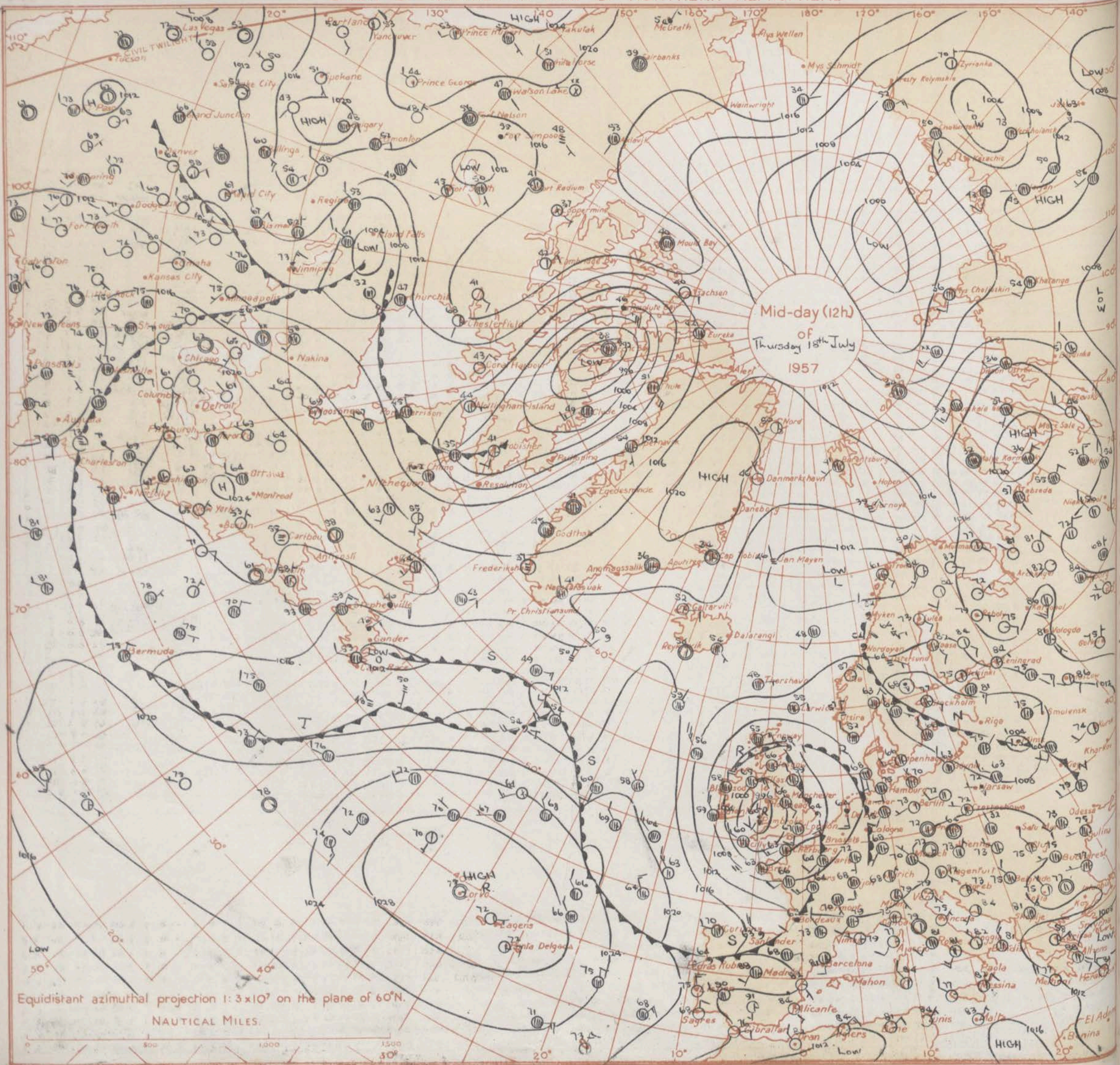
Code F.M.21.A		12h. Ships Reports																				18h. Ships Reports																												
Ship	LAT.	LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud			Course		Bar	Temp.	Waves			Ship	LAT.	LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud			Course		Bar	Temp.	Waves							
			N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs			a	pp	TsTs				TdTd	dwdw	Pw	Hw	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h			CM	CH	Ds	Vs	a	pp	TsTs	TdTd
WEATHER EXPLORER	588	193	7	02	01	98	15	2	100	89	6	2	5	3	-	0	0	0	03	01	48	10	3	1	WEATHER EXPLORER	588	194	7	09	03	98	02	8	161	86	5	8	5	3	-	0	0	0	06	54	49	49	x	1	
WEATHER OBSERVER	523	198	7	32	06	08	02	8	180	58	7	8	5	7	-	0	0	2	09	51	54	32	3	5	WEATHER OBSERVER	523	198	8	28	11	98	60	8	175	58	5	8	3	7	-	0	0	0	7	08	52	25	30	3	8
MERMOZ	450	160	7	32	16	65	02	2	218	64	8	8	5	1	-	0	0	2	11	00	54	31	4	3	MERMOZ	450	159	7	32	16	65	02	2	213	64	8	8	5	1	-	0	0	0	4	00	00	61	32	4	3
POLAR FRONT	661	024E	8	22	10	98	02	6	140	48	8	7	4	1	-	0	0	2	03	52	46	21	3	2	POLAR FRONT	663	028E	8	22	09	99	02	2	144	50	8	8	4	1	-	0	0	0	4	00	52	45	49	3	2
WEATHER RECORDER	619	326	8	22	09	98	58	3	150	50	7	6	4	2	-	0	0	7	09	52	49	49	x	2	WEATHER RECORDER	619	328	8	21	13	98	02	5	143	52	4	6	4	1	-	0	0	7	08	50	50	49	3	2	
LAKONIA	519	248	8	18	09	99	02	2	179	60	8	4	5	-	-	2	4	6	10	03	53	30	4	3	LAKONIA	518	388	8	24	11	63	02	2	171	55	8	6	3	-	-	0	0	2	12	03	63	24	2	4	
U.S. SHIP "B"	568	510	8	05	12	69	02	2	195	43	8	6	4	1	-	0	0	2	14	53	41	05	3	4	U.S. SHIP "C"	440	410	2	21	16	69	01	1	249	74	1	1	5	0	2	0	0	7	03	02	69	22	1	3	
U.S. SHIP "C"	518	385	9	25	20	01	51	6	150	54	9	-	0	1	-	0	0	3	08	02	54	49	x	4	U.S. SHIP "D"	615	206	7	32	02	80	03	1	143	54	7	8	5	0	0	2	3	6	01	51	46	30	3	3	
U.S. SHIP "D"	440	410	6	21	12	69	03	1	251	72	6	5	5	0	0	0	0	3	19	00	68	22	2	2	U.S. SHIP "E"	514	231	8	18	12	95	51	2	167	58	8	6	3	-	-	2	4	8	10	01	56	20	4	2	
U.S. SHIP "E"	350	480	1	23	07	78	02	0	215	78	1	1	5	0	0	0	0	2	07	01	66	11	4	1	ASHBURTON	430	094	6	35	04	98	02	2	186	63	1	1	4	7	2	8	4	1	08	03	60	25	0	0	

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

* Information not usually received.

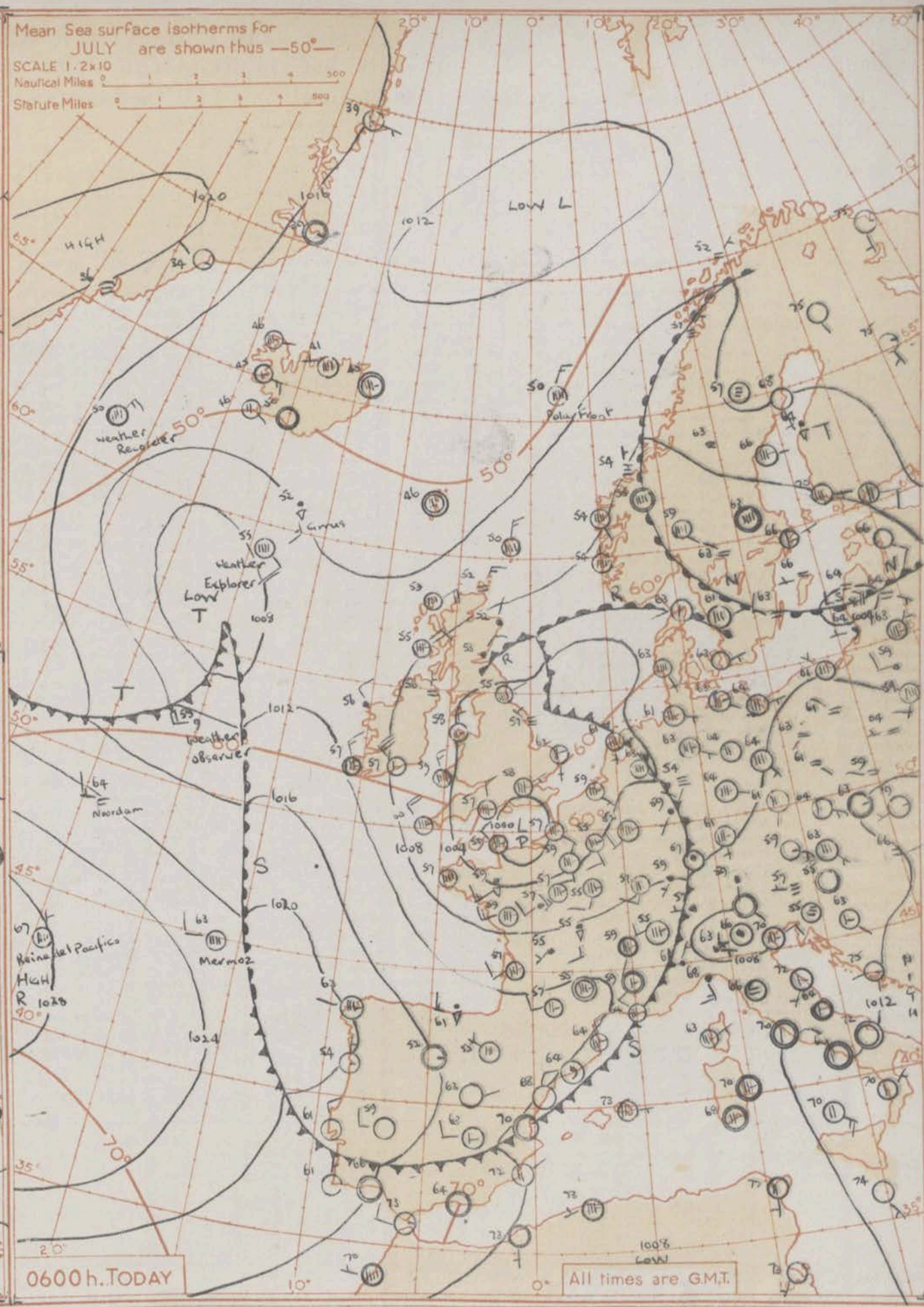
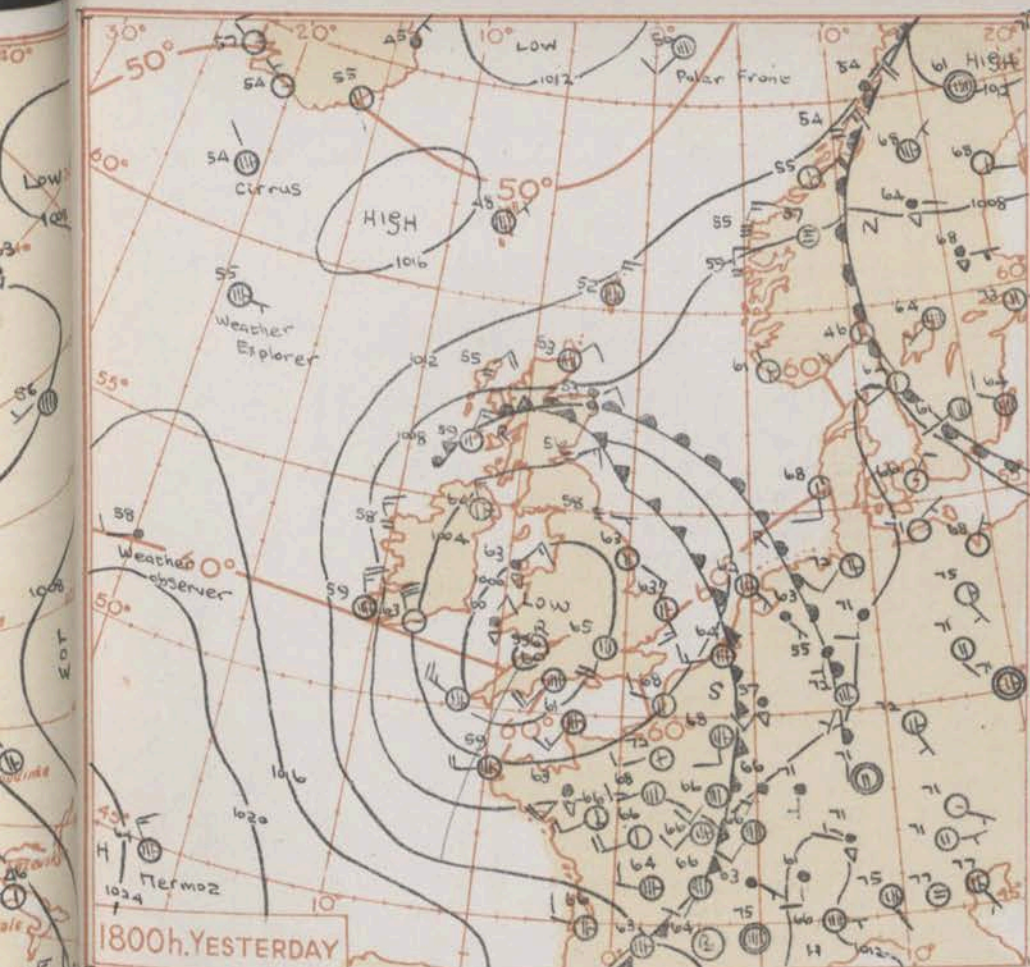
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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

NAUTICAL MILES.



GENERAL SYNOPSIS DEVELOPMENT

A deep depression has moved from Ireland to the English Channel and this system will now move into the continent with troughing into the North Sea. Another disturbance in the Atlantic is deepening a little and is expected to turn southeast into the British Isles tomorrow.

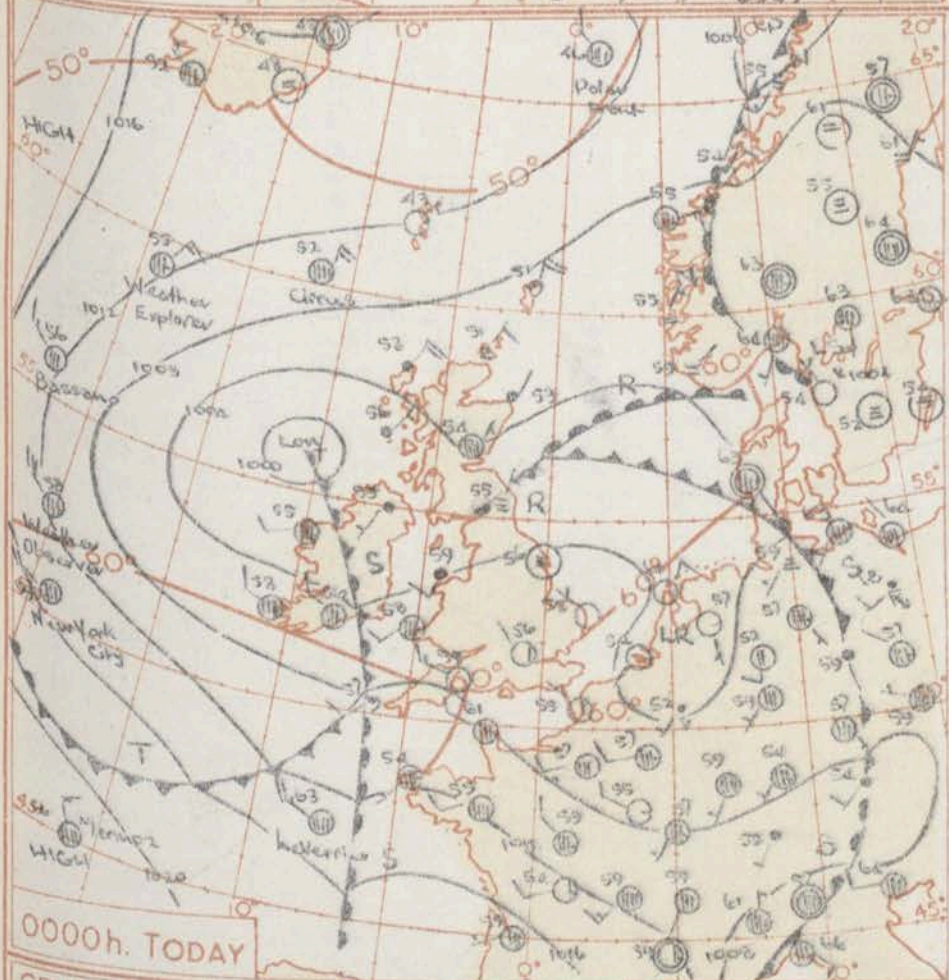
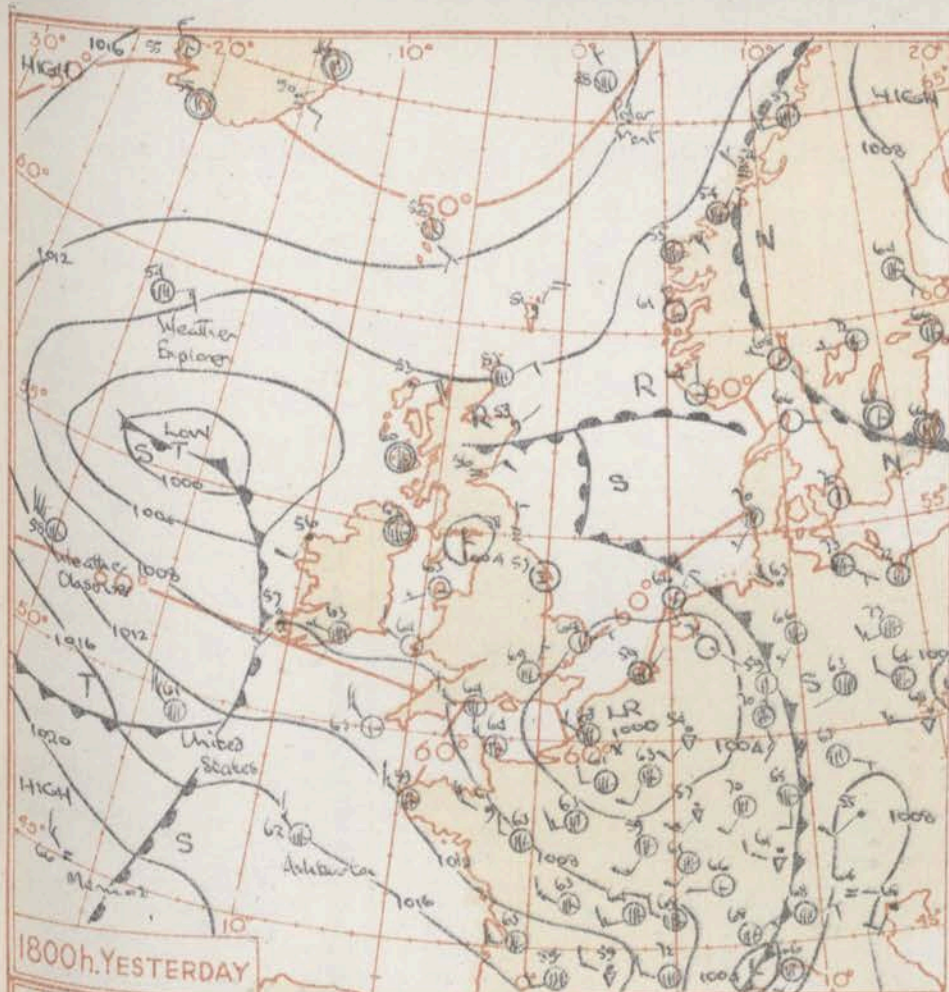
THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 19th July 1957																									OBSERVATIONS at 06h. G.M.T. 19th July 1957																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Code FM 11.A		Station	Station Number	Wind		Weather		Cloud					Dew Point Temp	Bar.		Cloud Layers					Total Cloud	Wind		Weather		Cloud					Dew Point Temp	Bar.		Cloud Layers					Weather	Temp.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Amount	Low	Height		Medium	High	Character c	Change in 3 hours	Amount	Form	Height		Amount	Form	Height	Amount	Form	Height	Direction	Speed	Visibility		Present	Past	Bar at M.S.L.	Dry Bulb Temp	Amount	Low	Height		Medium	High	Character c	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	24h to 03h.	03h to 09h.	Min.	Max.	Rain 24h to 09h. in mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)		(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Equidistant azimuthal projection 1:3x10⁷ on the plane of 60°N
NAUTICAL MILES.



GENERAL SYNOPSIS DEVELOPMENT

A depression over the English Channel moved slowly eastward and filled over the Low Countries. A depression in the Atlantic deepened and moved into Ireland and is becoming complex but the main centre will probably move into southeast England later. A trough in the North Sea will probably persist with some extension northwards.

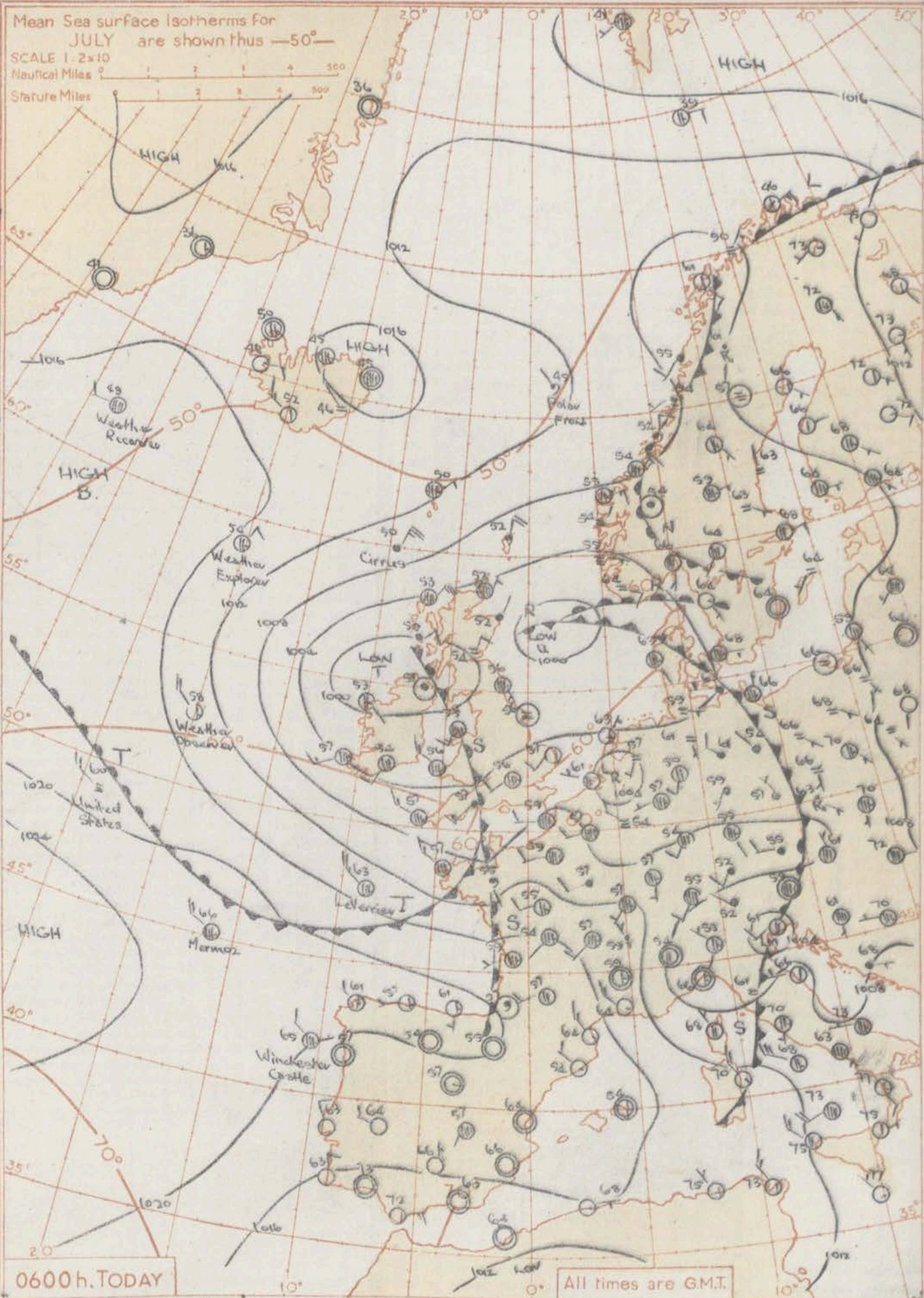
Issued at midday today Saturday 20th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Most places will be rather cool and cloudy with rain at times. Water and the southern half of England will be rather showery but with bright periods. Scattered thunderstorms are likely over England and Wales and in south and east Scotland.

OUTLOOK FOR the following 24 hours

Probably rather cool and rather cloudy with rain or showers in most districts.



All times are G.M.T.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Sunday 21st July 1957

Code F.M.11.A		OBSERVATIONS at 12h. G.M.T. 20th July 1957																									OBSERVATIONS at 18h. G.M.T. 20th July 1957																									OBSERVATIONS during DAY					
Station	Station Number	Total Cloud	Wind	Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud					Bar	Cloud Layers					Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Total Cloud	Wind	Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud					Bar	Cloud Layers					Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Weather	Max. Temp. 09h. to 21h. °F	Sunshine	Rain 09h. to 21h. mm.	State of ground 21h.	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)
Kew London Airport	775	7	16	10	62	6	019	57	6	7	4	2	-	55	8	6	7	10	8	4	99	7	23	17	32	02	8	007	62	3	8	4	2	1	51	4	00	1	8	12	5	4	99	RRPR	ir	66	2.4	3	5								
	772	8	16	09	66	6	019	57	6	7	3	-	-	55	8	6	7	10	8	4	99	7	23	13	82	01	6	006	63	2	5	6	3	54	4	00	1	8	20	3	3	58	7	0	70	is,rrpr	is	68	2.2	4	1						
Tangmere Hurn	874	7	24	7	80	8	021	61	7	2	5	-	-	56	6	2	7	8	20	3	6	7	22	10	63	03	8	016	60	6	2	4	7	-	53	4	10	6	8	18	5	3	59	40	propr	RR	66	1.8	4	1							
	862	6	25	16	86	25	030	62	6	8	5	-	-	56	6	2	7	8	20	3	6	7	22	10	63	03	8	016	60	6	2	4	7	-	53	4	10	6	8	18	5	3	59	40	propr	RR	66	1.8	4	1							
Guernsey	894	6	24	7	80	25	014	60	7	2	5	-	-	55	6	2	7	8	20	3	6	7	22	10	63	03	8	016	60	6	2	4	7	-	53	4	10	6	8	18	5	3	59	40	propr	RR	66	1.8	4	1							
Elitestowe	697	7	22	11	61	25	035	63	6	2	5	-	-	54	7	04	7	8	25	5	6	50	7	24	10	63	03	8	014	65	5	8	5	7	2	54	6	12	4	7	04	6	8	08	60	pro	is	62	3.8	2	1						
Gorleston	497	7	23	10	56	2	026	65	2	2	5	-	-	56	7	12	2	8	22	3	58	8	16	14	60	26	8	014	61	8	3	5	-	58	7	08	8	9	25	4	6	40	6	3	60	pro	is	65	5.0	9	2						
Mildenhall	578	7	24	15	60	02	018	65	3	2	5	-	-	54	7	09	4	7	15	8	50	8	15	04	63	01	8	002	57	6	2	5	-	53	6	08	6	8	20	8	20	60	pro	is	65	3.1	0.6	1									
Cardington	559	8	19	11	66	60	020	59	4	7	4	-	-	54	7	09	4	7	15	8	50	8	15	04	63	01	8	001	64	4	9	6	3	52	8	02	4	9	30	60	pro	is	65	3.0	3	2											
West Raynham	485	7	20	10	61	01	014	61	3	5	4	2	55	7	08	3	6	15	7	8	70	7	21	05	66	25	8	001	59	7	3	4	-	55	7	05	1	7	10	3	9	18	7	6	45	pro	is	66	2.5	TR	1						
Wittering	462	7	21	12	61	03	014	59	3	5	4	-	-	56	6	06	2	8	20	8	4	58	8	17	07	66	17	8	997	62	2	3	5	6	3	55	6	04	2	9	20	3	6	60	5	0	70	pro	is	66	3.0	3	1				
Boscombe Down	746	7	29	14	81	03	019	63	6	8	5	-	-	51	7	10	3	8	20	6	6	15	8	26	05	63	62	8	014	56	3	2	4	2	-	56	7	04	3	8	18	8	5	40	0	70	pro	is	64	3.0	3	1					
Ross-on-Wye	627	7	25	12	81	03	003	64	6	8	5	-	-	48	7	10	3	8	20	6	6	15	8	26	05	60	63	6	998	65	8	0	5	2	-	53	4	00	8	5	10	8	5	40	0	70	pro	is	66	1.8	11	1					
Bristol	628	7	25	16	74	03	024	61	7	8	5	-	-	50	8	01	4	8	22	4	6	45	8	15	09	58	62	8	008	57	3	5	5	2	-	53	7	08	1	7	10	3	6	20	8	5	56	pro	is	67	4.0	5	1				
Aberporth	502	7	19	10	80	25	003	58	5	5	4	7	-	51	7	11	5	6	14	6	4	59	7	34	14	80	02	6	005	56	4	6	4	7	-	51	3	08	4	7	10	6	3	60	pro	is	64	4.4	8	1							
Pembroke Dock	604	7	23	20	80	15	016	60	7	8	4	-	-	52	7	11	5	6	14	6	4	59	4	33	16	80	01	8	011	60	2	8	4	6	3	53	3	08	2	8	16	2	3	58	pro	is	62	7.7	3	1							
Plymouth	827	7	29	12	74	25	045	58	7	2	5	-	-	52	7	07	7	8	20	6	6	15	7	29	17	66	25	8	011	61	7	8	4	-	55	6	14	1	7	15	4	6	8	18	pro	is	61	5.7	2	1							
Chivenor	707	7	27	15	74	03	031	62	3	2	5	1	2	55	8	06	3	8	20	6	6	15	7	33	13	66	25	8	004	59	6	8	4	3	3	57	6	05	4	8	14	4	6	8	30	pro	is	65	5.9	9	1						
St. Mawgan	817	6	26	22	74	01	021	62	6	8	4	-	-	53	8	12	2	8	18	6	6	56	6	30	23	74	01	8	023	60	6	2	4	0	0	55	3	05	6	8	15	4	6	30	pro	is	62	7.0	3	1							
Culdrose	809	7	26	18	69	02	055	60	7	8	5	-	-	51	8	08	5	7	08	4	8	52	6	31	25	60	25	8	028	61	6	2	4	-	55	4	00	6	8	15	4	6	30	pro	is	61	7.8	1	1								
Scilly	804	8	28	23	60	02	050	60	5	8	4	-	-	58	7	12	5	8	18	6	4	52	6	30	24	61	02	8	025	60	2	5	4	0	4	59	5	02	3	6	17	4	6	30	pro	is	63	7.5	1	1							
Elmdon	534	7	19	10	59	20	003	57	3	6	3	-	-	54	7	11	3	7	09	7	6	18	7	19	07	58	95	8	991	63	5	9	5	6	3	51	7	03	4	9	22	4	6	30	pro	is	66	4.1	0.4	1							
Shawbury	414	7	26	08	58	20	006	57	7	8	4	-	-	54	6	10	3	8	14	7	6	50	7	36	07	74	25	9	998	65	5	9	6	6	-	50	3	02	5	9	30	5	3	58	pro	is	65	2.1	1	1							
Manchester	334	8	1	08	58	21	046	57	8	8	4	-	-	53	8	10	1	10	6	8	18	8	8	34	04	74	25	9	000	58	6	8	5	7	-	53	1	02	2	8	25	6	6	50	8	3	59	pro	is	60	0.2	3	1				
Squires Gate	318	7	27	09	66	21	036	60	7	8	3	-	-	57	7	07	1	08	5	8	28	7	29	08	80	25	8	998	59	6	8	5	7	-	55	2	01	3	8	22	5	6	45	6	3	58	pro	is	62	1.9	4	1					
Valley	302	6	23	10	74	03	001	60	3	3	4	6	3	51	7	02	3	9	18	4	8	25	6	32	11	83	02	2	045	59	4	2	5	7	2	54	3	06	4	8	20	3	3	60	pro	is	62	9.2	TR	0							
Ronaldsway	204	6	18	07	82	01	039	58	6	8	5	0	0	53	7	04	1	10	6	8	28	7	24	12	86	02	1	004	61	1	1	4	0	2	51	2	08	1	8	14	3	0	75	pro	is	62	9.2	TR	0								
Silloth	214	6	26	06	82	01	039	58	6	8	5	0	0	53	7	04	1	10	6	8	28	7	24	12	86	02	1	004	61	1	1	4	0	2	51	2	08	1	8	14	3	0	75	pro	is	62	9.2	TR	0								
Watnall	354	7	24	06	61	21	003	60	6	8	5	1	2	51	7	10	4	8	20	6	6	15	7	24	12	86	02	1	004	61	1	1	4	0	2	51	2	08	1	8	14	3	0	75	pro	is	62	9.2	TR	0							
Spurn Head	396	8	23	08	60	1	031	63	8	9	5	-	-	59	7	07	8	9	25	8	6	50	8	11	12	32	95	9	019	59	8	9	5	-	56	3	07	8	9	20	3	3	60	pro	is	61	0.4	0.1	1								
Lindholme	362	7	24	08	57	01	007	65	7	8	4	-	-	54	7	08	2	8	18	8	6	50	7	08	06	57	15	8	001	59	7	3	4	-	56	5	00	3	9	18	3	8	20	6	6	50	pro	is	64	0.0	13	1					
Disholme	261	8	01	05	45	29	000	61	8	9	1	-	-	57	8	06	6	8	22	7	9	12	7	08	06	57	15	9	000	57	2	5	4	2	-	56	1	02	2	6	15	8	4	58	pro	is	65	1.0	2	2							
Tynemouth	262	6	14	10	32	02	000	59	6	8	5	-	-	56	8	06	6	8	22	7	9	12	7	08	06	57	15	9	000	57	2	5	4	2	-	56	1	02	2	6	15	8	4	58	pro	is	63	0.2	13	1							
Eskdalemuir	162	7	20	06	64	02	031	61	7	3	5	-	-	52	6	01	3	8	21	7	6	30	7	07	09	74	02	8	996	60	4	3	4	7	-	52	2	07	4	9	12	7	4	68	pro	is	60	3.5	3	1							
West Freugh	130	7	7	07	74																																																				

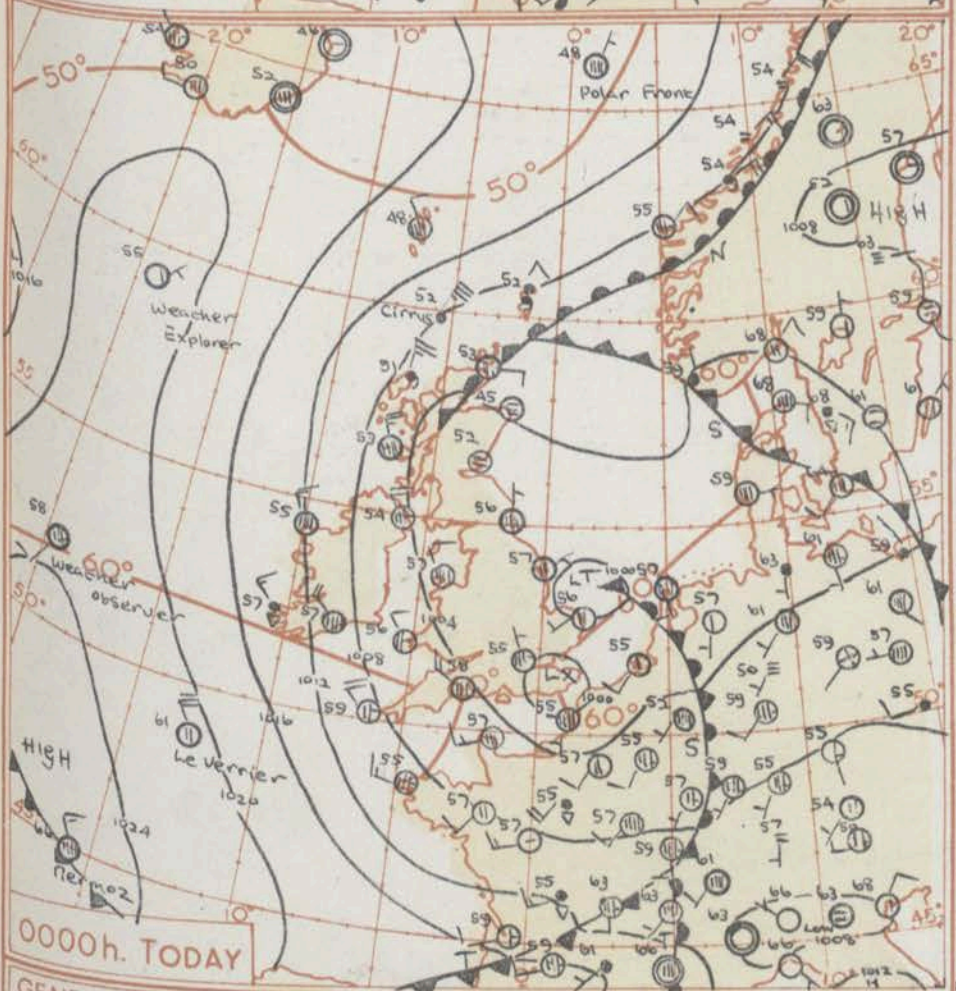
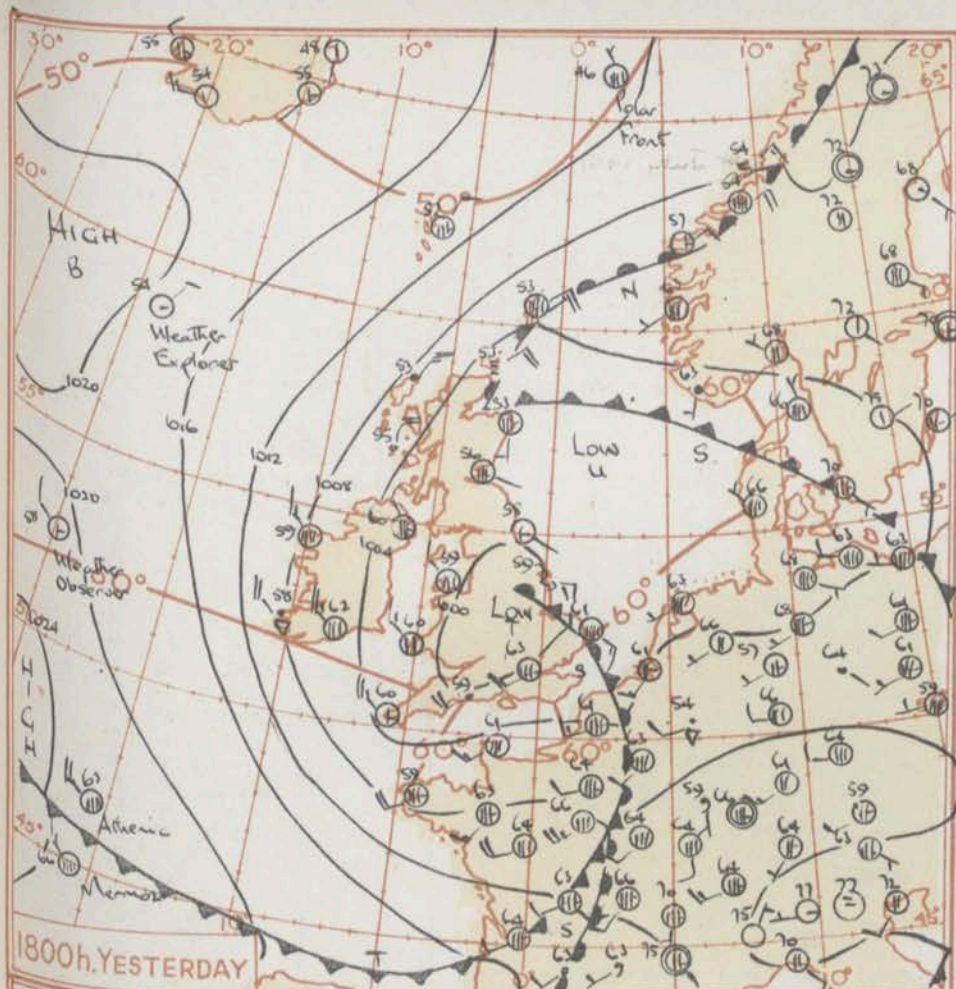
Code F.M.21.A		12h. Ships Reports																				18h. Ships Reports																													
Ship	LAT.	LONG.	Wind				Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.		Waves		Ship	LAT.	LONG.	Wind				Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.		Waves									
			Total Cloud	Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction		Speed	Character	Change in 3 hours	Sea				Dew Point	Direction	Period	Height	Total Cloud	Direction			Speed	Visibility	Present	Past	Amount	Low		Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
			N	dd	ff	VV	ww	W			PPP	TT	Nh	CL	h	CM		CH	Ds	Vs	a				pp	Ts	Td	dwdw	Pw	Hw			N	dd	ff	VV	ww	W		PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts
WEATHER EXPLORER	387	201	7	02	10	99	02	2	183	58	7	6	7	.	.	0	0	2	15	30	30	09	3	4	WEATHER OBSERVER.	526	199	3	32	12	99	03	0	208	58	1	1	6	5	1	0	0	2	09	51	52	32	4	2		
WEATHER OBSERVER	525	201	3	33	15	99	03	1	184	58	2	.	6	0	1	0	0	2	20	51	52	32	3	7	WEATHER EXPLORER.	589	197	1	03	10	99	01	1	200	54	1	8	5	7	0	2	1	2	08	52	48	08	4	3		
MARMOR	449	159	6	30	15	70	02	2	232	68	6	5	5	0	0	0	0	1	06	03	63	51	4	3	POLAR FRONT.	659	020E	8	35	06	99	02	2	141	46	8	5	4	.	.	0	0	2	06	56	43	49	2	1		
POLAR FRONT	660	023E	8	31	04	98	03	5	135	46	3	6	4	.	.	0	0	2	07	03	43	49	2	1	MERMOR.	449	159	8	31	15	70	02	5	236	66	8	5	4	.	.	0	0	8	01	01	63	31	4	3		
WEATHER RECORDER	618	127	8	26	02	98	50	5	201	48	8	5	4	.	.	0	0	2	03	51	45	.	.	.	WEATHER RECORDER.	619	329	7	32	09	98	02	2	198	50	7	8	4	.	.	0	0	4	00	52	48	49	2	2		
U.S. SHIP 'C'	528	355	8	20	14	99	6	6	112	56	8	7	8	.	.	0	0	7	13	03	56	49	.	3	U.S. SHIP 'C'.	528	355	9	18	24	14	61	6	052	56	9	.	0	.	.	0	0	7	30	03	56	29	3	5		
U.S. SHIP 'D'	460	410	4	18	28	69	02	0	71	72	4	1	3	0	0	0	0	6	03	0	69	19	3	6	U.S. SHIP 'D'.	440	410	7	18	20	69	02	2	170	73	6	2	5	7	0	0	0	3	03	02	59	19	3	6		
U.S. SHIP 'B'	345	010	9	11	20	07	51	4	064	48	9	.	0	.	.	0	0	7	12	02	48	11	3	4	DURAND VICTORY.	488	246	8	28	04	98	02	4	257	63	8	5	5	.	.	8	5	5	03	01	63	32	4	2		
U.S. SHIP 'E'	350	480	6	18	24	69	03	1	183	78	2	2	3	5	1	0	0	2	05	00	70	19	3	5	ATHENIC.	468	185	8	30	18	99	03	2	211	63	8	4	4	.	.	2	6	2	32	51	66	30	3	5		
ATHENIC	474	125	6	29	24	99	03	2	168	62	6	1	4	0	0	2	6	2	23	51	51	30	3	6	TRELEVAN	447	283	1	22	08	99	02	0	276	68	1	8	4	4	2	1	4	7	02	51	66	22	2	2		
All times of observation printed in this publication are GREENWICH MEAN TIME																																																			

* Information not usually received.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

A depression moved across England into the North Sea with some filling, and is expected to merge with a complex low over south Sweden. A ridge of high pressure west of Ireland will move Southeast and intensify, to give an anticyclone in the Biscay area, while a low in mid-Atlantic will move east to become slow moving near north Scotland. The fronts of this depression are expected to be active over most northern districts but will probably be weak in southern England.

Issued at midday today Sunday 21st July 1957

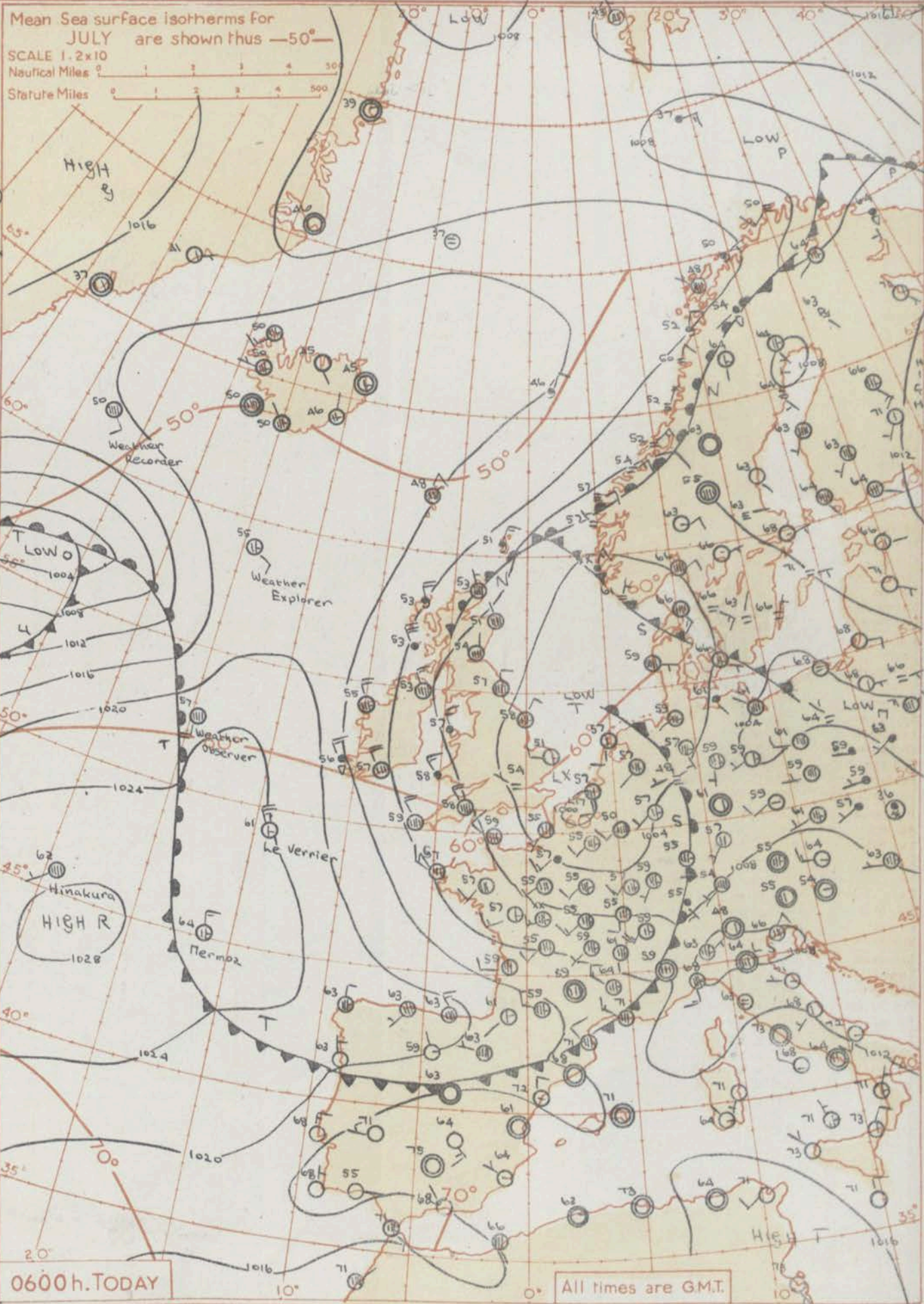
FORECAST FOR BRITISH ISLES until noon tomorrow

Weather will be rather cloudy with occasional rain or drizzle. Outbreaks of thunderstorms in central and eastern England will die out late in the evening. By morning further general rain is expected in west Scotland and northern Ireland spreading to most of Scotland and north England later with coastal fog reaching Wales and southwest England. Rather cool generally.

OUTLOOK FOR following 24 hours -

Probably rain or drizzle at times, especially in the north but bright periods also. Rather cool in the north becoming warmer in the south.

Mean Sea surface isotherms for JULY are shown thus —50—
SCALE 1:2x10
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



All times are GMT.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 21st July 1957																										OBSERVATIONS at 06h. G.M.T. 21st July 1957																										OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Code FM 11.A		Wind		Weather		Cloud		Temp.		Bar.		Cloud Layers		Wind		Weather		Cloud		Temp.		Bar.		Cloud Layers		Temp.		Temp.		Temp.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Station	Station Number	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium	High	Amount	Low	Height	Medium

00h. Ships Reports

Code FM 21.A		Wind		Weather		Cloud		Course		Bar		Temp.		Waves	
Ship	Ship	LAT.	LONG.	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High
		Lat	Long	N	dd	W	VV	ww	W	PPP	TT	Nh	CL	h	CM
WEATHER EXPLORER	590	191	2	04	06	99	02	0	106	55	2	4	8	0	0
WEATHER OBSERVER	526	197	7	22	10	98	03	2	221	54	3	5	3	7	0
MERMOZ	449	158	8	34	18	65	02	5	256	64	8	5	4	1	7
POLAR FRONT	659	019E	8	02	04	99	02	7	148	48	8	8	4	1	0
WEATHER RECORDER	618	329	8	07	09	98	02	7	196	50	8	8	4	6	0
U.S. SHIP "C"	523	355	8	23	14	59	21	4	072	55	8	0	2	2	0
U.S. SHIP "D"	440	410	8	23	11	37	81	8	176	71	8	2	4	1	0
CIRRUS	595	092	8	03	33	50	61	2	073	52	5	7	2	2	2
LEVERRIER	487	129	4	33	23	07	01	1	212	61	4	8	5	0	2
TRELEVAN	451	267	6	18	08	57	03	1	281	66	6	7	4	1	1

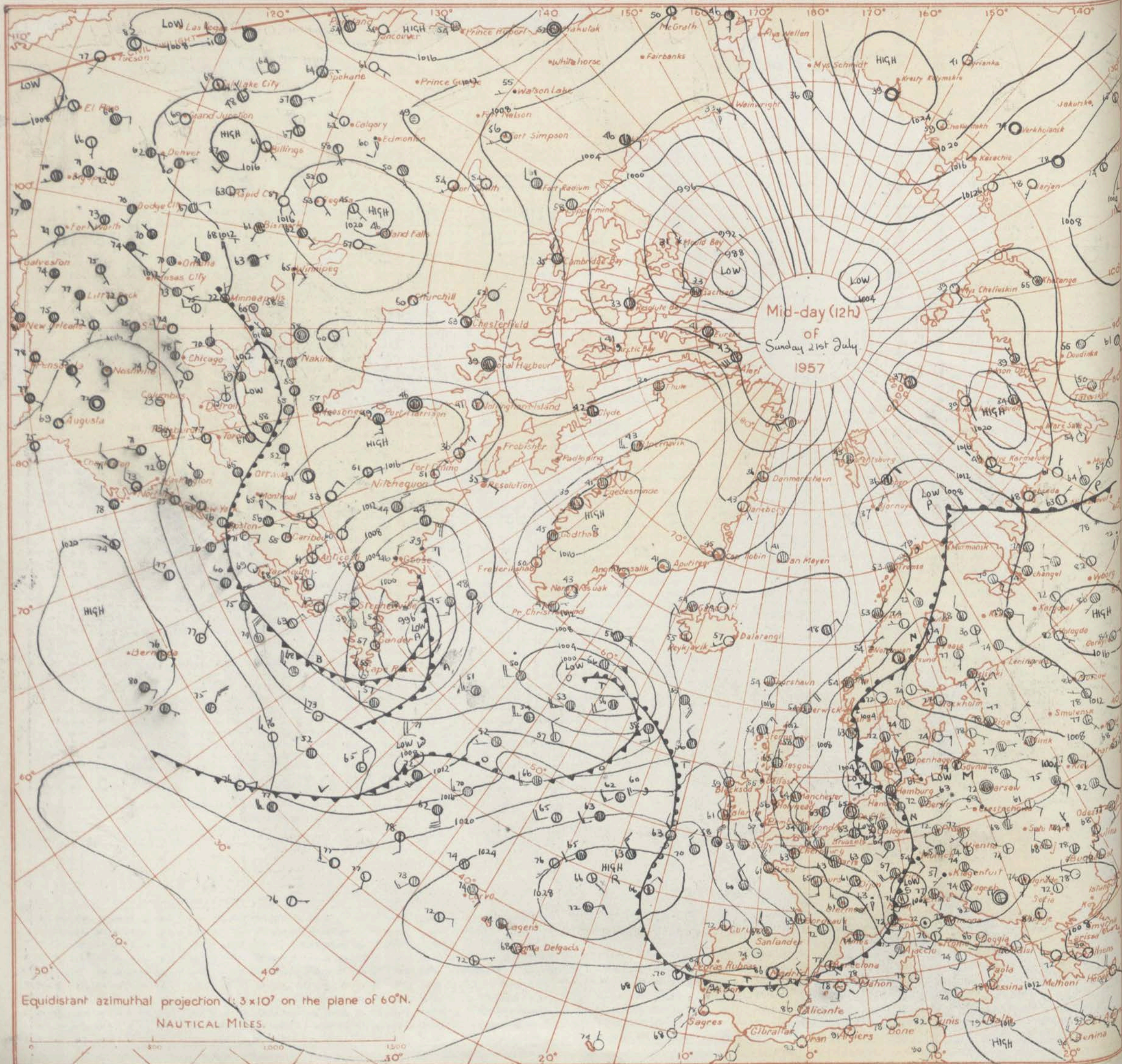
06h. Ships Reports

Ship	LAT.	LONG.	Total Cloud	Wind		Visibility	Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.		Direction	Wind	
				Direction	Speed		Present	Past			Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea			Dew Point
	Lat	Long	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	vs	a	pp	Ts	Td	dw	Pa
WEATHER EXPLORER	590	190	5	12	10	99	03	1	158	55	5	8	5	0	1	0	0	7	07	51	48	08	4
WEATHER OBSERVER	526	195	8	18	18	97	21	6	204	57	8	0	9	2	1	3	7	13	51	55	27	3	
MERM02	451	163	5	36	16	70	02	2	263	54	5	5	4	1	0	0	2	05	52	55	35	2	
POLAR FRONT	609	019E	8	02	11	98	50	2	157	46	8	5	4	1	1	0	0	2	06	55	42	13	
WEATHER RECORDER	618	329	8	12	12	98	02	2	154	50	8	5	6	1	1	0	0	7	19	51	46	49	
U.S. SHIP "C"	528	385	7	25	12	60	02	2	089	53	7	1	4	1	1	0	0	2	08	00	50	20	
U.S. SHIP "D"	440	410	8	18	22	69	02	2	136	72	8	4	5	1	1	0	0	7	22	02	69	19	
LEVERRIER	492	143	3	33	24	97	02	0	242	61	3	2	5	0	1	7	4	2	11	51	54	33	
CIRRUS	595	026	8	03	22	50	51	6	089	52	8	6	2	1	1	2	3	3	12	50	50	04	
HINAKURA	456	242	8	23	05	97	02	2	279	62	8	6	3	1	1	1	6	8	02	56	60	49	

OBSERVATIONS at 18h. G.M.T. 2157 July 1957

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Equidistant azimuthal projection (1:3x10⁷) on the plane of 60°N.

NAUTICAL MILES

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 22nd July 1957

OBSERVATIONS at 06h. G.M.T. 22nd July 1957

OBSERVATIONS during NIGHT

Code FM 11.A	Station	Station Number	Wind	Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud	Bar	Cloud Layers	Wind	Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud	Bar	Cloud Layers	Temp. 21h to 09h	Temp. 21h to 09h	Temp. 21h to 09h
			Direction	Speed	Present	Past	Amount	Low	Height	Amount	Low	Height	Amount	Low	Height	Amount	Min. °F	Max. °F	Min. °F
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
			(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
			(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
			(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)
			(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)
			(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)	(101)	(102)
			(103)	(104)	(105)	(106)	(107)	(108)	(109)	(110)	(111)	(112)	(113)	(114)	(115)	(116)	(117)	(118)	(119)
			(120)	(121)	(122)	(123)	(124)	(125)	(126)	(127)	(128)	(129)	(130)	(131)	(132)	(133)	(134)	(135)	(136)
			(137)	(138)	(139)	(140)	(141)	(142)	(143)	(144)	(145)	(146)	(147)	(148)	(149)	(150)	(151)	(152)	(153)
			(154)	(155)	(156)	(157)	(158)	(159)	(160)	(161)	(162)	(163)	(164)	(165)	(166)	(167)	(168)	(169)	(170)
			(171)	(172)	(173)	(174)	(175)	(176)	(177)	(178)	(179)	(180)	(181)	(182)	(183)	(184)	(185)	(186)	(187)
			(188)	(189)	(190)	(191)	(192)	(193)	(194)	(195)	(196)	(197)	(198)	(199)	(200)	(201)	(202)	(203)	(204)
			(205)	(206)	(207)	(208)	(209)	(210)	(211)	(212)	(213)	(214)	(215)	(216)	(217)	(218)	(219)	(220)	(221)
			(222)	(223)	(224)	(225)	(226)	(227)	(228)	(229)	(230)	(231)	(232)	(233)	(234)	(235)	(236)	(237)	(238)
			(239)	(240)	(241)	(242)	(243)	(244)	(245)	(246)	(247)	(248)	(249)	(250)	(251)	(252)	(253)	(254)	(255)
			(256)	(257)	(258)	(259)	(260)	(261)	(262)	(263)	(264)	(265)	(266)	(267)	(268)	(269)	(270)	(271)	(272)
			(273)	(274)	(275)	(276)	(277)	(278)	(279)	(280)	(281)	(282)	(283)	(284)	(285)	(286)	(287)	(288)	(289)
			(290)	(291)	(292)	(293)	(294)	(295)	(296)	(297)	(298)	(299)	(300)	(301)	(302)	(303)	(304)	(305)	(306)
			(307)	(308)	(309)	(310)	(311)	(312)	(313)	(314)	(315)	(316)	(317)	(318)	(319)	(320)	(321)	(322)	(323)
			(324)	(325)	(326)	(327)	(328)	(329)	(330)	(331)	(332)	(333)	(334)	(335)	(336)	(337)	(338)	(339)	(340)
			(341)	(342)	(343)	(344)	(345)	(346)	(347)	(348)	(349)	(350)	(351)	(352)	(353)	(354)	(355)	(356)	(357)
			(358)	(359)	(360)	(361)	(362)	(363)	(364)	(365)	(366)	(367)	(368)	(369)	(370)	(371)	(372)	(373)	(374)
			(375)	(376)	(377)	(378)	(379)	(380)	(381)	(382)	(383)	(384)	(385)	(386)	(387)	(388)	(389)	(390)	(391)
			(392)	(393)	(394)	(395)	(396)	(397)	(398)	(399)	(400)	(401)	(402)	(403)	(404)	(405)	(406)	(407)	(408)
			(409)	(410)	(411)	(412)	(413)	(414)	(415)	(416)	(417)	(418)	(419)	(420)	(421)	(422)	(423)	(424)	(425)
			(426)	(427)	(428)	(429)	(430)	(431)	(432)	(433)	(434)	(435)	(436)	(437)	(438)	(439)	(440)	(441)	(442)
			(443)	(444)	(445)	(446)	(447)	(448)	(449)	(450)	(451)	(452)	(453)	(454)	(455)	(456)	(457)	(458)	(459)
			(460)	(461)	(462)	(463)	(464)	(465)	(466)	(467)	(468)	(469)	(470)	(471)	(472)	(473)	(474)	(475)	(476)
			(477)	(478)	(479)	(480)	(481)	(482)	(483)	(484)	(485)	(486)	(487)	(488)	(489)	(490)	(491)	(492)	(493)
			(494)	(495)	(496)	(497)	(498)	(499)	(500)	(501)	(502)	(503)	(504)	(505)	(506)	(507)	(508)	(509)	(510)
			(511)	(512)	(513)	(514)	(515)	(516)	(517)	(518)	(519)	(520)	(521)	(522)	(523)	(524)	(525)	(526)	(527)
			(528)	(529)	(530)	(531)	(532)	(533)	(534)	(535)	(536)	(537)	(538)	(539)	(540)	(541)	(542)	(543)	(544)
			(545)	(546)	(547)	(548)	(549)	(550)	(551)	(552)	(553)	(554)	(555)	(556)	(557)	(558)	(559)	(560)	(561)
			(562)	(563)	(564)	(565)	(566)	(567)	(568)	(569)	(570)	(571)	(572)	(573)	(574)	(575)	(576)	(577)	(578)
			(579)	(580)	(581)	(582)	(583)	(584)	(585)	(586)	(587)	(588)	(589)	(590)	(591)	(592)	(593)	(594)	(595)
			(596)	(597)	(598)	(599)	(600)	(601)	(602)	(603)	(604)	(605)	(606)	(607)	(608)	(609)	(610)	(611)	(612)
			(613)	(614)	(615)	(616)	(617)	(618)	(619)	(620)	(621)	(622)	(623)	(624)	(625)	(626)	(627)	(628)	(629)
			(630)	(631)	(632)	(633)	(634)	(635)	(636)	(637)	(638)	(639)	(640)	(641)	(642)	(643)	(644)	(645)	(646)
			(647)	(648)	(649)	(650)	(651)	(652)	(653)	(654)	(655)	(656)	(657)	(658)	(659)	(660)	(661)	(662)	(663)
			(664)	(665)	(666)	(667)	(668)	(669)	(670)	(671)	(672)	(673)	(674)	(675)	(676)	(677)	(678)	(679)	(680)
			(681)	(682)	(683)	(684)	(685)	(686)	(687)	(688)	(689)	(690)	(691)	(692)	(693)	(694)	(695)	(696)	(697)
			(698)	(699)	(700)	(701)	(702)	(703)	(704)	(705)	(706)	(707)	(708)	(709)	(710)	(711)	(712)	(713)	(714)
			(715)	(716)	(717)	(718)	(719)	(720)	(721)	(722)	(723)	(724)	(725)	(726)	(727)	(728)	(729)	(730)	(731)
			(732)	(733)	(734)	(735)	(736)	(737)	(738)	(739)	(740)	(741)	(742)	(743)	(744)	(745)	(746)	(747)	(748)
			(749)	(750)	(751)	(752)	(753)	(754)	(755)	(756)	(757)	(758)	(759)	(760)	(761)	(762)	(763)	(764)	(765)
			(766)	(767)	(768)	(769)	(770)	(771)	(772)	(773)	(774)	(775)	(776)	(777)	(778)	(779)	(780)	(781)	(782)
			(783)	(784)	(785)	(786)	(787)	(788)	(789)	(790)	(791)	(792)	(793)	(794)	(795)	(796)	(797)	(798)	(799)
			(800)	(801)	(802)	(803)	(804)	(805)	(806)	(807)	(808)	(809)	(810)	(811)	(812)	(813)	(814)	(815)	(816)
			(817)	(818)	(819)	(820)	(821)	(822)	(823)	(824)	(825)	(826)	(827)	(828)	(829)	(830)	(831)	(832)	(833)
			(834)	(835)	(836)	(837)	(838)	(839)	(840)	(841)	(842)	(843)	(844)	(845)	(846)	(847)	(848)	(849)	(850)
			(851)	(852)	(853)	(854)	(855)	(856)	(857)	(858)	(859)	(860)	(861)	(862)	(863)	(864)	(865)	(866)	(867)
			(868)	(869)	(870)	(871)	(872)	(873)	(874)	(875)	(876)	(877)	(878)	(879)	(880)	(881)	(882)	(883)	(884)
			(885)	(886)	(887)	(888)	(889)	(890)	(891)	(892)	(893)	(894)	(895)	(896)	(897)	(898)	(899)	(900)	(901)
			(902)	(903)	(904)	(905)	(906)	(907)	(908)	(909)	(910)	(911)	(912)	(913)	(914)	(915)	(916)	(917)	(918)
			(919)	(920)	(921)	(922)	(923)	(924)	(925)	(926)	(927)	(928)	(929)	(930)	(931)	(932)	(933)	(934)	(935)
			(936)	(937)	(938)	(939)	(940)	(941)	(942)	(943)	(944)	(945)	(946)	(947)	(948)	(949)	(950)	(951)	(952)
			(953)	(954)	(955)	(956)	(957)	(958)	(959)	(960)	(961)	(962)	(963)	(964)	(965)	(966)	(967)	(968)	(969)
			(970)	(971)	(972)	(973)	(974)	(975)	(976)	(977)	(978)	(979)	(980)	(981)	(982)	(983)	(984)	(985)	(986)
			(987)	(988)	(989)	(990)	(991)	(992)	(993)	(994)	(995)	(996)	(997)	(998)	(999)	(1000)	(1001)	(1002)	(1003)

00h. Ships Reports

06h. Ships Reports

Code FM 21.A	Ship																								Ship																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Ship	LAT.	LONG.	Wind				Weather				Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar		Temp.		Waves		Ship	LAT.	LONG.	Wind				Weather				Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar		Temp.		Waves																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Total Cloud	Direction	Speed	Visibility	Present	Past	Amount	Low			Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew-Point	Direction	Period	Height				Total Cloud	Direction	Speed	Visibility	Present	Past	Amount	Low			Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew-Point	Direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	LatLat	LonLon	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw				N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
WEATHER EXPLORER	532	136	8	23	15	95	61	6	92	55	4	J	M	J	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Tuesday 23rd July 1957

[illegible][illegible]

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

^b Information not usually received.

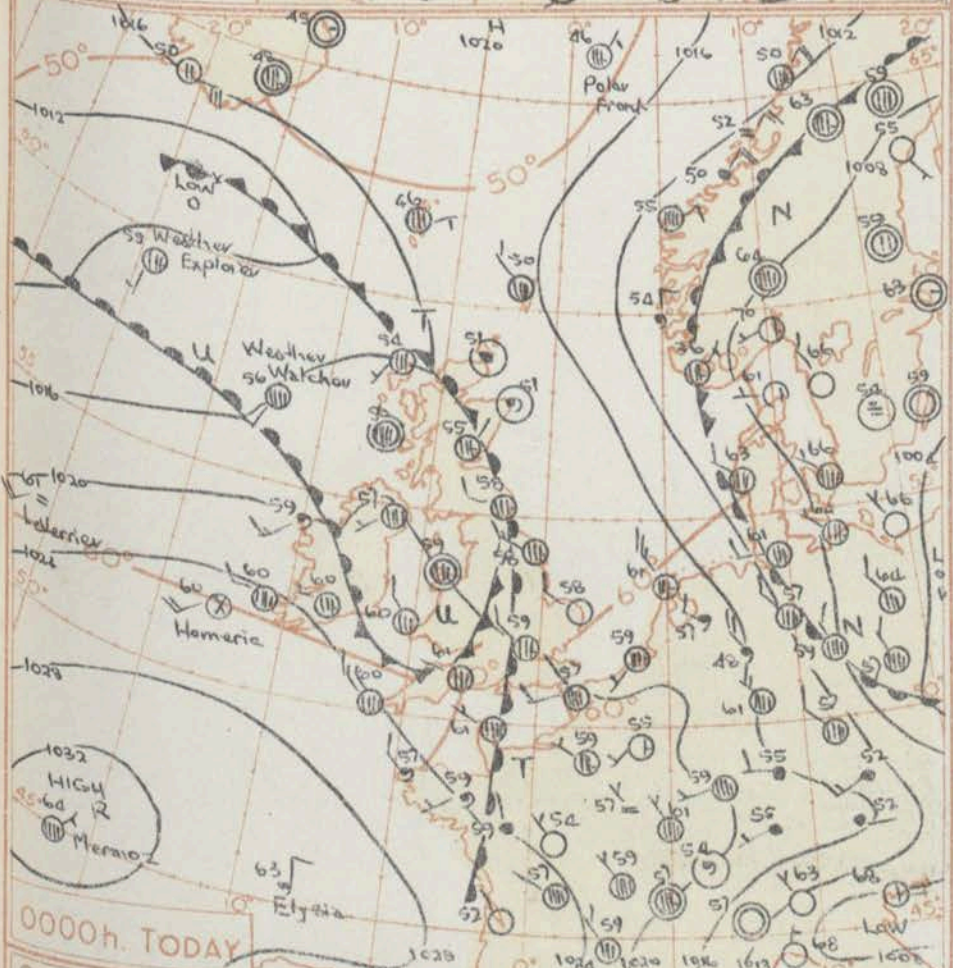
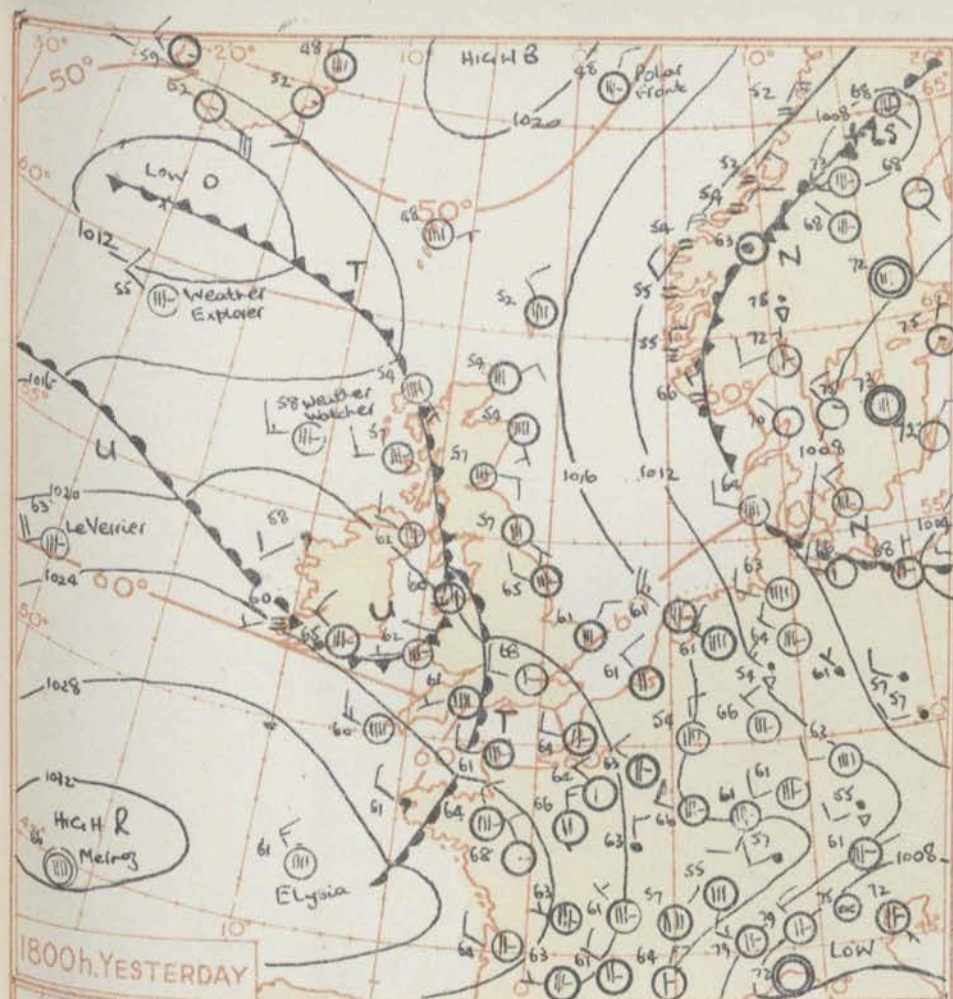
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Mid-day (12h)
of
Monday 22nd July
1957

Equidistant azimuthal projection 1:3x10⁷ on the plane of 60°N.
NAUTICAL MILES.

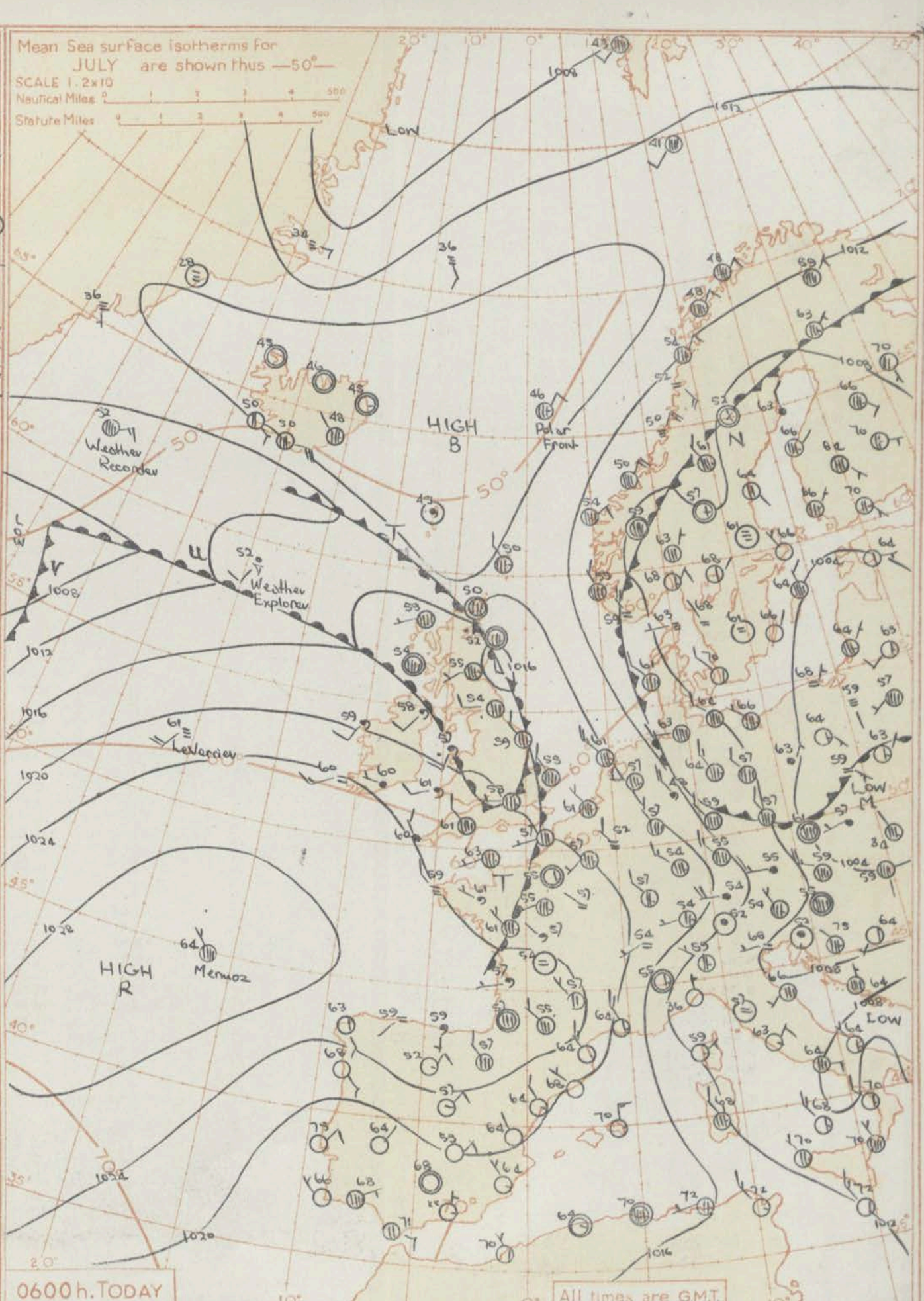
NAUTICAL MILES.

NAUTICAL MILES.



GENERAL SYNOPSIS DEVELOPMENT

An anticyclone has been almost stationary to the southwest of the British Isles while a weak frontal system has moved southeastward across all districts. The anticyclone will change little and weak fronts will continue to affect the British Isles.



Issued at midday today Tuesday 23 July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

In southeastern districts of England there will be some sunny intervals but there may be occasional drizzle at night. Elsewhere it will be mostly cloudy with a little rain or drizzle at times and there will be much hill fog and coastal fog patches in the west. Temperatures will be near normal.

OUTLOOK FOR the following 24 hours.

Similar.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. 34943

Date of Issue... Wednesday 24th July 1957

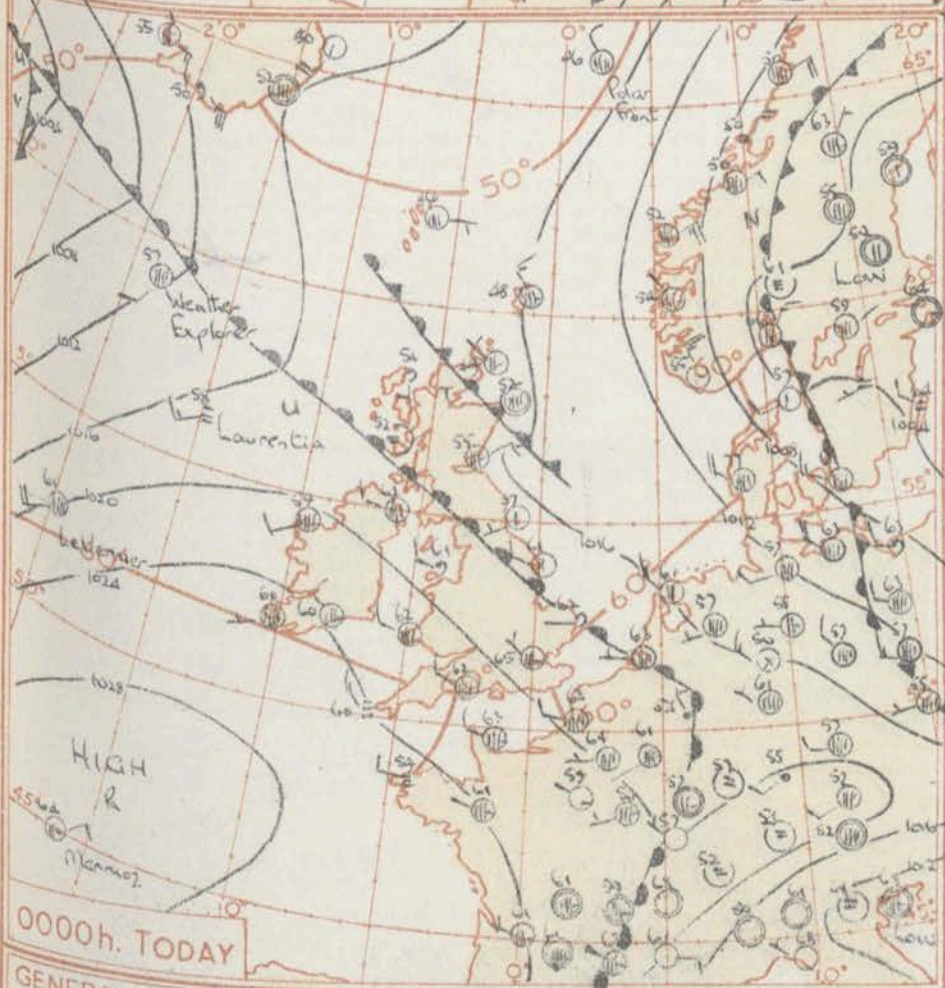
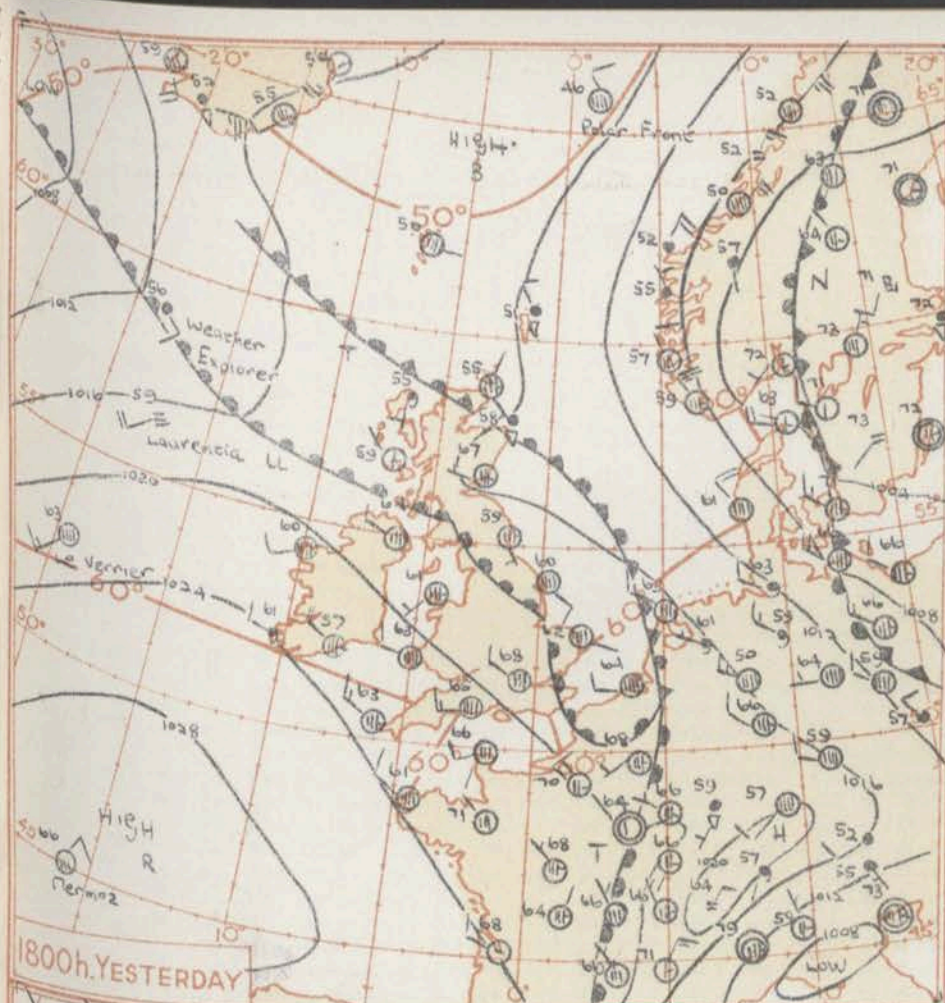
OBSERVATIONS at 12h. G.M.T. 23rd July 1957																									OBSERVATIONS at 18h. G.M.T. 23rd July 1957																									OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Code F.M.11.A	Station	Station Number	Total Cloud	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Wet Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character c	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Total Cloud	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Wet Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character c	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Weather	Max Temp. 09h. to 21h. °F	Sunshine	Rain 09h. to 21h. mm.	State of ground 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Kew	775	8	27	04	52	2	192	69	7	5	5	1	1	51	7	03	7	5	25	8	4	99				1	28	07	16	25	6	17	67	6	9	4	6	2	6	5	4	9	20	4	6	35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

12h. Ships Reports																											
Code F.M.21.A						Wind		Weather				Cloud		Course		Bar		Temp.		Waves							
Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Cloud				Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height				
											Amount	Low	Height	Medium										High	Amount	Low	Height
	Lst	Lst	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dw	dw	Pw	Hw	
LE YERRIER	526	220	7	23	16	30	10	4	227	63	7	6	2	-	-	0	0	4	00	04	59	23	4	4			
WEATHER EXPLORER	591	188	7	19	10	98	02	2	142	56	7	6	6	-	1	0	0	0	05	00	52	24	3	2			
POLAR FRONT	659	06E	8	36	10	99	02	2	183	48	8	5	4	-	-	0	0	0	01	56	41	02	2	2			
MERMOZ.	447	163	8	36	11	70	02	2	317	64	8	5	5	-	-	0	0	2	05	52	57	34	5	1			
WEATHER RECORDER	620	330	8	07	14	98	02	2	084	51	8	0	9	7	8	0	0	7	16	00	50	07	4	3			
U.S. SHIP. "C."	528	355	4	23	16	69	01	1	090	54	2	1	5	7	0	0	0	1	03	02	51	20	4	5			
U.S. SHIP. "D."	440	410	8	34	05	69	02	2	131	68	8	5	-	-	0	0	0	02	54	60	49	-	3				
WEATHER WATCHER	579	150	7	00	00	98	02	2	161	58	4	5	4	3	-	7	3	8	01	01	52	49	-	2			
AMERICAN SCIENTIST	505	176	9	24	16	97	05	2	268	64	9	-	0	-	-	6	5	2	07	03	61						
ST. JOHN	009	107	0	01	24	99	02	0	213	67	0	0	9	0	0	1	4	2	15	00	62	02	3	7			
ALL																											

18h. Ships Reports																											
						Wind		Weather				Cloud		Course		Bar		Temp.		Waves							
Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Cloud				Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height				
											Amount	Low	Height	Medium										High	Amount	Low	Height
	Lst	Lst	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dw	dw	Pw	Hw	
WEATHER EXPLORER	521	199	8	13	10	94	01	6	126	56	8	7	1	-	-	0	0	7	13	50	56	24	3	2			
LEVERQUIER	527	199	8	23	17	12	28	4	232	63	8	6	-	-	-	0	0	8	05	03	60	23	4	3			
MERMOZ	450	163	6	02	09	70	01	2	308	66	6	5	5	0	0	0	0	6	04	00	60	24	5	1			
POLAR FRONT	657	01E	8	35	10	99	02	2	176	46	8	5	4	-	-	0	0	7	06	57	41	49	2	1			
WEATHER RECORDER	620	331	8	09	12	95	00	2	050	52	8	7	3	-	-	0	0	7	16	50	50	08	4	4			
WEATHER WATCHER	583	166	8	14	11	94	50	5	142	57	8	6	2	-	-	7	3	7	10	50	56	25	3	4			
U.S. SHIP "C"	528	355	8	23	12	69	02	2	090	55	8	5	7	-	-	0	0	4	00	03	52	22	3	4			
U.S. SHIP "D"	440	410	8	24	05	69	02	2	136	64	4	5	5	7	-	0	0	1	05	53	60	49	2	3			
CUMULUS	504	012	7	24	16	65	02	2	192	64	5	8	5	4	1	6	3	6	02	02	61	29	3	2			
LAURENTIA	462	178	8	23	19	93	42	5	162	59	8	5	2	-	-	1	5	4	05	02	53	23	2	2			

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPSIS DEVELOPMENT

An anticyclone to the south west of the British Isles remained almost stationary while a ridge to the northward moved to the east and declined. Weak frontal systems moved slowly eastwards across the British Isles. The anticyclone to the south west will weaken and move towards the Azores while a depression near Iceland will move eastward. Another depression over the Atlantic will deepen and move towards Scotland.

Issued at **Friday today** Wednesday 24 July 1957

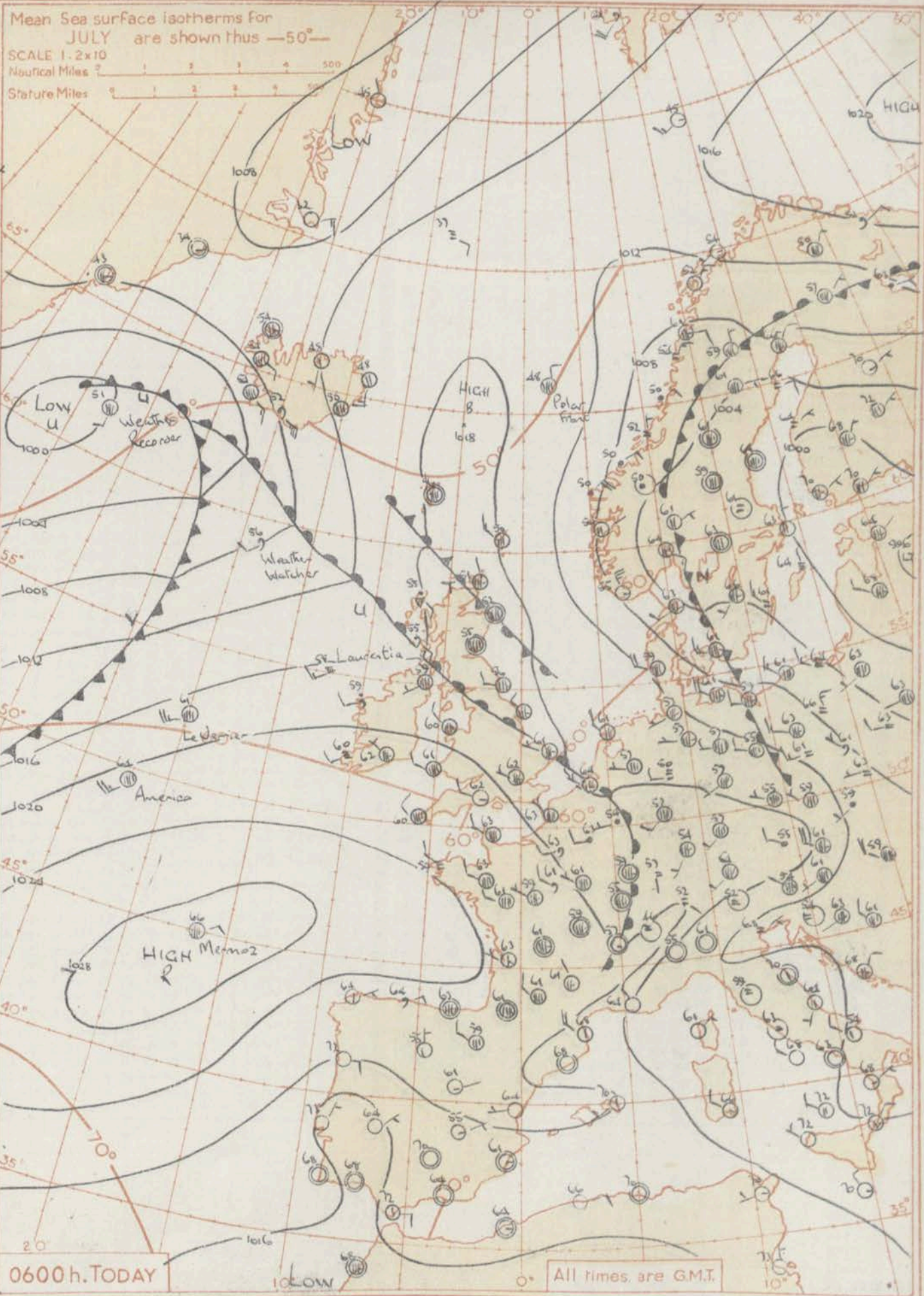
FORECAST FOR BRITISH ISLES until noon tomorrow

Mostly cloudy with rain or drizzle in many areas, particularly at night and more especially in the west and north. Bright periods this afternoon in central and south-eastern areas of England where it will be rather warm. Temperatures in other areas mostly about normal.

OUTLOOK FOR the following 24 hours.

Mostly cloudy with rain at times especially in Scotland. In south-east England rainfall amounts will be small.

Mean Sea surface isotherms for JULY are shown thus —50°—
SCALE 1:2x10
Nautical Miles 0 100 200 300
Statute Miles 0 100 200 300



THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 24th July 1957																									OBSERVATIONS at 06h. G.M.T. 24th July 1957																									OBSERVATIONS during Night				
Code FM 11.A		Station Number	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Character	Change in 3 hours	Cloud Layers				Bar	Change in 3 hours	Cloud Layers				Weather	Temp. 21.h to 09h.																											
Station	Direction		Speed	Visibility	Present	Past			Amount	Low	Height	Medium				High	Amount	Form	Height			Amount	Form	Height	Amount		Form	Height	Min. °F	Min. °C	Rain on grass																							
			N	dd	H	VV	ww	W	PPP	TT	Nh	CL	H	CM	CH	Td	2	up	Nh	C	hsh	Nh	C	hsh	Nh	C	hsh	Nh	C	hsh	21h. co 03h.	03h. co 09h.	(53)	(54)	(55)																			
Kew	775	*	*	*	*	*	*	6.4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	63	59	61																		
London Airport	772	7	30	0.6	6.2	0.2	2	18.5	6.5	4	5	6	7	-	-	6.2	4	0.0	4	6	3.4	7	3	5.8	*	*	*	*	*	*	*	62	61	62																				
Tangmere	874	7	28	0.5	6.6	0.2	6	18.9	6.3	3	6	4	7	8	6.1	4	0.0	2	7	11	5	3	6.0	7	2	7.5	*	*	*	*	*	*	62	60	62																			
Hurn	862	7	28	0.9	5.9	0.2	8	20.0	6.3	7	6	3	-	-	6.1	5	0.1	2	7	0.8	7	7	0.9	-	-	-	*	*	*	*	*	*	62	61	62																			
Guernsey	894	8	29	1.5	0.4	4.4	6	22.4	6.0	8	6	0	-	-	6.0	6	0.4	8	7	0.0	-	-	-	-	-	-	*	*	*	*	*	*	62	60	62																			
Felixstowe	697	8	29	0.6	5.6	0.2	2	17.5	6.3	5	5	6	-	-	6.2	7	0.1	5	6	4.3	8	4	5.8	-	-	-	*	*	*	*	*	*	62	59	62																			
Gorleston	497	8	27	0.2	5.4	5.0	5	17.2	6.2	8	7	3	-	-	6.2	7	0.3	8	7	1.0	-	-	-	-	-	-	*	*	*	*	*	*	62	59	62																			
Mildenhall	578	8	31	0.2	5.8	0.3	5	17.5	6.1	8	5	7	-	-	6.0	4	0.0	8	6	5.0	-	-	-	-	-	-	*	*	*	*	*	*	62	59	62																			
Cardington	559	8	26	0.4	5.6	0.2	5	18.2	6.3	8	5	5	-	-	6.0	2	0.0	8	6	2.2	-	-	-	-	-	-	*	*	*	*	*	*	62	59	62																			
West Raynham	485	5	28	0.6	4.8	0.1	5	16.9	6.0	4	5	6	3	-	-	5.8	8	0.5	4	6	3.0	4	3	6.2	-	-	-	*	*	*	*	*	*	60	56	61																		
Wittering	462	8	28	1.0	4.8	6.0	2	17.9	6.2	4	6	3	-	-	5.9	4	0.0	4	7	0.9	8	6	1.8	-	-	-	*	*	*	*	*	*	60	57	61																			
Boscombe Down	746	6	31	0.5	4.9	0.5	1	19.8	6.0	6	5	5	-	-	6.0	3	0.1	1	7	0.7	6	6	2.9	-	-	-	*	*	*	*	*	*	63	62	63																			
Ross-on-Wye	627	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	62	59	62																		
Bristol	628	8	28	0.7	5.8	0.3	5	19.7	6.3	8	5	4	-	-	6.1	5	0.0	8	6	1.5	-	-	-	-	-	-	*	*	*	*	*	*	62	59	62																			
Aberporth	502	8	28	1.3	6.2	0.2	2	20.4	6.1	3	6	3	-	-	6.0	2	0.2	3	7	0.5	6	7	1.1	8	6	4.0	-	-	-	-	-	-	59	57	61																			
Pembroke Dock	604	8	28	0.8	6.3	0.3	2	20.2	6.2	8	5	4	-	-	6.0	1	0.2	2	6	1.5	8	6	1.7	-	-	-	*	*	*	*	*	*	61	60	62																			
Plymouth	827	8	30	1.2	5.8	5.0	5	22.3	6.3	6	6	2	-	-	6.0	8	0.1	6	7	0.9	8	6	2.5	-	-	-	*	*	*	*	*	*	61	60	62																			
Chivenor	707	8	31	1.0	6.3	5.0	5	21.7	6.2	6	6	3	-	-	6.0	0	0.1	6	7	0.0	8	6	2.0	-	-	-	*	*	*	*	*	*	61	60	62																			
St. Mawgan	817	8	29	1.2	3.7	0.2	6	23.7	6.0	3	6	0	-	-	6.0	4	0.0	3	7	0.1	8	7	0.2	-	-	-	*	*	*	*	*	*	59	59	62																			
Culdrose	809	8	30	0.8	4.0	1.0	2	23.1	6.0	3	7	1	-	-	5.9	8	0.2	3	7	0.2	8	6	1.2	-	-	-	*	*	*	*	*	*	59	58	62																			
Scilly	804	9	30	1.4	0.5	4.5	4	23.4	6.0	3	7	1	-	-	5.9	5	0.3	7	0.2	8	6	1.2	-	-	-	*	*	*	*	*	*	58	58	62																				
Elmdon	534	7	26	0.6	4.8	1.0	6	18.2	6.2	3	6	3	-	-	6.0	8	0.2	3	7	0.9	7	6	1.6	-	-	-	*	*	*	*	*	*	61	58	62																			
Shawbury	414	8	26	0.6	6.6	0.2	5	18.7	6.2	3	6	4	-	-	6.1	2	0.1	3	7	1.7	5	6	2.0	8	6	5.5	-	-	-	-	-	-	58	58	62																			
Manchester	334	8	27	0.4	3.3	5.0	5	17.9	6.0	4	6	2	-	-	5.9	4	0.0	4	7	0.3	8	7	0.5	-	-	-	*	*	*	*	*	*	59	58	62																			
Squires Gate	318	8	29	0.8	5.8	5.1	5	19.2	6.1	5	6	2	-	-	6.1	2	0.2	5	7	0.8	6	7	1.2	8	6	2.5	-	-	-	-	-	-	59	58	62																			
Valley	302	8	29	0.8	5.8	5.1	5	19.2	6.1	5	6	2	-	-	6.1	2	0.2	5	7	0.8	6	7	1.2	8	6	2.5	-	-	-	-	-	-	59	58	62																			
Ronaldsway	204	8	29	0.6	6.0	5.0	5	19.3	6.0	4	6	3	-	-	5.8	6	0.1	4	7	0.8	8	6	1.6	-	-	-	*	*	*	*	*	*	59	57	62																			
Silloth	214	1	29	0.2	6.0	0.1	2	17.3	6.0	1	5	6	-	-	5.7	1	0.2	1	6	3.5	-	-	-	-	-	-	*	*	*	*	*	*	57	54	62																			
Watnall	354	7	27	0.2	5.0	0.2	2	17.8	6.1	3	6	4	-	-	5.9	8	0.1	3	7	1.2	6	6	1.5	-	-	-	*	*	*	*	*	*	59	58	62																			
Spurn Head	396	4	29	1.0	4.8	0.1	8	16.5	6.1	4	5	5	-	-	6.0	0	0.1	4	6	2.0	-	-	-	-	-	-	*	*	*	*	*	*	56	49	62																			
Lindholme	362	3	29	0.5	3.3	0.1	1	17.4	5.9	3	5	6	-	-	5.9	0	0.1	1	7	1.5	3	6	3.5	-	-	-	*	*	*	*	*	*	56	51	62																			
Dishforth	281	5	29	0.6	6.4	0.4	6	16.7	6.1	5	5	7	-	-	5.8	5	0.1	1	6	3.0	5	6	5.0	-	-	-	*	*	*	*	*	*	56	52	62																			
Tynemouth	262	1	23	0.3	5.8	0.1	1	16.4	5.7	2	5	7	-	-	5.4	4	0.0	2	6	3.6	-	-	-	-	-	-	*	*	*	*	*	*	52	48	62																			
Eskdalemuir	162	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	52	48	62																		
West Freugh	130	6	31	0.5	6.6	0.2	2	17.5	5.7	3	8	3	-	-	5.4	1	0.1	3	7	0.9	6	6	1.6	-	-	-	*	*	*	*	*	*	56	55	62																			
Prestwick	135	6	31	0.5	6.6	0.2	2	17.5	5.7	3	8	3	-	-	5.4	1	0.1	3	7	0.9	6	6	1.6	-	-	-	*	*	*	*	*	*	56	55	62																			
Renfrew	141	2	24	0.6	8.2	0.2	2	17.0	5.4	1	0	9	4	1	5.1	4	0.1	1	3	6.0	-	-	-	-	-	-	*	*	*	*	*	*	53	47	62																			
Leuchars	171	7	07	0.9	7.4	0.2	2	16.5	5.5	4	5	5	-	-	5.3	1	0.6	1	7	1.5	4	6	2.0	7	6	4.0	-	-	-	-	-	-	54	52	62																			
Dyce	091	8	00	0.0	6.2	0.2	6	17.3	5.2	3	6	4	-	-	5.1	2	0.1	3	7	1.3	7	6	2.0	-	-	-	*	*	*	*	*	*	50	48	62																			
Wick	075	5	32	0.5	8.8	0.1	2	17.1	4.9	5	5	6	-	-	4.8	8	0.3	5	6	3.5	-	-	-	-	-	-	*	*	*	*	*	*	46	42	62																			
Cape Wrath	049	8	09	0.2	8.3	0.2	2	17.4	5.1	8	6	5	-	-	4.9	2	0.2	8	7	2.5	-	-	-	-	-	-	*	*	*	*	*	*	49	48	62																			
Sule Skerry	010	5	05	0.2	8.4	0.1	1	17.7	5.2	3	5	5	-	-	4.6	2	0.5	3	6	2.0	-	-	-	-	-	-	*	*	*	*	*	*	47	44	62																			
Lerwick	005	7	34	1.5	3.2	0.2	8	15.6	4.8	3																																												

00h. Ships Reports

Code FM 21.A		LAT.	LONG.	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.	Waves						
Ship	Total Cloud			Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction			Speed	Character ^c Change in 3 hours	Sea	Dew Point	Direction	Period	Height
		Lalala	LoLoLo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	H	CM	CH	Ds	Vs	s	pp	TsTc	TdTw	dwdw	Pw	Hw
LOVERRIER		52.6	20.1	8	23	22	5.7	0.2	2	21.2	6.1	7	5	5	-	-	5	2	1	06	03	59	23	4	3
WEATHER EXPLORER		58.8	18.2	8	19	12	9.3	20	6	11.6	5.7	8	6	1	-	-	3	3	0	00	50	57	20	4	2
POLAR FRONT.		65.8	01.6E	8	35	08	9.9	0.2	2	16.5	4.6	8	5	4	-	-	2	1	7	01	54	43	49	2	2
MERMOZ.		44.9	16.3	5	06	10	6.5	0.2	1	30.6	6.4	5	5	0	-	0	0	0	4	09	51	57	34	4	1
WEATHER RECORDER.		62.0	33.3	8	08	19	9.6	6.1	5	0.7	5.2	8	7	2	-	0	0	7	19	00	51	08	4	4	
U.S. SHIP "C."		52.8	35.5	8	23	19	6.6	60	2	0.93	5.3	8	8	3	-	-	0	0	3	05	00	51	21	3	4
U.S. SHIP. "D."		44.0	41.0	8	18	16	6.9	0.2	2	12.9	7.0	2	1	5	7	-	0	0	8	14	52	66	49	-	3
WEATHER WATCHER		58.8	18.1	9	20	08	9.3	4.5	4	12.1	5.7	9	-	0	-	-	7	3	7	08	50	57	26	3	3
AMERICA.		48.7	25.5	7	20	24	9.8	0.2	2	22.0	6.4	6	5	5	2	-	1	8	2	20	01	61	20	3	3
LAURENT.		56.1	15.0	9	23	14	9.3	4.5	4	16.5	5.8	9	-	0	-	-	2	5	1	02	01	56	23	-	2

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue... Thursday... 25th July... 1957

Code F.M.11.A		OBSERVATIONS at 12h. G.M.T. 24th July 1957																								OBSERVATIONS at 18h. G.M.T. 24th July 1957																								OBSERVATIONS during DAY								
Station	Station Number	Wind		Weather		Bar at M.S.L.	Cloud					Temp.	Bar	Cloud Layers					Temp.	Bar	Cloud Layers					Weather	Max Temp. 09h. to 15h. (51)	Sunshine	Rain 09h. to 21h. mm. (55)	State of ground 21h. (56)																												
		Direction	Speed	Present	Past		Amount	Low	Height	Medium	High			Character	Change in 3 hours	Amount	Form	Height			Amount	Form	Height	Character	Change in 3 hours						Amount	Form	Height	Amount	Form	Height																						
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	
Kew	775	7	25	05	82	15	8	19.2	70	7	4	5	6	3	60	2	04	1	7	15	4	8	20	1	5	60	7	28	07	84	02	8	183	71	8	8	5	7	1	1	60	8	02	1	8	25	5	6	50	pr	-	73	1.7	TR	0			
London Airport	772	6	23	11	78	01	5	18.4	70	4	3	5	6	3	60	2	04	1	9	20	5	3	60	1	5	60	8	30	09	83	02	8	182	71	7	8	5	7	1	1	60	8	01	1	8	20	5	6	50	pr	-	74	1.7	TR	0			
Tangmere	874	6	20	08	68	01	2	18.6	73	6	2	5	6	2	60	7	03	6	8	30	3	3	60	6	0	75	7	34	05	80	02	1	184	73	5	8	6	3	2	2	60	8	00	3	8	30	5	6	40	6	0	75	-	-	76	7.6	-	1
Hurn	862	7	25	14	72	01	2	19.8	71	5	2	5	6	2	60	7	02	6	8	25	6	6	75	6	0	75	3	29	13	80	01	1	194	71	1	2	6	3	2	2	60	7	01	1	8	30	5	6	40	6	0	75	-	-	75	-	-	1
Guernsey	894	7	25	12	63	02	2	22.7	71	3	6	2	5	6	60	0	03	1	7	03	6	7	04	7	0	75	7	28	12	66	03	1	226	62	7	8	6	3	2	2	60	0	00	1	7	03	7	6	30	-	-	66	4.3	-	1			
Felixstowe	697	7	30	14	66	05	8	17.2	69	7	2	5	6	2	60	3	00	7	7	8	22	6	7	04	7	0	75	8	29	02	63	02	2	172	69	7	5	5	5	5	5	62	5	00	7	6	28	8	4	60	pr	-	70	2.0	TR	0		
Corleston	497	7	25	12	64	01	2	16.2	68	5	2	5	6	2	60	3	06	6	8	20	6	3	57	6	0	75	8	04	02	58	02	2	169	67	5	5	5	5	5	5	59	2	03	5	6	24	8	4	99	id	pr	70	3.7	TR	2			
Mildenhall	578	7	33	05	64	01		17.4	67	4	5	5	6	2	60	0	05	4	6	26	7	6	30	7	0	75	8	30	11	59	06	6	173	67	5	5	5	5	5	5	60	2	03	5	6	28	8	4	50	id	pr	71	2.0	TR	1			
Cardington	559	7	23	13	61	02	8	17.6	70	7	8	5	6	3	60	6	02	6	8	22	3	6	40	6	0	75	8	30	09	66	02	2	178	68	6	8	6	1	1	1	60	2	03	1	7	19	8	6	35	id	pr	74	3.2	TR	0			
West Raynham	485	7	29	11	74	02	2	17.0	65	7	5	4	5	6	60	1	04	2	6	15	7	6	18	6	0	75	8	29	05	28	00	6	160	65	7	4	8	5	2	2	60	0	00	1	7	03	7	6	30	-	-	67	0.7	TR	1			
Wittering	462	8	29	13	66	05	6	17.7	70	7	8	4	5	6	60	6	03	4	6	12	7	6	18	6	0	75	5	32	10	82	01	2	191	70	2	8	5	3	2	2	60	7	01	1	8	25	3	6	40	id	id	71	2.2	TR	1			
Boscombe Down	746	7	31	06	73	02	5	19.5	70	7	8	4	5	6	60	5	03	4	8	18	7	6	26	6	0	75	7	30	05	81	00	8	186	70	6	5	5	1	1	1	60	6	06	6	6	20	6	6	30	-	-	74	6.7	-	0			
Ross-on-Wye	627	6	29	10	52	01	2	19.1	71	4	5	6	6	4	60	5	02	3	6	30	6	3	60	6	0	75	7	24	11	63	02	2	194	67	6	8	5	3	1	6	62	6	02	2	8	25	5	6	35	pr	-	72	2.3	TR	0			
Bristol	628	7	25	07	70	02	2	20.1	67	7	8	4	5	6	60	1	01	1	7	17	3	8	22	6	0	75	7	29	07	66	51	9	203	62	3	6	2	1	1	62	7	02	2	1	05	3	7	09	7	6	50	id	id	71	2.3	TR	1	
Aberporth	502	8	27	15	74	02	2	20.7	64	5	8	5	6	6	60	2	00	1	7	06	8	6	30	6	0	75	6	26	15	74	02	2	208	65	6	8	5	1	1	60	2	05	1	8	20	6	6	35	id	id	72	3.1	-	1				
Pembroke Dock	604	8	27	11	80	02	2	21.2	65	8	5	6	6	6	60	4	00	1	7	15	8	6	30	6	0	75	7	29	10	74	03	2	221	68	4	8	3	3	3	60	6	03	3	8	20	4	6	50	-	-	72	3.1	-	1				
Plymouth	827	7	29	12	82	01	2	21.8	70	7	2	4	5	6	60	8	01	6	7	12	7	6	15	6	0	75	8	29	10	66	03	2	221	64	3	6	2	2	2	60	6	03	3	8	20	4	6	50	-	-	72	3.1	-	1				
Chivenor	707	8	31	12	74	02	5	22.0	65	6	6	5	6	6	60	3	03	6	7	04	7	3	60	6	0	75	9	29	10	05	45	4	227	61	5	1	0	1	1	60	8	03	3	7	00	6	7	06	8	7	09	-	-	68	0.6	-	0	
St. Mawgan	817	7	29	13	69	01	2	22.1	64	6	6	2	3	6	60	3	03	6	7	04	7	3	60	6	0	75	9	29	10	05	45	4	227	61	5	1	0	1	1	60	8	03	3	7	00	6	7	06	8	7	09	-	-	68	0.6	-	0	
Culdrose	809	6	33	03	76	01	2	23.0	68	5	2	4	3	6	60	7	03	5	5	15	6	3	60	6	0	75	9	32	08	66	01	2	230	64	5	6	3	3	3	60	0	00	2	7	07	5	6	10	-	-	70	6.3	-	0				
Scilly	804	7	30	12	71	02	2	23.9	65	7	5	4	5	6	60	5	00	7	6	15	6	3	60	6	0	75	8	30	11	59	03	7	236	61	8	6	3	3	3	60	1	01	2	7	09	5	6	16	pr	id	66	0.7	-	0				
Elmdon	534	7	30	12	58	25	8	18.4	67	7	5	5	6	6	60	5	03	5	8	20	3	6	50	6	0	75	8	24	03	28	51	6	180	65	6	5	4	1	1	60	6	04	2	7	12	5	6	16	id	id	68	1.0	2	1				
Shawbury	414	7	32	06	81	02	5	19.5	67	5	8	5	6	6	60	7	02	1	8	20	3	6	25	6	0	75	7	28	07	82	02	6	180	68	7	8	5	1	1	60	6	05	3	7	09	8	6	15	id	id	68	0.2	0.2	1				
Manchester	334	8	28	12	86	20	5	18.5	62	4	7	3	6	6	60	2	03	2	7	04	4	7	03	8	6	0	75	8	27	08	58	20	5	178	65	5	6	3	1	1	60	6	05	3	7	09	8	6	15	id	id	65	0.2	0.1	1			
Squires Gate	318	8	28	14	40	50	5	18.2	62	6	6	2	6	6	60	3	02	1	7	01	6	7	03	8	7	0	75	7	27	11	62	02	2	174	65	5	6	3	1	1	60	7	05	1	7	07	6	7	30	id	id	65	0.9	1	1			
Valley	302	7	28	11	74	02	2	19.3	67	6	6	4	5	6	60	7	02	3	8	15	5	6	30	7	0	75	7	27	10	80	21	6	171	66	7	5	7	1	1	60	7	06	1	7	06	8	4	58	-	-	68	0.1	1	1				
Ronaldsway	204	8	27	13	80	02	6	17.9	62	4	6	3	6	6	60	6	02	1	7	04	4	7	07	8	6	0	75	8	23	12	61	20	9	159	63	8	6	4	1	1	60	7	03	2	7	03	8	7	10	id	id	64	0.1	0.3	1			
Silloth	214	8	23	12	61	21	6	17.0	61	7	6	3	6	6	60	5	03	1	7	04	4	7	08	8	6	0	75	8	23	08	56	50	5	153	64	5	6	4	7	1	60	5	01	5	7	10	8	6	25	id	id	68	1.1	TR	1			
Watnall	354	7	30	08	59	02	2	17.8	67	5	8	4	4	6	60	0	01	5	8	12	6	6	20	6	0	75	8	24	06	61	02	8	163	60	8	3	4	1	1	60	6	03	8	9	25	8	6	30	-	-	68	2.6	TR	0				
Spurn Head	396	6	00	00	61	01	2	16.5	66	6	2	5	6	6	60	1	05	6	8	25	6	7	6	24	6	0	75	8	28	10	66	03	6	169	65	9	8	5	1	1	60	8	02	7	8	20	8	6	30	id	pr	68	0.3	TR	0			
Lindholme	362	7	11	10	61	01	5	17.4	65	7	8	5	6	6	60	3	00	1	8	15	6	8	25	6	0	75	7	28	07	74	01	8	155	66	1	5	5	7	1	60	1	09	1	6	25	3	3	59	id	id	67	0.8	0.6	0				
Dishforth	261	8	31	08	72																																																					

12h. Ships Reports

Code F.M. 21. A		12h. Ships Reports																											
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.	Waves										
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Down Point	Direction	Period	Height					
Lata	Loke	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw					
WEATHER WATCHER	590	190	9	19	15	32	47	4	858	57	9	.	0	.	.	0	0	7	13	00	57	21	3	3					
LE JERUEL	523	202	8	22	21	26	60	6	166	61	8	6	2	.	.	0	0	8	11	03	60	22	4	5					
MERMOL	460	166	8	04	04	70	02	2	282	66	8	8	5	.	.	0	0	4	00	00	58	49	-	1					
POLAR FRONT	658	017E	8	16	14	39	02	2	119	48	8	8	4	.	.	0	0	7	03	54	42	01	3	3					
WEATHER RECORDER	620	330	7	19	11	39	02	5	003	51	7	4	6	.	.	0	0	7	01	51	49	49	-	2					
U.S. SHIP C	328	355	8	25	17	69	23	2	081	53	8	1	1	.	.	0	0	3	05	00	51	24	4	5					
U.S. SHIP D	440	410	7	23	20	63	02	2	152	73	7	6	4	.	.	0	0	2	12	01	70	20	3	5					
PARDO	583	256	7	10	05	98	15	2	257	71	6	2	7	0	5	5	5	4	00	51	63	10	3	2					
U.S. SHIP E	350	480	2	15	15	74	02	0	239	73	1	1	5	0	2	0	0	1	08	01	75	24	3	4					
WEATHER EXPLORER	315	150	8	20	14	92	42	5	103	58	8	6	1	.	.	3	3	4	00	00	59	19	3	2					

18h. Ships Reports

18h. Ships Reports																											
Ship.	LAT.	LONG.	Total Cloud	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp. Change in 3 hours	Dew Point	Waves						
				Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction	Speed				Direction	Speed	Direction	Period	Height		
																										N	dd
WEATHER WATCHER	590	190	8	24	16	04	41	4	054	56	8	6	2	-	-	0	0	7	62	50	55	21	3	3			
LEVERRIER	524	201	8	21	13	20	61	6	129	61	6	7	1	2	-	0	0	8	28	02	59	21	4	5			
MERMEL	450	166	6	08	07	70	02	1	267	66	5	8	5	0	2	0	0	6	05	01	61	08	2	1			
POLAR FRONT	659	018 E	8	01	16	99	02	2	127	48	8	8	4	-	-	0	0	7	07	53	42	01	3	3			
WEATHER RECORDER	621	329	7	12	03	94	03	1	990	53	6	8	5	-	-	0	0	7	08	51	50	49	4	2			
U. S. SHIP "C"	528	355	8	21	15	69	02	8	087	53	8	5	5	-	-	0	0	3	05	00	48	26	3	4			
U. S. SHIP "D"	440	410	8	23	20	58	10	4	147	73	8	6	4	-	-	0	0	2	15	03	70	25	3	6			
CAIRNAYON	584	281	6	20	09	08	25	1	009	56	6	8	-	-	-	6	4	6	20	51	52	21	4	2			
WEATHER EXPLORER	513	073	9	22	14	92	41	6	100	57	4	-	1	-	-	3	4	4	00	00	57	16	4	3			
CUMULUS	487	061	8	29	11	60	02	4	241	63	8	6	2	-	-	5	3	3	02	50	61	28	4	2			

EXPLORES 975 150 8.20 14 92 42 5 103 94 8 6 1

* Information not usually received.

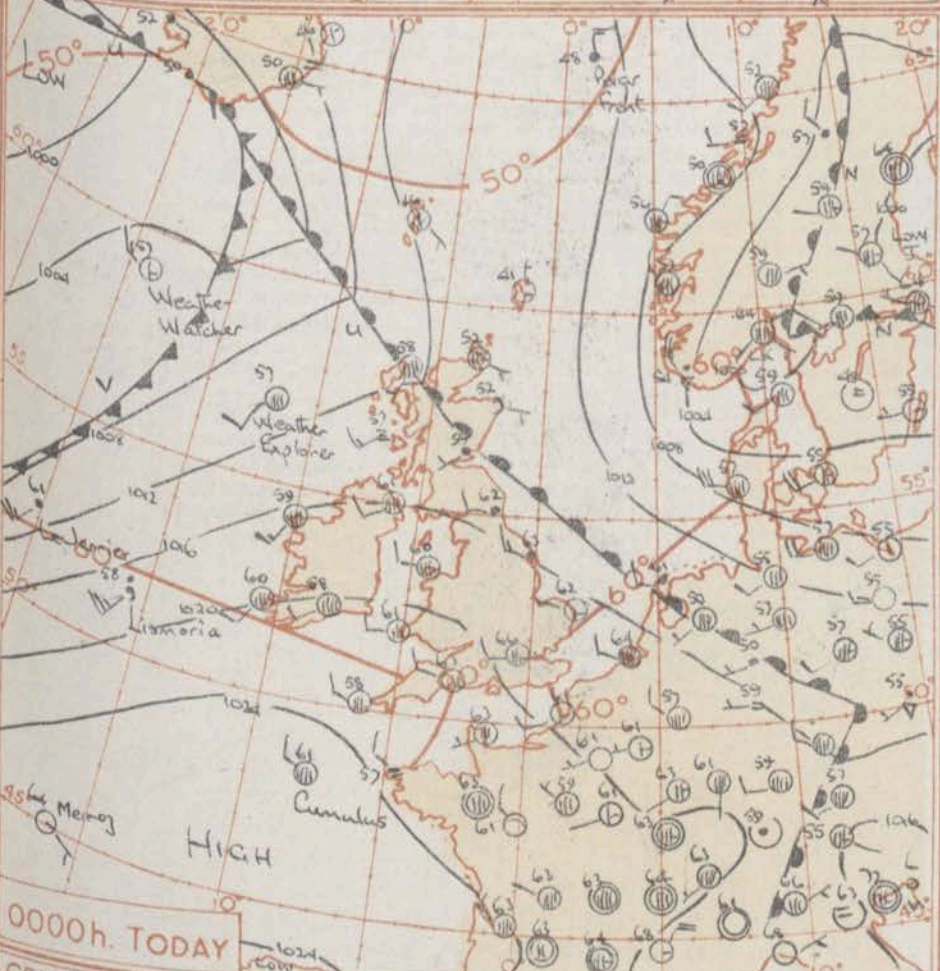
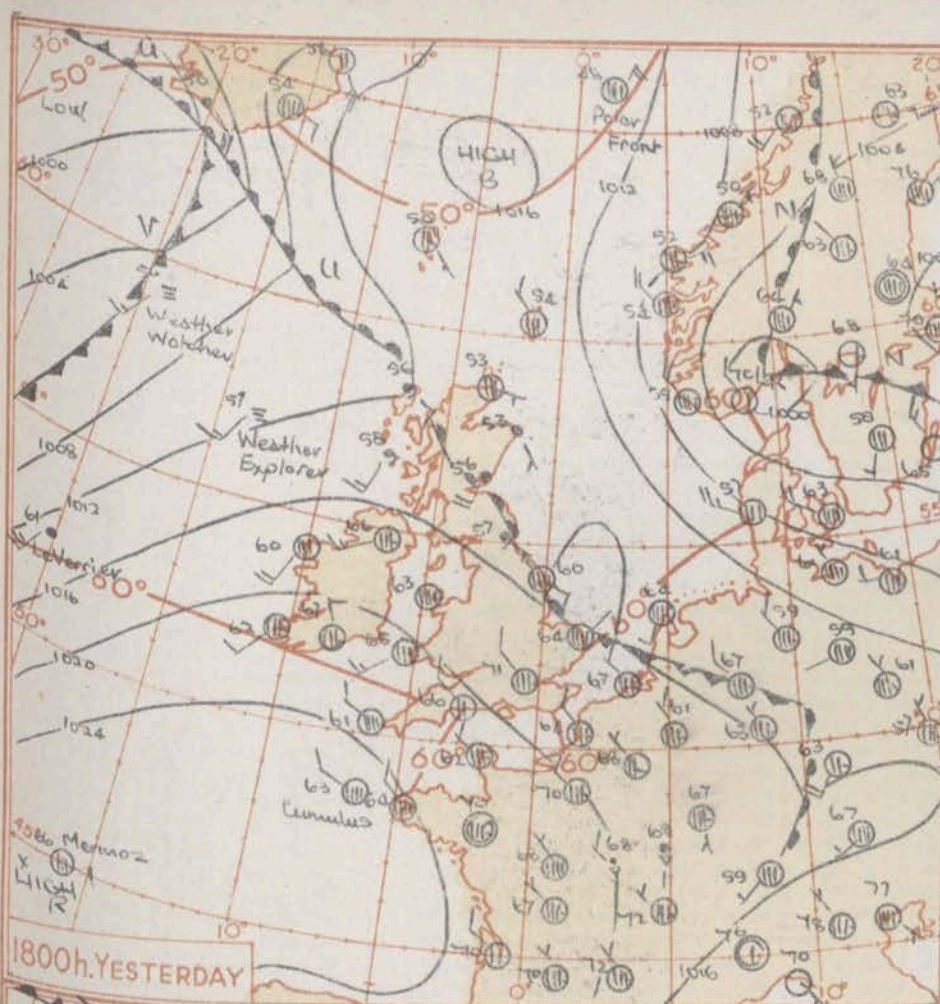
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Mid-day (12h)
of
Wednesday 24th July
1957

Equidistant azimuthal projection 1:3x10⁷ on the plane of 60°N.
NAUTICAL MILES.

NAUTICAL MILES.

NAUTICAL MILES.



GENERAL SYNOPTIC DEVELOPMENT

A depression near Iceland moved rather slowly eastwards, while pressure remained high to the south and southwest of the British Isles. A warm front across Scotland and northeast England moved very slowly northeastwards as a cold front over the Atlantic approached Scotland. The depression near Iceland will continue to move slowly eastwards and its cold front will cross northwestern districts of the British Isles.

Issued at midday today

Thursday 25th July 1957

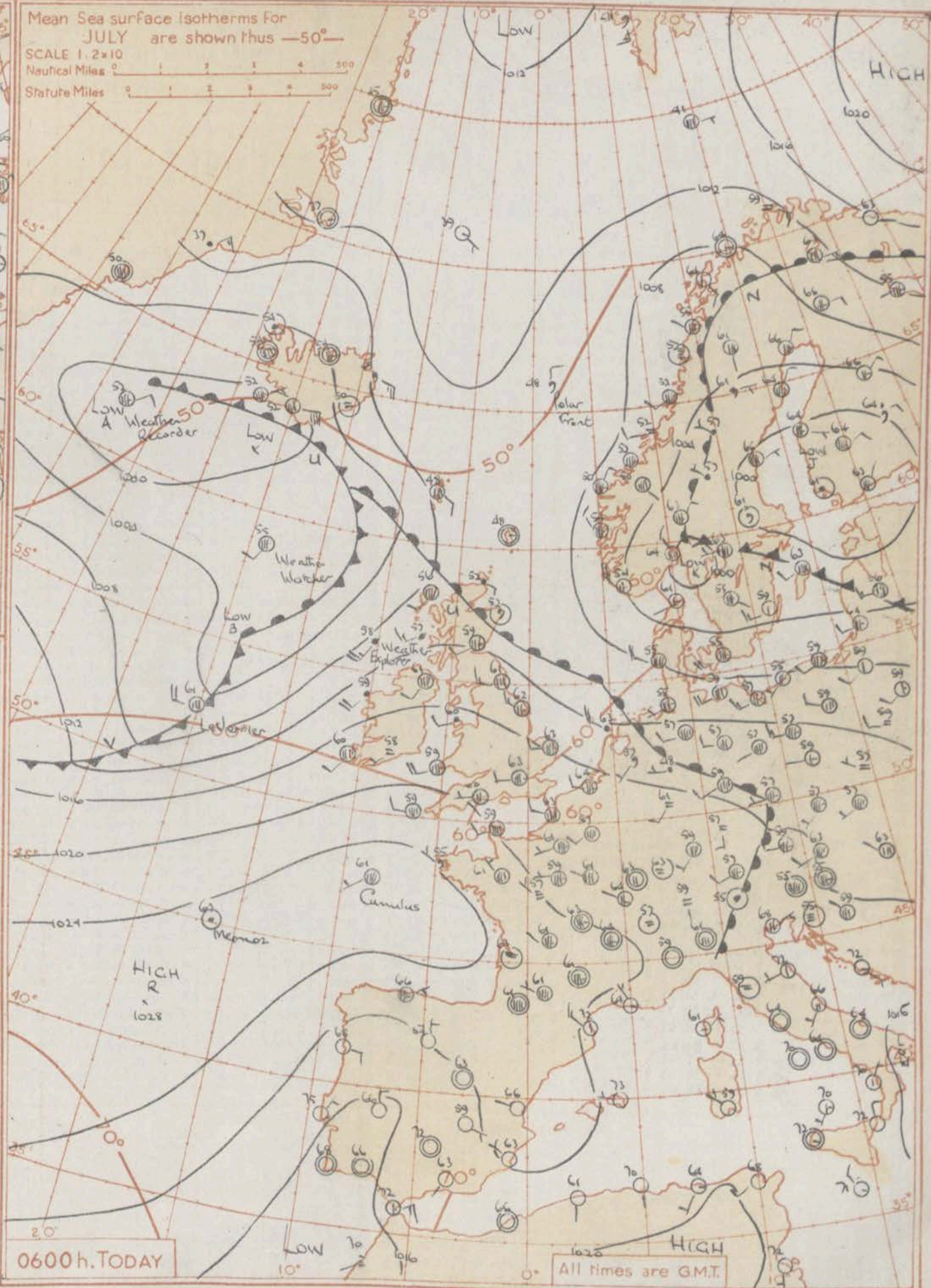
FORECAST FOR BRITISH ISLES until noon tomorrow

Mostly cloudy but in the south bright periods and rather warm. Occasional rain or drizzle in Northern Ireland and southern Scotland with more continuous rain over northern Scotland extending slowly southwards.

OUTLOOK FOR the following 24 hours

Bright periods and showers in northern and probably central districts of the British Isles. Cloudy probably with rain at times in the south.

Mean Sea surface isotherms for JULY are shown thus —50°—
SCALE 1:2x10
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



All times are GMT.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 25th July 1957																									OBSERVATIONS at 06h. G.M.T. 25th July 1957																									OBSERVATIONS during NIGHT								
Code FM 11.A	Station	Station Number	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Weather	Temp. 21h to 09h.	Temp. 21h to 09h.	Temp. 21h to 09h.	Temp. 21h to 09h.																											
			N	dd	N	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Td	a	pp	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	21h to 03h.	03h to 09h.	(53)	(54)	(55)	(56)																									
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)				
	Kew	775	*	*	*	*	*	*	65	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7	25	05	56	02	2	176	64	6	5	5	3	2	60	7	00	6	6	25	7	2	70			62	55	-	TR			
	London Airport	772	7	21	08	69	02	2	104	66	4	5	7	-	-	63	8	01	2	6	15	7	6	56	*	*	*	7	27	12	61	02	1	178	63	2	0	9	3	2	60	4	00	2	3	58	7	2	70			60	55	-	TR			
	Tangmere	874	7	31	06	68	02	2	171	65	5	6	4	-	-	61	2	01	5	7	13	4	6	56			6	29	08	61	02	2	188	63	4	6	4	3	2	54	0	00	4	7	10	6	3	65	5	0	75			61	59	-	-	
	Hurn	862	6	19	09	66	01	2	203	64	6	5	6	-	-	61	2	01	1	7	13	6	6	47			7	25	05	66	03	1	196	58	3	5	5	3	2	57	0	00	3	6	20	3	6	50	5	0	73			57	49	-	-	
	Guernsey	894	8	30	10	02	04	2	233	59	8	6	0	-	-	59	2	05	8	7	00						7	28	10	70	01	4	225	57	6	6	2	-	-	55	4	00	2	7	03	6	7	08			56	56	-	-				
	Felixstowe	697	3	26	07	58	01	2	173	65	3	5	6	0	0	63	3	01	3	6	45						6	28	14	73	01	2	161	64	6	3	6	-	-	60	6	06	6	6	45			62	60	-	-							
	Gorleston	497	3	29	02	58	01	1	164	62	3	0	9	4	0	61	7	02	3	3	60						7	27	10	60	01	2	147	63	2	5	4	7	-	-	61	5	06	4	6	18	7	3	60			61	59	-	-			
	Mildenhall	558	6	28	06	56	01	6	168	63	8	0	9	2	0	61	7	02	4	5	58						3	28	07	59	01	1	160	61	2	0	9	3	1	59	5	03	2	3	88			61	57	-	-							
	Cardington	579	8	25	02	61	01	6	180	63	8	5	6	-	-	62	8	01	8	6	32						7	25	07	56	03	6	170	61	1	6	3	5	2	59	5	02	1	7	08	7	3	59			59	58	-	2				
	West Raynham	485	6	26	08	40	03	6	162	61	6	5	7	-	-	59	7	04	6	6	50						7	27	13	61	03	6	149	61	1	6	3	3	1	58	6	04	1	7	08	3	3	62	7	0	75			60	55	-	TR	
	Wittering	462	7	26	11	58	03	2	176	63	5	5	6	3	2	60	7	02	5	6	34						6	26	09	61	03	1	163	61	6	0	9	5	1	58	6	01	1	3	58	6	3	62			58	55	-	-				
	Boscombe Down	746	4	30	06	59	03	1	201	63	3	5	6	0	1	61	2	00	3	6	45						7	29	04	66	02	2	194	60	7	5	6	-	-	58	4	00	1	7	11	7	6	38			60	57	-	-				
	Ross-on-Wye	627	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7	25	06	82	02	2	180	63	7	5	5	3	-	-	57	6	05	7	6	25			60	55	-	-					
	Bristol	628	4	23	10	63	03	1	198	63	3	5	5	-	-	61	1	01	2	7	10	3	6	25			7	24	12	58	01	2	188	62	7	5	6	-	-	59	3	01	7	6	40			61	60	-	-							
	Aberporth	502	7	20	12	74	02	2	204	61	7	5	6	-	-	58	1	04	2	6	39						7	24	20	66	03	2	188	59	7	6	4	-	-	56	6	02	1	7	15	7	6	45			58	56	-	-				
	Pembroke Dock	604	6	27	08	60	01	2	207	61	6	5	7	-	-	59	2	01	2	6	35						7	26	18	66	03	2	198	59	6	6	3	-	-	58	4	00	6	7	07	7	6	50			59	57	-	-				
	Plymouth	827	8	29	12	61	02	2	225	60	8	6	3	-	-	57	2	02	8	7	09						7	27	10	58	02	2	214	60	5	6	4	7	2	57	5	01	5	7	10	4	3	63			58	58	-	-				
	Chivenor	707	8	25	13	63	02	2	222	60	6	6	2	-	-	58	0	01	6	7	04						8	28	11	59	02	2	210	60	8	6	3	-	-	58	3	01	1	7	06	8	7	08			59	58	-	-				
	St. Mawgan	817	8	28	12	58	02	4	230	59	8	6	3	-	-	57	8	03	8	7	06						4	27	12	56	01	2	219	58	2	7	2	3	0	58	5	01	1	7	01	3	3	65			57	56	-	-				
	Culdrose	809	6	29	07	60	01	1	234	58	7	5	3	-	-	56	0	02	3	7	08						7	29	06	60	10	2	224	57	4	7	2	3	-	-	56	5	02	4	7	05	4	6	20			57	55	-	-			
	Scilly	804	7	28	10	79	01	2	237	58	7	5	3	-	-	55	0	01	7	6	07						8	27	04	74	02	2	223	59	8	5	4	-	-	57	7	03	8	6	10			57	56	-	-							
	Elmdon	534	7	25	08	58	10	6	181	62	4	5	6	-	-	61	0	00	4	6	30						7	25	10	62	02	1	171	60	4	5	5	-	-	57	5	02	4	6	20	7	6	50			59	55	-	TR				
	Shawbury	414	1	24	05	74	01	1	183	59	1	5	7	0	0	57	8	02	1	6	56						7	24	08	80	02	1	170	60	7	5	6	-	-	58	7	04	2	7	18	7	6	40			59	58	-	0.5				
	Manchester	334	8	20	09	48	02	6	173	62	3	5	6	7	-	59	7	03	3	6	30						8	27	11	40	02	5	160	60	4	7	2	-	-	58	8	05	4	7	03	7	7	05			59	58	-	0.5				
	Squires Gate	318																									8	26	15	62	02	2	158	62	4																							

No. 34945

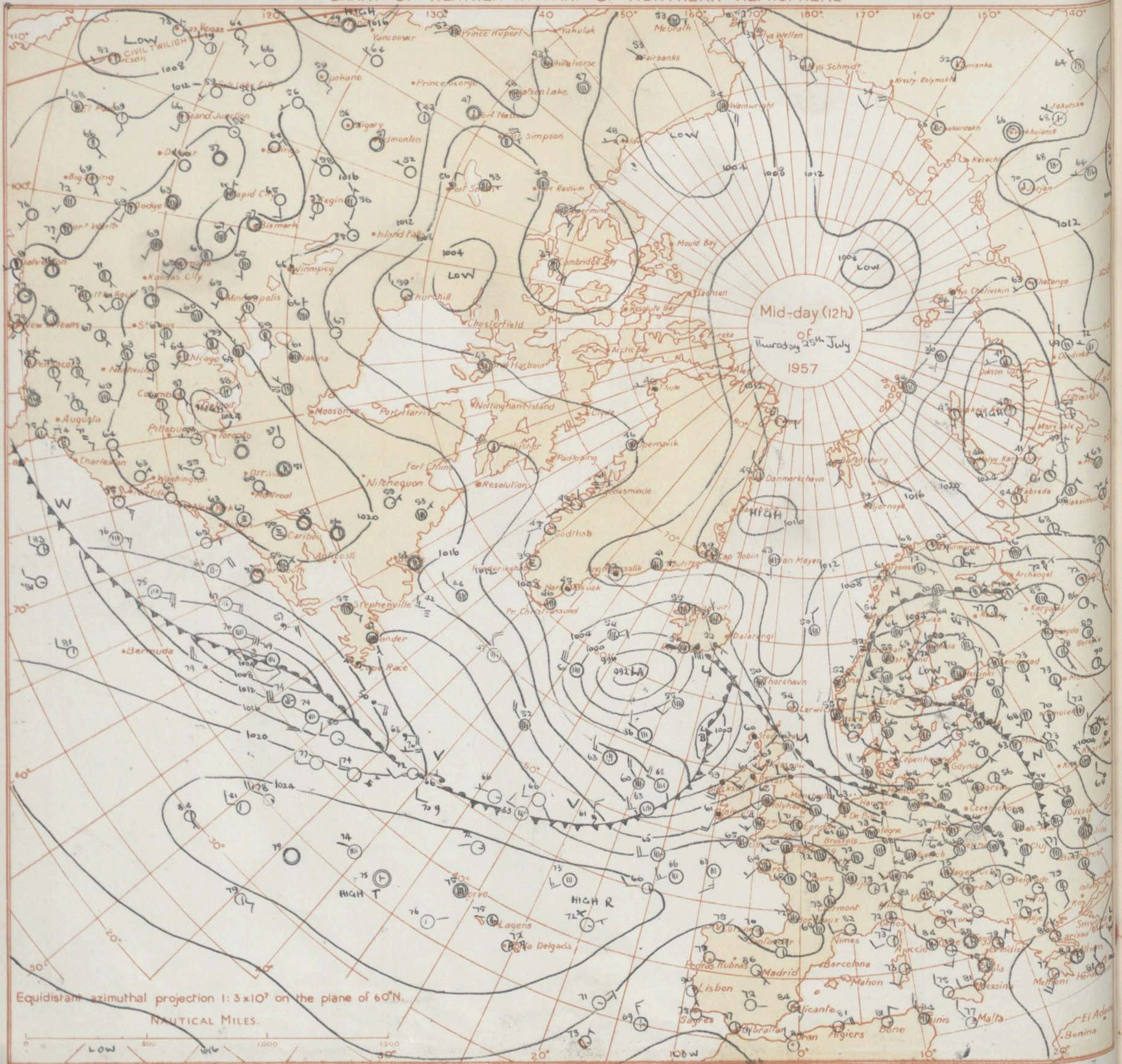
THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue... Friday 26th July 1957OBSERVATIONS at 12h. G.M.T. 25th July 1957OBSERVATIONS at 18h. G.M.T. 25th July 1957

OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T. 25th July 1957																										OBSERVATIONS at 18h. G.M.T. 25th July 1957																										OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Code F.M.11.A	Station	Station Number	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Weather	09h. to 15h. (51)	15h. to 21h. (52)	Max. Temp. 09h. to 21h. (53)	Sunshine 09h. to 21h. (54)	Rain 09h. to 21h. mm. (55)	State of ground 21h. (56)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

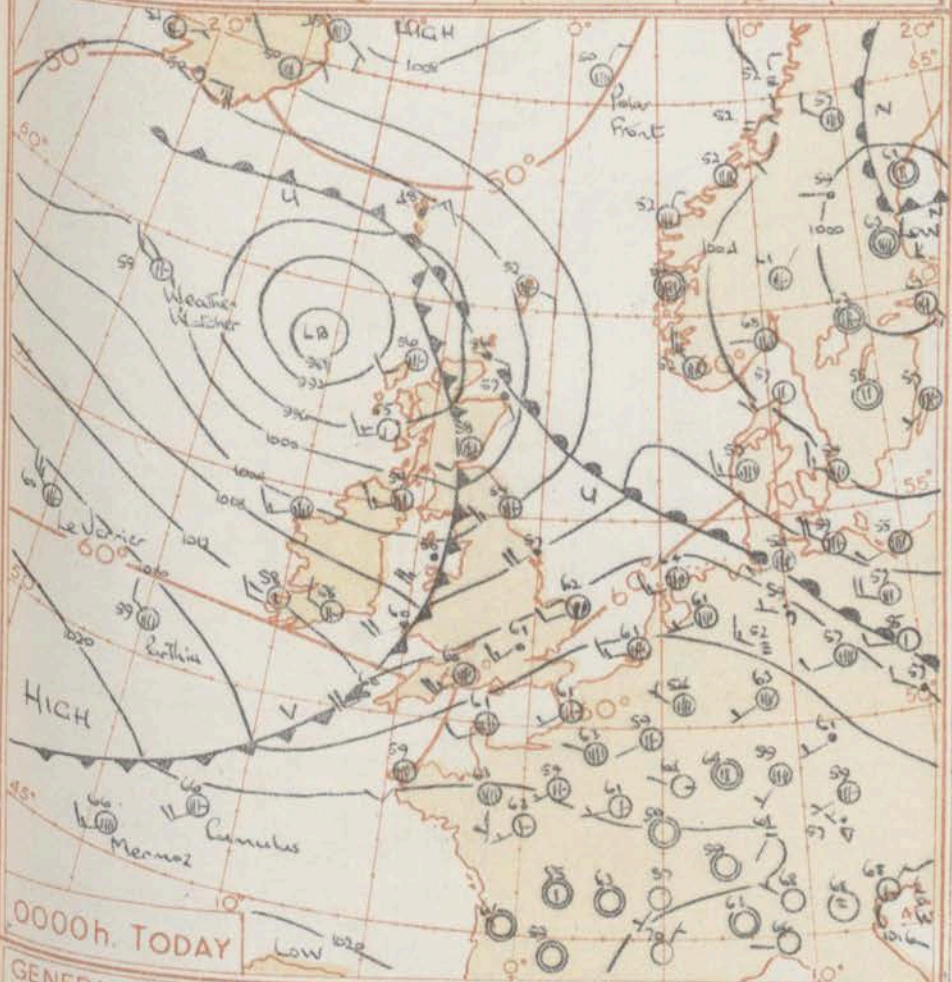
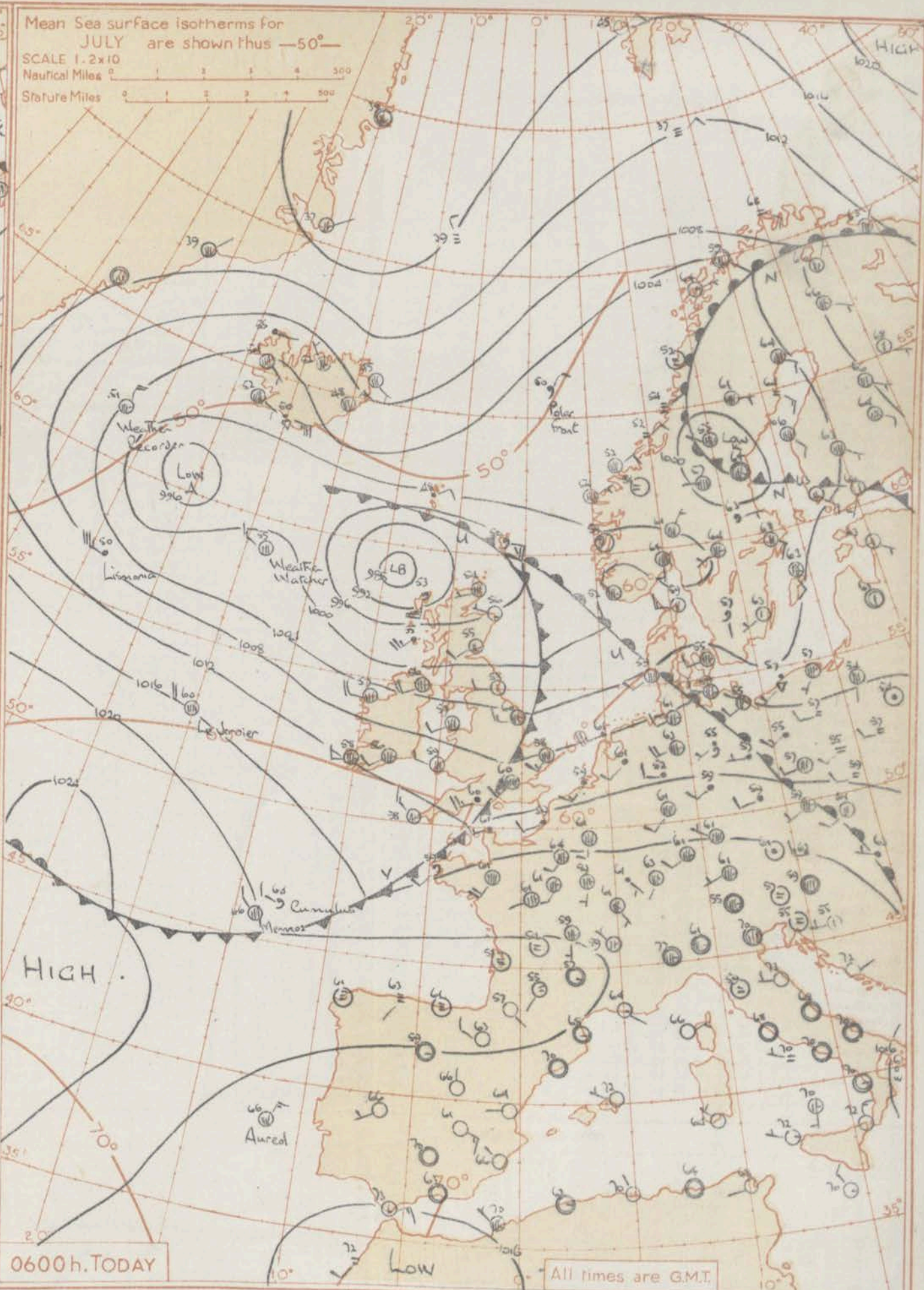
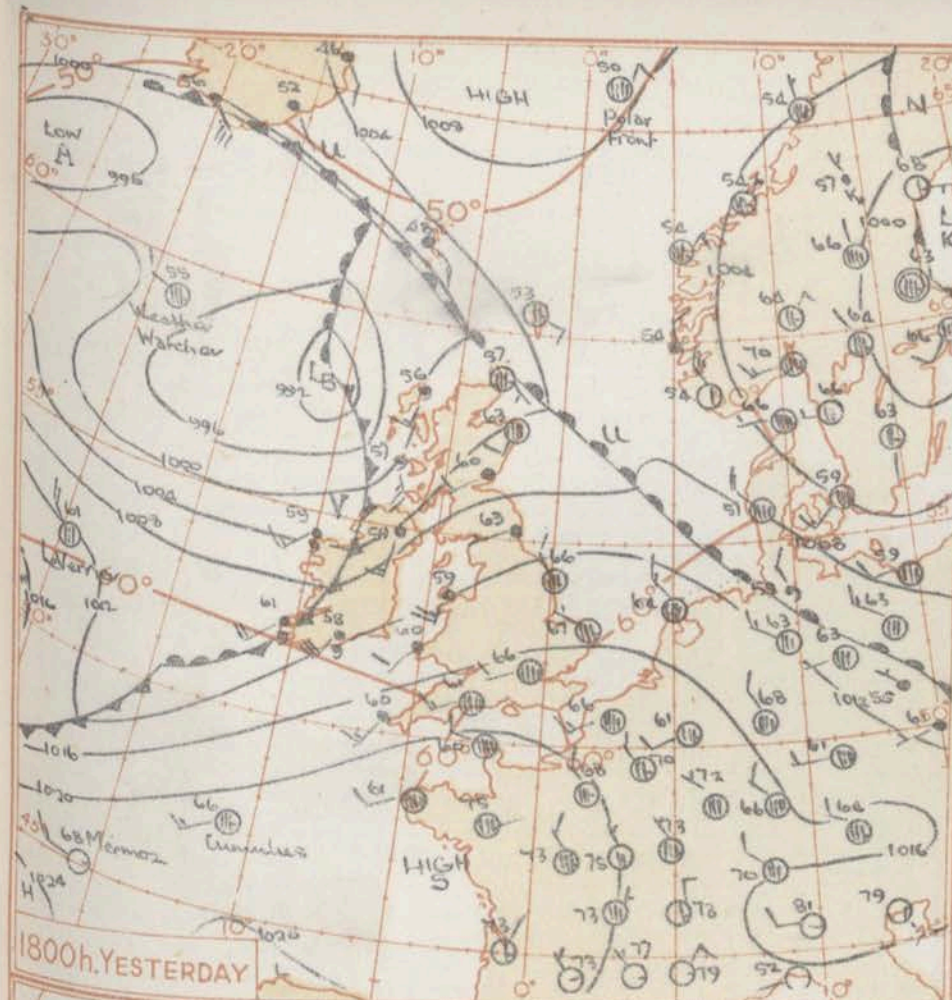


Equidistant azimuthal projection 1:3x10⁷ on the plane of 60°N.

NAUTICAL MILES.

Mean Sea surface isotherms for
JULY are shown thus —50°—

SCALE 1:2x10
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



GENERAL SYNOPSIS DEVELOPMENT

Developments between Iceland and Ireland have been more vigorous than expected over the last 24 hours. A new depression now to northwest of Scotland is expected to move east-southeast into the northern North Sea and a rather cool west-northwest airstream will become established in all districts.

Issued at midday today Friday 26th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

A belt of rain will move east-southeast across Scotland today followed by cooler weather, showers and bright periods. Over the remainder of the British Isles the weather will be mainly dry but light showers are probable in western districts and over high ground. The showers will become rather frequent later in west Scotland and Northern Ireland.

OUTLOOK FOR following 24 hours:-

Rather cool with variable cloud and some showers but showers mostly slight and scattered in the south.

All times are GMT.

LIST OF LITERATURE CITED

	Code
WEAT	
LEVI	
MED	
POL	
WEAT	
U.S.	
U.S.	
U.S.	
U.S.	
DURAR	
All	

* Information not usually received

OBSERVATIONS at 12h. G.M.T. 26th July 1957

OBSERVATIONS at 18h. G.M.T. 26th July 1957

OBSERVATIONS during DAY

Code F.M.11.A		OBSERVATIONS at 12h. G.M.T. 26 July 1957																									OBSERVATIONS at 18h. G.M.T. 26 July 1957																									OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Station	Station Number	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp		Cloud		Bar		Cloud Layers		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp		Cloud		Bar		Cloud Layers		Weather	Max Temp. 09h. to 21h.	Sunshine	Rain 09h. to 21h. mm.	State of ground 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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12h. Ships Reports

18h. Ships Reports

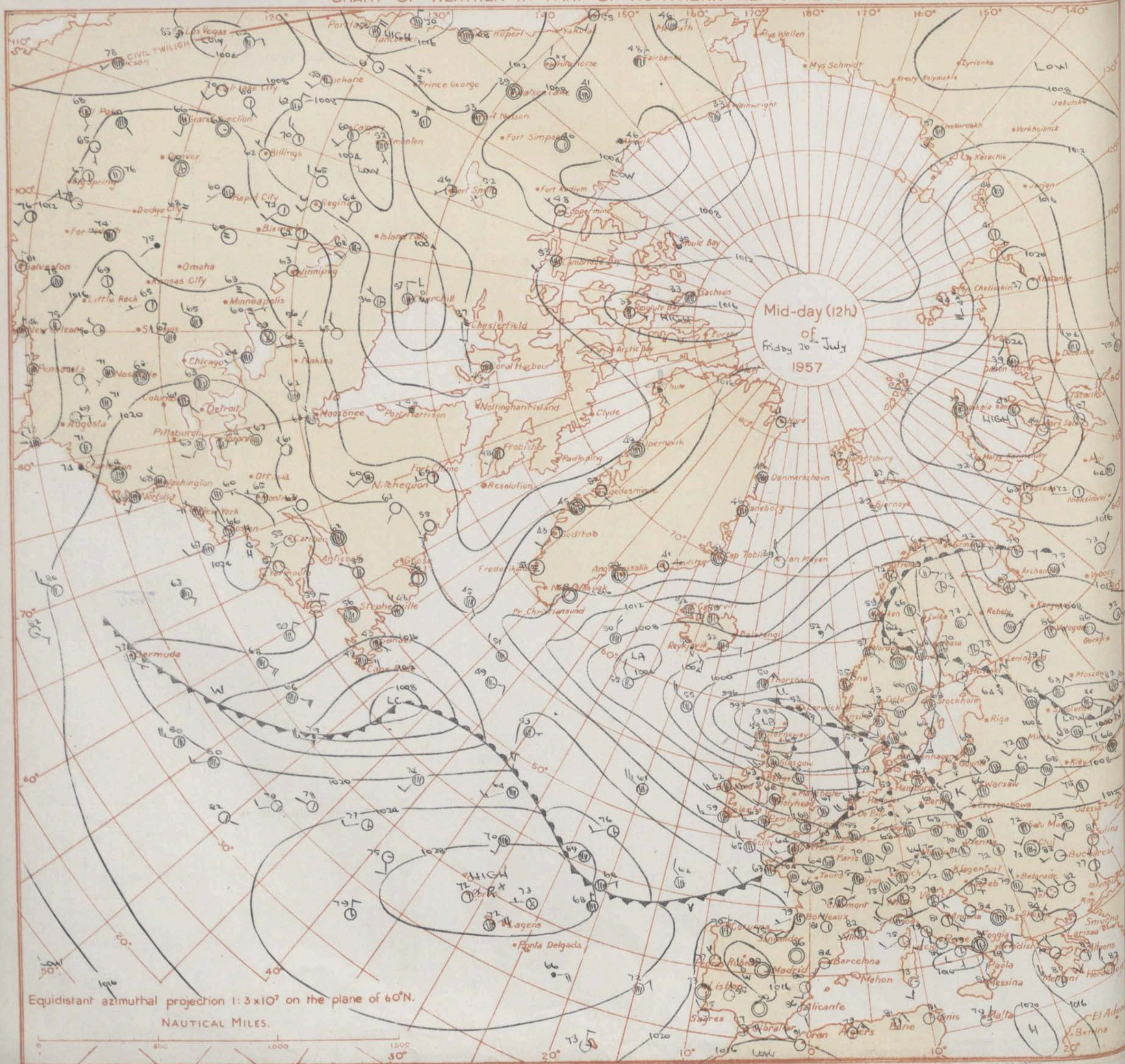
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Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course	Bar	Temp.	Waves																													
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium				High	Direction	Speed	Character c	Change in 3 hours	Sea	Dew Point	Direction	Period	Height																				
																												N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td
WEATHER WATCHER	540	184	730	19	98	03	2	016	55	3	2	5	7	-	0	0	1	03	51	49	29	3	4	WEATHER WATCHER	589	183	832	20	98	60	2	036	55	6	5	4	7	-	0	0	2	13	51	51	29	3	4
LEVERRIER	527	198	728	27	65	02	2	176	61	5	8	5	4	-	6	2	2	07	02	48	28	4	3	LE VERRIER	524	200	629	22	70	03	2	186	59	6	8	5	0	0	0	1	04	00	50	23	3	4	
MERM02	460	137	733	10	70	02	5	227	64	7	8	2	-	-	5	1	2	15	50	63	27	4	3	MERM02	458	138	830	13	75	03	2	238	64	7	5	5	-	-	6	1	1	07	52	57	30	4	3
POLAR FRONT	660	012E	805	10	93	51	5	023	92	8	6	2	-	-	0	0	7	06	50	50	49	3	2	POLAR FRONT	659	018(E)	701	11	97	28	5	012	52	7	6	2	-	-	0	0	7	08	51	50	49	2	2
WEATHER RECORDER	620	336	835	20	98	02	2	085	50	7	7	4	2	-	0	0	2	14	52	48	35	4	4	WEATHER RECORDER	620	330	835	19	98	02	5	115	52	8	8	4	-	-	8	2	1	22	50	50	36	4	4
U.S. SHIP B.	565	510	811	07	65	02	2	156	45	8	6	4	-	-	0	0	2	07	00	41	12	3	1	U.S. SHIP "C"	528	355	811	09	69	61	6	193	53	8	0	9	2	-	0	0	8	08	00	47	34	4	4
U.S. SHIP C	528	355	807	04	69	02	2	204	93	8	5	5	-	-	0	0	5	00	00	44	34	4	4	U.S. SHIP "D"	440	410	418	16	65	02	1	194	74	3	1	5	0	1	0	0	6	08	02	71	30	3	3
U.S. SHIP D	440	410	618	12	65	02	1	202	74	1	1	5	3	4	0	0	1	07	02	71	20	3	3	CLAN MACDOUGALL	431	095	010	10	99	02	0	218	66	0	0	9	0	0	4	6	4	00	-	-	-	-	-
U.S. SHIP E	340	480	220	11	69	02	0	235	79	1	2	5	0	-	0	0	2	05	01	73	24	5	6	ARAKAKA	456	157	933	09	98	02	2	242	65	9	-	0	-	-	5	3	1	10	51	63	31	2	3
DURANGO VICTORY	593	776	576	08	98	07	2	058	55	5	2	5	6	0	5	5	2	25	00	53	31	2	0	AMERICAN FLYER	465	071	832	15	99	03	1	203	64	7	5	3	-	-	6	5	3	18	51	56	26	4	4
All times of observation printed in this publication are GREENWICH MEAN TIME																																															

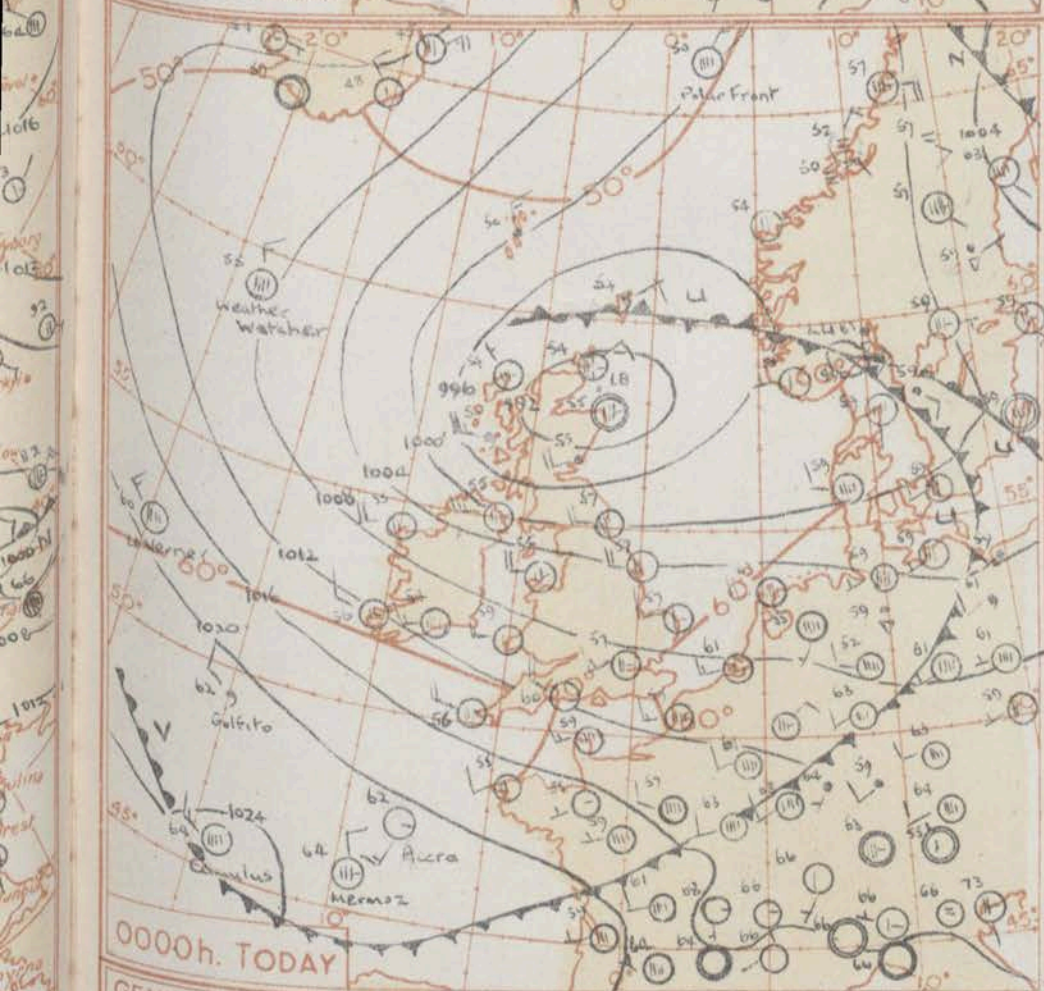
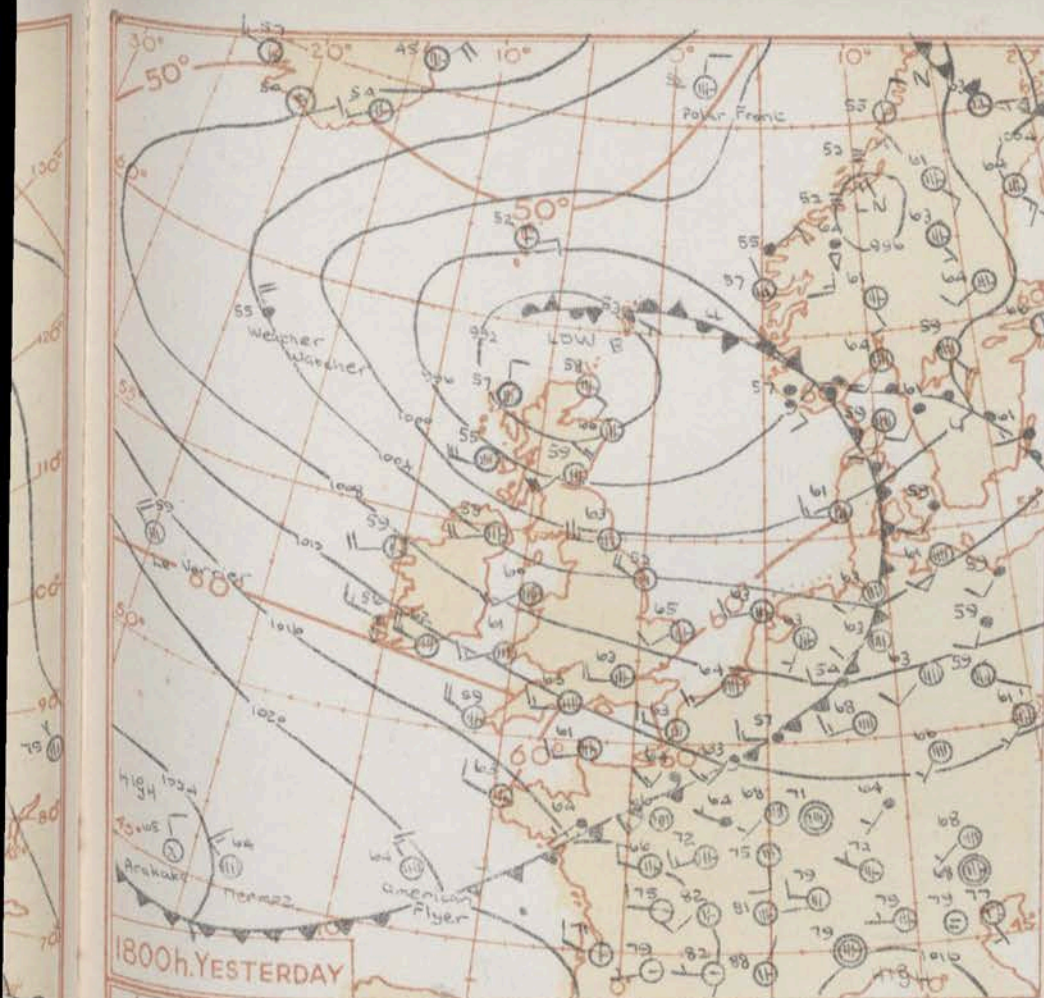
All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



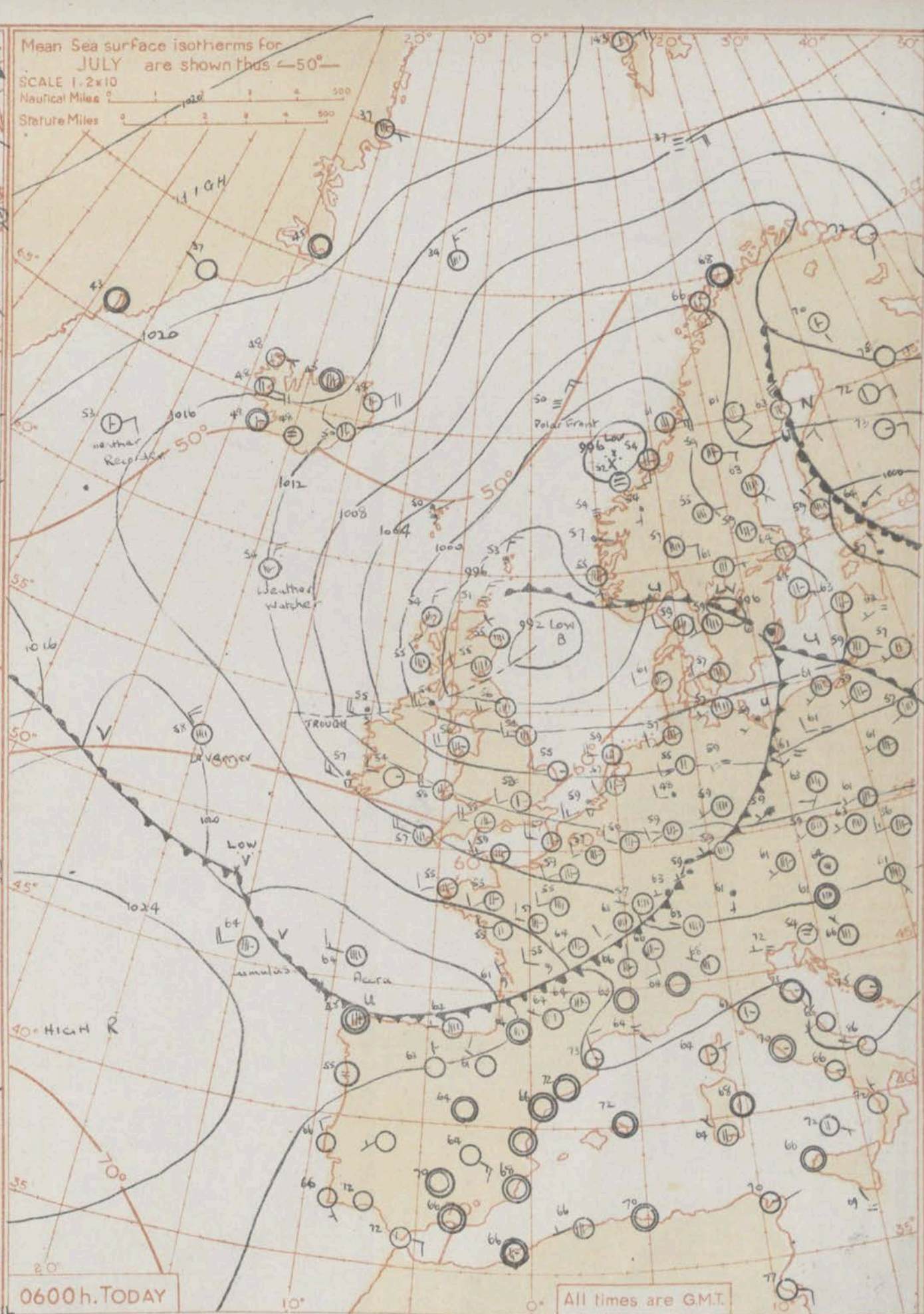


Mean Sea surface isotherms for JULY are shown thus $\angle 50^{\circ}$

SCALE 1:2x10

Nautical Miles

Statute Miles



All times are G.M.T.

GENERAL SYNOPTIC DEVELOPMENT

A small but deep depression has moved from north west Scotland into the North Sea. In the last 24 hours and a trough to the rear of this system is now swinging south east across the British Isles. This will be followed by a moist northerly air stream in all areas.

Issued at Midday

Today Saturday 27th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

The weather will be predominantly cloudy and a broad belt of showers will move southeast across England and Wales during today. Somewhat drier weather in Scotland will follow over England and Wales during the afternoon and the early part of tonight but areas exposed to northerly winds will have a little slight rain or drizzle. Temperatures mainly below normal.

OUTLOOK FOR the following 24 hours.

Bright intervals and mainly dry at first but occasional rain will probably spread from the west later in the period.

N

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* Information not usually received

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. 34947

Date of Issue: 27th July 1957

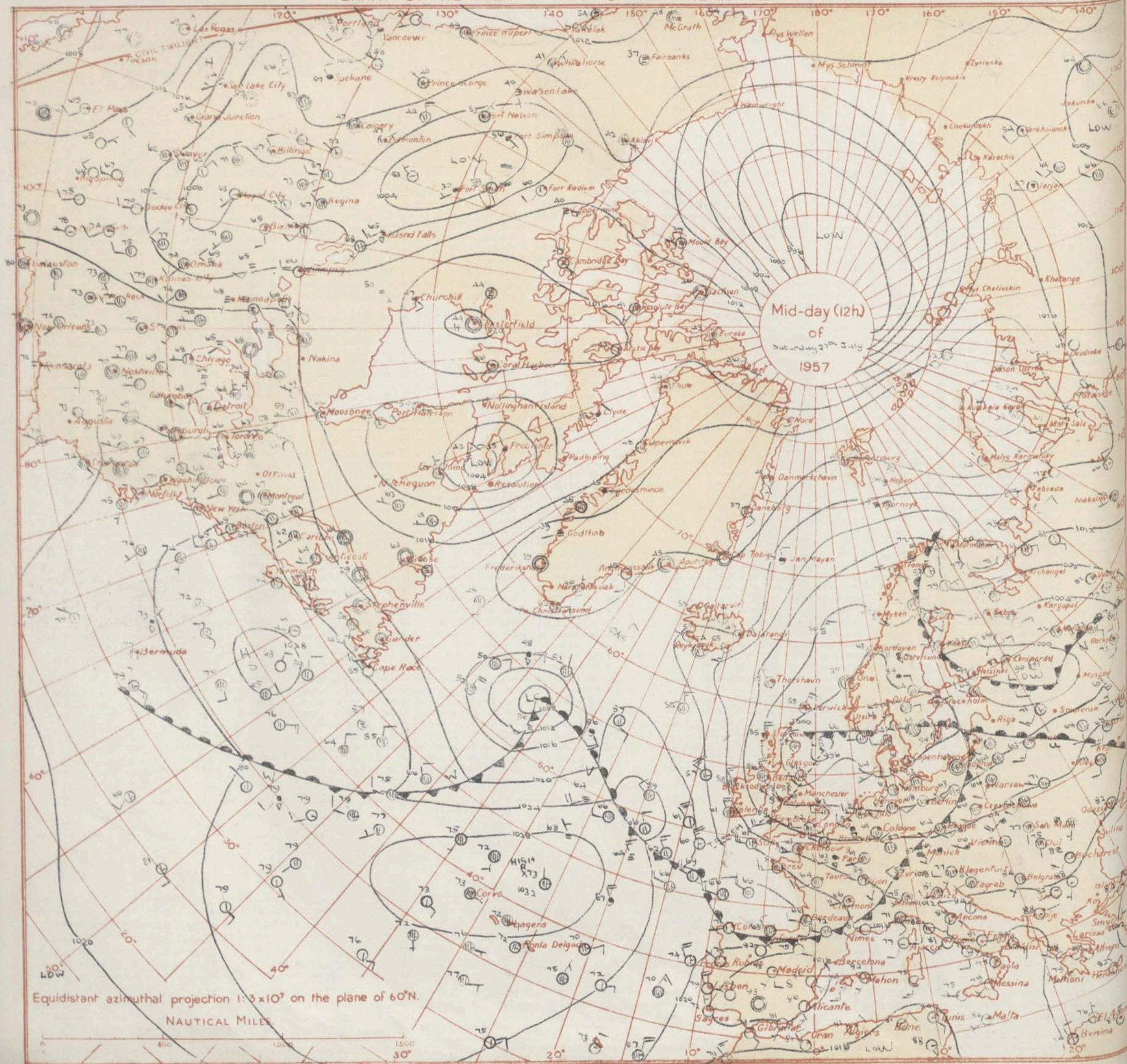
OBSERVATIONS at 12h. G.M.T. 27th July 1957

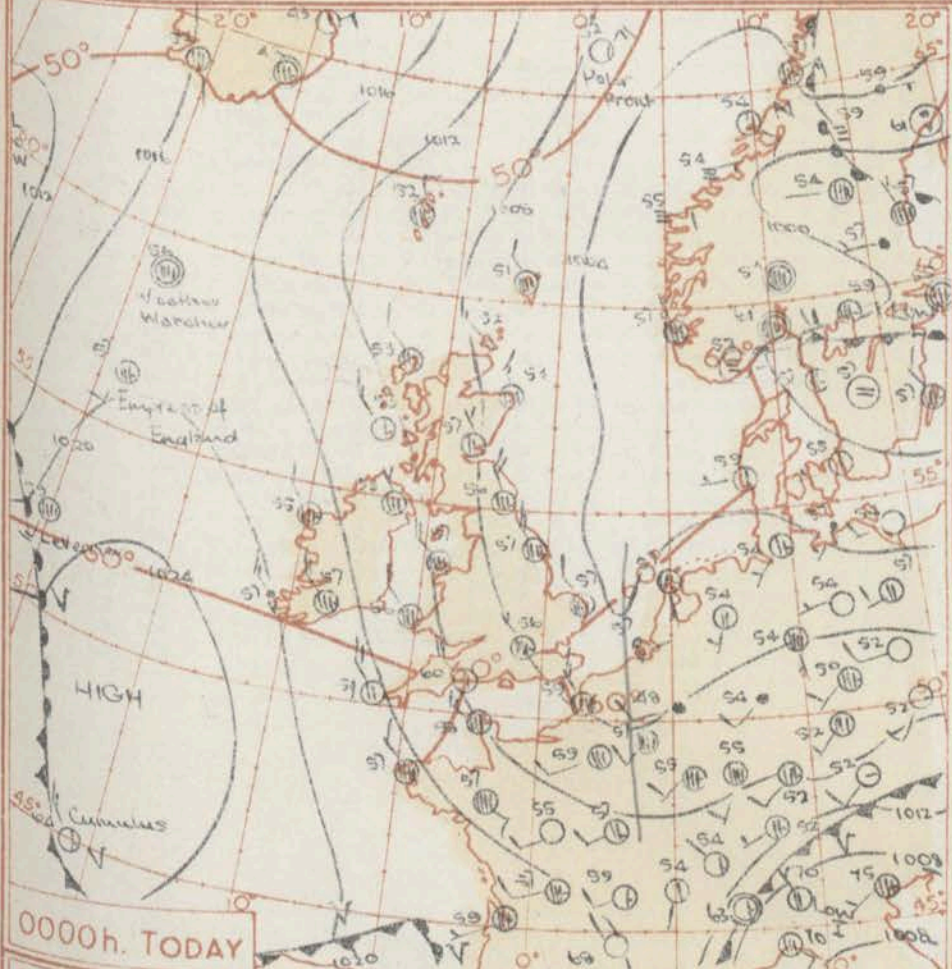
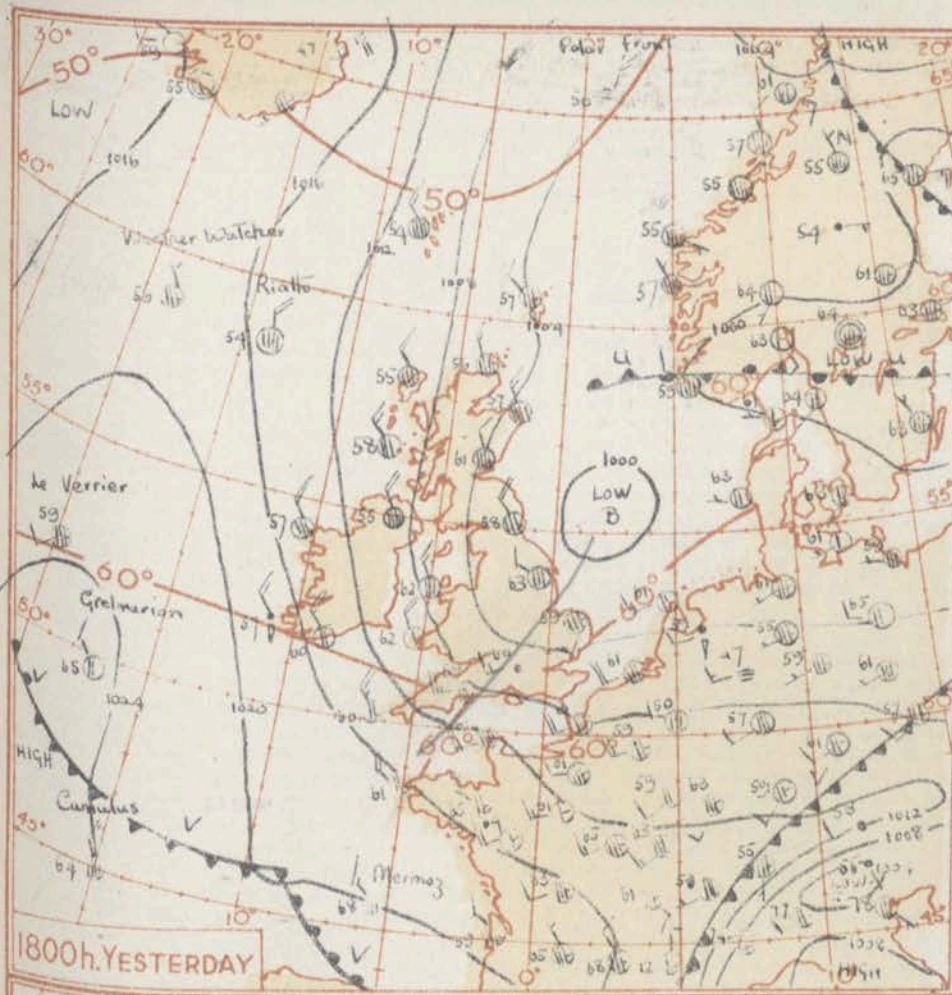
OBSERVATIONS at 18h. G.M.T. 27th July 1957

OBSERVATIONS during DAY

Code F.M.11.A	Station	Station Number	Wind										Weather										Cloud										Bar										Cloud Layers										Dew Point Temp.										Character in 3 hours										Amount										Form										Height										Wind										Weather										Cloud										Bar										Cloud Layers										Dew Point Temp.										Character in 3 hours										Amount										Form										Height										Weather										Max. Temp. 09h to 21h, F										Sunshine										Rain 09h to 21h, mm.										State of ground 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			N	dd	H	VV	ww	W	PPP	TT	Th	Cl	h	CM	CH	Td	s	pp	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPSIS DEVELOPMENT

A depression over the North Sea moved south and piled up quickly and an associated trough crossed England and Wales into northeast France. A ridge of high pressure now west of Ireland is expected to move east into England and Wales but will weaken considerably as a depression now south of Ireland moves east-southeast towards south Scotland. The associated frontal system of this depression is likely to move into England and Wales but will probably be slow moving over Scotland.

Issued at midday today Sunday 28th July 1957

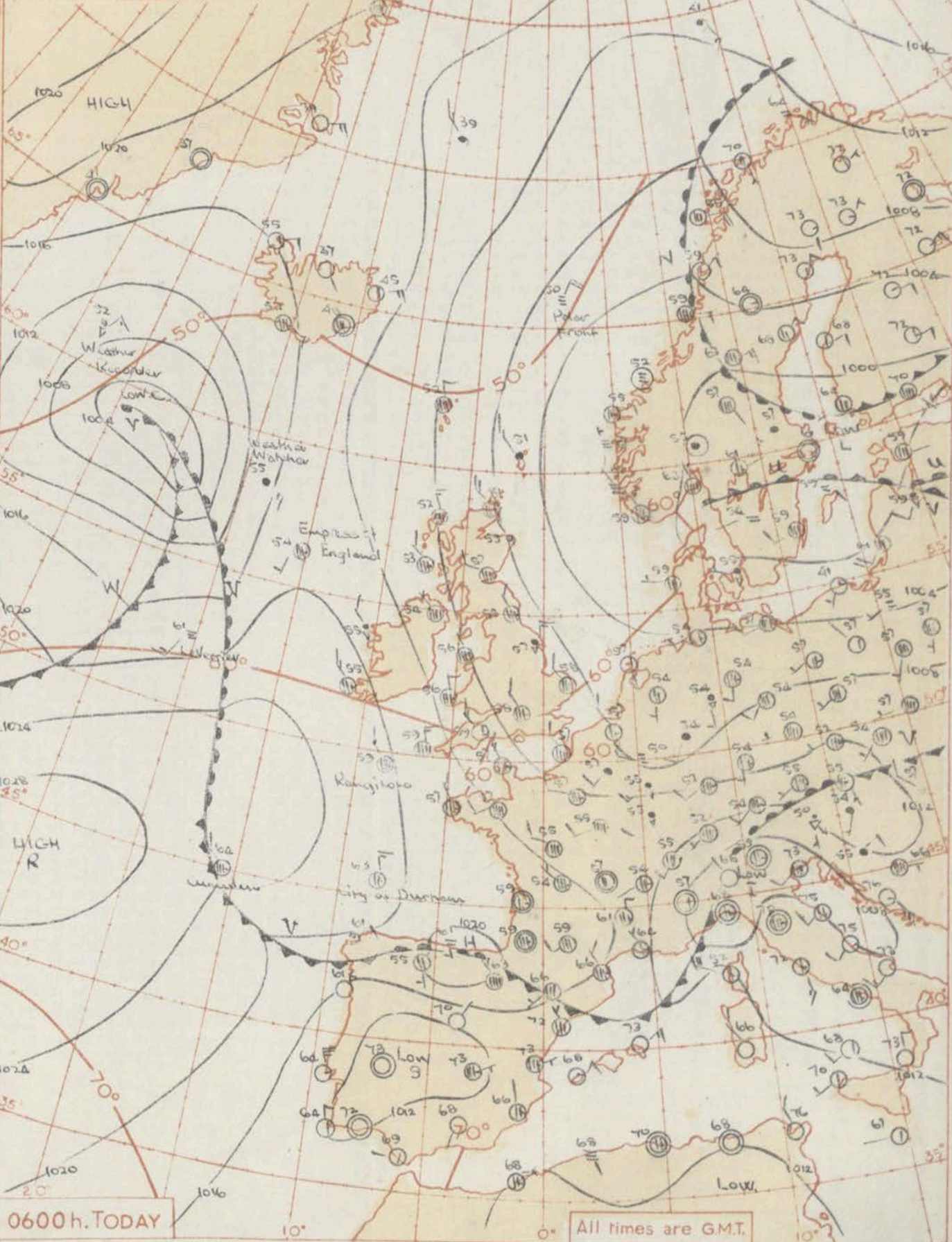
FORECAST FOR BRITISH ISLES until noon tomorrow

It will be rather cloudy at first with occasional slight rain in places and some bright periods. A rain belt will move into Northern Ireland in the evening and will be slow moving over south and west Scotland and north England later in the night and morning with occasional slight rain or drizzle in most other districts during the morning. Temperatures will be below the seasonal normal.

OUTLOOK FOR the following 24 hours

Rather cloudy with rain or showers in most districts. Temperatures remaining below normal.

Mean Sea surface isotherms for JULY are shown thus —50°—
SCALE: 1:2x10
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 28th July 1957																								
OBSERVATIONS at 06h. G.M.T. 28th July 1957																								
OBSERVATIONS during NIGHT																								
Code FM 11.A	Station	Number	Wind	Weather	Bar	Cloud	Temp	Cloud Layers	Bar	Cloud	Temp	Cloud Layers	Bar	Cloud	Temp	Cloud Layers	Bar	Cloud	Temp	Cloud Layers	Bar	Cloud	Temp	Cloud Layers
			Dir	Spd	Pres	Am	Low	High	Am	Low	High	Am	Low	High	Am	Low	High	Am	Low	High	Am	Low	High	Am
	Kew	775	30	06	80	03	8	07	56	2	5	6	3	54	2	15	2	6	40	7	3	60		
	London Airport	772	30	06	80	03	8	07	56	2	5	6	3	54	2	15	2	6	40	7	3	60		
	Tangmere	874	30	10	19	01	8	03	58	2	2	3	2	53	2	15	2	8	20	3	3	59		
	Hurn	862	30	10	19	01	8	03	58	2	2	3	2	53	2	15	2	8	20	3	3	59		
	Guernsey	894	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Felixstowe	697	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Gorleston	497	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Mildenhall	578	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Cardington	559	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	West Raynham	485	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Wittering	462	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Boscombe Down	746	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Ross-on-Wye	627	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Bristol	628	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Aberporth	502	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Pembroke Dock	604	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Plymouth	827	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Chivenor	707	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	St. Mawgan	817	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Culdrose	809	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Scilly	804	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Elmdon	534	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Shawbury	414	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Manchester	334	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Squires Gate	318	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Valley	302	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Ronaldsway	204	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Silloth	214	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Watnall	354	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Spurn Head	396	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Lindholme	362	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Dishforth	261	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Tynemouth	262	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Eskdalemuir	162	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	West Freugh	130	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Prestwick	135	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Renfrew	141	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Leuchars	171	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Dyce	091	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Wick	075	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Cape Wrath	049	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Sule Skerry	010	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Lerwick	005	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Stornoway	026	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Benbecula	022	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Tiree	100	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Aldergrove	917	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Malin Head	980	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Belmullet	976	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Birr	965	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Collinstown	969	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Rineanna	962	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Roches Point	952	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					
	Valentia	953	30	16	78	02	2	133	58	7	5	6	7	55	1	07	7	6	35					

00h. Ships Reports

Code FM 21.A	Ship	LAT.	LONG.	Wind	Weather	Bar	Temp	Waves
				Dir	Spd	Pres	Am	Dir
	WEATHER WATCHER	566	182	8	00	00	98	02
	LE VERRIER	524	201	8	19	10	58	21
	CUMULUS	452	151	3	35	16	70	02
	POLAR FRONT	659	020E	2	02	15	98	02
	WEATHER REORDER	619	322	7	06	07	98	02
	U.S. SHIP "C"	528	355	8	29	30	65	50
	U.S. SHIP "D"	440	410	8	34	10	69	02
	EMPEROR OF ENGLAND	563	189	7	20	07	99	01
	CARNDHU	582	305	9	09	09	97	60
	ACRA	410	109	8	32	12	97	03

06h. Ships Reports

Code FM 21.A	Ship	LAT.	LONG.	Wind	Weather	Bar	Temp	Waves
				Dir	Spd	Pres	Am	Dir
	WEATHER WATCHER	565	183	6	15	14	98	60
	LE VERRIER	524	200	8	22	16	02	46
	CUMULUS	451	154	7	33	10	75	03
	POLAR FRONT	658	019E	9	01	21	91	45
	WEATHER REORDER	619	334	8	04	15	98	80
	U.S. SHIP "C"	528	355	5	27	15	69	01
	U.S. SHIP "D"	440	410	8	34	11	69	02
	RANGITOTO	494	082	8	34	18	99	02
	EMPEROR OF ENGLAND	562	150	7	20	05	99	18
	CITY OF DURHAM	453	080	5	30	13	98	03

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* Information not usually received.

H.M.S.O. Press, M.O. Dunstable

OBSERVATIONS at 12h. G.M.T.

OBSERVATIONS at 18h. G.M.T. 28th July, 1957

OBSERVATIONS during DAY

Code F.M.11.A			Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Dew Point Temp.		Bar		Cloud Layers		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Dew Point Temp.		Bar		Cloud Layers		Weather		Max. Temp. 09h. to 21h.		Sunshine		Rain 09h. to 21h. mm.		State of sky at 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Station	Station Number	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amo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12h. Ships Reports

18h. Ships Reports

Code F.M. 21.A	12h. Ships Reports																				18h. Ships Reports																																																																																																																																																																																																																																																																																			
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves				Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves																																																																																																																																																																																																																																																																
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WEATHER WATCHER	586	184	8	14	25	96	58	6	113	55	7	6	2	1	0	0	7	23	52	52	14	3	3	LE VERRIER	526	196	7	28	22	65	03	2	152	59	7	5	2	1	0	0	4	00	00	54	24	5	3	WEATHER WATCHER	587	186	8	19	15	96	56	5	061	57	3	7	2	2	1	0	0	7	16	00	56	16	3	3	POLAR FRONT	658	010(E)	6	01	17	98	01	2	098	52	2	6	3	2	1	0	0	7	03	51	50	01	3	4	CUMULUS	452	101	5	23	10	75	42	5	245	66	3	8	5	5	2	6	1	7	06	51	64	-	-	-	WEATHER REORDER	618	332	8	25	17	98	61	6	080	53	8	7	3	1	1	1	2	7	08	50	56	49	-	3	U.S. SHIP "C"	528	355	8	27	18	69	02	2	233	53	8	8	4	1	1	0	0	1	03	00	48	27	4	5	U.S. SHIP "D"	440	410	8	02	10	69	02	2	270	64	8	5	5	1	1	0	0	7	08	56	53	01	2	3	U.S. SHIP "E"	565	510	8	11	09	58	51	6	190	46	8	6	2	1	1	0	0	4	00	01	44	12	2	1	SUSSEX	350	480	2	25	08	69	02	0	252	79	2	2	5	0	1	0	0	1	03	00	24	28	2	2	NOVA SCOTIA	513	101	7	27	05	98	03	0	190	59	7	5	7	1	1	0	5	1	03	00	57	27	2	AMERICAN FLOWER	465	247	8	31	05	98	02	3	257	69	7	4	5	6	1	6	5	1	03	00	64	20	5	5
All times of observation printed in this column.																																																																																																																																																																																																																																																																																																								

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

* Information not usually received.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

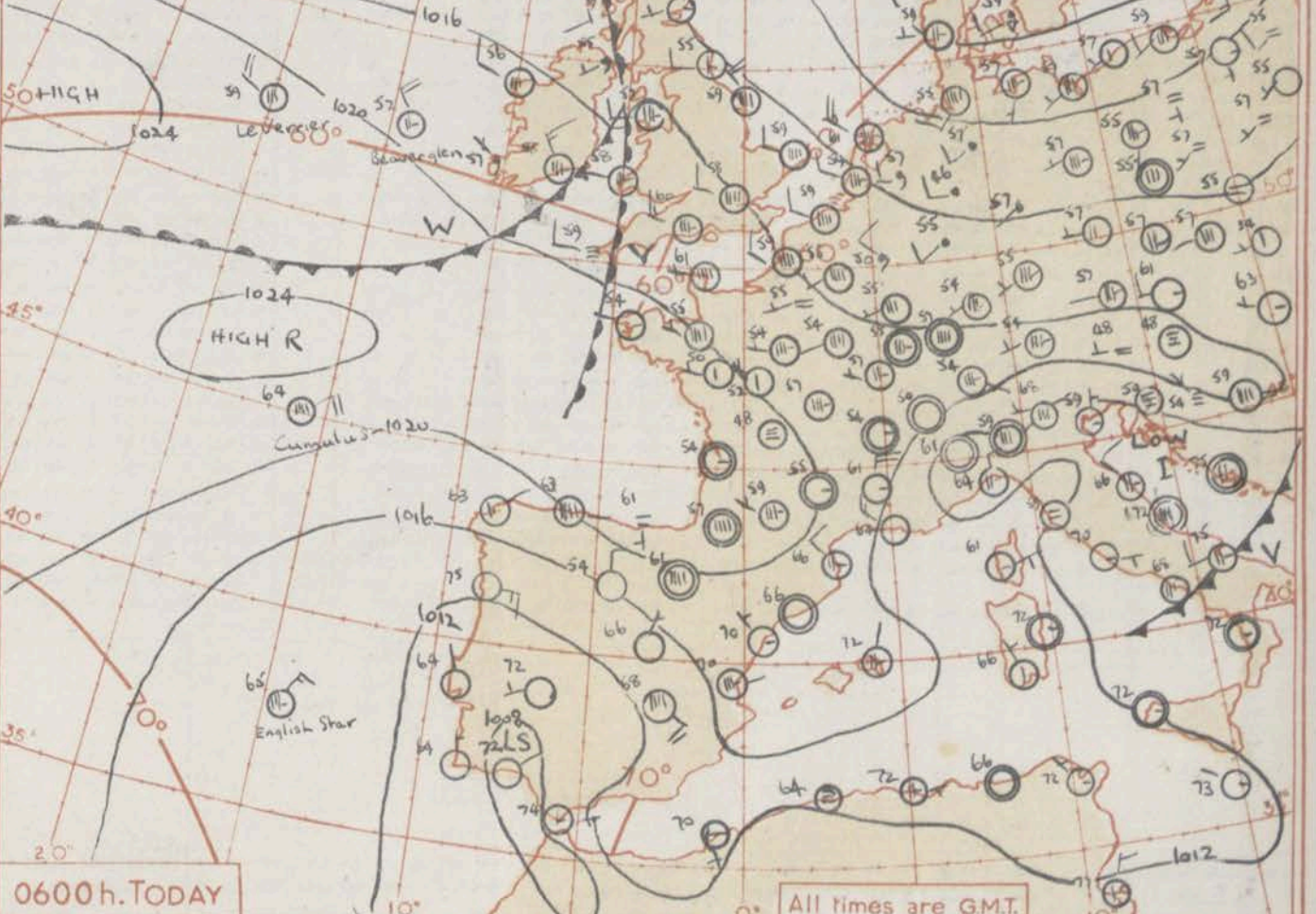
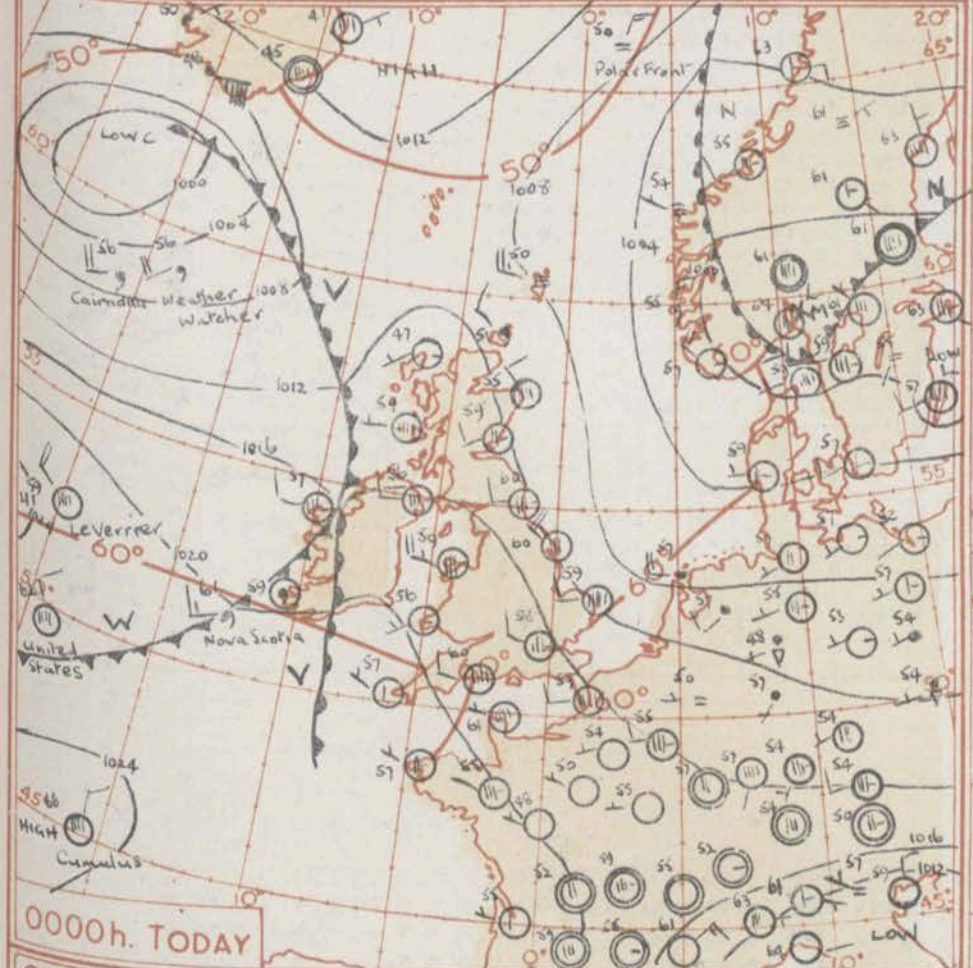
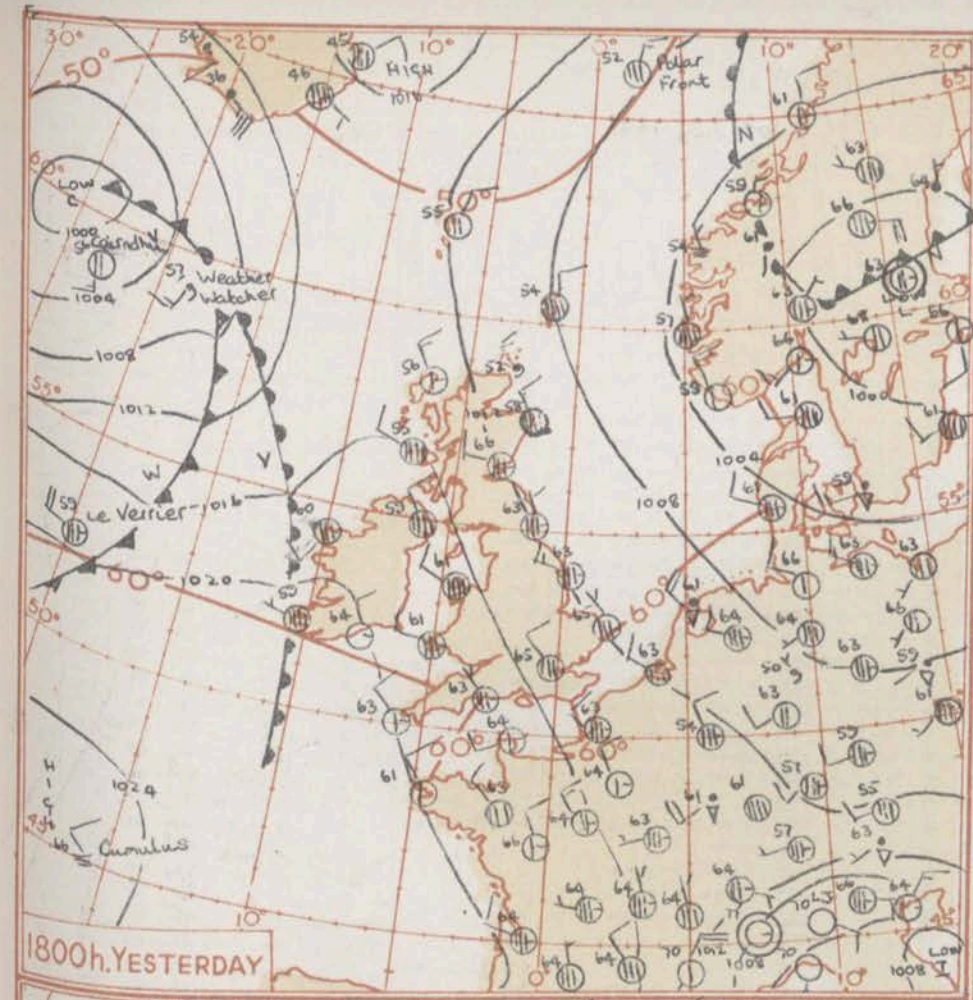
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Equidistant azimuthal projection 1:3x10⁷ on the plane of 60°N.

LOW NAUTICAL MILES.

Mean Sea surface isotherms for JULY are shown thus —50°—
 SCALE 1:2x10
 Nautical Miles 0 1 2 3 4 500
 Statute Miles 0 1 2 3 4 500



All times are GMT.

GENERAL SYNOPSIS DEVELOPMENT

A weakening ridge of high pressure moved into the British Isles and is expected to continue weakening as a feeble trough now in western districts moves south east across England and Wales, followed slowly by another ridge.

Issued at Midday today Monday 29th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

It will be mostly rather cloudy with occasional slight drizzle but some bright periods are likely in Northern Ireland. Temperatures will be generally below the seasonal normal.

OUTLOOK FOR the following 24 hours.

Probably mainly dry but occasional showers in the north, and some drizzle at times in the south west. Temperatures near normal.

No. 7

OBSERVATIONS during NIGHT

Code F	
Sta	

06h. Ships Reports

Code

* Information not usually received.

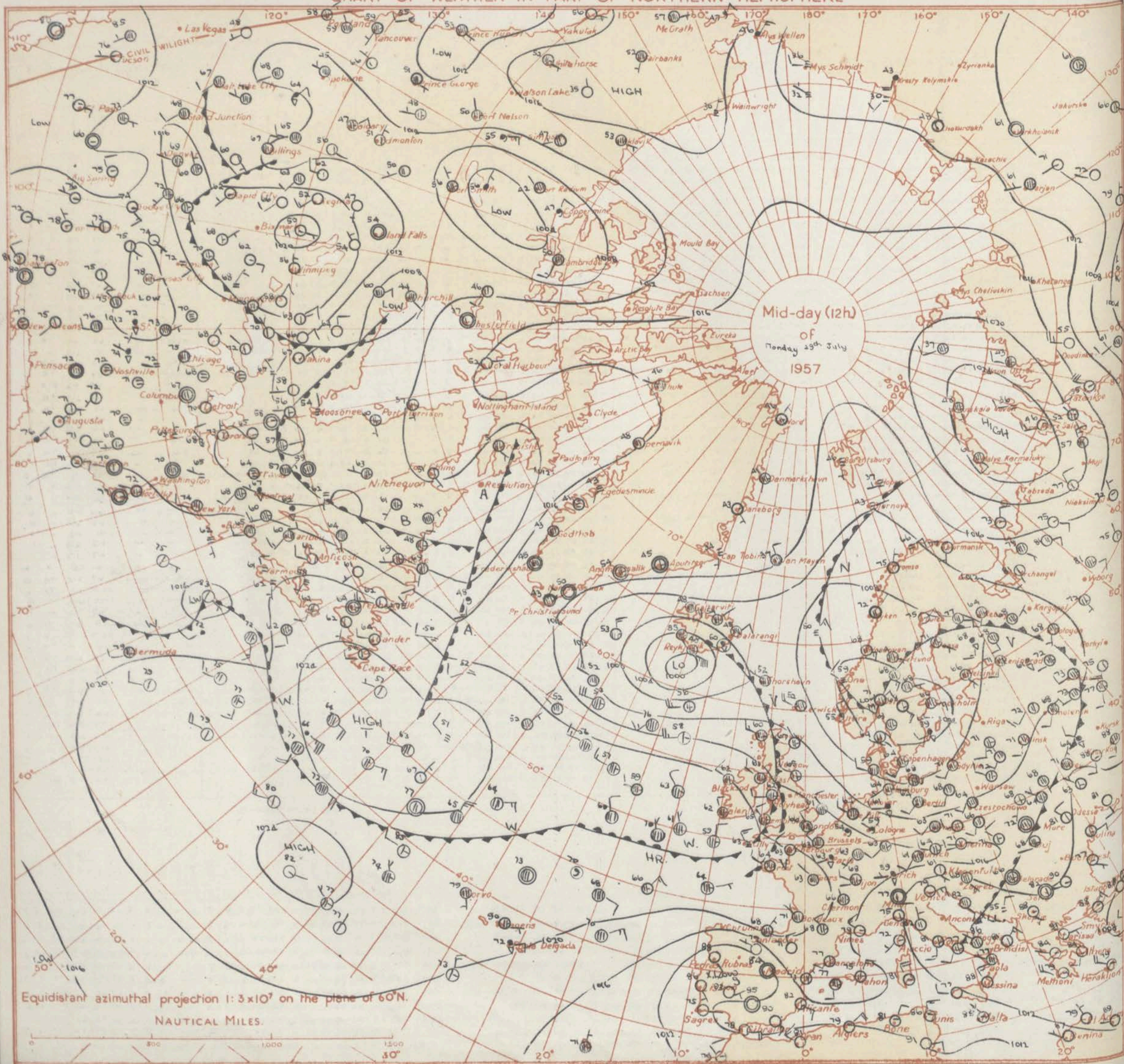
THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. 34949

Date of Issue... Tuesday, 30th July, 1957

OBSERVATIONS at 12h. G.M.T. 29th July 1957																									OBSERVATIONS at 18h. G.M.T. 29th July 1957																									OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Character c	Change in 3 hours	Cloud Layers										Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.		Cloud				Dew Point Temp.	Character c	Change in 3 hours	Cloud Layers										Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.		Cloud				Dew Point Temp.	Character c	Change in 3 hours	Cloud Layers										Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.		Cloud				Dew Point Temp.	Character c	Change in 3 hours	Cloud Layers										Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.		Cloud				Dew Point Temp.	Character c	Change in 3 hours	Cloud Layers										Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.		Cloud				Dew Point Temp.	Character c	Change in 3 hours	Cloud Layers										Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.		Cloud				Dew Point Temp.	Character c	Change in 3 hours	Cloud Layers										Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.		Cloud				Dew Point Temp.	Character c	Change in 3 hours	Cloud Layers										Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.		Cloud				Dew Point Temp.	Character c	Change in 3 hours	Cloud Layers										Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.		Cloud				Dew Point Temp.	Character c	Change in 3 hours	Cloud Layers										Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.		Cloud				Dew Point Temp.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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GENER

2016

followed

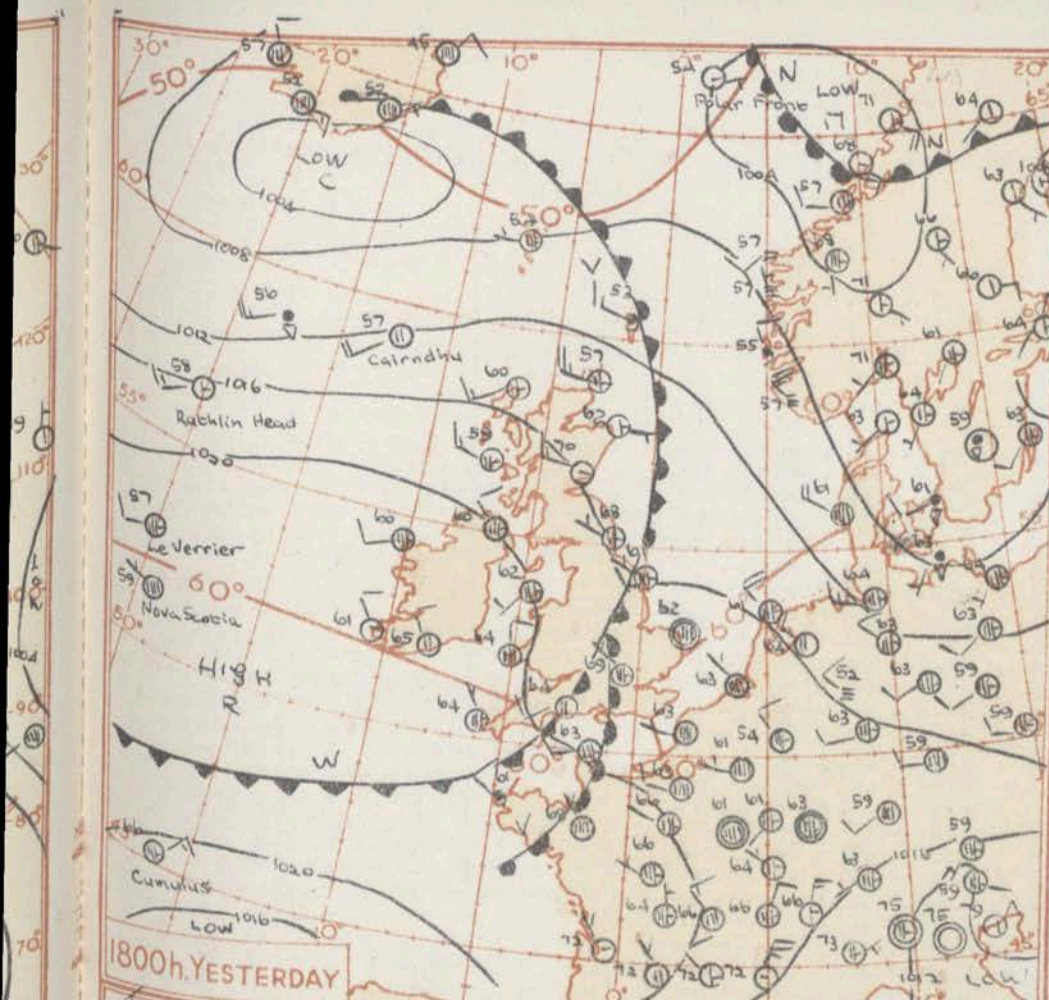
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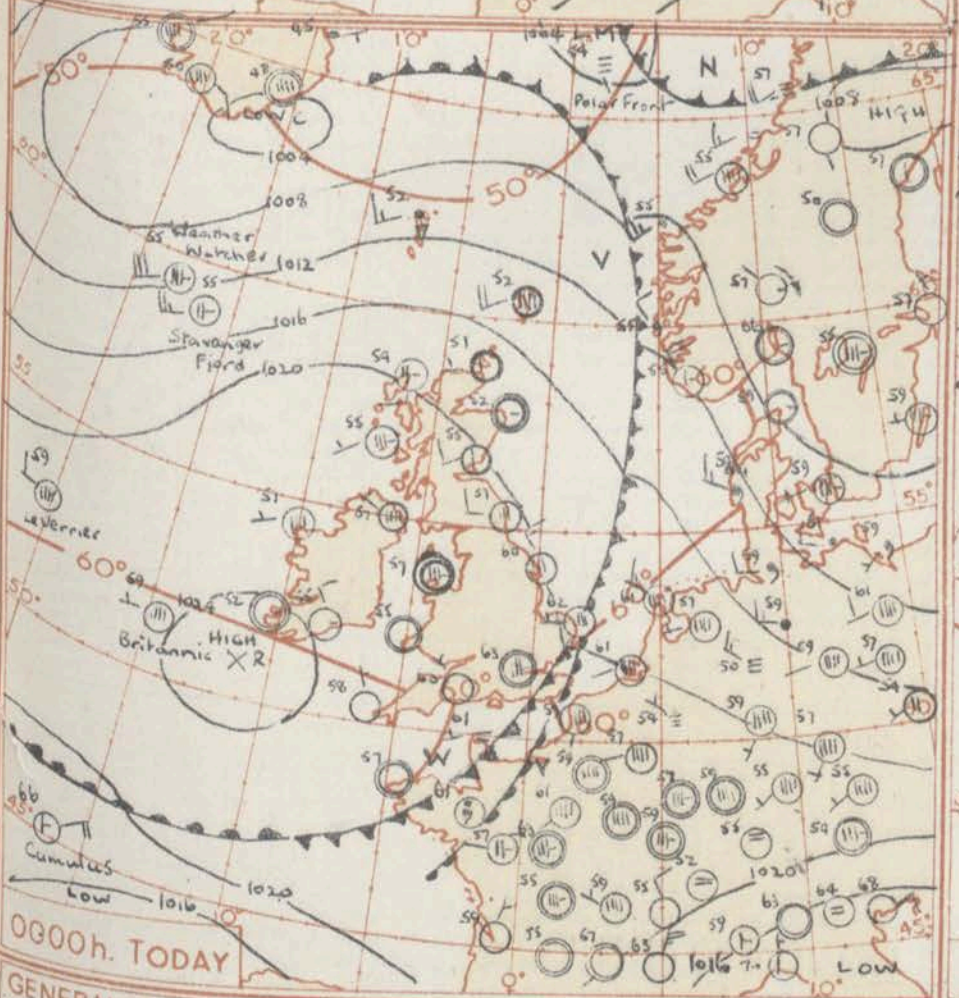


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1990



1800h. YESTERDAY



0600h. TODAY

GENERAL SYNOPSIS DEVELOPMENT

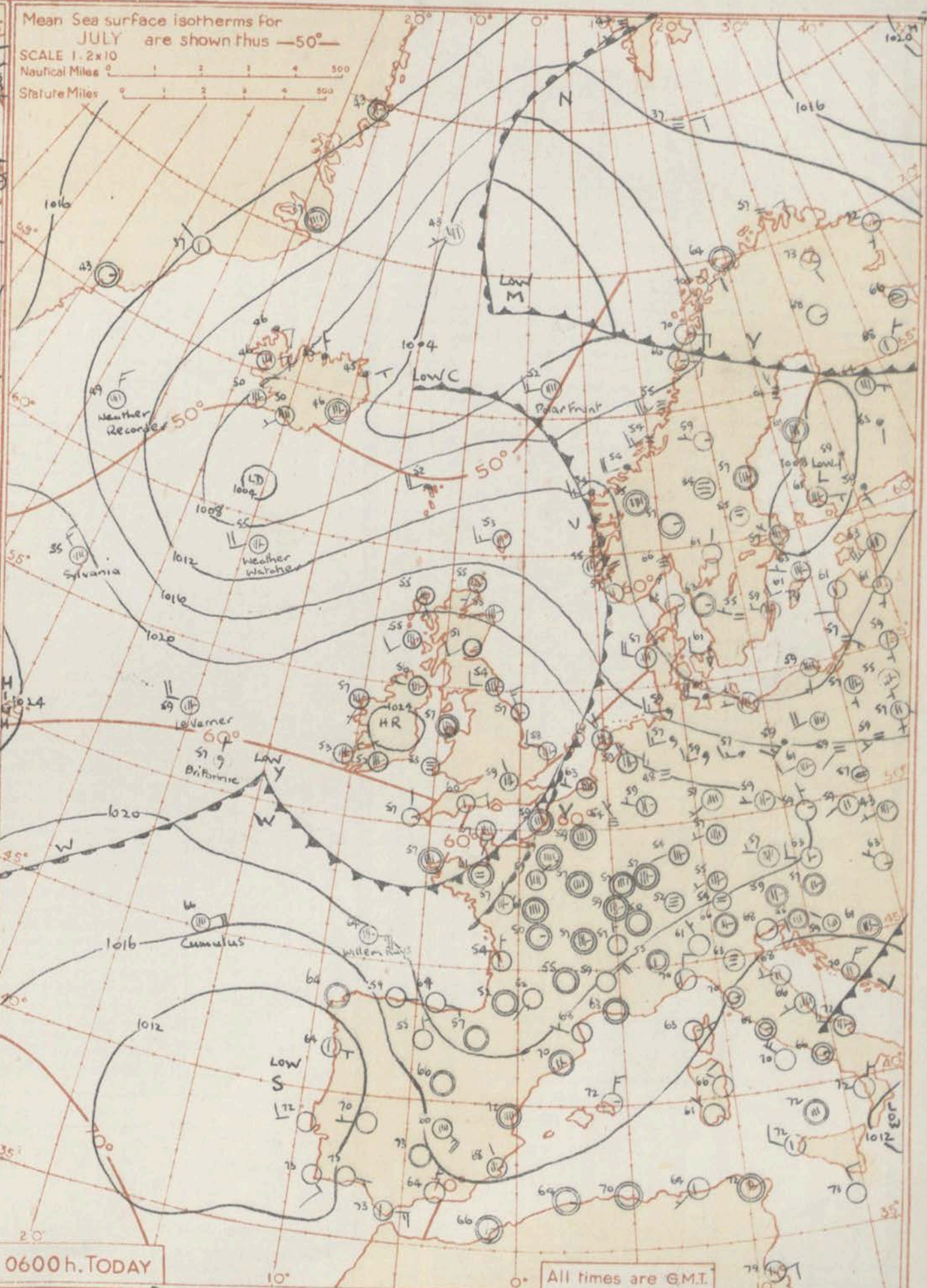
A weak frontal system which was over western districts of the British Isles yesterday morning moved eastward to clear all districts by about midnight and has been followed by a ridge. This will intensify as it moves eastwards and will be followed by a shallow trough which will be over western districts by tomorrow morning.

Mean Sea surface isotherms for JULY are shown thus —50—

SCALE 1:2x10

Nautical Miles

Statute Miles



0600h. TODAY

All times are G.M.T.

Issued at Midday today Tuesday 30th July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

In north and west Scotland and Northern Ireland there will be sunny intervals and scattered showers with near normal temperatures. Elsewhere it will be rather warm with good sunny intervals though a little drizzle may occur in south west districts tomorrow.

OUTLOOK FOR the following 24 hours.
Mostly dry and rather warm.

OF THE METEOROLOGICAL OFFICE, LONDON

00h. Ships Reports																								06h. Ships Reports																															
Code FM 21.A		LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course	Bar	Temp.	Waves	Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course	Bar	Temp.	Direction																		
Ship	Direction				Speed	Visibility	Present	Past			Amount	Low	Height	Medium									High	Direction	Speed	Character			Change in 3 hours	Sea	Dew Point	Direction	Period					Height	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction
Lat	Lon	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	s	pp	Ts	Td	dwdw	Pw	Hw	Lat	Lon	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	s	pp	Ts	Td	dwdw	Pw	Hw								
WEATHER WATCHER	589	178	7	24	80	98	02	2	097	53	7	5	5	-	-	0	0	3	03	51	50	24	4	8	WEATHER WATCHER	589	182	7	24	20	98	02	2	084	55	6	5	4	7	-	0	0	6	06	50	52	30	24							
LEVERRIER	927	202	8	21	10	62	02	2	236	59	6	8	5	7	-	0	0	2	04	00	52	33	4	4	LEVERRIER	526	200	7	27	20	69	02	2	230	59	5	8	5	4	-	0	0	4	00	50	52	24	09							
CUMULUS	451	165	3	05	22	70	01	3	184	66	3	9	4	0	0	0	0	8	05	02	61	05	4	4	CUMULUS	450	166	8	07	20	70	03	1	163	66	3	8	4	-	0	0	6	03	52	59	09	49								
POLAR FRONT	662	018E	8	17	01	92	45	4	033	54	8	6	2	4	-	0	0	2	06	01	54	49	2	2	POLAR FRONT	660	010E	8	25	15	98	02	8	054	52	8	8	4	-	0	0	2	13	52	50	36	49								
WEATHER RECORDER	620	330	8	32	18	98	02	2	139	50	8	4	4	-	-	0	0	2	12	00	43	14	5	2	WEATHER RECORDER	619	337	8	34	15	98	03	2	151	40	8	5	5	-	0	0	0	01	52	41	36	24								
U.S. SHIP "C"	528	355	8	21	07	63	02	2	235	51	8	5	4	-	-	0	0	3	07	55	59	02	2	2	U.S. SHIP "C"	528	355	8	25	05	69	02	2	244	53	8	5	4	-	0	0	6	05	55	59	33	33								
U.S. SHIP "D"	440	410	0	05	04	69	00	0	269	67	0	0	9	0	0	0	0	3	07	55	59	02	2	2	U.S. SHIP "D"	440	410	0	04	05	x	x	0	258	67	0	0	9	0	0	0	0	0	0	0	08	08								
BRITANNIC	511	146	8	27	05	98	02	2	226	59	8	5	4	-	-	6	6	1	05	01	51	x	x	x	BRITANNIC	509	078	7	03	24	98	02	1	167	64	7	5	4	0	0	1	7	2	05	51	59	x	x							
STANAGNE FJORD	587	165	5	26	24	98	02	2	120	55	5	5	5	-	-	2	6	4	00	52	x	25	x	6	BRITANNIC	509	173	8	36	05	37	51	5	215	57	8	7	3	-	-	6	6	05	53	53	x	x								
HOMERIC	535	307	9	27	16	98	02	1	210	54	9	4	5	0	0	6	7	4	00	00	47	27	3	3	SILVANIA	531	301	8	31	13	98	02	2	206	55	8	5	5	-	-	2	7	8	02	01	44	x	x							

For use only by schools and colleges, see Form 2452.

* Information not usually received

* Information not usually received

H.M.S.O. Press, M.O. D.

Date of Issue: Wednesday 31st July 1957

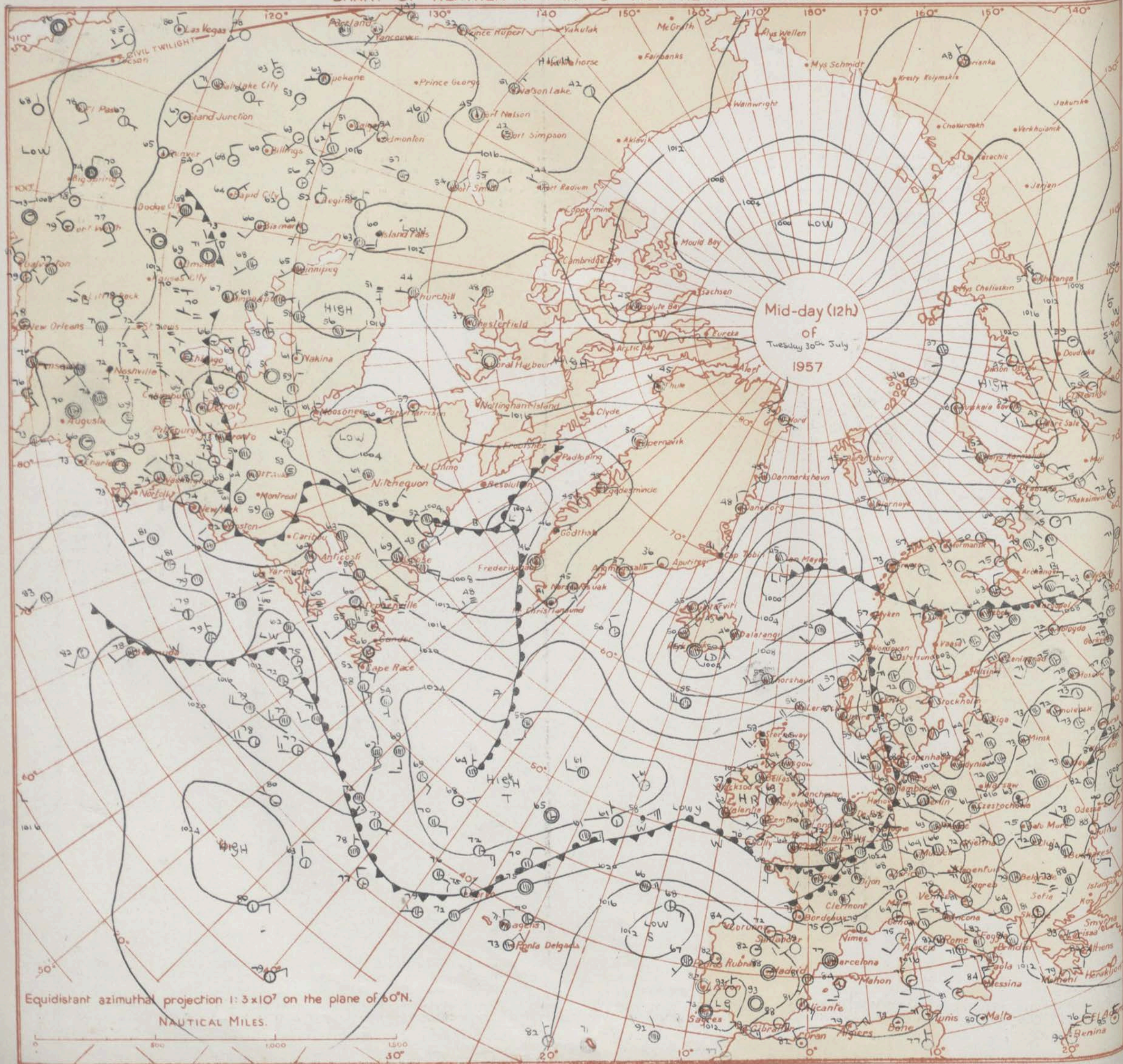
OBSERVATIONS at 18h. G.M.T. 30th July 1957

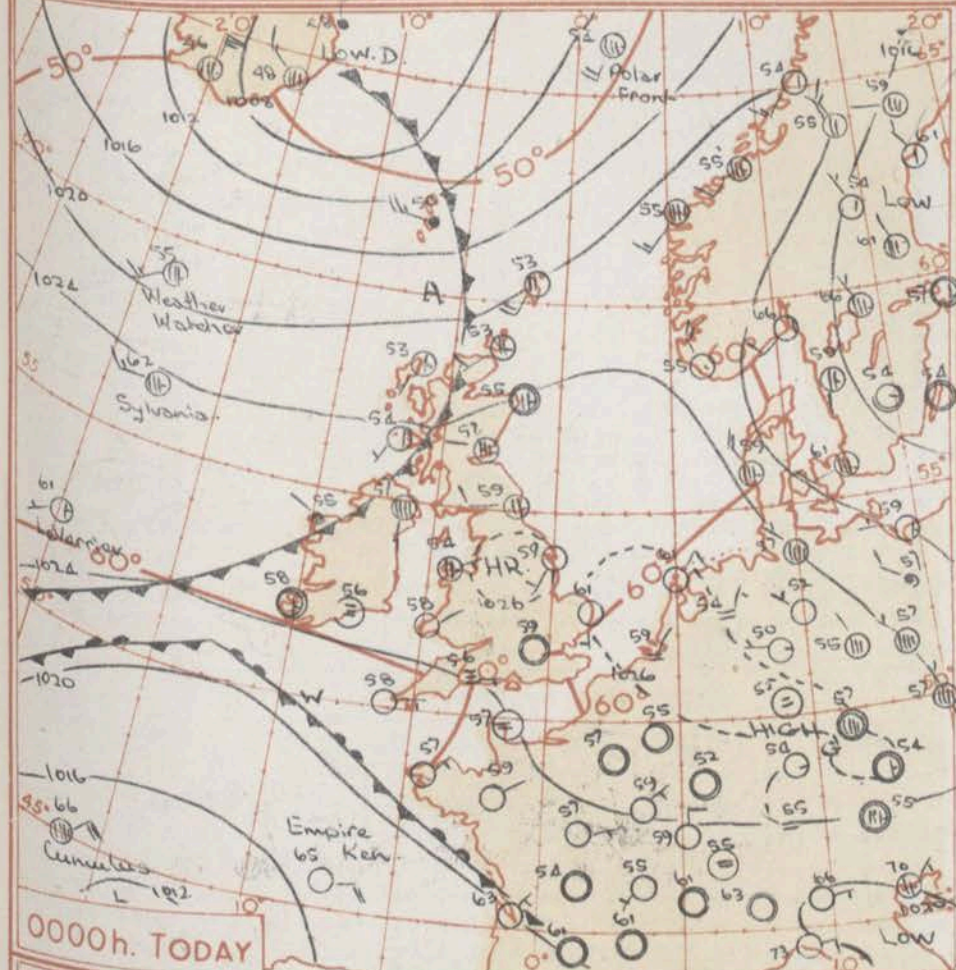
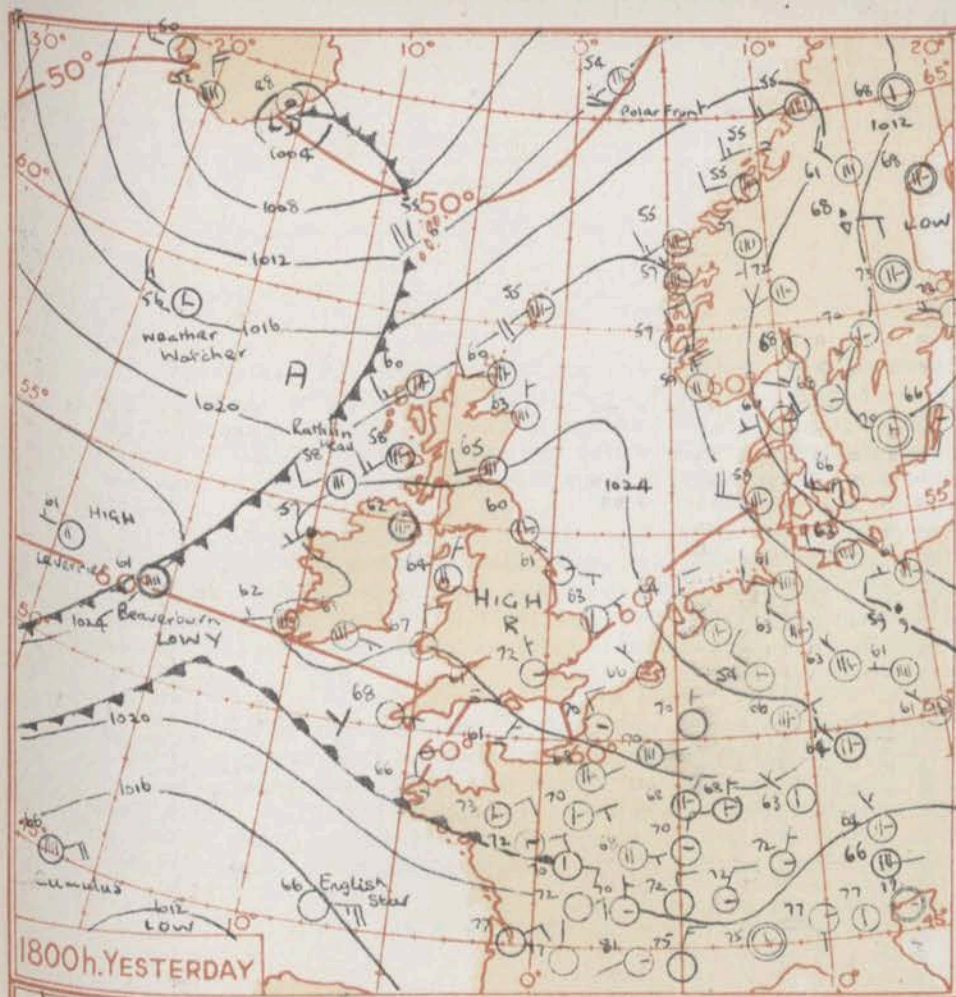
OBSERVATIONS during DAY

Code F.M. 21.A	12h. Ships Reports																				18h. Ships Reports																																				
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course	Bar	Temp.	Waves	Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course	Bar	Temp.	Waves																						
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height									Medium	High	Direction	Speed			Character	Change in 3 hours	Sea	Dew Point					Direction	Period	Height	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
	Lat	Long	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw				N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw						
LE VERRIER	527	200	5	30	06	70	01	8	250	61	9	8	5	0	1	0	0	1	12	01	54	25	5	2	WEATHER WATCHER	589	174	3	28	17	98	01	1	154	56	1	3	4	3	0	0	2	11	00	49	25	4	6									
WEATHER WATCHER	589	180	7	27	26	98	25	8	127	56	4	2	5	7	1	0	0	2	30	56	80	25	4	7	LE VERRIER	527	198	4	27	03	70	02	1	254	61	2	8	5	4	1	0	0	2	04	50	32	25	5	2								
CUMULUS	450	168	8	06	17	75	02	2	156	66	8	8	4	1	1	0	0	7	01	51	51	09	4	5	CUMULUS	451	170	8	05	18	70	02	2	145	66	8	8	4	1	0	0	6	05	51	63												
POLAR FRONT	661	023(E)	8	22	17	97	02	2	090	52	8	6	2	1	1	0	0	2	17	91	50	49	2	2	POLAR FRONT	661	026(E)	7	20	20	98	03	1	121	54	7	6	3	1	0	3	0	29	50	50	21	3	4									
WEATHER RECORDER	618	331	3	31	11	99	01	1	176	50	3	1	6	0	4	0	0	2	09	52	42	49	1	4	WEATHER RECORDER	619	531	2	30	10	99	01	1	192	52	1	1	6	0	8	1	1	05	51	44	01	1	5									
U.S. SHIP "C"	528	355	8	14	12	65	02	2	247	55	8	5	5	1	1	0	0	1	00	04	49	15	3	2	U.S. SHIP "C"	528	355	8	18	17	69	02	2	244	56	8	5	4	1	0	0	8	03	05	52	17	2	2									
U.S. SHIP "D"	440	410	5	09	08	69	03	1	261	69	0	0	9	0	4	0	0	2	03	53	57	06	2	2	U.S. SHIP "D"	440	410	8	11	14	64	02	2	243	68	4	1	5	0	7	0	0	7	08	54	62	08	2	2								
GLoucester CITY	513	272	6	26	09	97	01	8	255	61	6	8	4	1	2	5	1	05	01	57	26	2	2	ENGLISH STAR	455	079	6	09	24	97	02	0	154	66	0	0	9	0	1	6	1	12	51	63	09	4	5										
AMERICAN HARVESTER	498	189	8	05	25	97	50	5	224	58	8	3	0	1	0	6	5	2	14	56	57	05	3	4	RATHLIN HEAD	556	093	6	04	10	98	02	2	152	58	5	2	5	7	0	2	5	2	15	52	54	24	1	1								
U.S. SHIP "B"	565	510	9	18	03	02	45	4	095	45	9	1	0	1	1	0	0	1	10	01	48	18	3	1	BEAVERBURN	522	159	8	00	00	99	25	6	241	61	2	5	3	2	1	6	5	5	01	50												

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



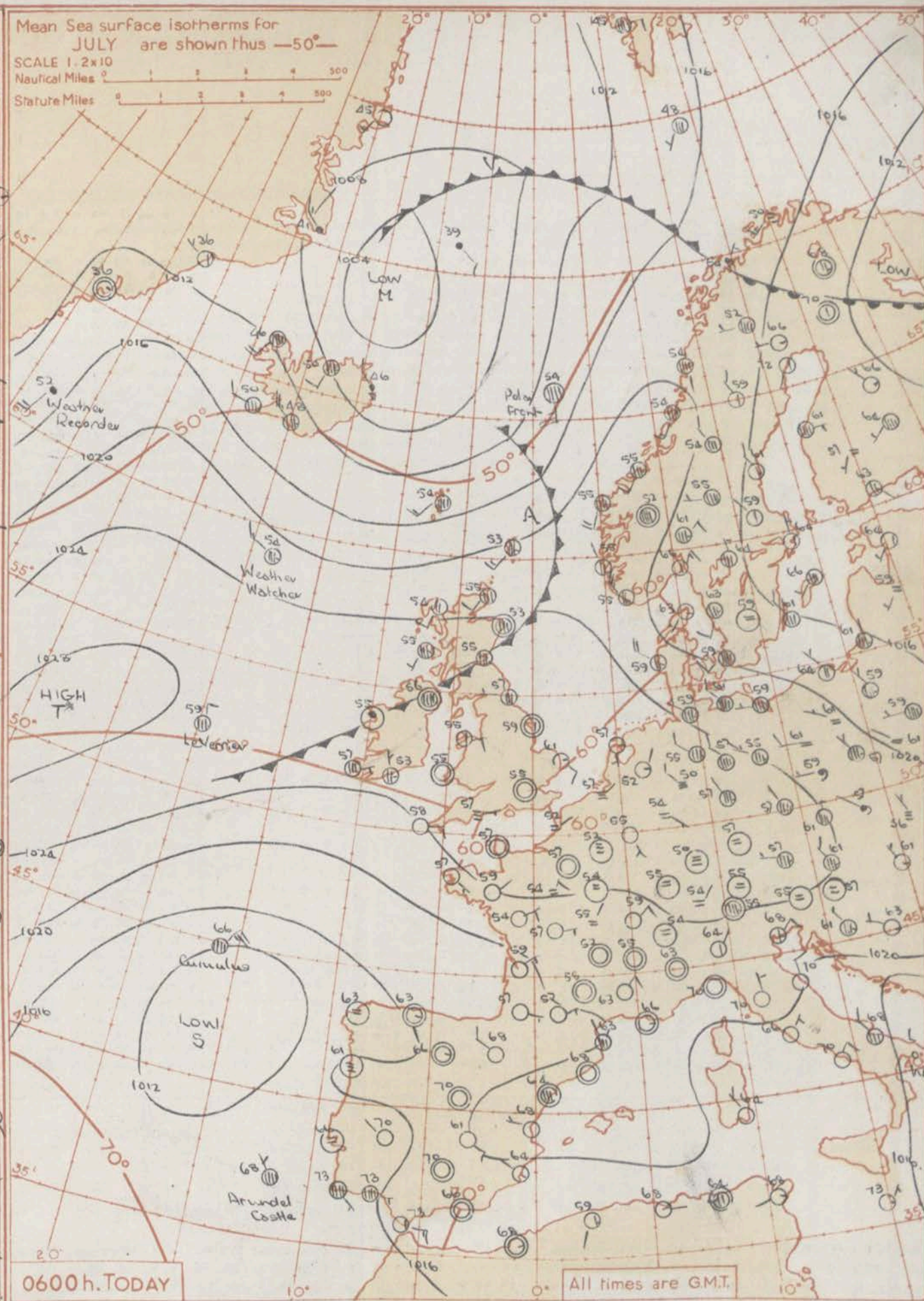


Mean Sea surface isotherms for
JULY are shown thus —50°—

SCALE $1:2 \times 10$

Nautical Miles 0

Stature Miles



All times are G.M.T.

GENERAL SYNOPTIC DEVELOPMENT

The ridge which was over the British Isles yesterday has intensified and an anticyclone is now centred over the southern North Sea with a ridge across Ireland to another anticyclone in mid-Atlantic. A shallow trough over west Scotland will move eastwards to the North Sea, otherwise the pressure distribution will not change much during the next 24 hours.

Issued at midday today Wednesday 31st July 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

England and Wales will have mostly sunny, rather warm weather with patches of fog around dawn. Scotland and Northern Ireland will have variable cloud with near normal temperatures and there may be occasional rain in places.

OUTLOOK FOR the next 48 hours

Mostly dry, becoming warm over much of England and Wales.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 31 st July 1957																									OBSERVATIONS at 06h. G.M.T. 31 st July 1957																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Code FM 11.A		Station	Station Number	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar. Change in 3 hours	Cloud Layers				Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar. Change in 3 hours	Cloud Layers				Weather	Temp. 21 h to 09h.		Rain 21h to 09h, in in.	State of Sky at 09h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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