

THE DAILY WEATHER REPORT

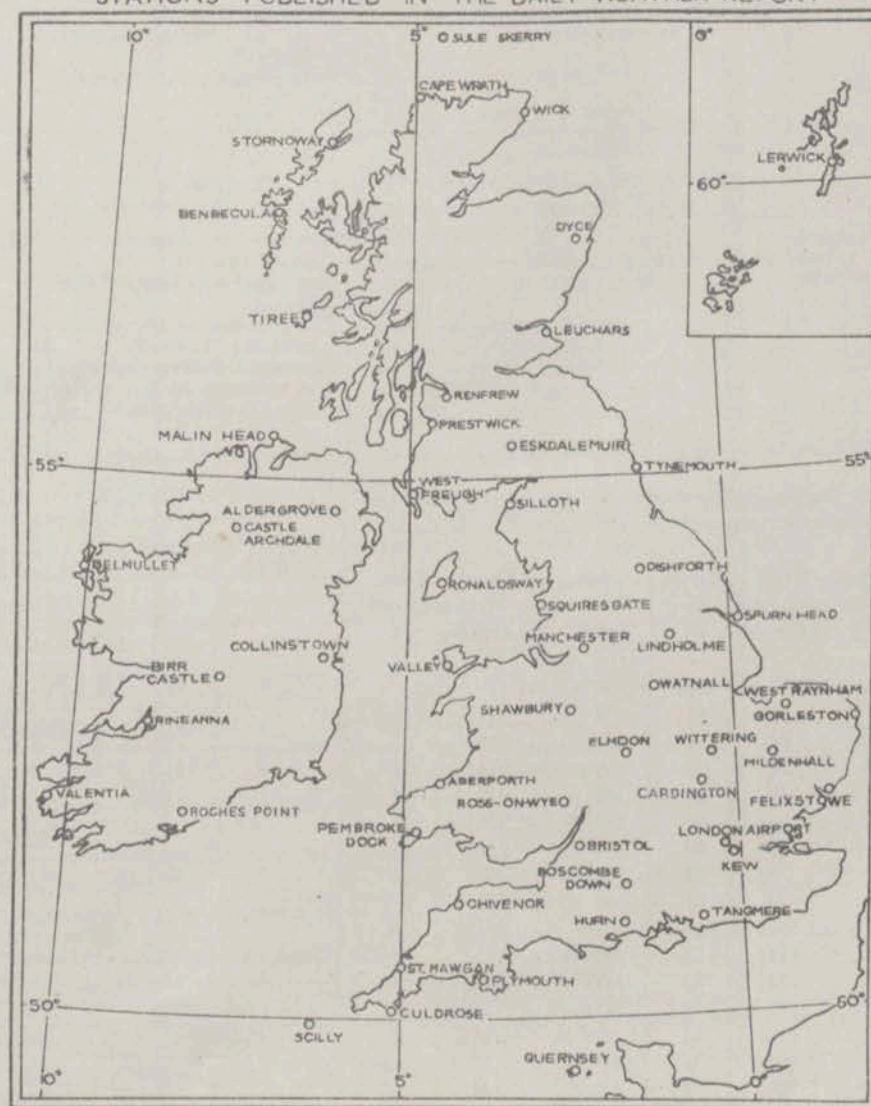
(INTRODUCTION)

1st January to 31st March

1957



STATIONS PUBLISHED IN THE DAILY WEATHER REPORT



METEOROLOGICAL OFFICE
LONDON, W.C.2

1. HISTORY

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

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

3. NOTES

(i) **Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.
(ii) **Rainfall.**—Tr : = There has been precipitation, but amount less than 0.05 mm.
(iii) **Temperature.**—Temperature is specified in degrees Fahrenheit and is shown on the charts by means of figures alongside the positions of the stations.

(iv) **Dew Point.**—The values of Dew Point are derived from the original readings of dry-bulb and wet-bulb temperature and are correct to 1° 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.

(v) **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).

CODE F.M.11A—Land Stations					
N dd ff	VV ww W	PPP TT	N _h CL 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). CL = 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.21A—Ships					
L ₃ L ₂ L ₁	LoLoLo	Followed by first four groups as in F.M.11A above	D _s v _s a pp	T _s T _s T _d T _d	d _{wdw} P _w H _w
L ₃ L ₂ L ₁ = Latitude in degrees and tenths.	LoLoLo = 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 _{wdw} = Direction of waves to tens of degrees (Table 2). P _w = Period of waves (Table 16). H _w = Mean maximum height of waves (Table 17).

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_{wdw})

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

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

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
9†	<55	55	220	550	1,100	2,200	2½	6½	12½	31 or over
F	<11	11	22	33	44	55	66	77	88	99

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. Slight or moderate drifting snow. } generally low. Heavy drifting snow. } generally high. Slight or moderate drifting snow. } Heavy drifting snow. }	70-79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes.	slight at time of observation. moderate at time of observation. heavy at time of observation. Ice needles (with or without fog). Granular snow (with or without fog). Isolated starlike snow crystals (with or without fog). Ice pellets.				
	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.		80-90 Showery precipitation.	80	Rain shower(s), slight.	thunderstorm during the preceding hour, but not at time of observation.
	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 hail, with or without rain or rain and snow mixed, not associated with thunder.	
19	Funnel cloud(s).†	49	Fog, depositing hard rime, sky not discernible.	89										
20-29 Precipitation, fog or thunderstorm at station in past hour but not at time of observation.	20	Drizzle (not freezing).	50-59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.	91-99 Precipitation with current or recent thunderstorm.	91	Slight rain at time of observation.	thunderstorm 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.									
30-39 Rain at time of observation.	30	Rain, not freezing, intermittent.	60-69 Rain at time of observation.	60	Rain, not freezing, intermittent.	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.								
	31	Rain, not freezing, continuous.		61	Rain, not freezing, continuous.									
	32	Rain, not freezing, intermittent.		62	Rain, not freezing, intermittent.									
	33	Rain, not freezing, continuous.		63	Rain, not freezing, continuous.									
	34	Rain, not freezing, intermittent.		64	Rain, not freezing, intermittent.									
	35	Rain, not freezing, continuous.		65	Rain, not freezing, continuous.									
	36	Rain, freezing, slight.		66	Rain, freezing, slight.									
	37	Rain, freezing, moderate or heavy.		67	Rain, freezing, moderate or heavy.									
	38	Rain or drizzle, and snow, slight.		68	Rain or drizzle, and snow, slight.									
	39	Rain or drizzle and snow, moderate or heavy.		69	Rain or drizzle and snow, moderate or heavy.									

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 CM h refers to this cloud.

When there is cloud at several levels below 8,000 ft., N_h and h refer to the lowest layer covering more than 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.

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

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

Table 11.—Code for Type of Cloud (C)

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

Table 12.—Code for Height of Cloud ($h_1 h_2$)

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

CODE FIGURES 81-89

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

CODE FIGURES 90-99*

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

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

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

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

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

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

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

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

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

sec.
2 = <5
3 = 5-7
4 = 7-9
5 = 9-11
6 = 11-13
7 = 13-15
8 = 15-17
9 = 17-19
0 = 19-21
1 = >21
x = Calm or period of waves not determinable.

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

m.	ft.	50 added to $d_w d_w$	m.	ft.
0 = <1	<1	0 = 5	16	
1 = 1	1	1 = 5	17	
2 = 1	3	2 = 6	19	
3 = 1	5	3 = 6	21	
4 = 2	6	4 = 7	22	
5 = 2	8	5 = 7	24	
6 = 3	9	6 = 8	25	
7 = 3	11	7 = 8	27	
8 = 4	13	8 = 9	29	
9 = 4	14	9 = 9	30	
x = Height not determined.				

Notes:—

(i) The range of heights covered by a number is half a metre, e.g., number 3 applies to waves whose heights are between $1\frac{1}{2}$ m. and $1\frac{3}{4}$ m. (4 ft. and 5 ft.).

(ii) Waves whose heights are greater than $9\frac{1}{2}$ 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.

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

(iv) Code figures 49 or 99 for $d_w d_w$ mean "waves confused, direction indeterminate."

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

d = drizzle.
f = fog, visibility 220-1100 yards.
F = thick fog, visibility less than 220 yards.
f_g = low fog over land or sea.

h = hail.
ks = storm of drifting snow.
l = lightning.
p = shower(s).

r = rain.
s = snow.
rs = sleet.
t = thunder.

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

5. EXPLANATION OF CHARTS

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS

○ Clear sky. ⊙ Sky $\frac{1}{8}$ covered. ⊕ Sky $\frac{2}{8}$ covered. ⊕ Sky $\frac{3}{8}$ covered. ⊕ Sky $\frac{4}{8}$ covered. ⊕ Sky $\frac{5}{8}$ covered. ⊕ Sky $\frac{6}{8}$ covered. ⊕ Sky $\frac{7}{8}$ covered. ⊕ Sky 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—

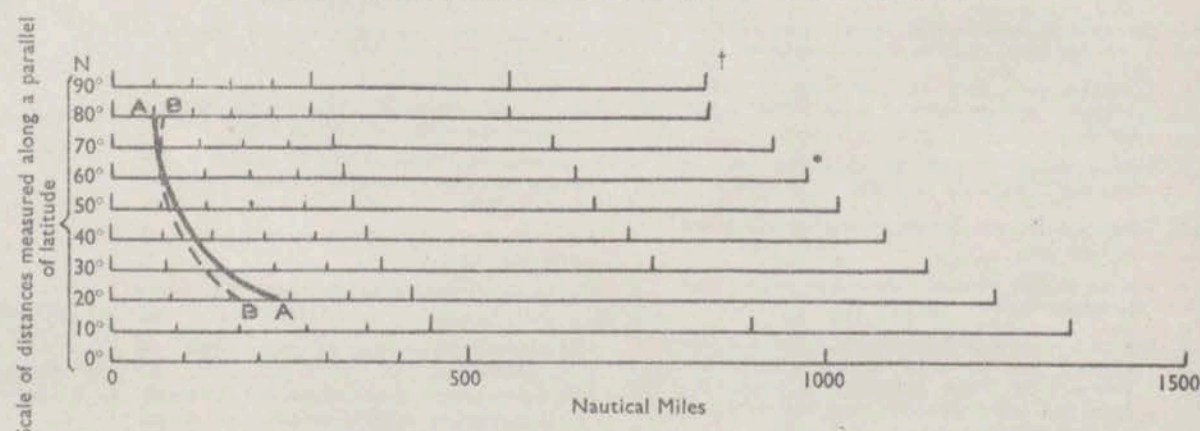
— = Warm Front on the surface. — = Warm Occlusion.
— = Warm Front above the ground. — = Cold Occlusion.
— = Cold Front on the surface. — = Lines of Frontogenesis.
— = Cold Front above the ground. — Short strokes across the frontal line indicate Frontolysis.
— = Occluded Front (or Occlusion).

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.

MONTHLY
SUMMARY

OF

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

FOR FEBRUARY 1957

No. 14

Mild and wet in England and Wales. Sunny periods generally.

The southwesterly winds and changeable weather of the last 10 days of January continued until the middle of February. Then came a week of light northerly winds and rather cold weather, but from 21st to 24th fronts again moved eastwards across the country. Weather was mostly anticyclonic for the last 3 or 4 days of the month.

The first day of February was one of contrasts. A little snow reached low levels in Scotland, but over most of England and Wales temperatures were well above normal, following a very mild night during which a minimum temperature of 52° occurred at Kew. In the afternoon of 1st 57° was reached at Mildenhall, as it was again on 4th. The mild weather lasted for a fortnight over most of the country, though there was slight frost at night from time to time. During the same period rain fell in most places nearly every day.

On 4th and 5th a vigorous depression skirted the western coasts of Ireland and Scotland, giving widespread gales; gusts of over 90 knots were reported from the Hebrides. On 7th a narrow warm sector travelled slowly across the country and gave 25 mm. of rain in 24 hours at Plymouth and St. Mawgan. A similar system on 11th again gave falls of 10-15 mm. over southern areas of England, and by this time the rainfall totals in many parts had already exceeded the normals for February.

By 13th pressure was high over Greenland and northeasterly winds extended from Spitzbergen to east of Newfoundland. This windbelt moved across the

Atlantic to give light northerly winds over the British Isles on 14th, and snow showers spread as far south as the Midlands. In 48 hours up to the evening of 17th the precipitation at Cape Wrath totalled 39 mm. Temperatures during the period from 15th to 20th were, however, only a little below normal during the day, and though there was frost and some fog at night few areas experienced hard frosts.

On 21st rain spread slowly eastwards to southern districts of England and Wales, but it was not until 23rd that mild Atlantic air returned to most of the country, preceded by widespread rain and some snow. Eskdalemuir recorded 34 mm in 24 hours and Renfrew 27 mm. On 25th maximum temperatures in England and Wales were in the fifties, and 57° was reached at Hurn, but snow continued to fall in Shetland.

On 26th a large depression became slow-moving in mid-Atlantic and there was an accompanying pressure rise over the British Isles. Southerly winds then spread to the whole country, with fine weather apart from slight rain in the west.

The two periods of changeable weather gave high rainfall totals in England and Wales, and in some places they were more than twice the normal. Scotland and Northern Ireland, on the other hand, had a rather dry month. Sunshine was plentiful in nearly all parts of the country: Pembroke Dock experienced the sunniest February since records began 65 years ago and a new maximum was also reached at Aldergrove. The month was notably mild over England and Wales.

PLACE	TEMPERATURE														SUNSHINE										RAINFALL										Days with thunder	Days with snow or sleet	Days with fog (Min. < 220 yards at 09 h.)
	Mean maximum	Difference from average	Mean minimum	Difference from average	Highest maximum	Date	Lowest maximum	Date	Highest minimum	Date	Lowest minimum	Date	No. of ground frosts	No. of air frosts	Days of no sunshine	Maximum duration	Date	Total for month	% of average	Highest and lowest totals on record for month					Days of no rainfall (0.1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.)	Date	Total for month	% of average	Highest and lowest totals on record for month							
																				First year of record	Highest	Year	Lowest	Year						First year of record	Highest	Year	Lowest	Year			
F.		F.		F.		F.		F.		F.				Hrs.		Hrs.				Hrs.		Hrs.		mm.		mm.		mm.		mm.		Year		Year		Year	
KEW	48.0	+2.8	39.9	+3.4	56	3	39	19	52	1	32	18	14	1	8	7.8	22	73	122	1881	106	1949	17	1947	10	14	5	74	190	1856	127	1951	2	1895	0	2	1
TANGMERE	48.7	+2.8	37.8	+2.8	56	25	42	15	50	1	25	16	10	9	8	7.6	27	82	101	1916	134	1949	33	1947	7	22	7	117	239	1945	142	1951	2	1956	0	0	1
GORLESTON	46.0	+2.0	37.7	+1.6	56	1	39	19	48	1	25	21	12	7	6	9.7	27	82	115	1908	125	1949	18	1947	15	14	23	53	139	1915	89	1950	7	1921	1	0	2
CARDINGTON	48.3	-	36.0	-	56	2	37	19	51	1	25	21	18	12	7	8.4	16	86	-	-	-	-	-	8	14	11	62	-	-	-	-	-	1	6	1		
BOSCOMBE DOWN	46.7	+2.0	37.5	+3.3	54	25	34	19	52	1	27	19	12	7	6	9.1	20	71	97	1933	115	1949	21	1940	5	15	7	85	182	1931	143	1951	2	1932	0	4	2
ROSS-ON-WYE	48.2	+2.9	37.1	+1.3	55	25	40	19	51	1	26	19	17	8	6	8.8	16	74	107	1915	119	1934	18	1940	10	17	7	68	133	1859	170	1923	0.3	1891	0	2	2
PEMBROKE DOCK	48.0	+2.5	39.9	+0.8	54	26	41	19	49	8	28	20	6	4	4	8.0	25	95	130	1892	122	1956	34	1897	4	12	6	105	138	1926	199	1950	16	1952	0	1	2
PLYMOUTH	49.4	+2.3	41.0	+1.7	54	25	41	19	51	1	29	19	9	4	7	9.1	20	86	113	1921	136	1934	20	1947	4	16	11	164	205	1949	176	1950	13	1956	1	2	0
ELMDON	46.5	+2.2	36.5	+1.3	53	3	38	19	49	1	21	20	16	12	5	8.0	20	77	120	1928	109	1949	12	1940	8	17	7	70	171	1933	120	1950	7	1934	0	6	3
VALLEY	47.6	+1.8	37.7	+1.4	53	3	42	16	48	8	23	20	10	3	5	8.4	22	105	140	1913	108	1930	36	1918	6	12	5	99	170	1946	123	1950	21	1947	1	4	0
MANCHESTER	46.7	+2.6	35.7	+1.3	53	3	38	19	47	8	24	20	12	8	4	8.3	21	80	163	1946	98	1949	36	1947	8	8	12	48	100	1925	121	1946	3	1922	1	7	1
WATNALL	46.0	+2.4	36.1	+1.3	53	3	35	23	47	8	23	20	16	9	5	7.4	6	73	124	1934	96	1949	15	1940	6	14	12	71	158	1911	134	1916	7	1921	0	7	0
DISHFORTH	46.1	+2.2	36.8	+0.8	55	8	37	23	44	8	22	20	17	14	5	7.5	19	81	127	1945	105	1946	47	1954	11	16	7	51	127	1947	91	1950	9	1952	0	3	2
TYNEMOUTH	44.7	+0.8	35.7	+1.0	52	4	39	19	43	1	27	19	17	6	8	8.2	19	98	153	1937	108	1943	29	1954	14	8	13	51	146	1864	155	1941	1.5	1991	0	1	1
ESKDALEMUIR	42.2	+1.3	29.2	+2.1	48	4	25	23	45	8	13	19	18	17	8	8.8	19	80	135	1910	106	1932	23	1918	10	34	23	135	107	1910	242	1915	5	1932	0	8	0
RENFREW	44.6	+0.6	33.5	+1.1	53	4	37	24	46	8	23	19	18	10	6	8.0	15	70	132	1921	87	1946	22	1923	14	27	23	74	90	1921	154	1945	0.8	1932	0	4	0
LEUCHARS	44.0	+0.1	32.9	+1.5	51	4	39	12	42	8	26	19	18	13	4	8.8	18	92	115	1922	120	1946	33	1923	12	19	5	86	191	1922	105	1941	2	1932	0	4	1
DYCE	43.0	+0.2	31.4	+1.9	49	8	38	6	42	8	21	22	20	20	7	7.9	26	100	130	1925	119	1950	38	1947	14	9	24	58	100	1946	91	1951	21	1948	0	10	0
STORNOWAY	43.6	+0.8	35.3	+1.4	49	3	38	20	45	28	25	20	10	8	5	8.4	26	80	140	1881	96	1955	22	1943	13	20	15	61	65	1943	147	1943	11	1947	1	8	0
ALDERGROVE	45.0	+0.3	35.0	+0.7	51	4	37	16	44	8	20	19	14	7	4	8.1	6	95	156	1927	88	1944	33	1940	12	11	23	40	65	1927	100	1954	3	1932	0	5	0

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Friday 1st February 1957

12h. Ships Reports

Code FM 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	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	
LE JARZIER	522	202	6	30	25	65	25	8	851	43	5	2	4	0	2	0	0	2	40	60	57	25	4	8		
WEATHER WATCHER	597	175	8	20	06	97	71	7	755	34	8	7	4	2		0	0	7	04	65	53	19	4	6		
POISE FRONT	640	0202	8	16	29	97	61	6	984	45	6	7	3	2		0	0	7	31	02	05	17	6	7		
CUNILLUS	449	157	8	22	40	56	61	2	055	39	7	7	4	2		5	1	2	19	04	54	20	5	3		
WEATHER OBSERVER	620	327	7	25	20	98	02	0	649	31	3	1	6	7	8	5	1	2	19	58	28	20	4	5		
U.S. SHIP 'C'	528	356	5	25	27	65	95	8	844	32	5	2	4		0	0	0	08	61	19	77	5	4			
SAV JELONICO	425	150	7	22	20	91	02	2	162	59	7	5	4			4	4	2	15	01	55	22		4		
WEATHER RECORDER	545	143	8	14	30	98	02	2	749	43	3	2	4	2		3	3	8	35	58	36	64	4	2		
MANCHESTER MARINER	490	272	7	26	40	97	85	2	795	18	7	9	2		0	6	5	2	20	62	36	25	4	5		
CASLOW	459	251	8	27	28	98	21	2	803	53	8	2	7			6	3	4	00	53	49	24	7	7		

18h. Ships Reports

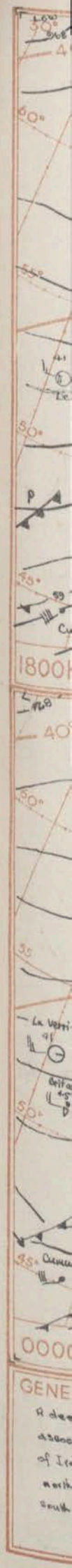
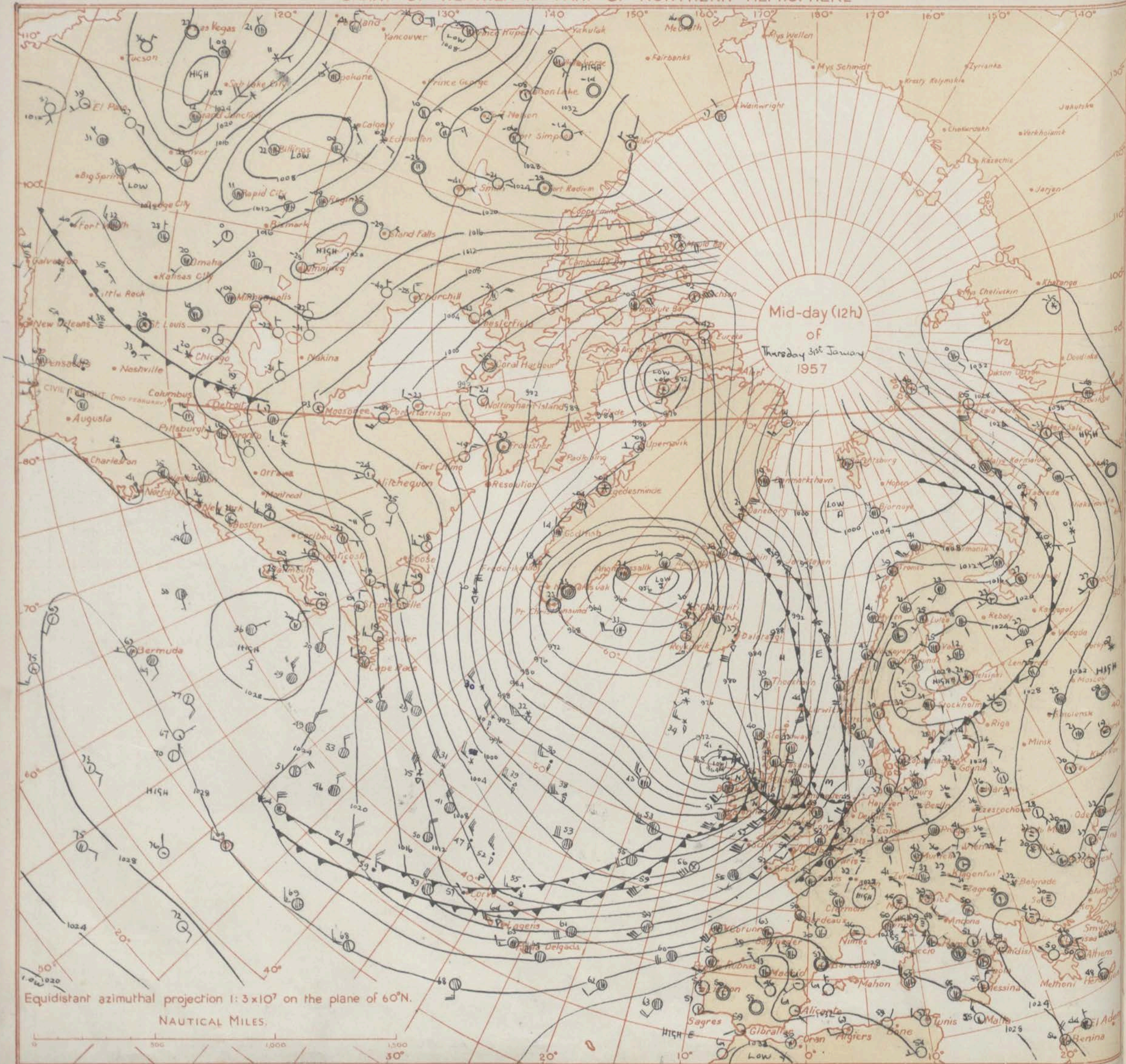
18h. Ships Reports																											
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.		Temp.		Waves						
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height			
																									N	dd	M
	LatLg	LoLoLo																									
WEATHER WATCHER	598	173	8	30	18	55	88	7	730	33	8	0	4	2	-	0	0	5	00	66	31	49	-	7			
VERIEK	526	193	4	26	16	05	01	8	712	41	4	3	4	0	2	0	0	1	18	62	36	47	4	3			
CUMULUS	447	159	8	22	38	30	66	1	039	59	6	7	3	2	1	5	1	1	01	04	55	71	5	4			
POLAR FRONT	660	020E	8	16	37	76	60	6	027	43	8	7	3	-	-	0	0	7	30	51	59	17	7	8			
WEATHER OBSERVER	620	330	0	20	11	98	01	2	063	34	4	5	5	3	-	0	0	2	06	57	28	23	3	5			
WEATHER RECORDER	679	129	8	22	12	98	60	6	111	42	8	0	7	2	-	8	4	00	58	41	49	-	6				
U.S. SHIP "C"	528	355	6	27	28	65	02	2	710	30	5	2	4	0	0	0	0	2	20	27	26	27	5	5			
U.S. SHIP "D"	440	410	4	29	40	65	15	8	135	41	4	2	5	0	0	0	0	3	07	65	35	79	5	5			
CSO CAMBRIDGE	485	257	6	25	24	98	26	8	937	41	6	3	3	0	0	2	6	2	05	65	23	27	5	5			
SAN VERONICO	417	152	8	20	20	97	02	2	173	59	8	5	4	-	-	4	4	2	10	04	55	20	-	-			

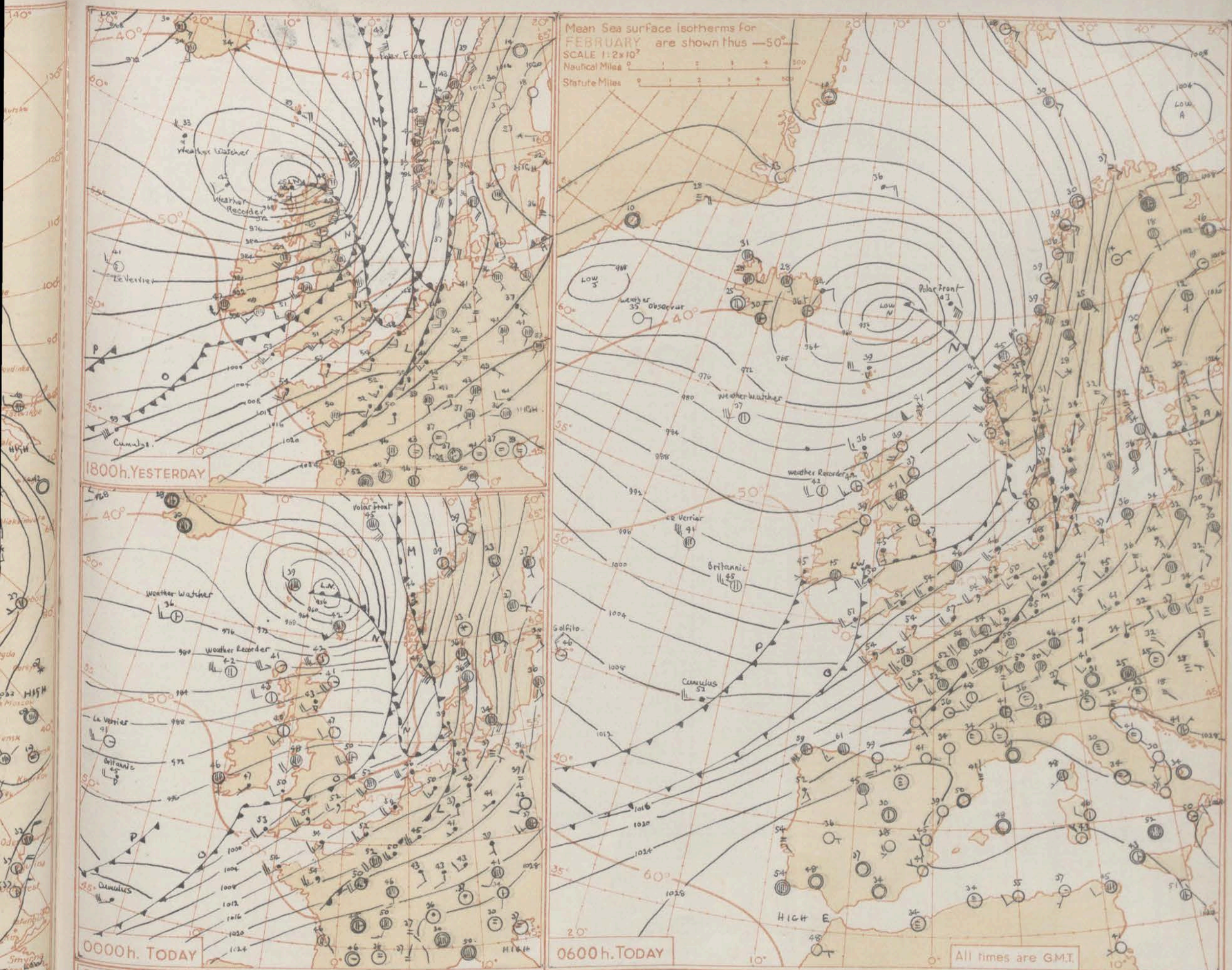
All times of observation printed in this publication are GREENWICH MEAN TIME.

* 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

A deep depression off Ireland moved northeast and then north while the associated fronts crossed Northern Ireland and Scotland. A small wave developed on the cold front to the southwest of Ireland and this moved northeast across Wales and northern England. This wave will continue to move northwards over the North Sea and a mainly westerly air stream will cover most of the British Isles, but southeast England may be affected by further waves developing on the cold front.

Issued at Midday

today Friday 1st February, 1957

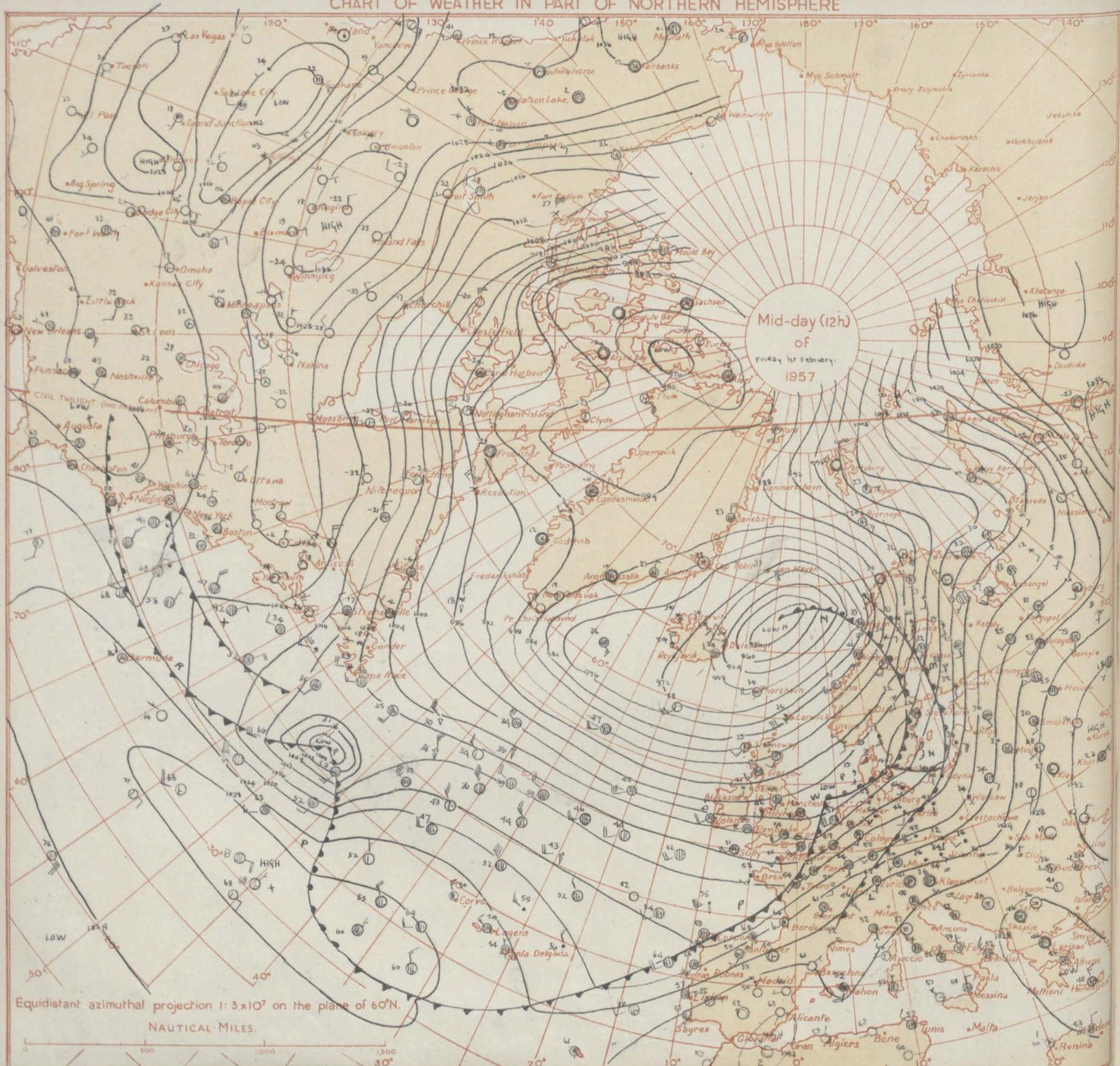
FORECAST FOR BRITISH ISLES until noon tomorrow

Over Scotland and Northern Ireland there will be showers and bright periods. Snow showers will fall over high ground and perhaps over low ground also in north Scotland. It will be cold or rather cold. Over England and Wales mild and rainy weather will give way gradually to clearer but colder weather spreading from the west with showers in places, though this may be slow to reach extreme South-east England.

OUTLOOK FOR next 24 hours.

Showery and rather cold at first. Rain spreading from the west later.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



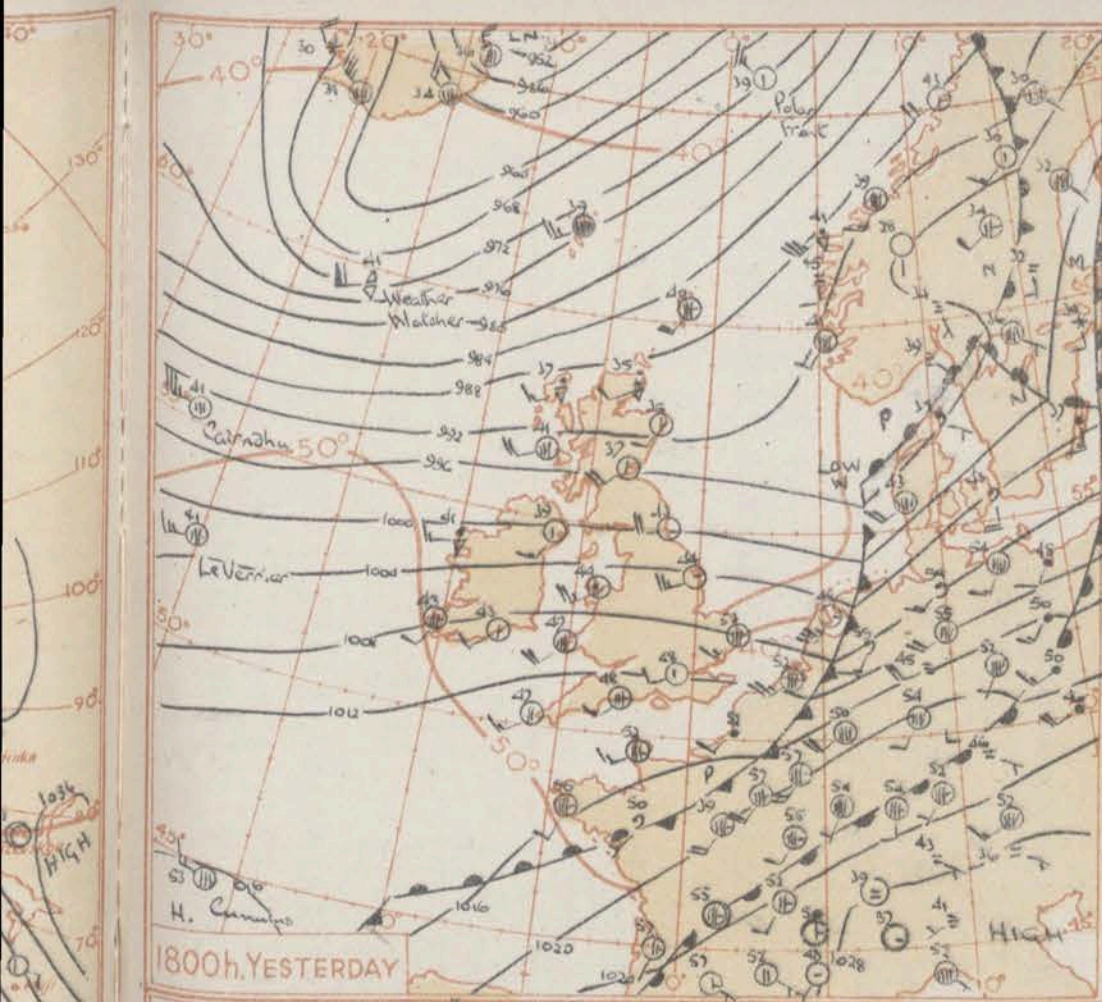
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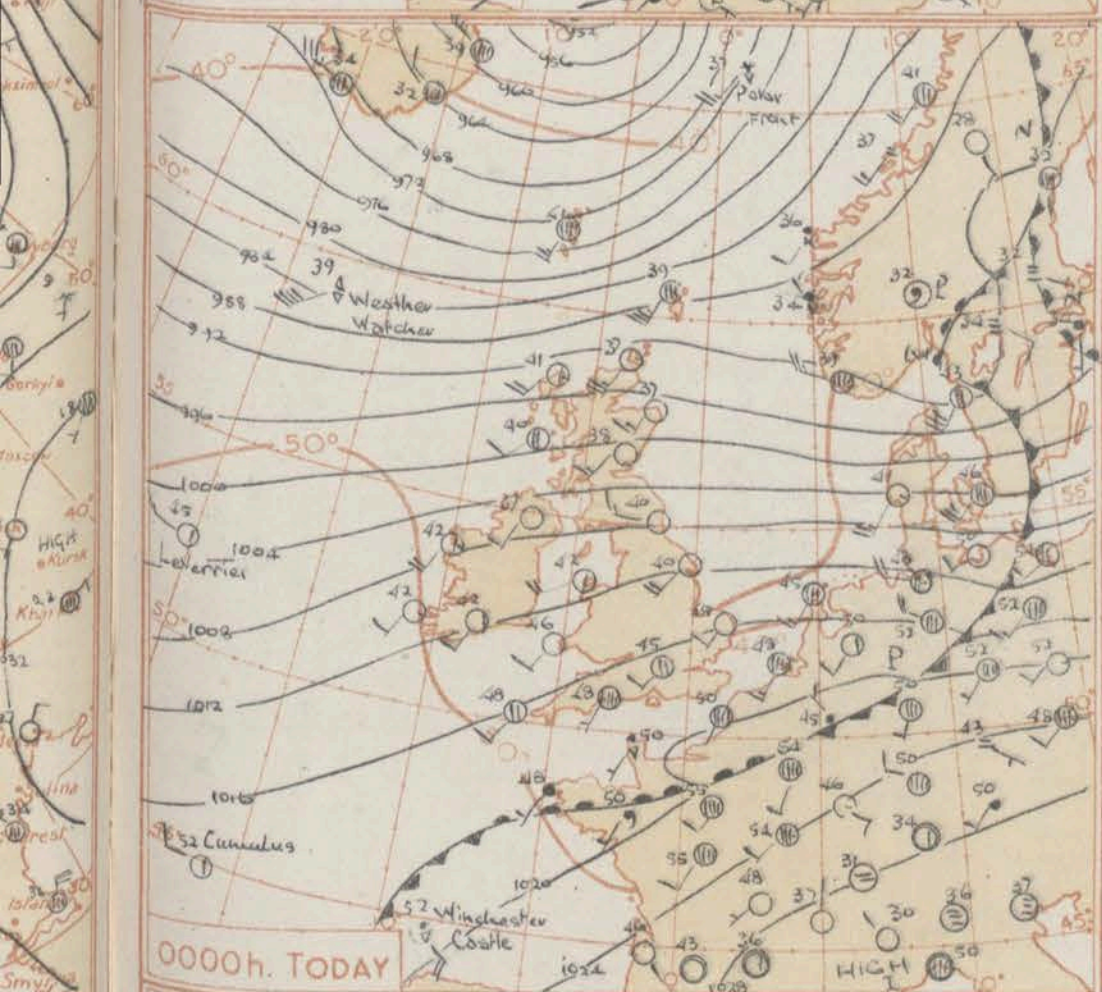
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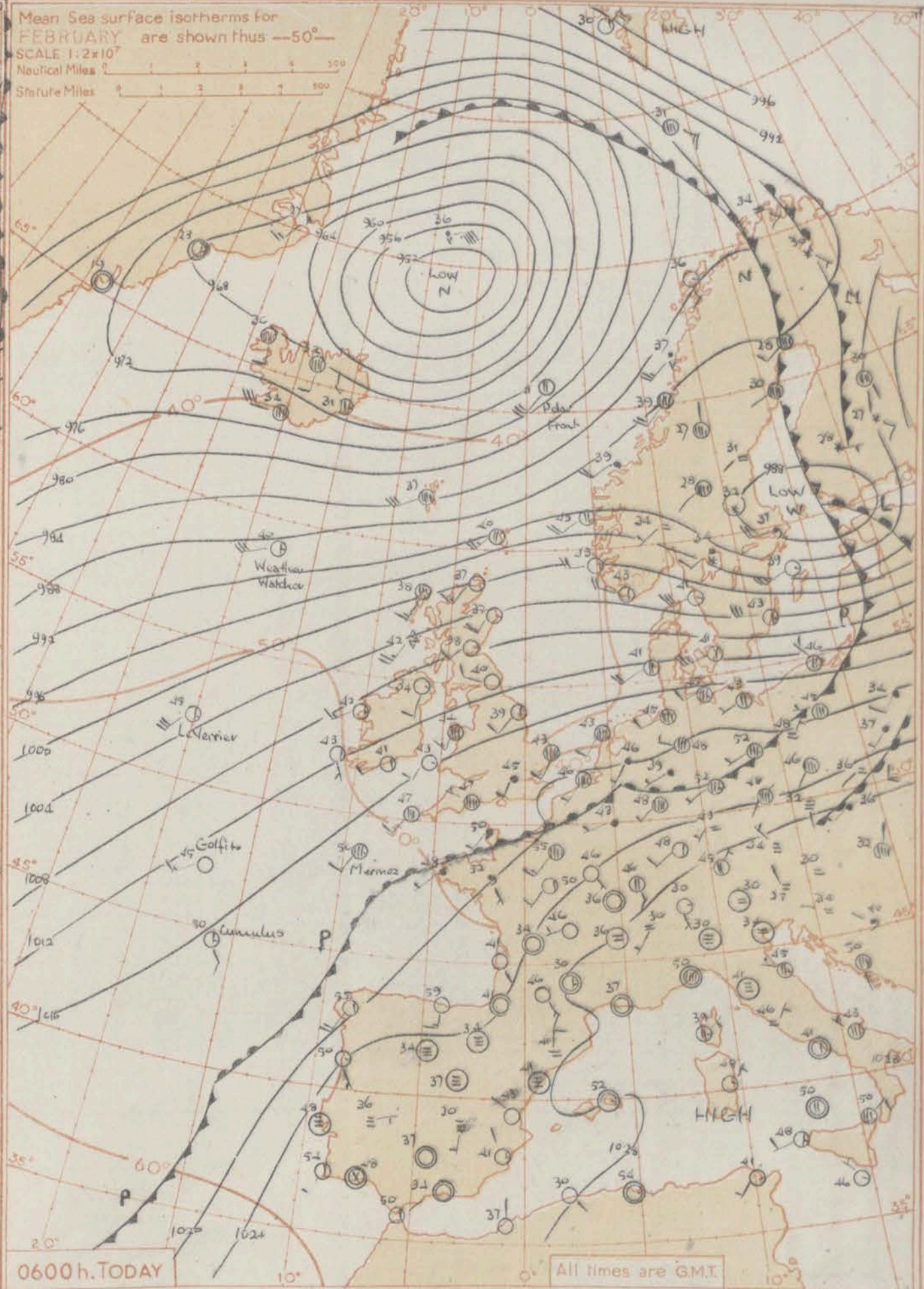


1800h. YESTERDAY



0000h. TODAY

Mean Sea surface isotherms for
FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 100 200 300
Statute Miles 0 100 200 300



0600h. TODAY

All times are GMT.

GENERAL SYNOPSIS DEVELOPMENT A wave over the southern Irish Sea yesterday morning moved quickly northeast to Scandinavia and its cold front cleared the British Isles during the afternoon. However another wave has developed over the Bay of Biscay and the front now lying along the English Channel, is moving slowly north as a warm front. It will advance more quickly later on as a deepening depression moving northeast from north of the Azores approaches the British Isles.

Issued at midday today Saturday 2nd February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow Most areas will have scattered showers today, with hail locally and with snow on hills. In southern districts it will be cloudy with rain at times. During tonight and tomorrow morning the rain will spread north across all districts with renewed gales in many areas though it will become milder.

OUTLOOK FOR the next 48 hours: Continuing changeable with rain and high winds at times in all areas.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Sunday, 3rd February 1957

No. 34772

NIGHT

OBSERVATIONS at 12h. G.M.T. 2nd February 1957

OBSERVATIONS at 18h. G.M.T. 2nd February 1957

OBSERVATIONS during DAY

12h. Ships Reports

18h. Ships Reports

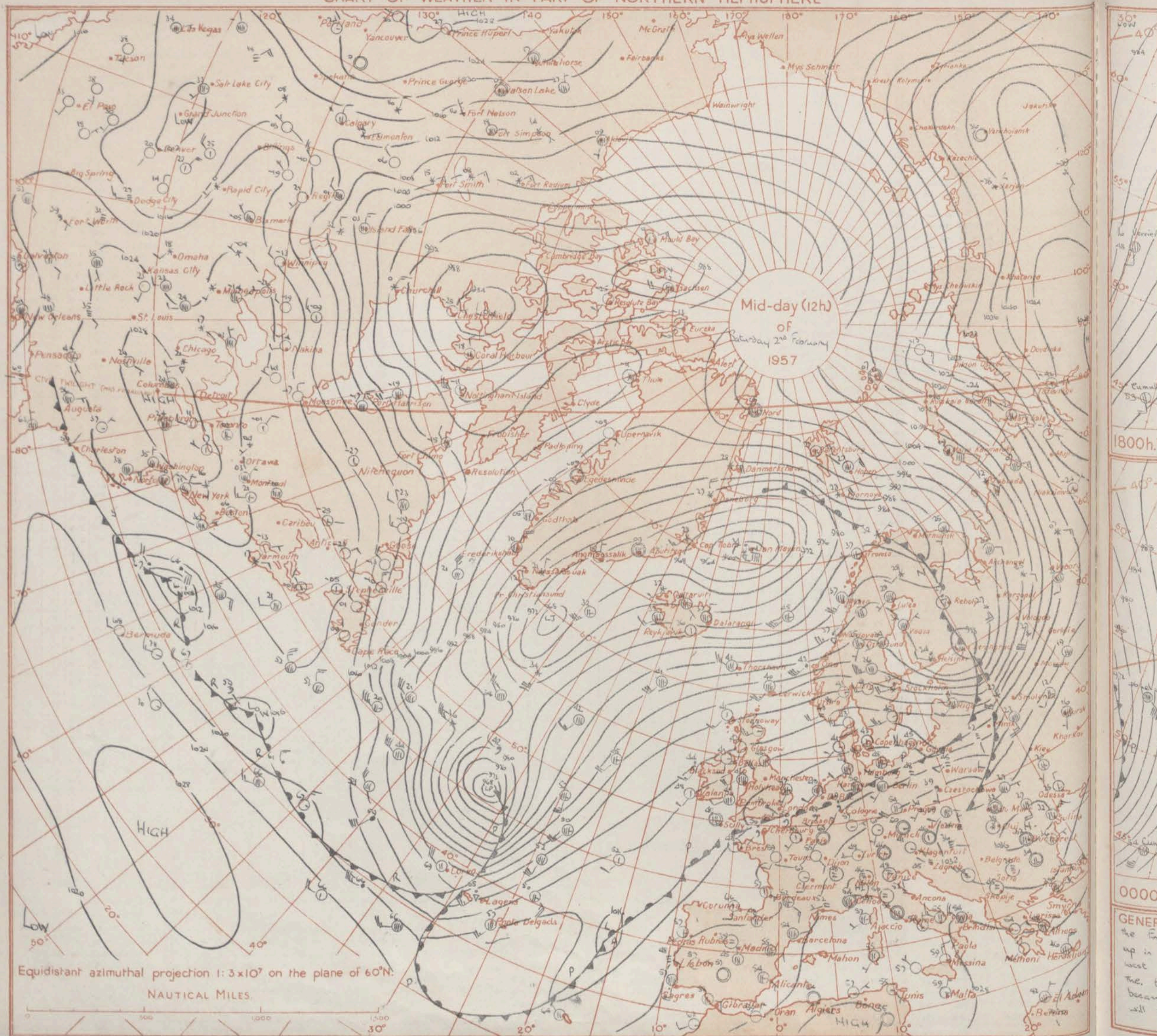
Waves		Period		Height		Code FM 21.A		Ship		LAT.		LONG.		Total Cloud		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Course		Bar.		Temp.		Waves																	
dw	Pw	Hw																																															
Lat	Long	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw																									
596	172	7	21	28	98	15	8	927	41	5	9	4	6	2	0	0	2	33	37	33	23	3	8	LE VERRIER	528	200	8	17	27	65	03	2	985	48	3	5	4	1	7	0	0	7	45	52	41	17	3	3	
517	200	5	21	3	70	03	8	027	45	5	2	4	0	2	0	0	4	00	36	17	26	4	6	WEATHER WATCHER	594	169	6	22	26	98	02	8	952	42	6	3	4	-	-	2	2	21	37	36	23	3	8		
447	158	2	20	08	80	02	5	162	52	1	1	4	0	1	0	0	6	06	53	19	28	5	6	CUMULUS	448	157	4	17	20	80	02	0	100	63	3	2	5	4	2	0	0	7	26	52	41	2	8	5	6
630	082	7	23	37	99	15	1	026	45	7	9	1	0	0	3	3	1	62	51	24	23	7	9	POLAR FRONT	650	019	2	25	30	99	15	8	895	41	2	9	4	6	0	0	0	2	35	54	32	25	5	8	
622	527	5	20	33	97	15	8	751	32	5	9	4	0	1	0	0	2	11	59	27	21	3	4	WEATHER OBSERVER	499	121	2	17	19	70	01	8	114	50	2	8	4	0	0	7	4	7	28	53	43	27	5	5	
565	510	6	32	26	63	02	7	950	21	5	2	4	0	0	0	0	2	24	66	08	33	5	7	U.S. SHIP "C"	623	326	4	21	28	98	15	8	784	33	4	9	4	0	0	0	0	2	16	89	25	21	3	8	
528	305	8	29	24	69	16	8	802	38	5	1	4	0	0	0	0	6	23	59	26	26	4	9	U.S. SHIP "D"	528	365	6	34	35	69	02	8	824	71	6	2	4	0	0	0	0	3	22	61	18	28	4	0	
440	410	6	27	41	69	02	1	066	44	6	3	5	0	0	0	0	0	32	61	30	80	5	1	U.S. SHIP "D"	440	410	7	29	38	65	07	8	163	37	6	2	3	3	0	0	0	2	15	69	27	80	6	6	
350	480	8	23	15	65	25	8	219	66	8	2	5	0	0	0	0	1	12	01	60	25	4	5	SACRAMENTO	589	109	6	21	30	98	18	2	013	44	6	7	4	7	1	7	4	5	03	55	42	49	1	6	
458	221	7	20	17	98	03	2	085	50	3	2	4	5	5	1	5	6	02	57	46	20	3	5	DUKE OF ATHENS	477	097	7	15	09	98	02	2	153	50	7	2	4	5	1	5	3	7	20	55	46	15	-	-	

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.

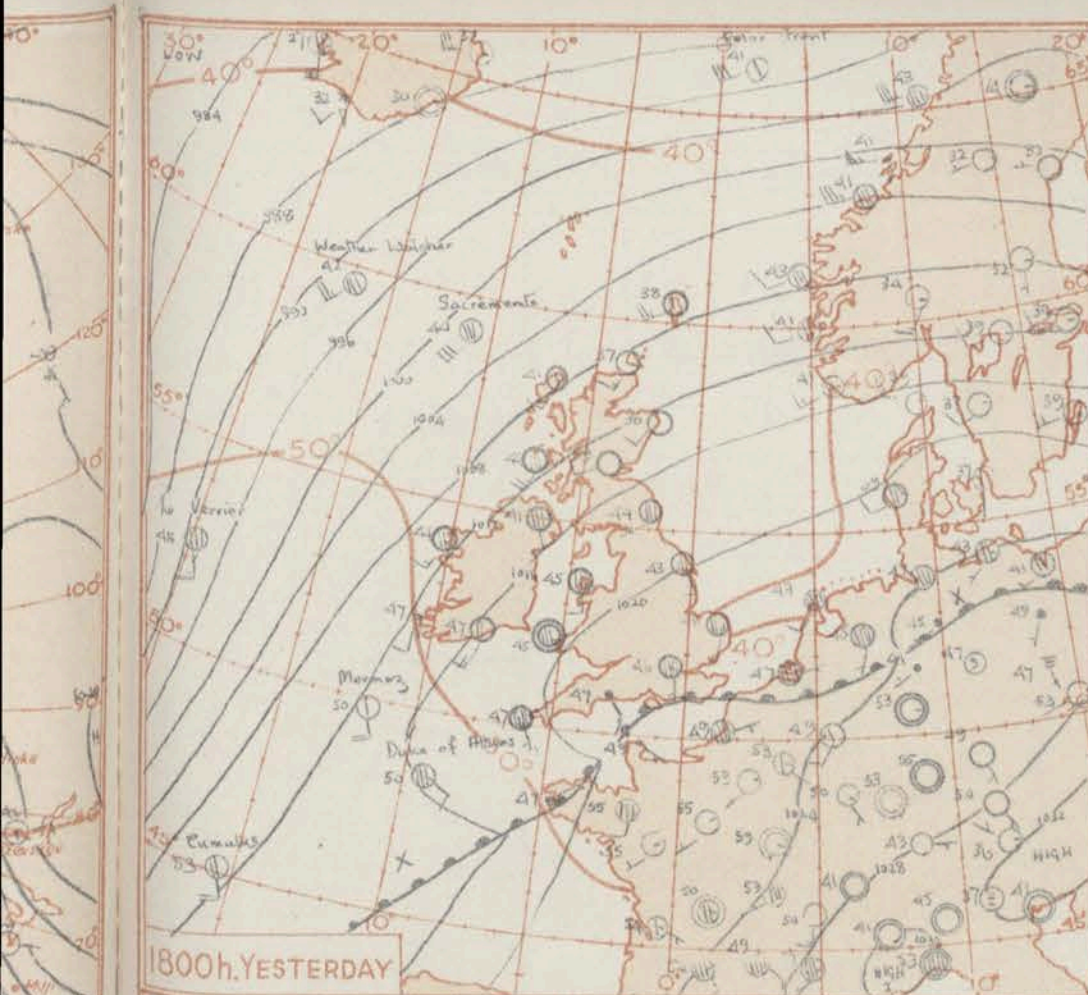
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



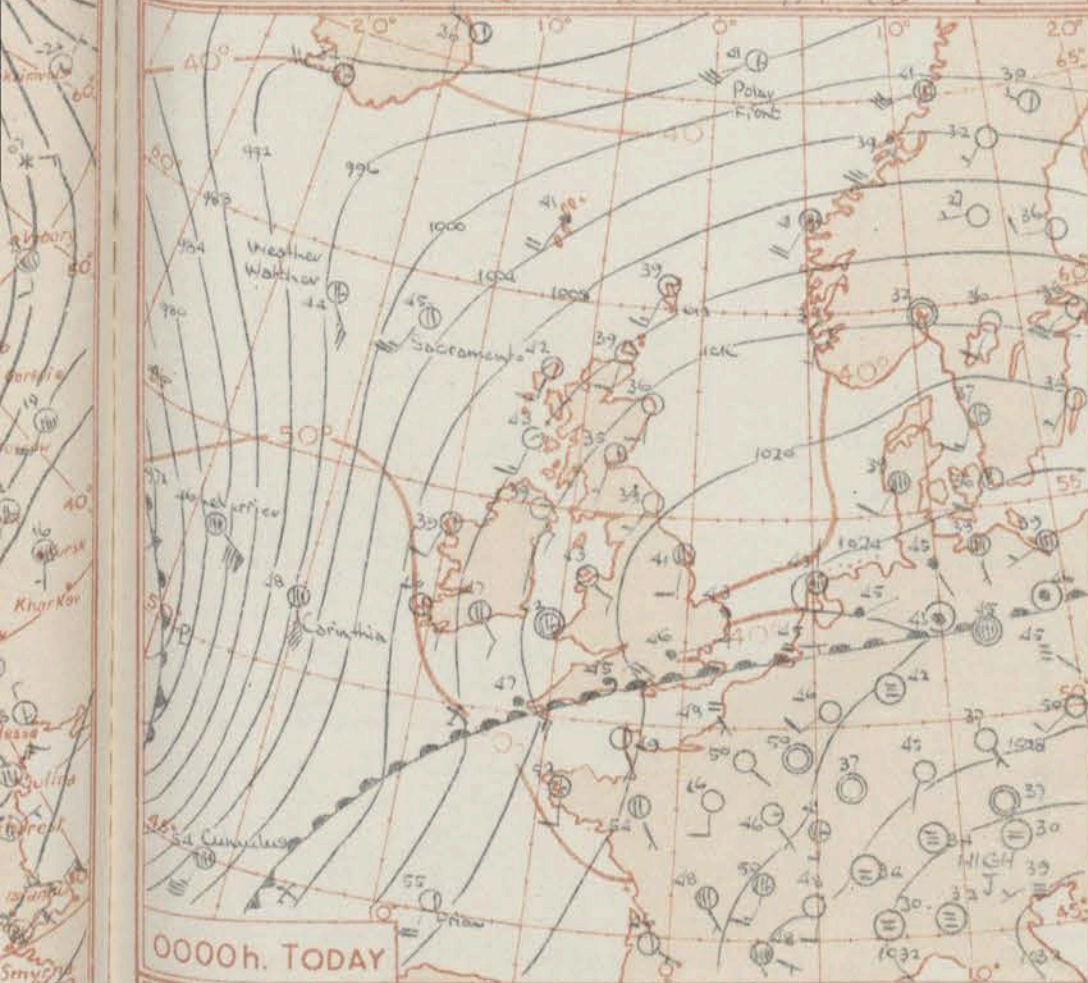
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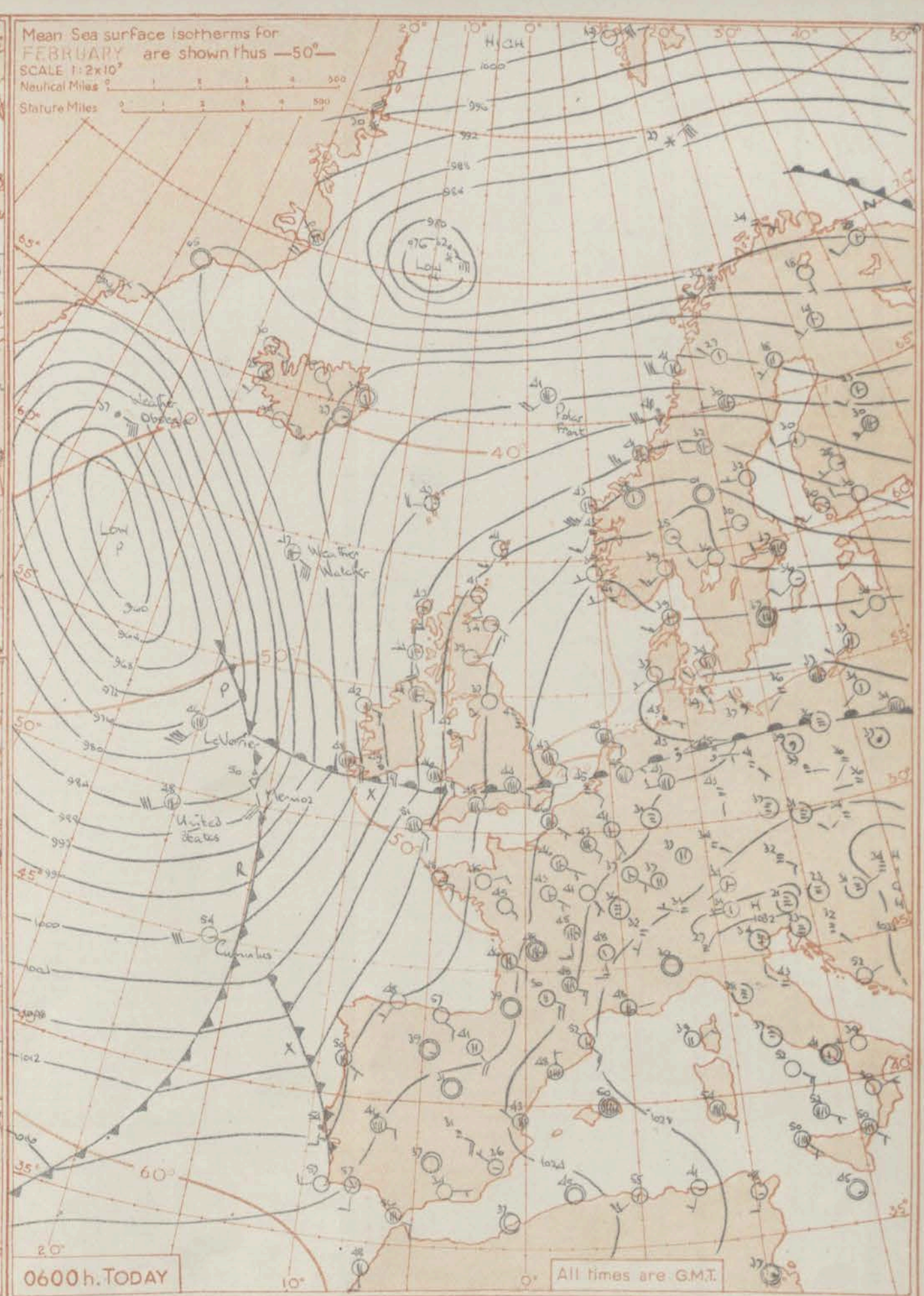
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1800h. YESTERDAY



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0600h. TODAY

All times are GMT.

GENERAL SYNOPSIS DEVELOPMENT A warm front over the English Channel area moved northwards slowly but speeded up in the west this morning as southerly winds increased ahead of a trough off west Ireland. The warm front is expected to move north over all areas while the trough will probably move northeast over Scotland and Northern Ireland but became slow-moving over central and eastern England. Another Atlantic depression will deepen and move northeast from the Azores to off west Ireland tomorrow.

Issued at midday today Sunday 3rd February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow Scotland and Northern Ireland will have periods of rain, heavy at times, with temporary clearances during the night and morning and temperatures will rise to near normal. Over England and Wales it will be mild with rain or drizzle at times in the north and west and bright periods in some central and eastern areas. Southerly gales may be severe for a time in some northern districts.

OUTLOOK FOR the next 24 hours - Continuing changeable with rain and strong winds at times in most areas.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue... Monday 4th February 1957

12h. Ships Reports

Waves			Code F M 21 A		LAT.	LONG.	Total Cloud	Wind			Weather		Cloud					Course		Bar.	Temp.	Waves								
Direction	Period	Height	LAT.	LONG.				Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High			Direction	Speed	Characteristics	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
wdw	Pw	Hw																												
5	3	2	LE. BARRIER	517	166	7	26	33	60	02	8	863	45	7	8	4	-	-	6	4	3	24	58	37	73	4	0			
8	3	8	WEATHER WATCHER	589	168	8	13	50	97	61	6	753	47	4	7	4	2	-	0	0	7	53	82	43	64	4	5			
25	5	7	PLATE FRONT	660	024E	3	29	19	99	15	8	021	39	2	3	5	0	0	6	1	3	32	55	34	49	5	6			
21	4	9	CUMULUS	449	158	7	24	26	70	25	1	091	34	4	9	4	6	2	5	1	2	27	51	46	22	4	7			
11	3	4	WEATHER OBSERVER	021	336	8	10	37	97	02	6	604	41	5	6	3	-	-	0	0	7	05	50	39	61	3	2			
81	5	0	U.S. SHIP "B"	569	310	7	32	30	59	85	8	396	15	6	2	4	-	-	0	0	3	10	72	43	22	6	6			
20	5	4	U.S. SHIP "C"	528	355	6	29	43	69	15	2	895	32	6	2	4	0	0	0	0	2	12	60	15	70	5	1			
4	4	4	U.S. SHIP "D"	440	410	5	32	32	63	15	8	823	39	5	2	5	0	0	0	0	2	19	08	29	32	5	6			
25	4	6	UNITED STATES	495	225	0	25	30	98	23	2	973	41	6	2	4	0	0	5	4	3	12	64	40	27	5	8			
8	3	5	RIALTO	502	380	6	29	32	97	88	7	557	32	6	9	5	0	3	1	5	0	00	70	29	29	4	8			

18h. Ships Reports

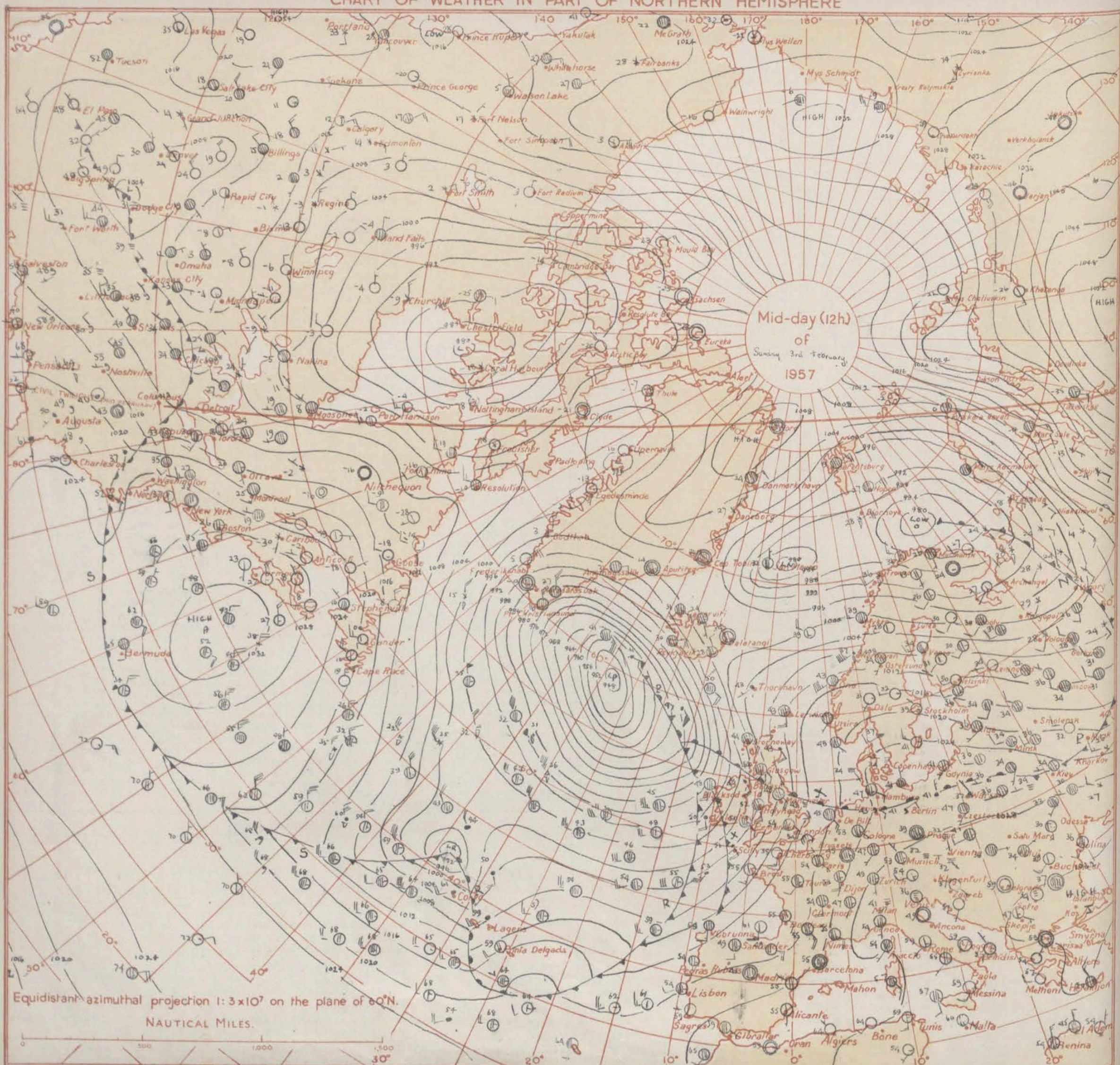
Ship	LAT.	LONG.	Wind				Weather				Cloud					Course		Bar.		Temp.		Waves		
			Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
LpLpLp	LoLoLo	N	dd.	ff	VV	ww	W	PPP	TT	Nh	CL	H	CM	CH	Dz	Vs	a	pp	Ts	Td	Td	dwdw	Per	Hw
U.S. SHIP "B"	440	210	7	29	35	59	87	2	082	36	7	2	5	-	0	0	3	12	71	28	30	3	9	
WEATHER OBSERVER	522	333	4	07	45	95	61	6	126	40	8	7	3	-	3	1	7	24	51	39	59	3	7	
U.S. SHIP "C"	528	385	6	29	48	39	85	8	092	29	6	2	4	0	0	0	4	00	63	23	80	5	4	
HEARMOZ	616	177	7	25	34	60	15	8	903	65	7	9	4	-	6	2	2	25	56	37	73	4	1	
POLAR FRONT	660	030 E	2	24	17	99	02	1	052	39	2	5	5	0	0	0	1	07	54	30	26	5	4	
LE VERRIER	520	165	5	29	21	07	01	2	902	65	5	3	4	0	0	3	4	2	45	56	36	24	4	6
LUMULUS	480	159	8	20	20	65	02	2	031	54	1	1	4	7	-	0	0	5	02	50	46	24	5	9
WEATHER WATCHER	588	169	5	19	26	98	01	6	730	43	5	8	4	0	0	0	0	1	56	38	20	4	8	
KEYSTONE STATE	488	205	4	29	14	98	15	2	749	48	4	9	5	0	0	2	6	4	00	54	38	29	6	9
CALANDHU	519	330	6	27	28	98	27	8	853	34	4	2	5	6	0	6	4	2	18	59	31	27	2	7

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

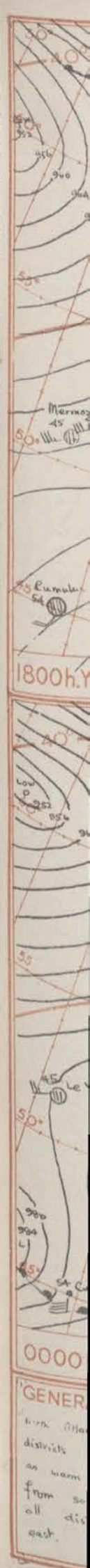
* Information not usually received.

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

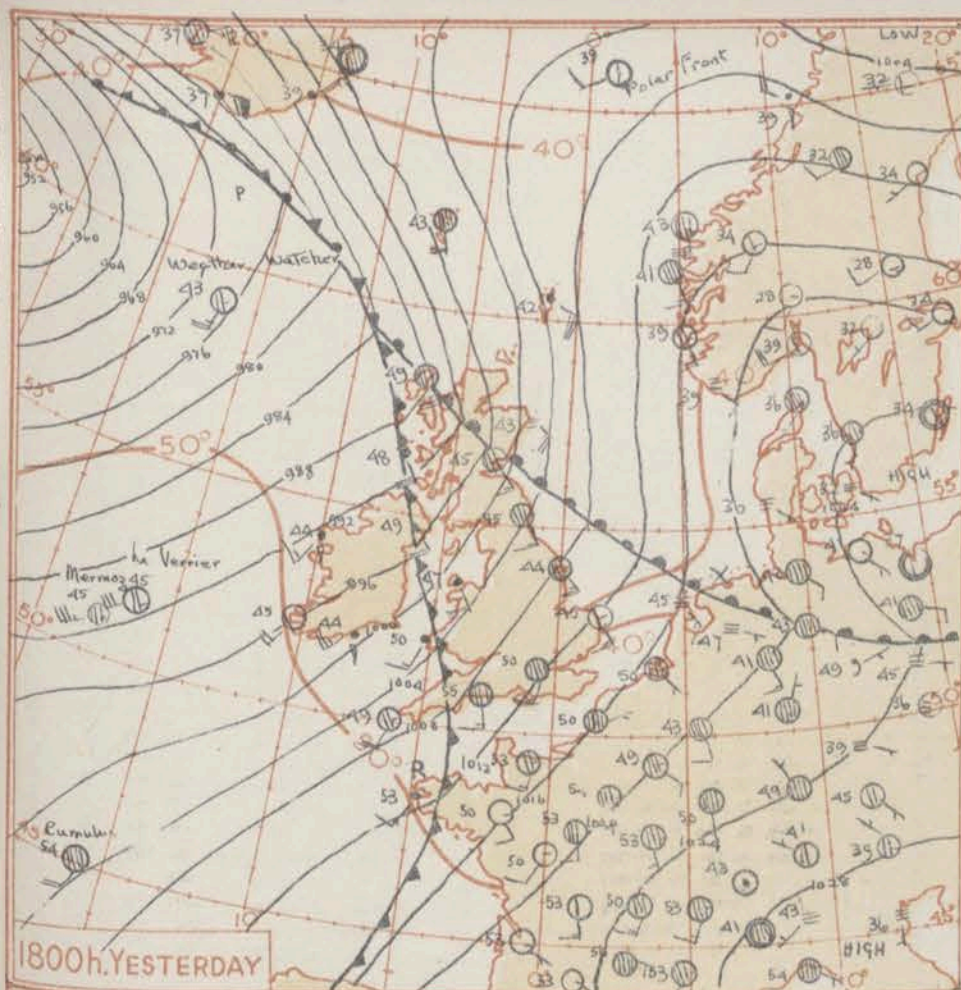
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



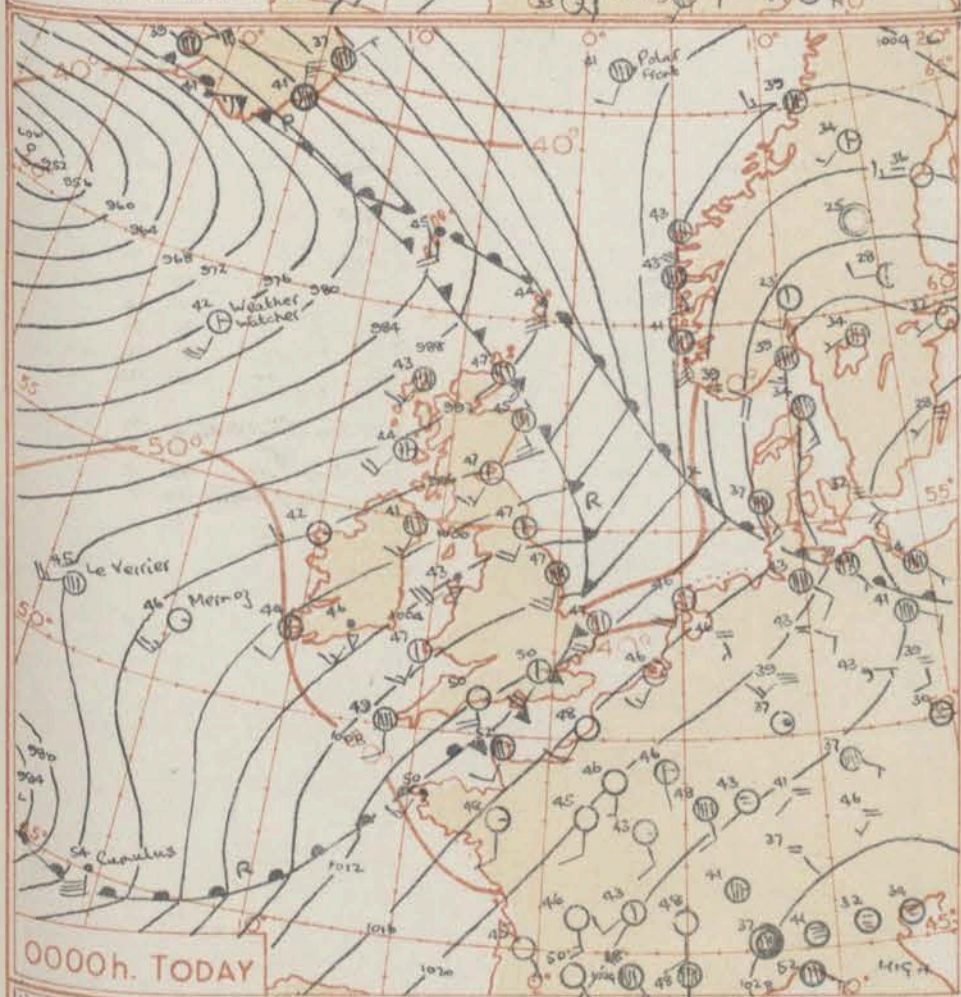
Equidistant azimuthal projection 1:3x10⁷ on the plane of 60°N.
NAUTICAL MILES.



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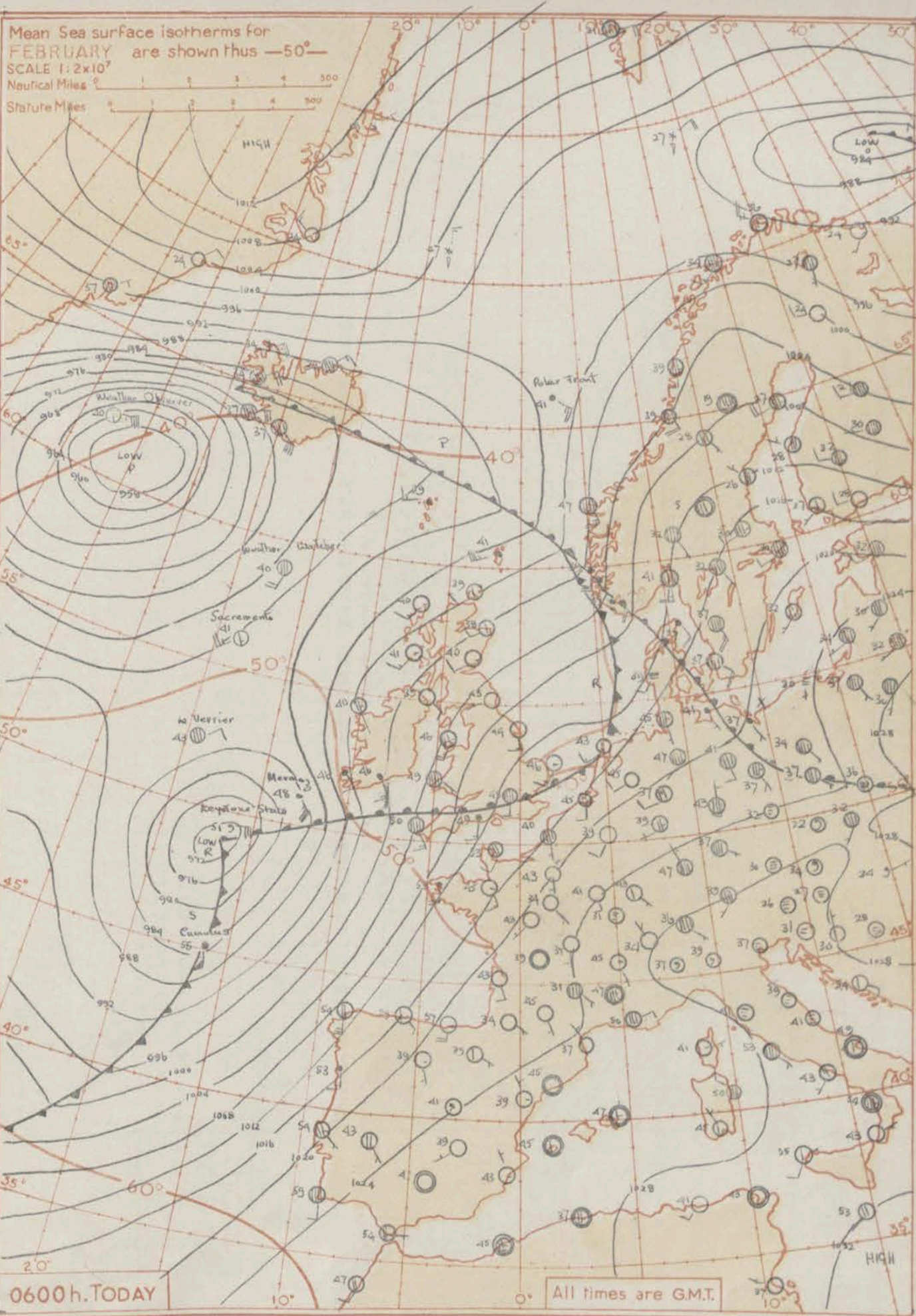


1800h. YESTERDAY



0000h. TODAY

Mean Sea surface isotherms for
FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles
Statute Miles



0600h. TODAY

All times are G.M.T.

GENERAL SYNOPSIS DEVELOPMENT

A deep depression in the North Atlantic moved slowly north with associated fronts crossing all districts of British Isles yesterday and last night. The cold front however is returning quickly as a warm front in association with a deepening wave depression now approaching British Isles from south-west. This system will move north to north-east with fronts crossing all districts in next 24 hours but a minor wave may affect the south-east.

Issued at Mid-day today Monday 4th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

and mainly dull weather with rain at times will be followed by colder brighter weather with showers which will be frequent in western and northern districts with thunder in places. Showers will fall as snow over hills in north-west. Strong to gale winds will spread to all areas today moderating later in southern districts.

OUTLOOK FOR NEXT 24 HOURS:-

Rather cold and showery in west and north. Showers more scattered in east and south with temperatures near normal.

No.

06h. Ships Reports

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* Information not usually received.

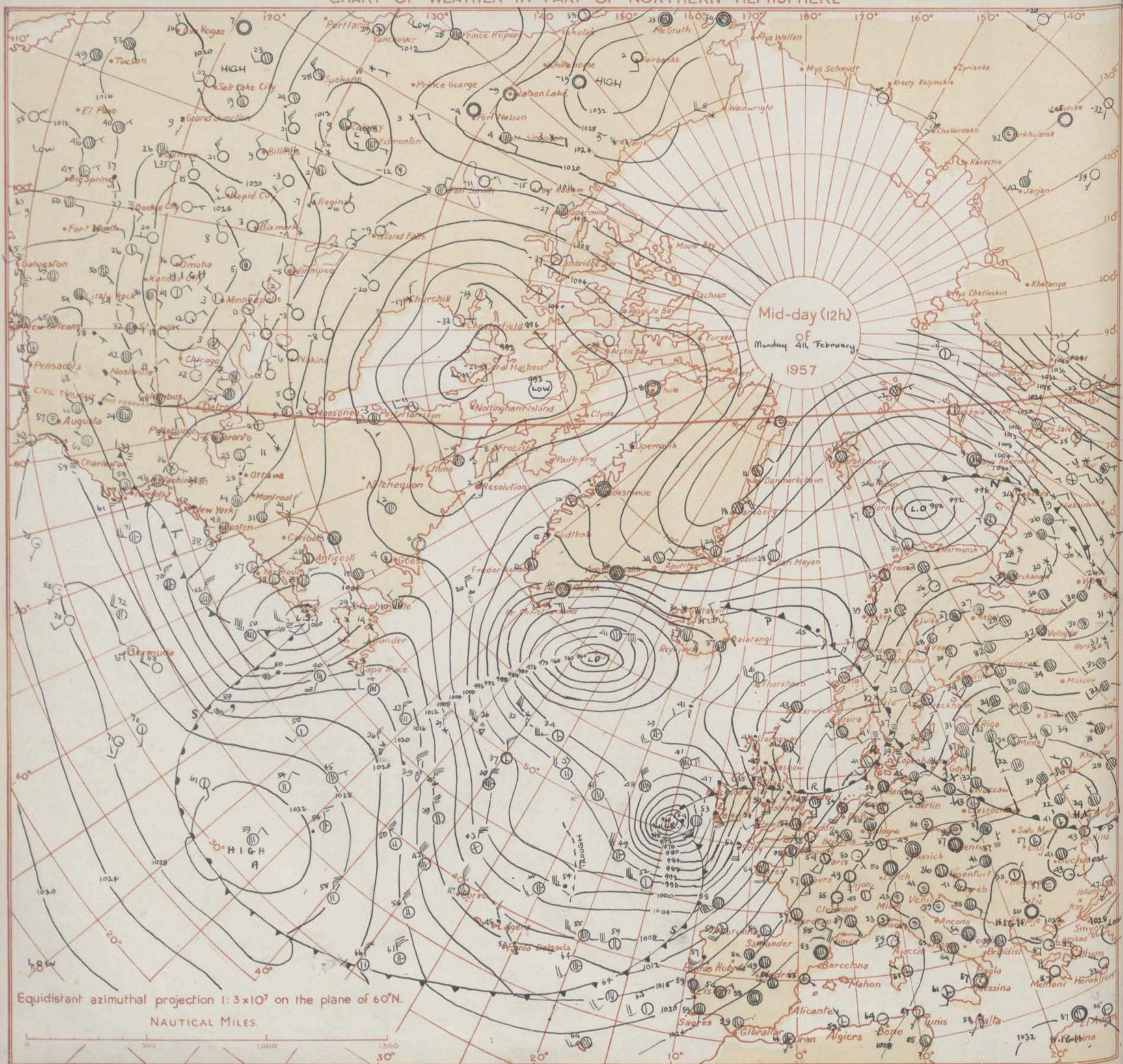
Date of Issue Tuesday 5th February, 1957

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

* Information not usually received.

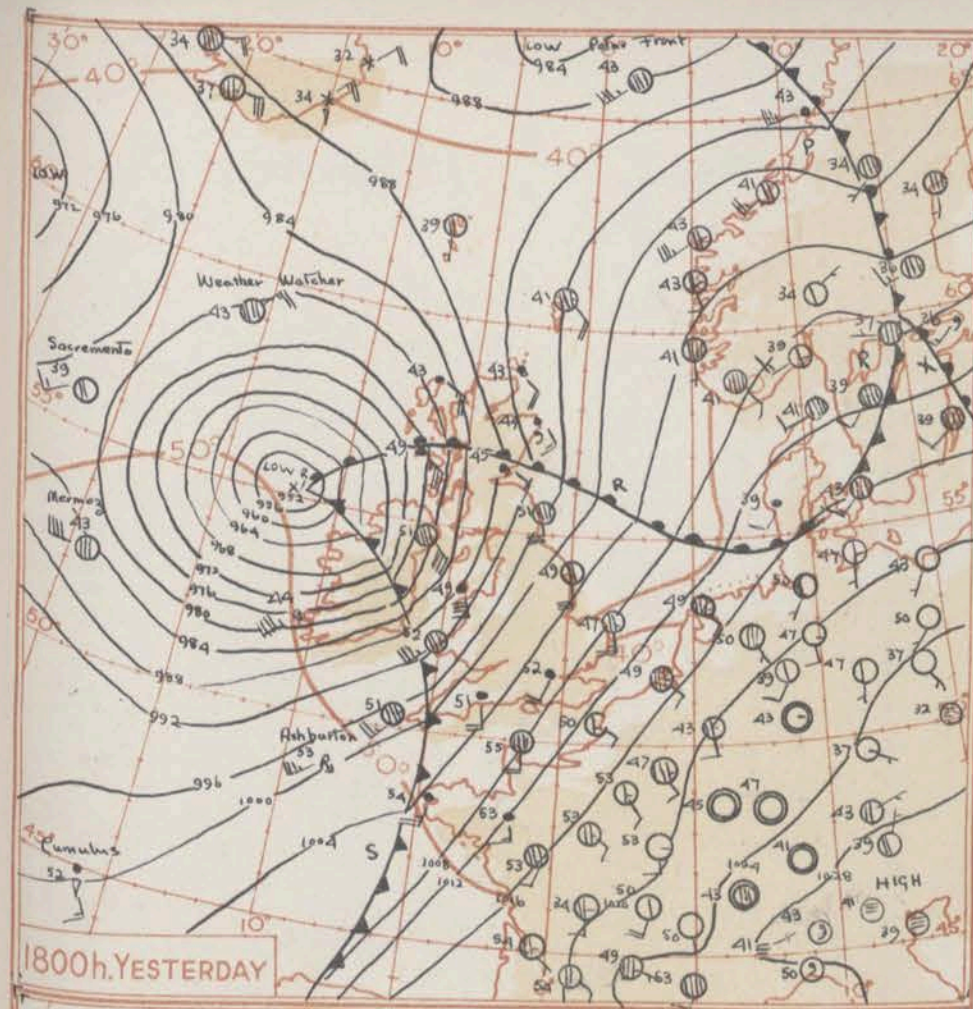
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

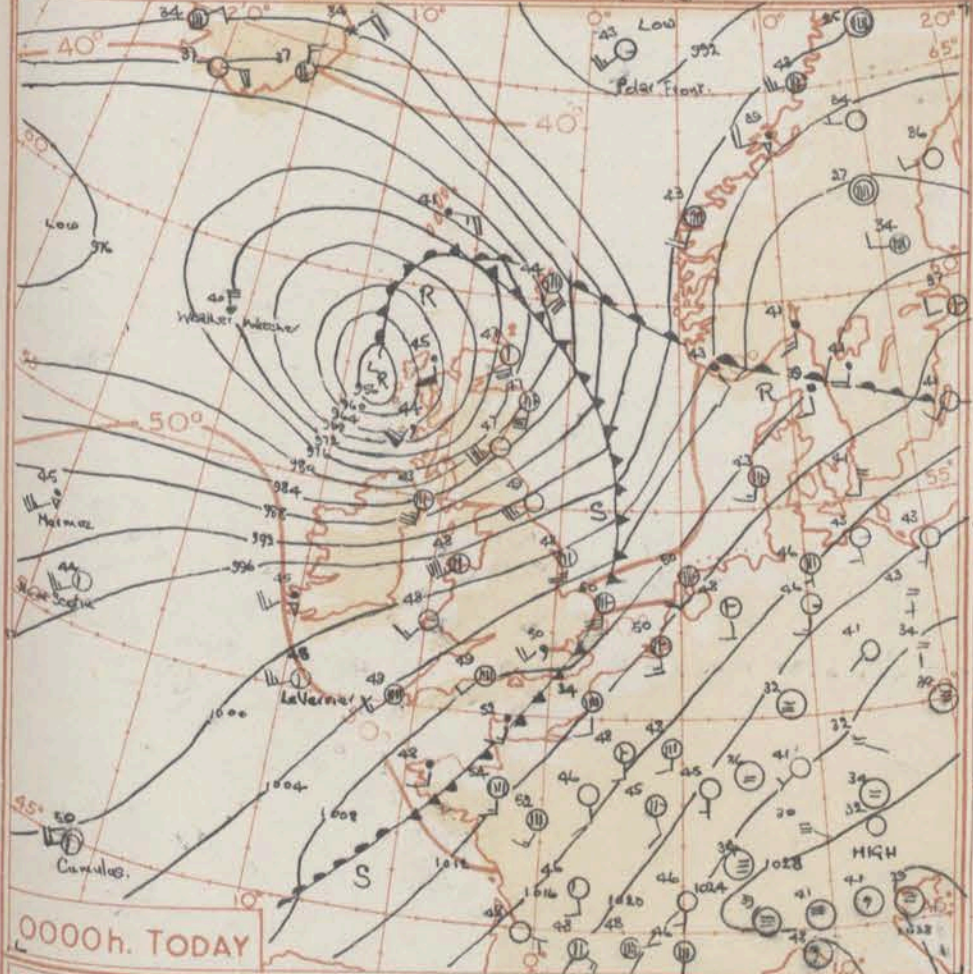


Equidistant azimuthal projection 1:3x10⁷ on the plane of 60°N.

NAUTICAL MILES.

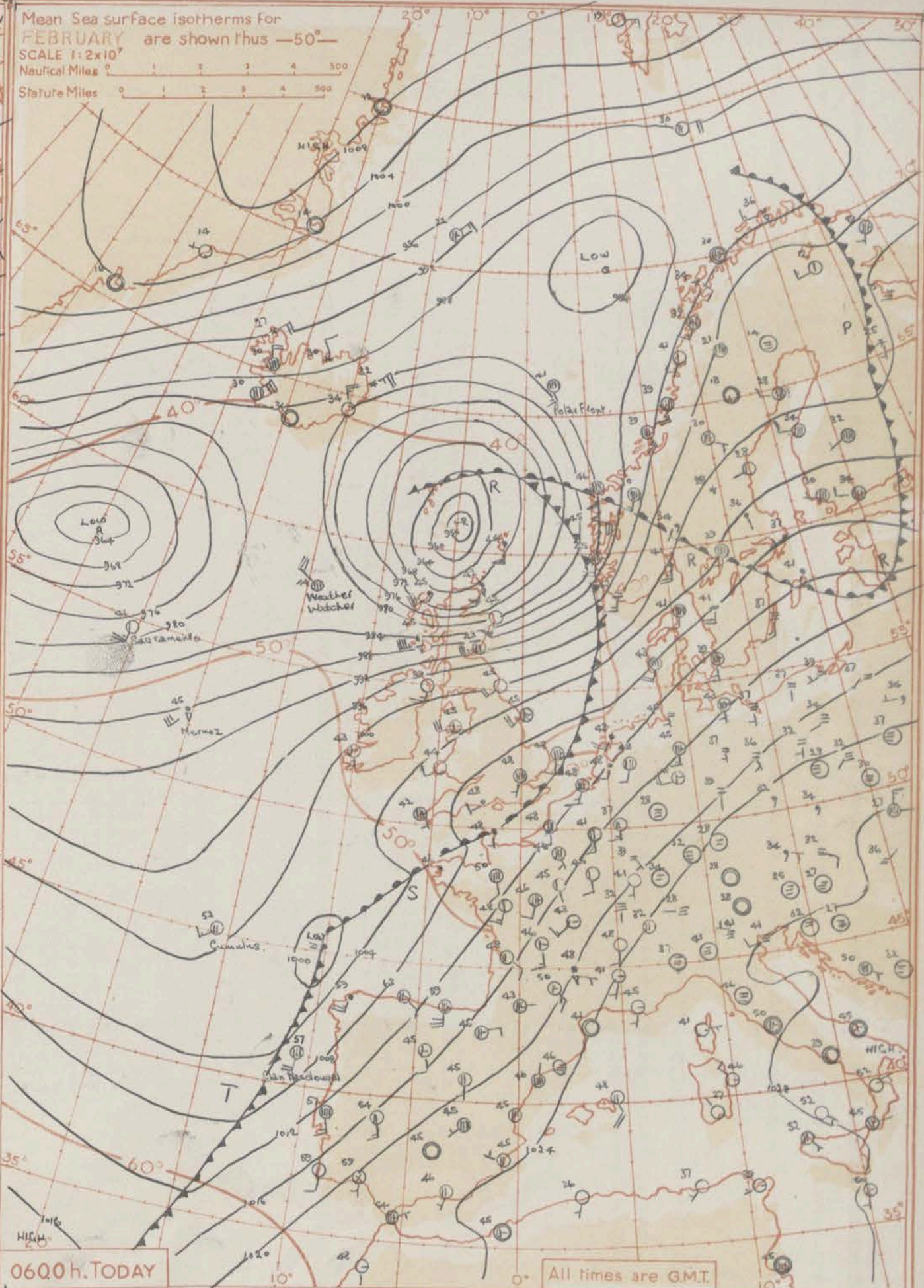


1800h. YESTERDAY



0000h. TODAY

Mean Sea surface isotherms for
FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



0600h. TODAY

All times are GMT.

GENERAL SYNOPSIS DEVELOPMENT. A deep and vigorous depression moved north-north-eastwards near Ireland and western Scotland. The fronts of this depression crossed all districts of the British Isles. Later a wave on the cold front developed off Portugal and this is expected to move north-north-eastwards to affect most districts of the British Isles.

Issued at Mid-day today Tuesday 5th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Gales over Scotland, which will be severe in the north at first, will moderate slowly. Showery weather, particularly in the north, will give way to a clear interval and this will be followed by dull rainy weather spreading slowly northwards from southern districts of England and Wales.

OUTLOOK FOR NEXT 24 HOURS:- Rain at times in most districts with renewal of gales in some northern and western areas.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

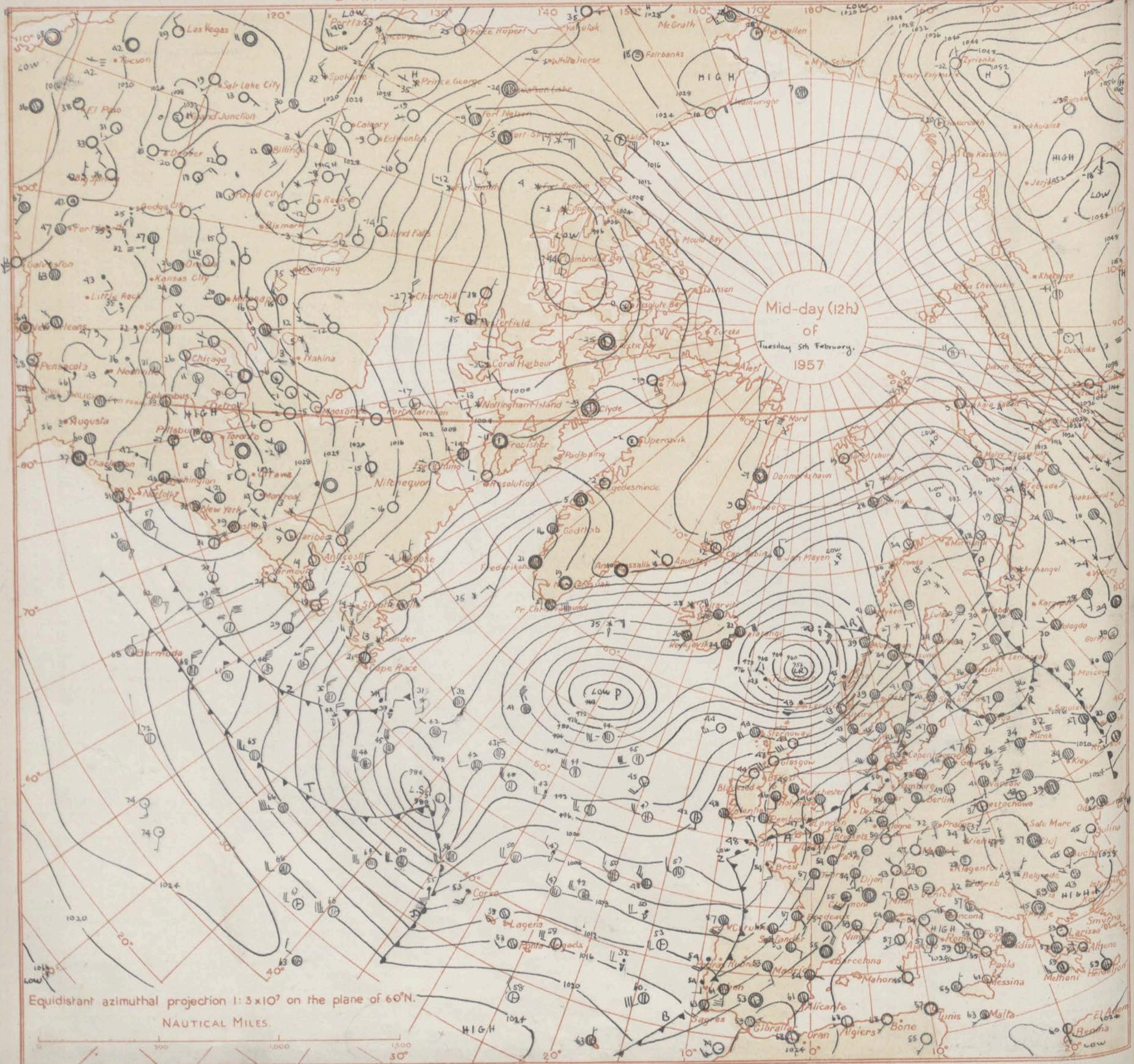
Date of Issue Wednesday 6th February 1957

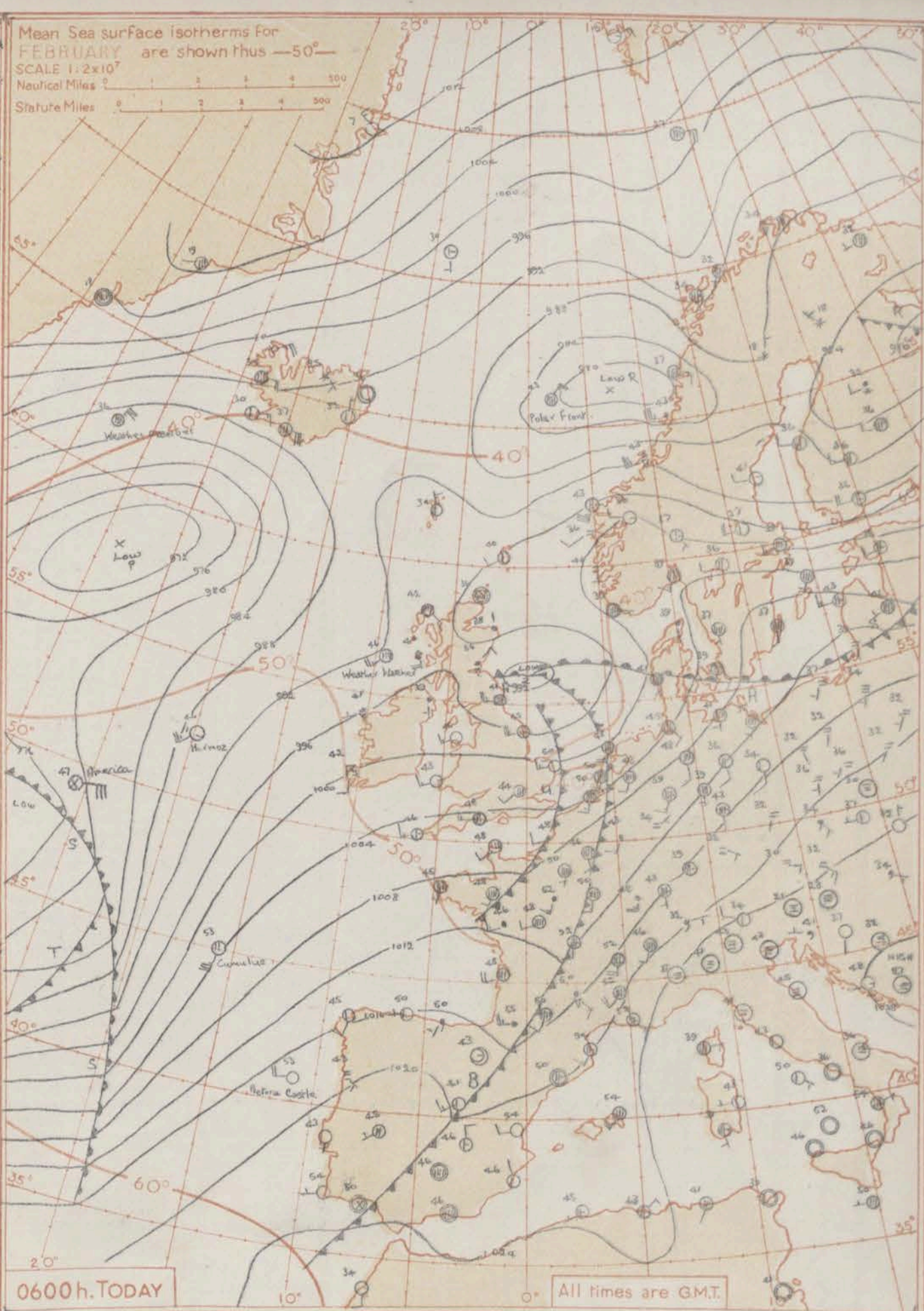
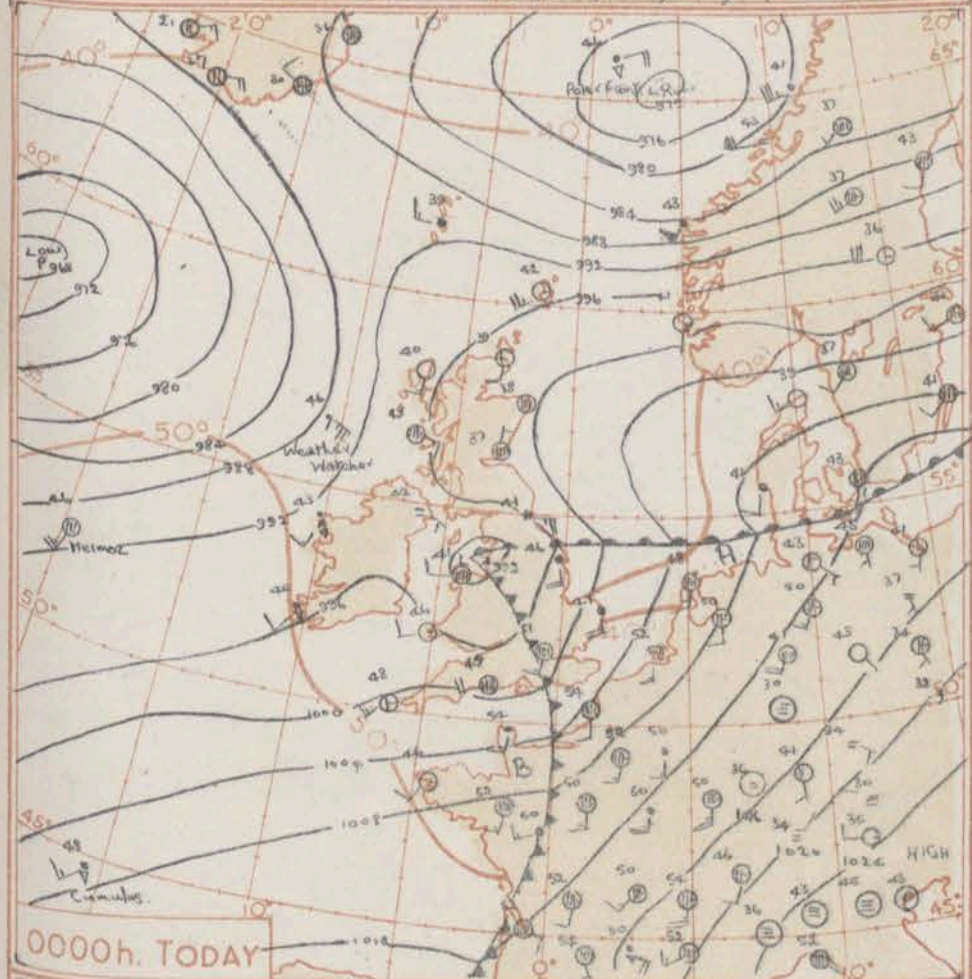
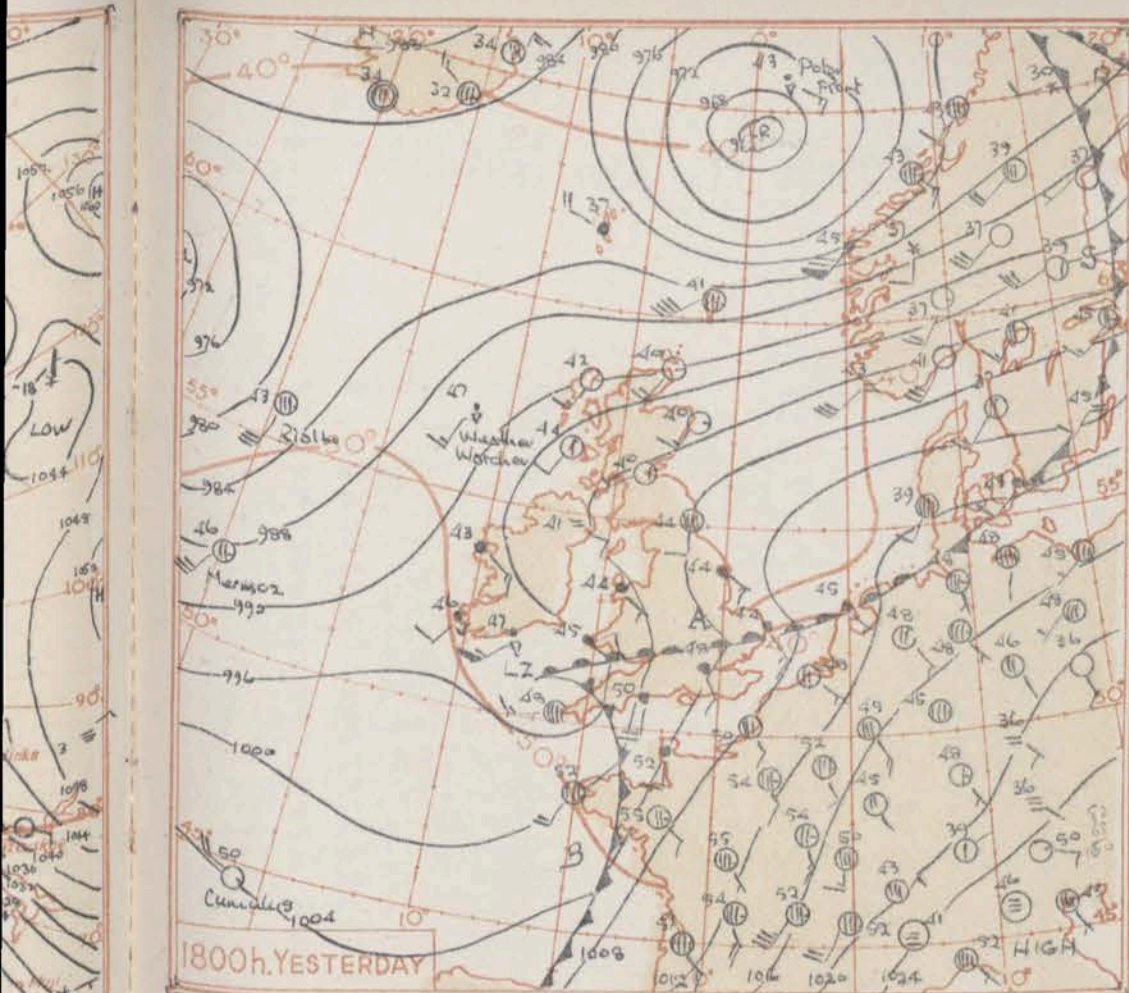
All times of observation printed in this publication are GREENWICH MEAN TIME.

* 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

An intense depression off north Scotland yesterday morning moved away northeastwards while another depression which developed in the Bay of Biscay early yesterday moved across Wales and northern England and is now over the northern North Sea. It will continue to move northeast followed by a small ridge. During tonight and tomorrow morning the frontal system of a deepening depression in mid-Atlantic will move eastwards into western districts of the British Isles.

Issued at mid-day today Wednesday 6th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Rain in northern and eastern Scotland with sea clear. Otherwise all districts of the British Isles will have sunny periods and scattered showers today. During tonight and tomorrow morning dull weather with rain and strong to gale force winds will spread eastward across most districts. Temperatures will be near normal.

OUTLOOK FOR next 48 hours:- Rain and high winds at times in most places.

No

OBSERVATIONS at 06h. G.M.T. 6th February 1953

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WestBosco
Rosa

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Aber

Pemb
Plym

Chive
St. Ma

Culdr
Scilly

Shaw

Squir

Ronald

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THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Thursday 7th February 1957

No 3277C

NIGHT

12h. Ships Reports

18h. Ships Reports

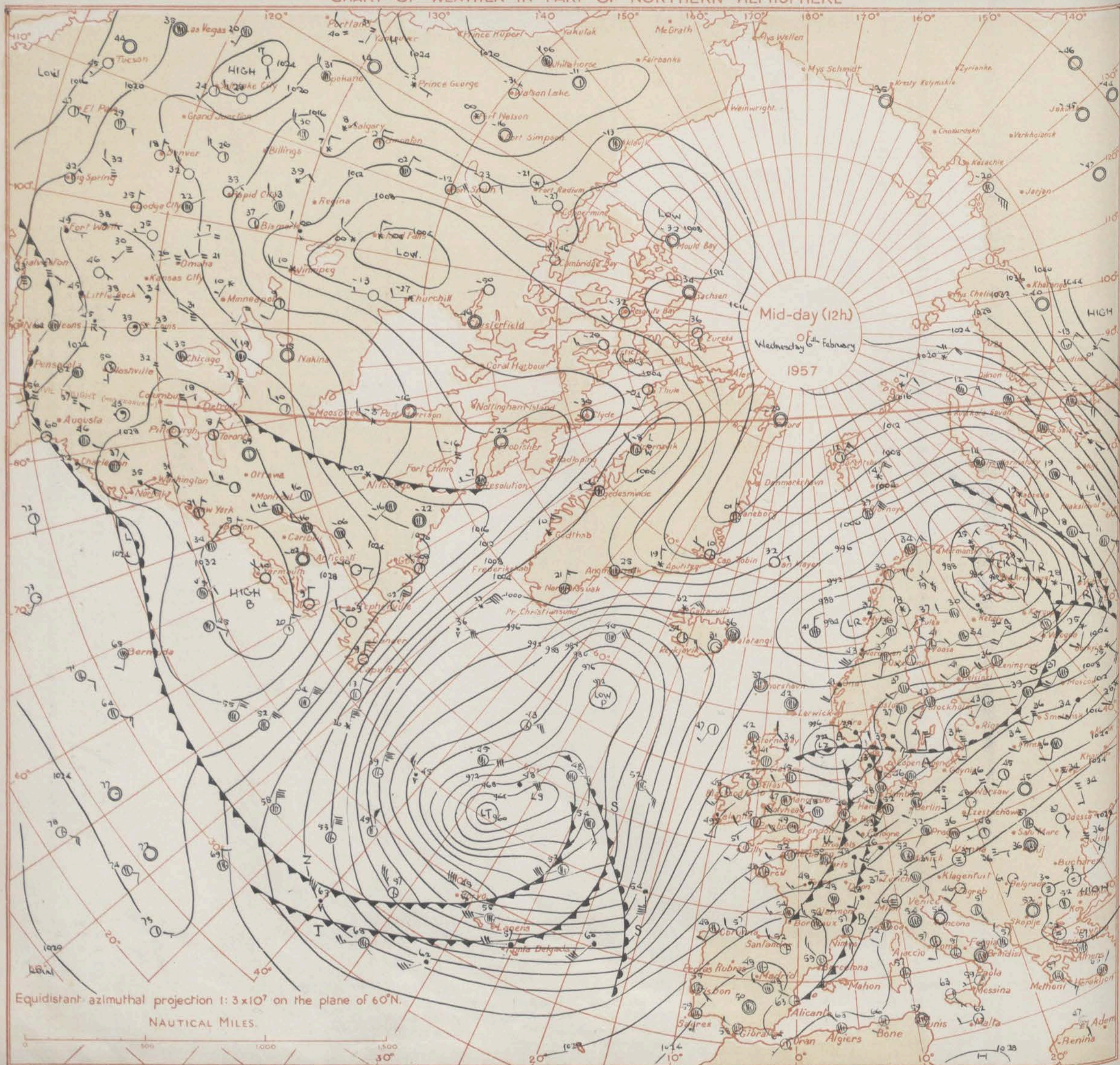
Code FM 21.A		Ship																				Ship																											
Ship	LAT.	LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Course		Bar.	Temp.	Waves		Ship	LAT.	LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Course		Bar.	Temp.	Waves									
			Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours			Sea	Down Point				Direction	Period	Height	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction			Speed	Character	Change in 3 hours	Sea	Down Point	Direction	Period	Height		
Lalala	Lololo	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	Lalala	Lololo	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw		
MEMMOZ	525	199	7	13	24	70	03	2	850	52	5	8	4	7	6	0	0	8	37	50	43	23	5	4	CUMULUS	449	159	8	19	39	40	60	6	911	59	7	7	2	2	-	4	1	7	02	02	59	69	5	6
CUMULUS	451	194	8	17	45	57	61	8	972	54	7	7	4	2	-	4	1	7	26	52	50	68	5	2	MEMMOZ	523	194	8	13	24	60	21	6	742	52	4	7	4	7	-	3	1	8	59	51	50	21	9	4
WEATHER OBSERVER	617	335	8	02	33	98	21	6	850	40	4	5	4	2	-	0	0	7	02	31	35	54	3	1	WEATHER OBSERVER	618	333	7	06	20	98	01	6	845	39	4	6	4	0	2	1	3	47	92	37	05	3	9	
WEATHER EXPLORER	559	085	7	24	25	98	25	8	980	47	7	3	5	-	-	7	3	2	19	51	38	24	4	7	WEATHER EXPLORER	962	095	2	22	22	98	02	8	992	49	2	3	5	0	0	7	3	2	09	91	38	25	4	6
WEATHER WATCHER	558	072	4	28	24	98	15	1	984	46	4	3	5	0	0	3	4	2	37	52	40	29	3	4	WEATHER WATCHER	552	057	1	23	15	98	01	1	046	47	1	4	6	0	0	3	3	2	31	01	45	49	8	2
U.S. SHIP "B"	565	498	8	36	42	18	71	7	05	37	3	7	3	2	-	0	0	2	24	60	23	51	4	1	U.S. SHIP "D"	440	410	8	32	40	37	61	6	882	44	3	7	2	2	-	0	0	1	19	67	62	81	6	9
U.S. SHIP "C"	528	355	3	02	27	69	02	1	801	43	3	2	4	0	0	0	0	3	07	80	35	29	4	6	U.S. SHIP "C"	528	355	6	36	18	69	02	1	809	43	6	2	4	0	0	0	0	1	05	00	35	30	4	8
U.S. SHIP "D"	440	410	8	32	55	19	80	8	827	45	8	7	3	-	-	6	2	2	77	x	x	x	x	x	POLAR FRONT	660	820E	7	02	13	98	15	8	941	43	7	8	5	-	-	3	3	2	17	31	34	49	4	4
U.S. SHIP "E"	350	480	6	32	40	65	25	8	157	58	6	2	5	0	0	0	0	3	20	56	48	24	5	9	CLAN CHISHOLM	466	094	8	18	32	97	62	1	048	53	8	5	4	-	-	1	5	7	22	00	33	28	6	7
POLAR FRONT	463	014E	7	01	13	49	14	2	403	41	4	8	5	5	0	0	0	2	34	01	37	44	4	4	DISCOVERY II	482	123	9	18	57	44	51	5	423	32	8	7	1	-	-	4	1	7	37	52	52	68	4	0

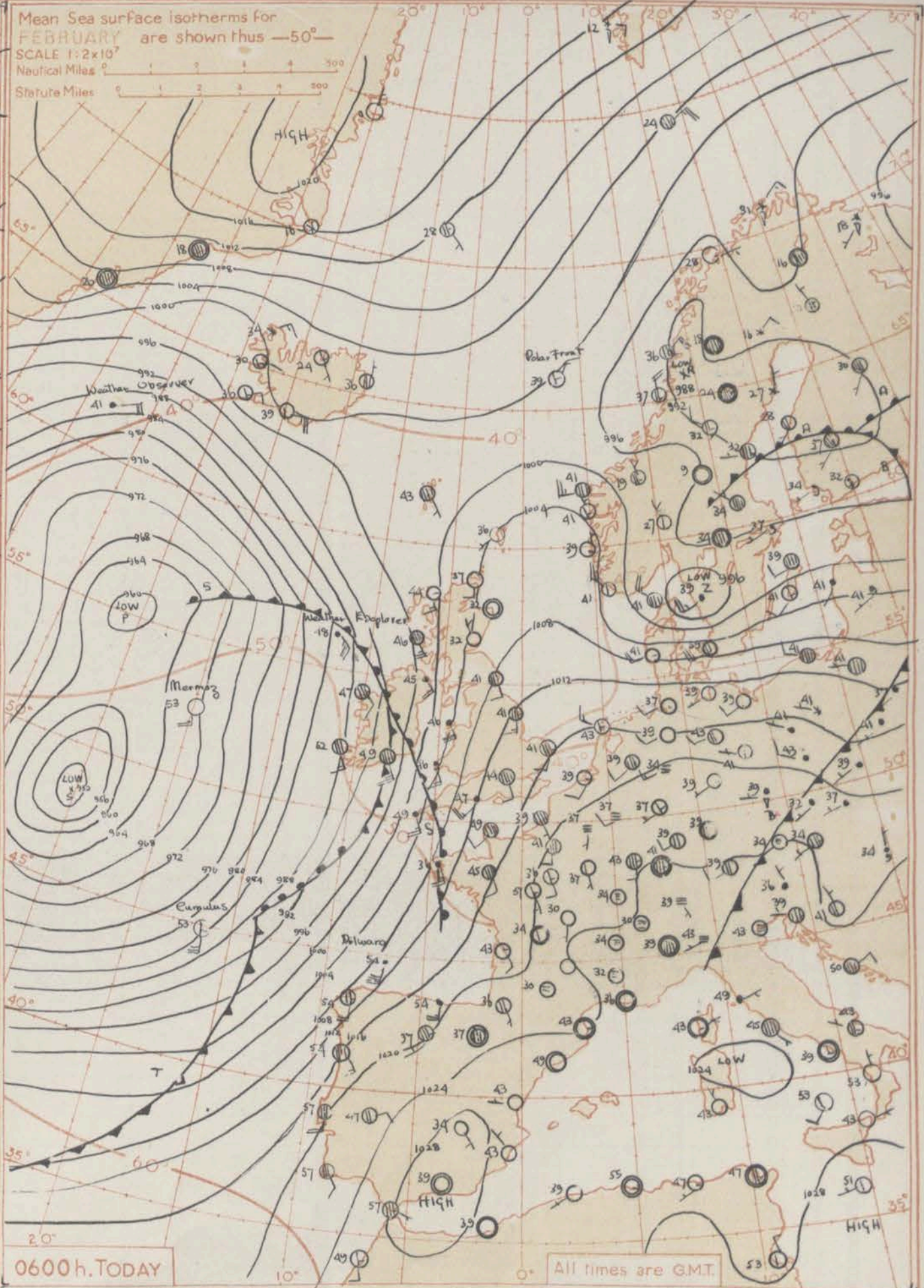
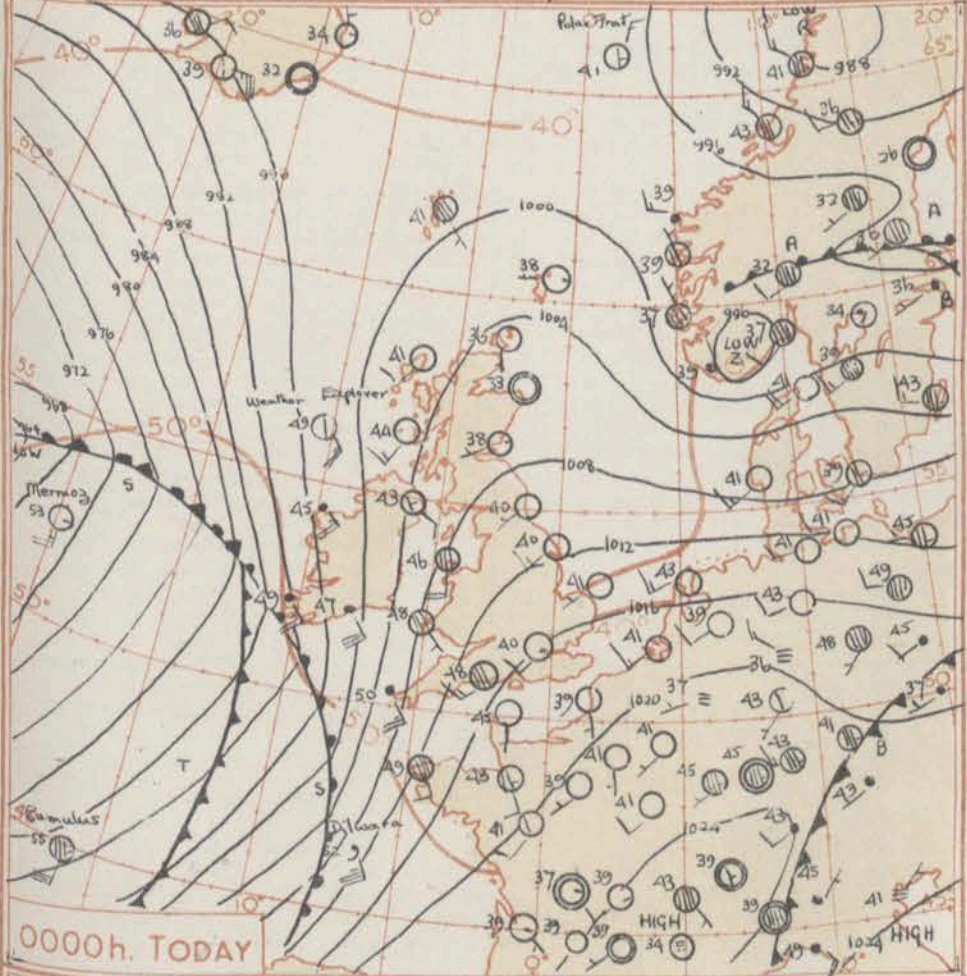
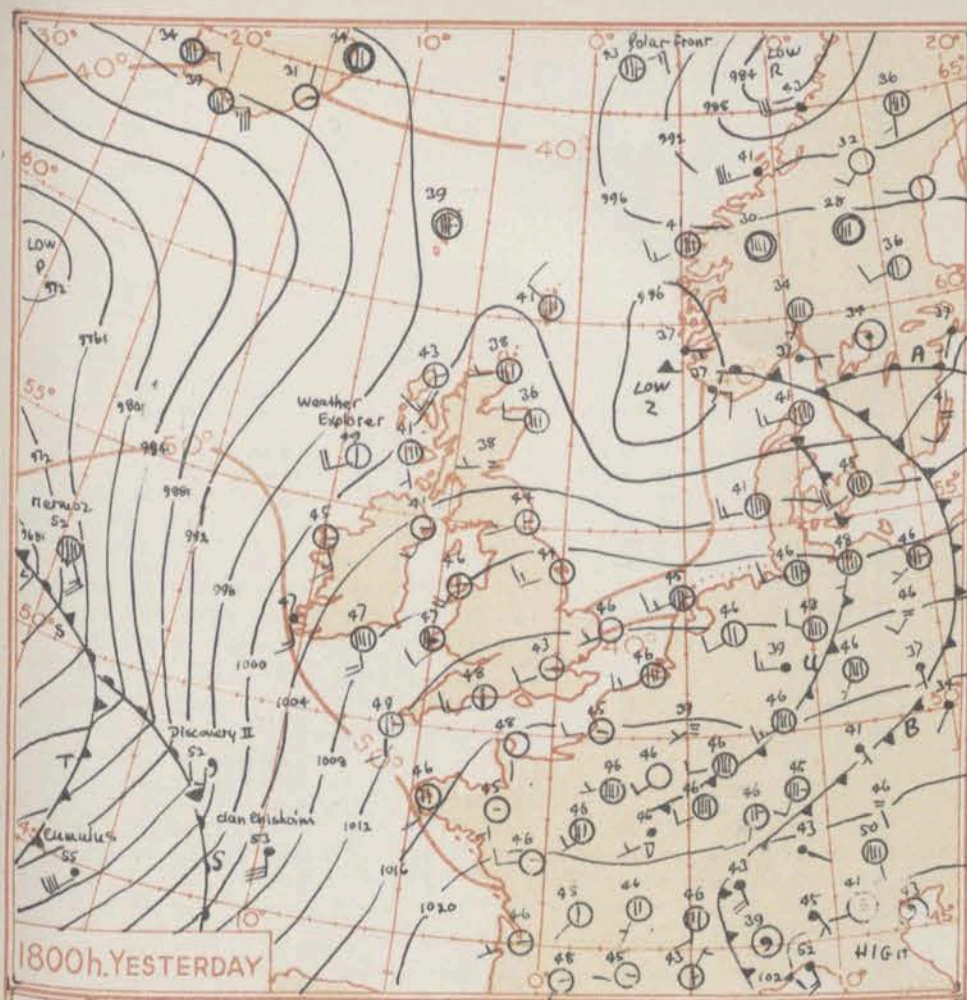
All times of observation printed in this publication are GREENWICH MEAN TIME.

^a 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 frontal system of the deepening depression over mid-Atlantic moved eastward across Ireland during the latter part of the night and caused renewed gales in western districts of Great Britain as well as over Ireland. This deep depression is now expected to be relatively slow moving over mid-Atlantic but the associated frontal system will cross the British Isles; secondary depressions may however develop on the cold front as it moves across the country.

Issued at Mid-day today — Tuesday 7th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Dull, mild rainy weather is expected almost everywhere today and is likely to continue to affect much of Great Britain tonight and possibly also tomorrow morning with strong to gale force winds in places. Brighter showery weather will however reach Ireland today and spread gradually eastwards into Great Britain tonight or tomorrow morning.

OUTLOOK FOR near 24 hours. Strong to gale force winds are likely to continue to affect many parts of the British Isles with short periods of rain or heavy showers.

H.M.S.O. Price, 6s. 0d. Dunstable.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue. Friday, 8th February 1957

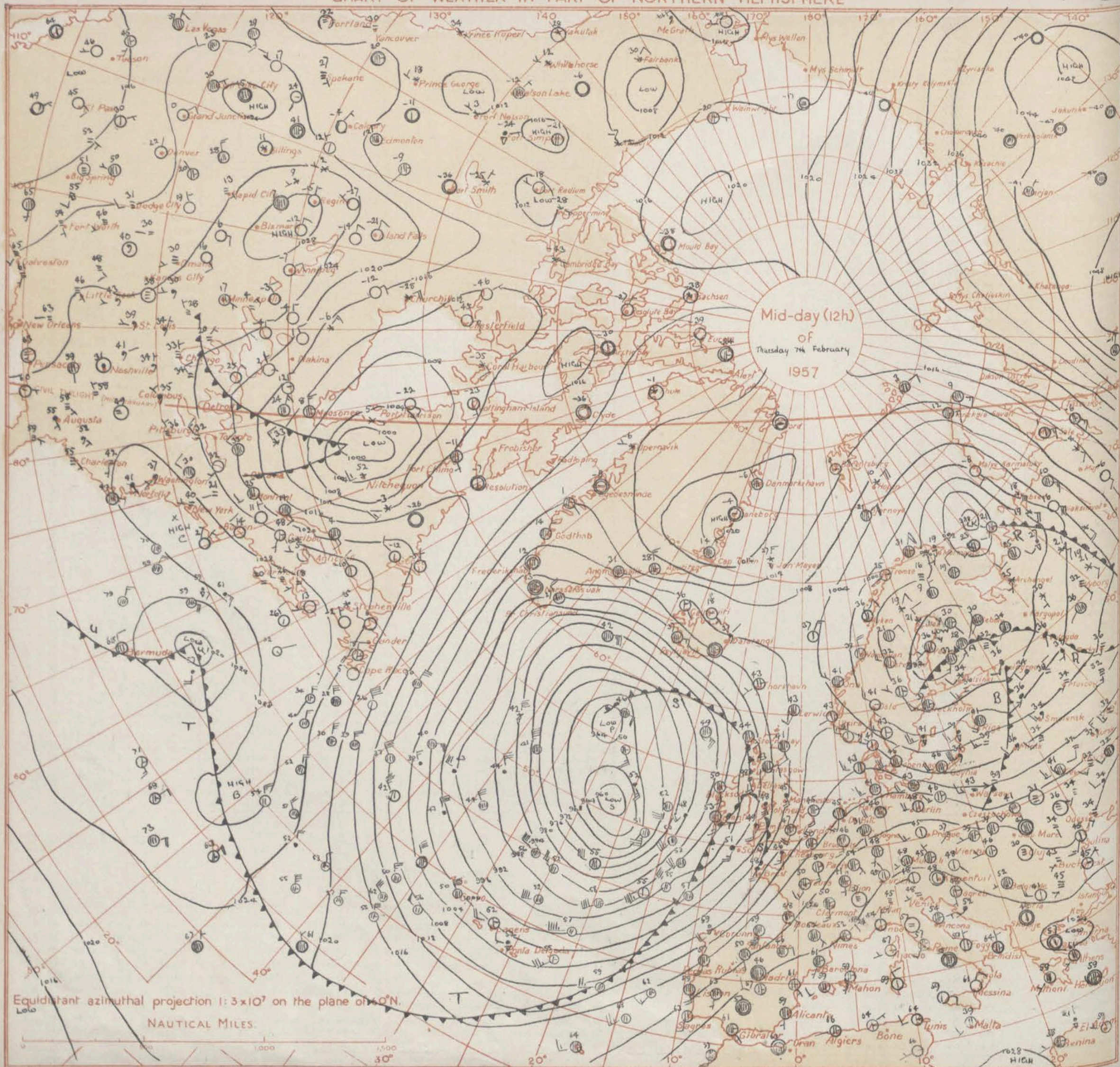
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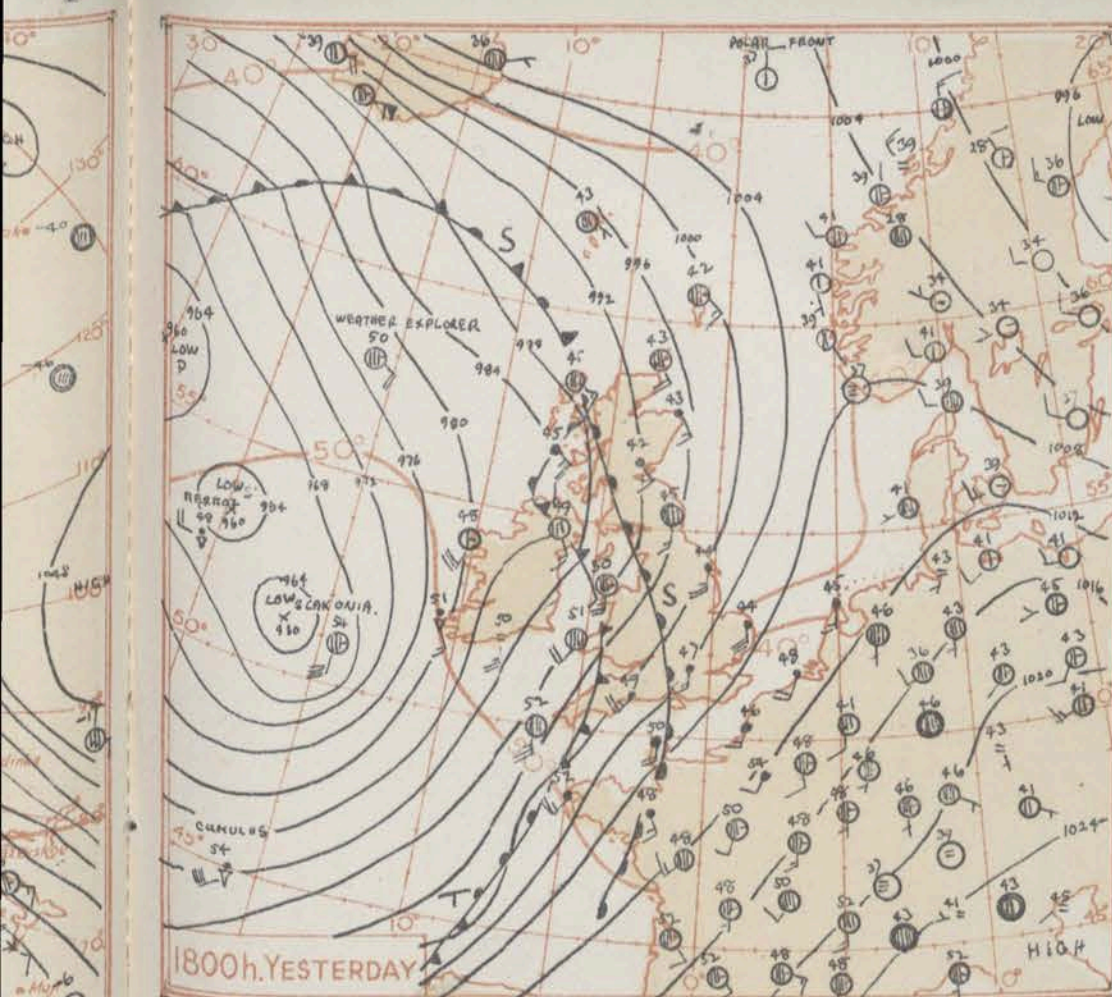
* Information not usually received.

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

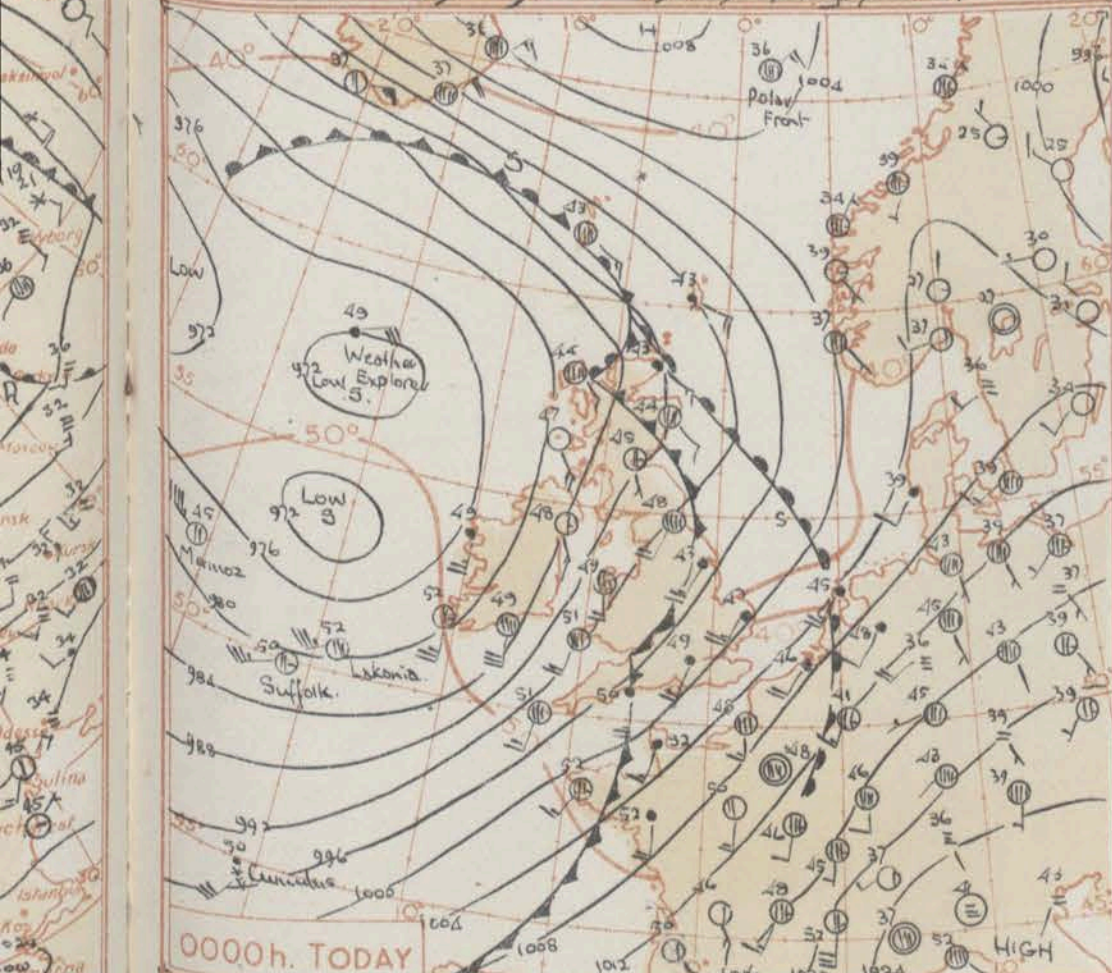
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



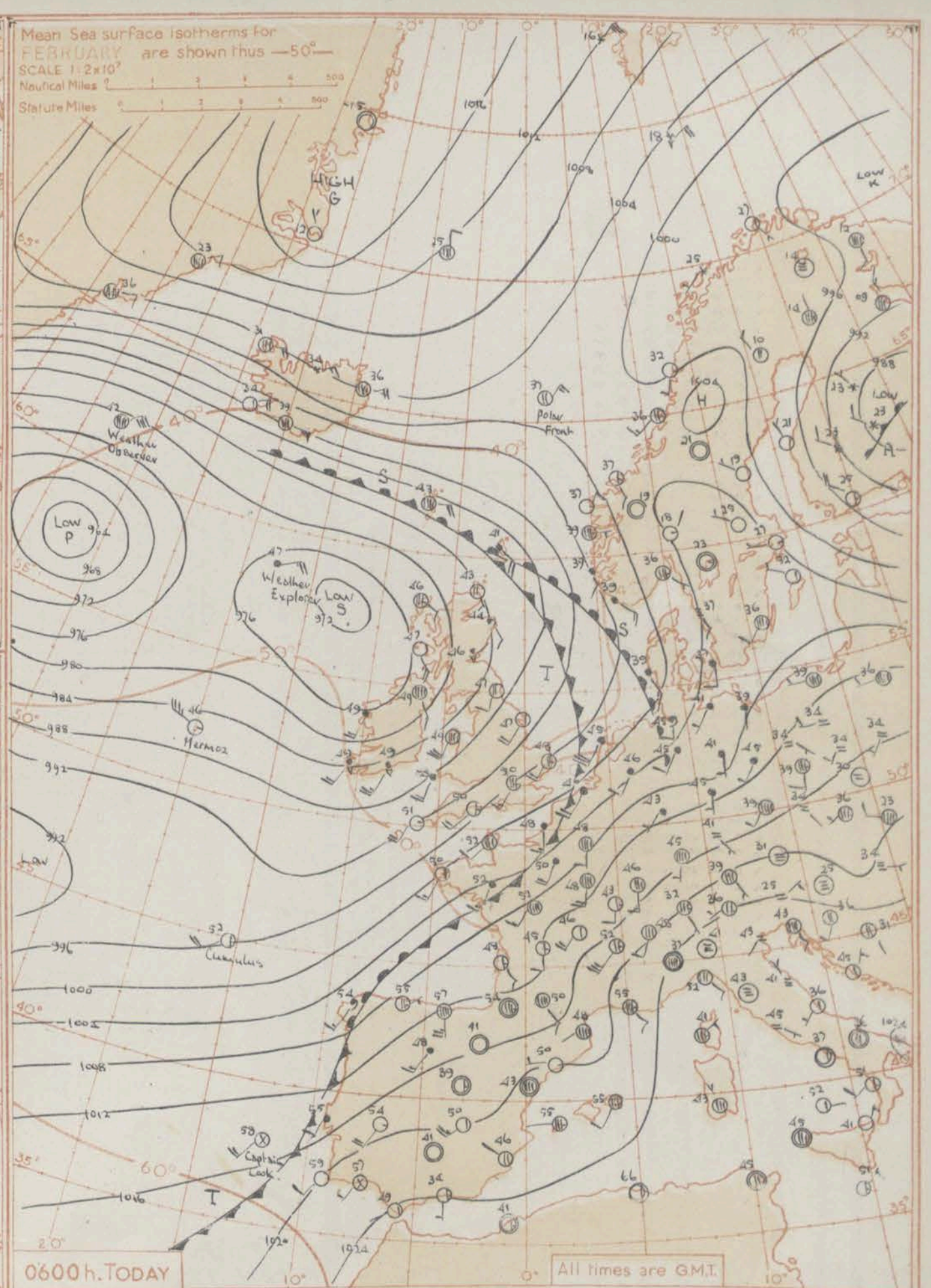
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1800h. YESTERDAY



0000h. TODAY



0600h. TODAY

All times are GMT.

GENERAL SYNOPSIS DEVELOPMENT

A deep depression in Atlantic moved north east and the associated fronts moved across the British Isles. A further trough has moved into Ireland from the west and is expected to cross the British Isles followed by a ridge of high pressure. A polar low depression north of the Azores will move east and later turn north east towards Ireland.

Issued at Mid day today Friday 8th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

It will be showery with some bright periods. Showers may be heavy, with perhaps thunder in the west and north. Further rain and southerly gales may reach the south west by morning. It will be mostly mild in the south but it will become temporarily cold in the north with night frost in places.

OUTLOOK FOR the following 24 hours... Rain or showers in most places with strong southerly winds. Temperatures mostly near the seasonal normal.

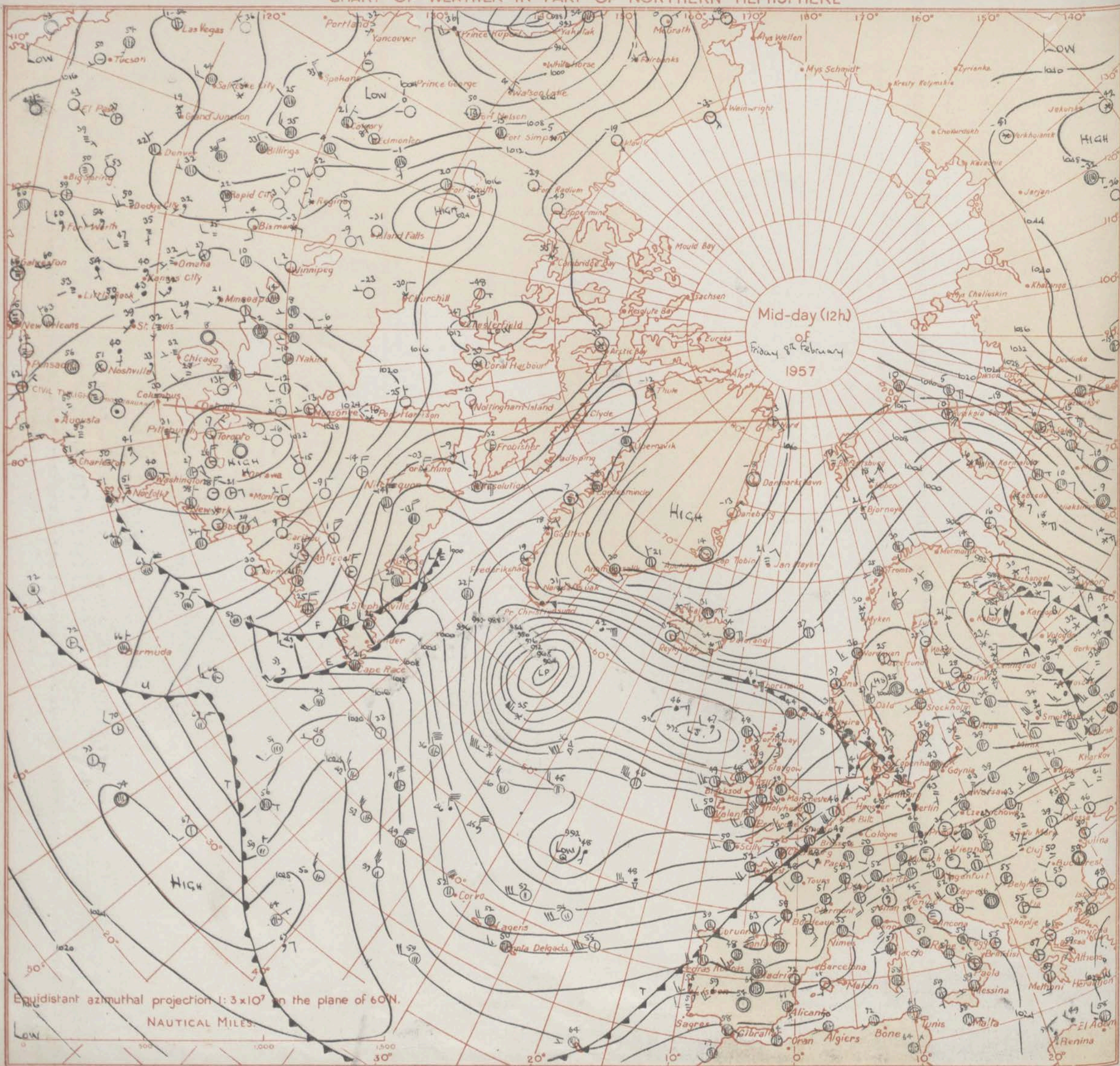
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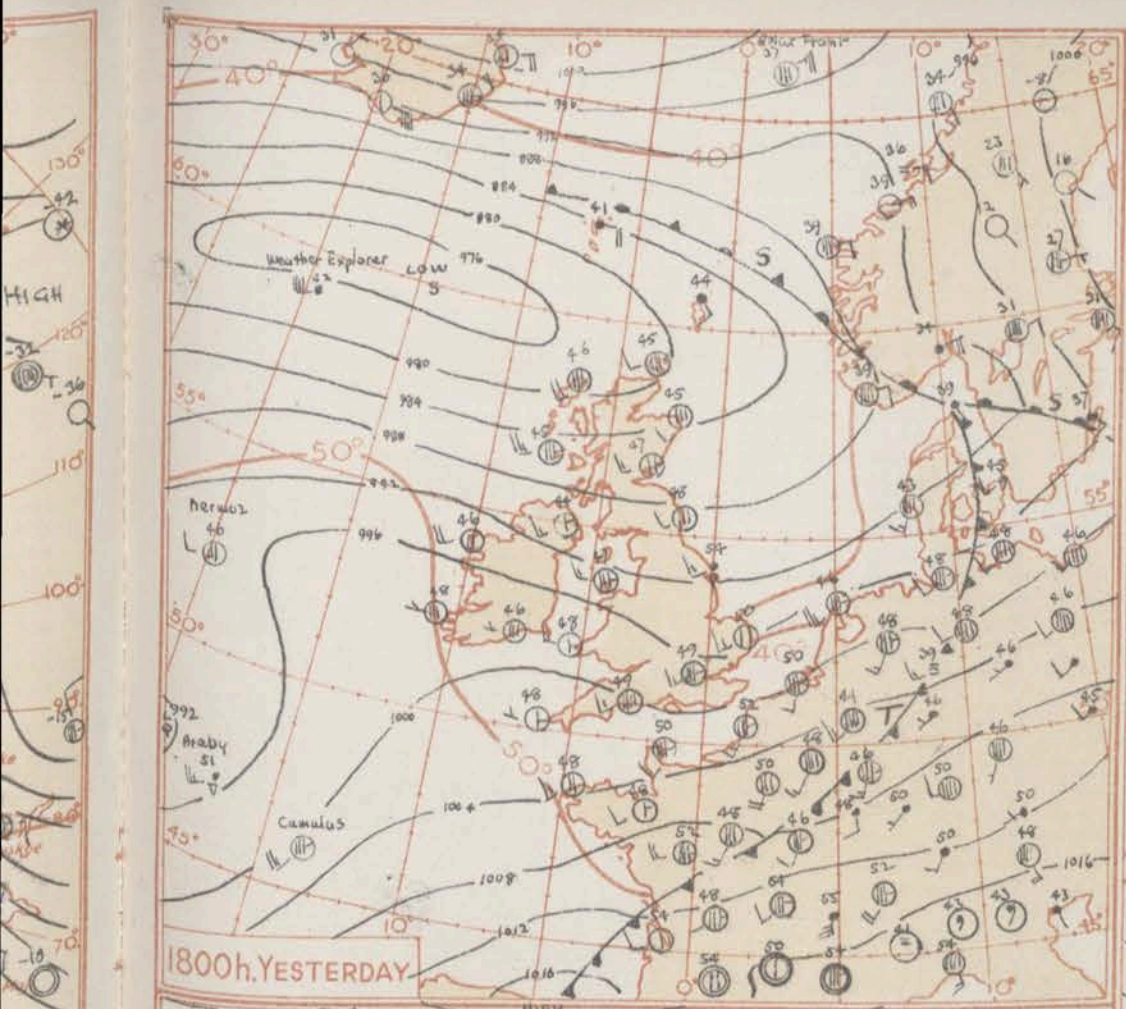
06h. Ships Reports

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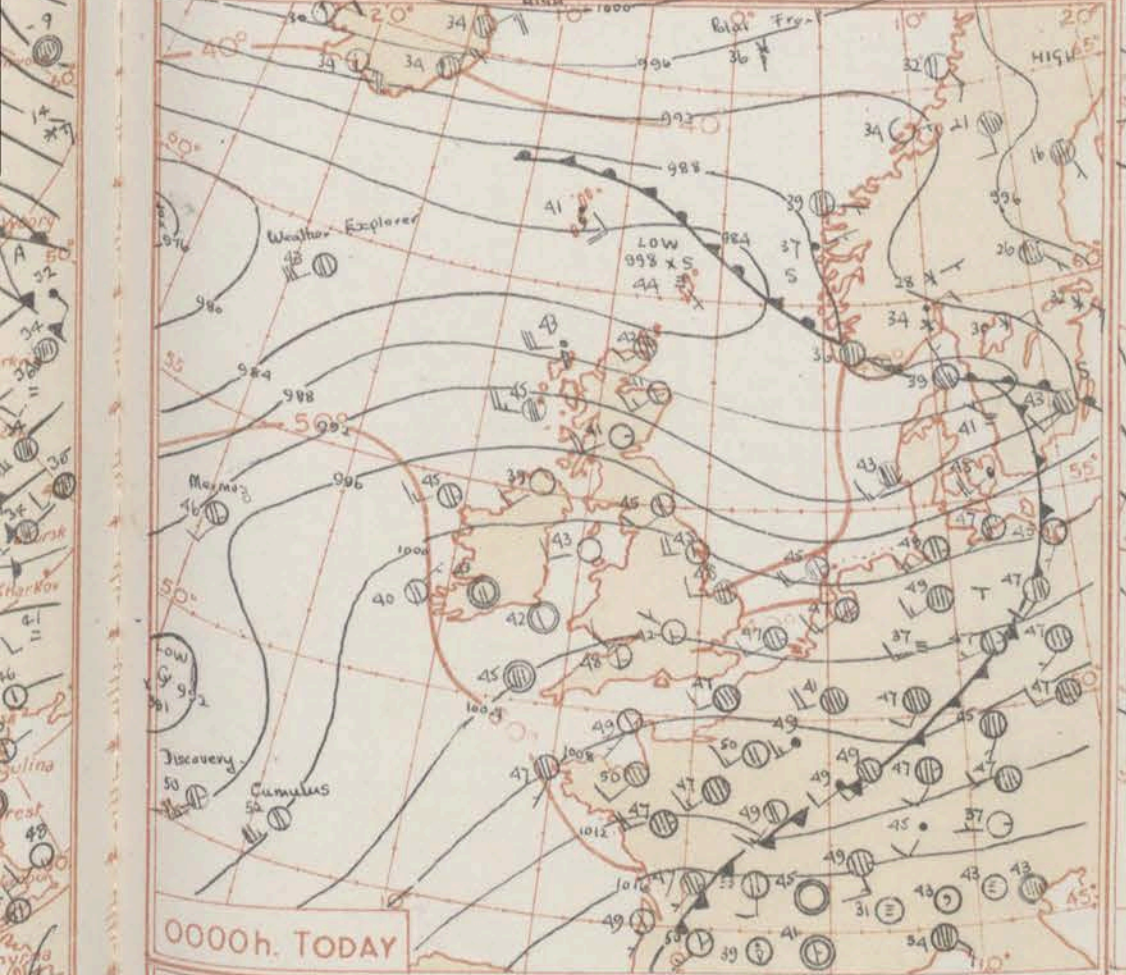
* Information not usually received.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



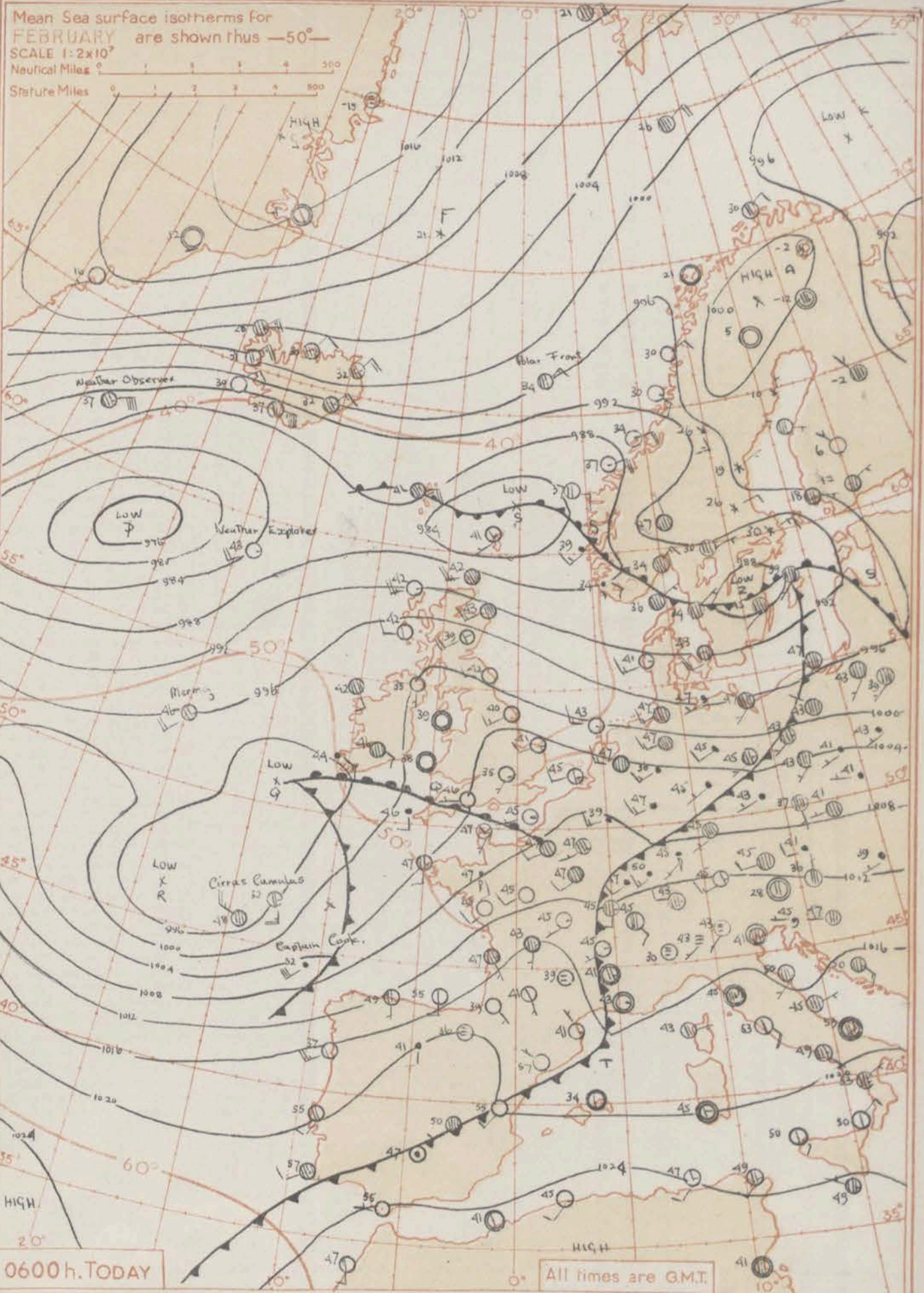


1800h. YESTERDAY



0000h. TODAY

Mean Sea surface isotherms for
FEBRUARY are shown thus —50°—
SCALE 1:2x10³
Nautical Miles
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0600h. TODAY

All times are GMT.

GENERAL SYNOPTIC DEVELOPMENT

A depression off West Scotland yesterday filled steadily as it moved slowly northeast and a breakaway formed on associated fronts, in the Skagerrak moving east into Sweden. Another low north of the Azores slowed down on its east-northeast track, but during the next 24 hours is expected to accelerate again crossing the British Isles and reaching the North Sea tomorrow followed by a weak ridge of high pressure.

Issued at midday

today

Saturday 9th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

A belt of mainly cloudy weather with outbreaks of rain is expected to cross much of the British Isles from southwest during this afternoon and night followed by clearing skies in the east (with frost and fog patches later tonight) and scattered showers in west. Northern Scotland will continue to have scattered showers and sunny intervals. Temperatures near or above normal.

OUTLOOK FOR the next 24 hours -- Changeable.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

* Information not usually received.

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

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue Sunday 10th February 1957

[illegible]

12h. Ships Reports

Code FM 21.A	Ship		LAT.	LONG.	Total Cloud			Wind			Weather		Dry Bulb Temp.		Cloud					Course		Bar.	Temp.		Waves		
					Direction	Speed	Visibility	Present	Past	Bar at M.S.L.		Amount	Low	Height	Medium	High	Direction	Speed	Character's Change in 3 hours	Sea	Dew Point	Direction	Period	Height			
			Lat	Long	N	dd	N	VV	ww	W	PPP	TT	NH	CL	N	CM	CH	Ds	Vs	X	pp	Ts	Td	dwdw	Pw	Hw	
WEATHER EXPLORER			588	103	7	18	16	98	25	8	843	44	7	9	4	0	0	0	0	3	05	55	26	18	5	7	
WARAOZ			525	205	5	26	31	65	15	8	957	48	5	8	5	0	0	6	1	2	11	54	37	28	4	8	
CIRRUS			453	152	7	32	44	65	25	2	049	50	7	9	4	0	0	5	3	3	63	54	43	22	4	9	
POLAR FRONT			458	016 E	6	03	18	99	15	2	980	36	5	9	5	6	0	0	0	2	04	55	30	04	3	3	
WEATHER OBSERVER			618	335	7	05	39	98	27	8	891	37	5	9	4	6	2	1	1	7	19	55	32	55	3	5	
U.S. SHIP "O"			565	510	8	32	43	63	65	8	890	25	8	2	4	-	-	0	0	8	15	61	20	33	3	6	
U.S. SHIP "C"			528	355	8	20	18	69	02	2	829	42	8	5	4	-	-	0	0	7	59	00	37	27	4	6	
U.S. SHIP "D"			440	410	7	32	38	63	02	6	012	43	7	5	5	-	-	0	0	3	36	63	34	25	4	0	
U.S. SHIP "E"			350	480	8	32	10	69	03	1	197	63	7	8	5	3	-	0	0	3	17	53	57	24	3	4	
CUMULUS			472	413	7	28	15	70	15	2	784	30	5	9	4	6	2	1	3	3	29	54	43	22	5	7	

18h. Ships Reports

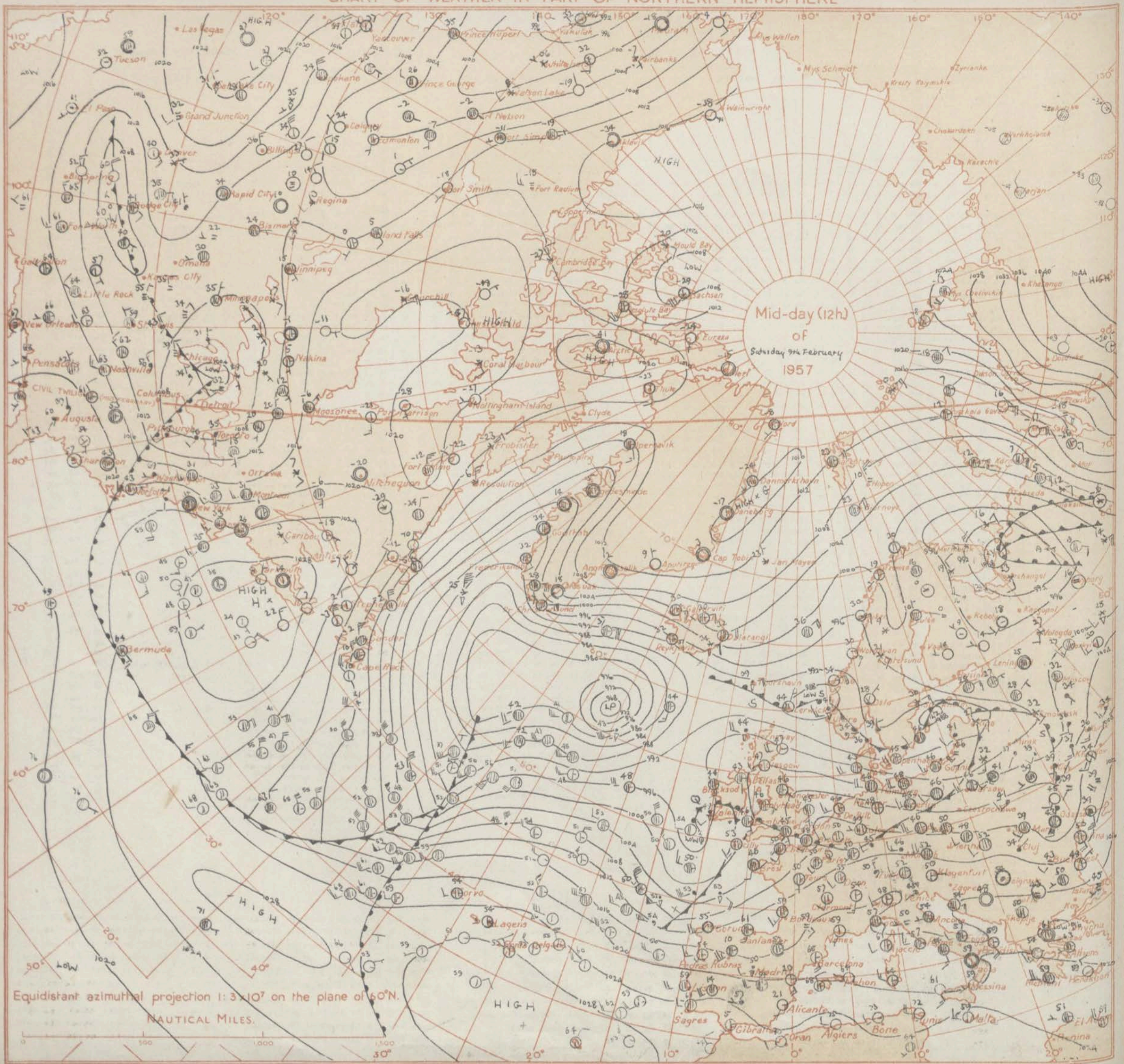
Ship	LAT.	LONG.	Wind				Weather				Dry Bulb Temp.	Cloud					Course		Bar.	Temp.		Waves			
			Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Amount		Low	Height	Medium	High	Direction	Speed	Character c		Change in 3 hours	Sea	Dry Point	Direction	Period	Height
LtLstLs	LoLoLo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	B	CH	CH	Ds	Vs	a	pp	TaTsTd	TaTsTd	dwtW	Pw	Hw		
HERMES	526	201	4	24	31	65	15	8	996	48	4	8	5	0	0	2	2	2	21	53	41	80	5	9	
WEATHER EXPLORER.	589	192	5	19	28	98	15	8	932	46	5	3	4	0	0	0	2	00	63	35	19	5	9		
POLAR FRONT.	660	020	5	02	19	99	15	8	984	36	8	9	6	0	0	2	2	4	00	55	28	04	3	3	
CIRRUS.	450	159	4	23	28	75	02	8	128	52	3	9	4	0	2	5	3	2	49	62	41	79	5	4	
WEATHER OBSERVER.	618	339	8	05	43	91	21	6	852	38	6	7	4	2	-	0	0	7	23	51	35	55	3	5	
U.S. SHIP C	522	355	7	25	32	59	79	8	793	34	7	2	5	0	0	0	0	5	08	58	24	77	4	3	
U.S. SHIP D	440	410	8	23	46	61	95	8	036	39	8	2	5	-	0	0	1	07	68	31	76	4	1		
EDINBURGH	429	177	3	28	24	97	01	2	182	63	3	1	5	6	-	5	5	2	40	52	47	30	3	2	
WOOD FORD.	410	240	2	28	30	63	18	0	198	52	3	2	5	-	-	6	4	4	00	68	48	28	4	7	
MARENGO.	556	231	8	25	42	97	82	8	942	45	8	7	3	-	-	5	3	2	45	65	25	72	8	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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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

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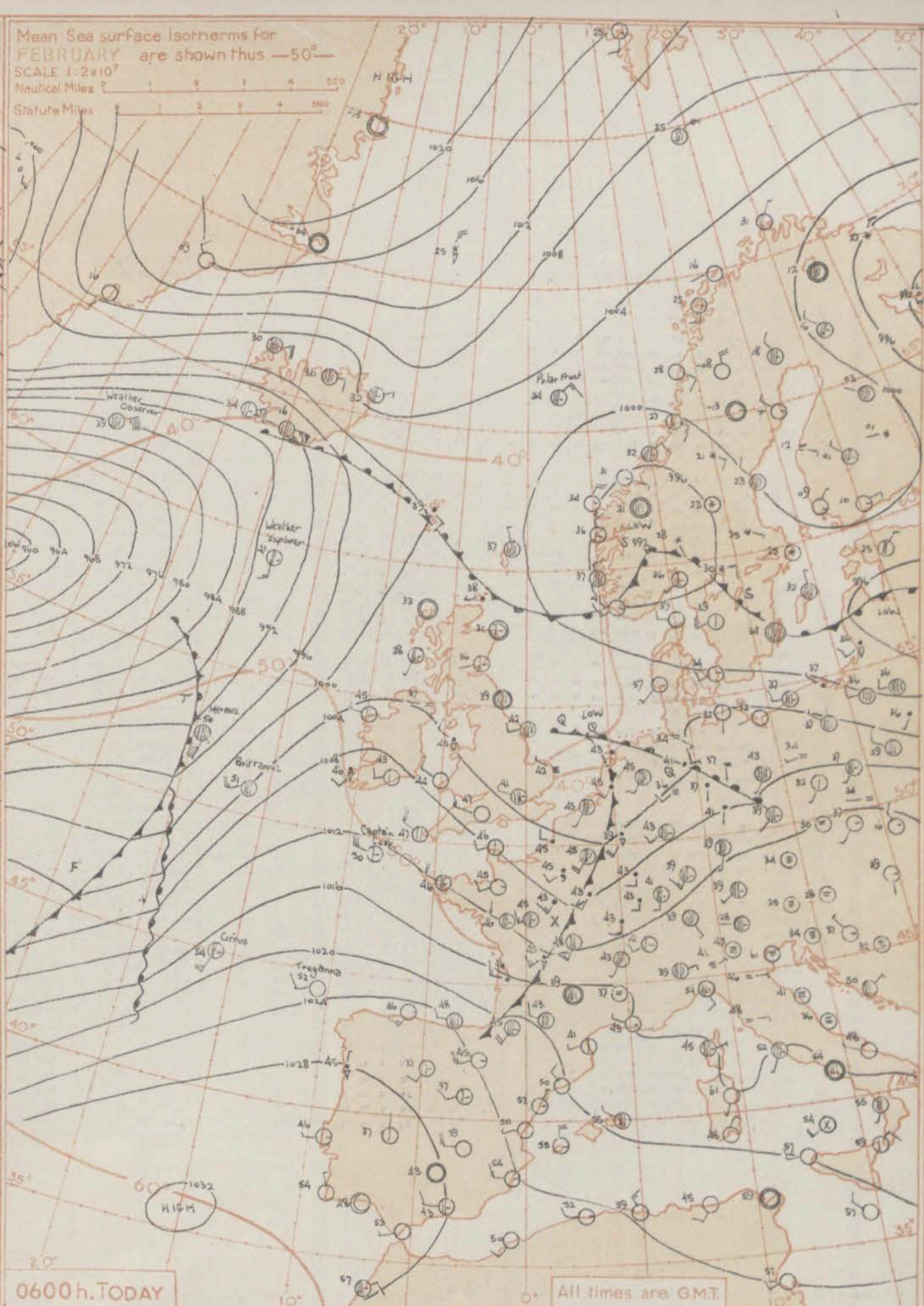
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1800h.YESTERDAY

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0600 h. TODAY

All times are G.M.T.

GENERAL SYNOPTIC DEVELOPMENT A depression centred near Shetland yesterday morning moved east and filled up. Another shallower depression to the southwest of Ireland moved northeast to Northern Ireland then east and is now in the North Sea. It will continue to move east, followed by a developing ridge now over Ireland. The fronts of a depression on the Atlantic will follow the ridge and be over western districts of the British Isles by tomorrow morning.

Issued at Mid-day today Sunday 10th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow There will be sunny intervals and scattered showers this afternoon. Tonight will be mainly with frost in some eastern districts. Rain will spread across most districts later followed by renewed showery weather in the west. It will be mild.

OUTLOOK FOR

next 24 hours :- Continuing changeable.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Monday 11th February 1957

1957

18h. Ships Reports

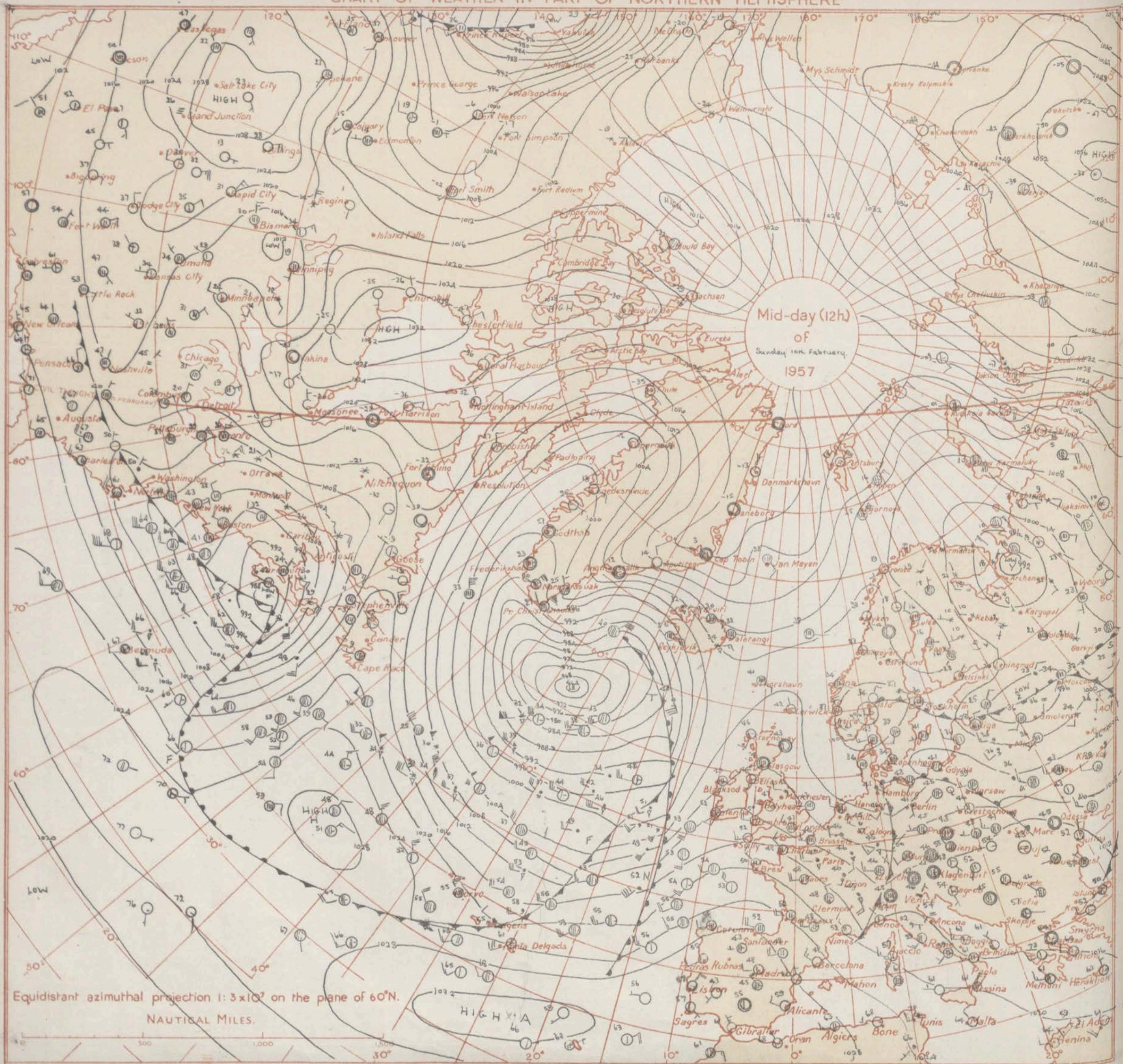
All times of observation printed in this publication are GREENWICH MEAN TIME.

* 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.

• Unstable.

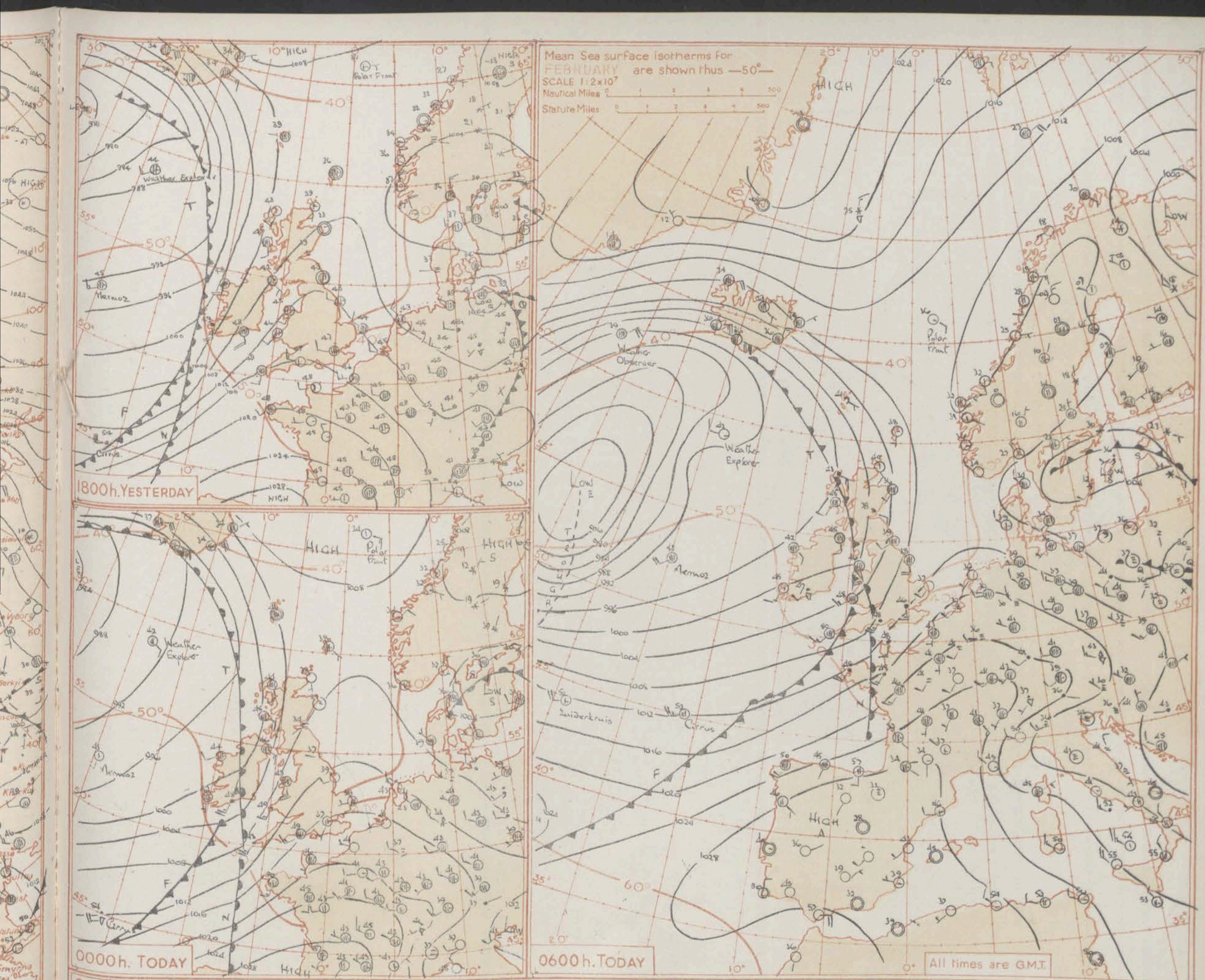
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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

NAUTICAL MILES.

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GENERAL SYNOPTIC DEVELOPMENT

A ridge of high pressure moved steadily eastward over the British Isles followed by the fronts of a depression moving slowly eastwards over the Atlantic. This depression is expected to continue its slow eastward movement maintaining a changeable southwesterly weather type over the British Isles.

Issued at Mid-day today Monday 11th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

There will be rain at first in eastern districts of Britain and in the extreme south-east this may be prolonged. Otherwise showery weather with clear intervals will spread from the west to all districts. The showers may be heavy at times with hail and perhaps thunder in places especially in the north and west. Temperatures will be mainly near normal.

OUTLOOK FOR

next 24 hours. Changeable with rain or showers in most places, but also bright intervals.

H.M.S.O. Press, M.O. Dunsable

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue, Tuesday, 12th February.....1957

Code F M 11.A		OBSERVATIONS at 12h. G.M.T. 11h. Feb. 4. 1957																								OBSERVATIONS at 18h. G.M.T. 11h. Feb. 4. 1957																								OBSERVATIONS during DAY									
		Station	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	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	Weather	Max. Temp. 09h. to 21h. F	Min. Temp. 09h. to 21h. F	Rain 09h. to 21h. mm.	State of ground 21h.					
Kew	775	7	21	12	33	61	6	070	49	6	7	4	2	-	47	7	04	1	7	06	6	7	10	7	3	35	4	19	10	80	02	2	009	48	3	8	4	-	-	47	6	17	2	7	02	2	5	15	5	6	30	rr	do	do	do	52	1.7	3	2
London Airport	772	7	23	10	58	15	6	068	49	6	1	4	3	-	43	6	10	2	7	02	6	9	14	5	3	60	7	20	10	58	03	5	038	48	4	0	9	3	6	44	7	12	4	3	58	7	2	70	rr	do	do	do	53	1.7	2	2			
Tangmere	874	8	21	13	42	61	5	079	49	8	7	2	-	-	48	7	05	2	7	05	-	-	-	-	-	-	8	21	14	57	02	2	046	48	6	6	2	-	-	47	7	19	6	7	05	8	6	10	rr	do	do	do	50	0.0	1	1			
Hurn	862	7	23	16	54	02	6	078	52	6	8	4	0	-	48	7	03	6	8	12	-	-	-	-	-	-	7	25	07	50	61	6	041	49	3	5	4	7	-	46	7	15	2	7	09	3	6	15	7	4	58	rr	do	do	do	54	0.0	1	1
Guernsey	894	7	18	15	70	21	6	105	49	6	6	1	-	-	48	7	07	2	7	01	6	7	01	7	6	20	7	19	10	80	02	2	009	48	3	8	4	-	-	47	6	17	2	7	02	2	5	15	5	6	30	rr	do	do	do	50	0.1	9	2
Felixstowe	697	8	20	30	63	30	6	084	45	7	7	4	2	-	46	7	12	7	7	10	8	5	28	-	-	-	7	20	12	56	03	2	049	47	1	5	6	7	6	45	7	21	1	8	30	7	0	70	rr	do	do	do	48	0.1	5	1			
Gorleston	497	8	18	32	40	63	6	079	44	7	7	3	2	-	45	7	10	7	7	07	8	5	20	-	-	-	7	20	12	56	02	6	048	47	2	0	9	4	9	46	7	07	2	3	59	7	1	70	rr	do	do	do	50	0.7	5	2			
Mildenhall	579	8	23	07	57	60	6	085	48	6	7	4	1	-	45	8	10	6	7	10	8	4	58	-	-	-	7	22	05	44	02	6	032	50	4	5	6	3	-	44	7	06	4	6	40	7	3	60	rr	do	do	do	54	3.3	11	2			

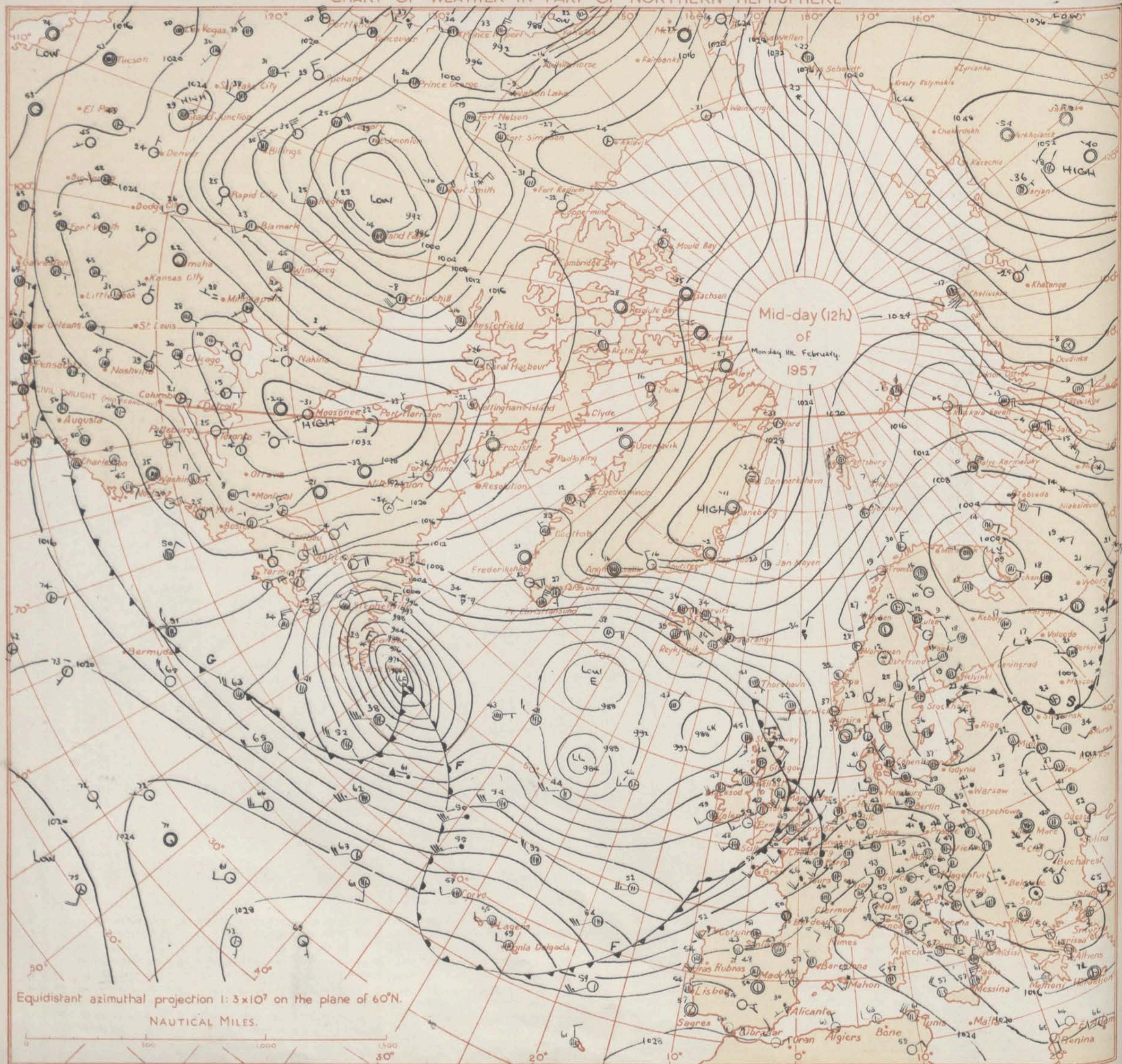
12h. Ships Reports																				18h. Ships Reports																																											
Code FM 21.A		Ship	LAT.	LONG.	Total Cloud	Wind Direction	Speed	Weather Present	Weather Past	Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.	Temp.	Waves			Ship	LAT.	LONG.	Total Cloud	Wind Direction	Speed	Weather Present	Weather Past	Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.	Temp.	Waves																				
1st	2nd											3rd	4th	5th	6th	7th	8th	9th			10th	11th	12th											13th	14th	15th	16th	17th	18th	19th			20th	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th
1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th																								
WEATHER EXPLORER		520	190	6	01	08	99	02	1	952	43	3	3	5	2	0	0	2	12	56	33	42	-	WEATHER EXPLORER	590	189	3	01	11	99	03	0	955	43	3	4	6	0	2	0	0	2	02	85	31	49	-	9															
HERNOZ		526	199	5	24	14	00	0	8	929	46	5	9	5	0	0	0	7	01	56	30	25	6	HERNOZ	527	198	7	07	14	56	8	8	905	43	7	3	8	-	-	0	0	5	00	60	43	25	6	7															
CIRUS		450	120	4	17	24	75	01	8	102	52	3	8	6	6	0	6	1	3	08	52	39	74	5	CIRUS	450	158	3	26	30	75	01	8	102	52	2	9	4	4	2	2	1	1	06	51	43	77	5	4														
POLAR FRONT		658	0176	6	03	15	99	87	1	107	36	5	3	5	6	0	0	0	2	02	57	31	40	2	POLAR FRONT	659	019E	3	00	00	94	15	8	107	36	2	9	5	6	3	0	0	7	04	57	31	49	2	1														
WEATHER OBSERVER		421	230	7	05	22	98	02	6	964	38	7	6	4	-	2	1	2	18	63	37	05	3	CANTON	499	165	8	23	27	37	64	2	938	47	8	6	6	-	-	5	2	7	20	53	40	23	3	7															
U.S. SHIP "B"		565	510	8	05	17	56	85	7	052	34	6	8	4	2	-	-	0	4	02	52	30	36	3	U.S. SHIP "C"	524	372	8	11	13	59	61	2	840	45	8	5	5	-	-	3	4	7	73	02	38	08	2	2														
U.S. SHIP "D"		520	283	8	05	06	45	02	2	946	43	8	5	4	-	1	4	7	36	55	34	27	8	U.S. SHIP "D"	440	410	9	25	42	65	02	6	977	58	5	7	4	1	-	0	0	1	20	00	46	75	6	6															
U.S. SHIP "E"		440	410	8	23	50	63	61	0	985	61	5	7	3	2	-	0	0	3	20	02	57	72	4	INTERPRETER	490	105	5	35	28	98	24	8	989	48	5	7	4	0	0	3	4	5	00	53	41	24	0	8														
U.S. SHIP "F"		350	480	2	22	23	69	02	0	248	66	1	1	5	0	5	0	0	2	12	06	58	2	7	IRISH PINE	498	164	8	25	24	97	65	8	950	44	8	9	0	-	-	2	4	5	20	58	44	75	-	5														
WOLWICH		405	252	8	26	18	98	02	1	228	57	8	6	5	-	2	4	1	10	51	46	26	2	3	DELTARION	490	096	1	35	34	97	02	2	007	48	2	8	5	0	5	5	3	4	00	53	39	22	2	5														

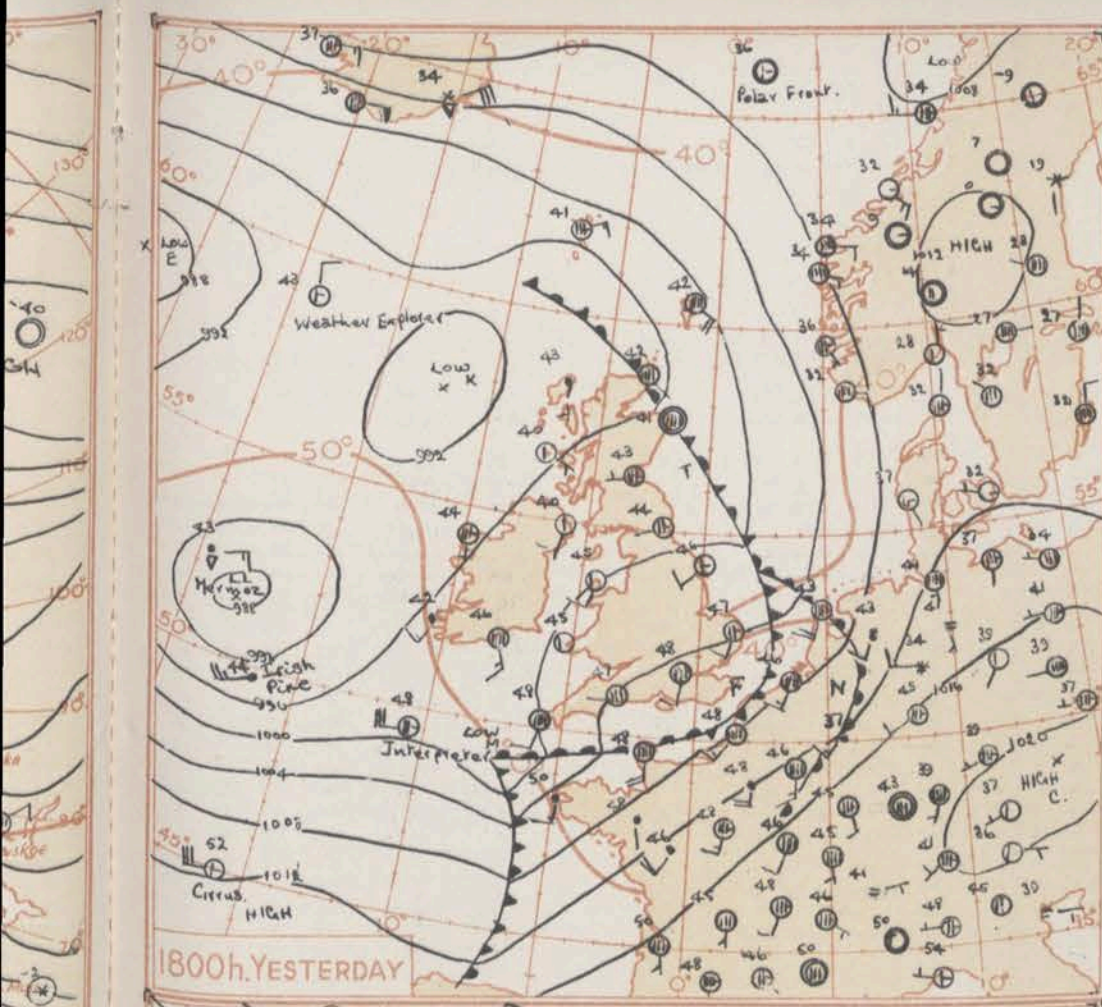
All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

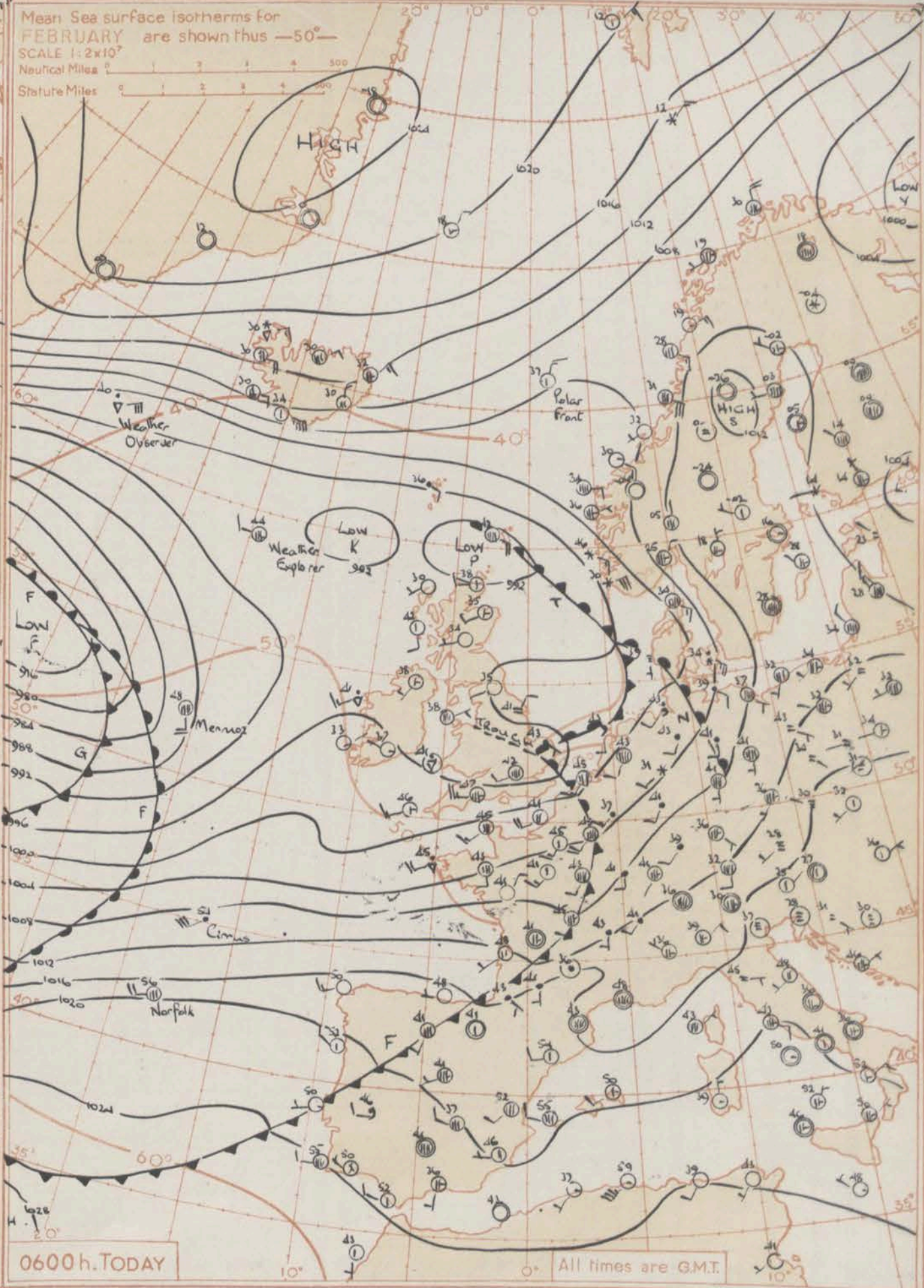
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Mean Sea surface isotherms for
FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



1800h. YESTERDAY

0000h. TODAY

0600h. TODAY

All times are G.M.T.

GENERAL SYNOPSIS DEVELOPMENT While a formed trough over the British Isles at dawn yesterday cleared most areas during the forenoon, it was relatively slow moving over Scotland and a fresh depression centre developed off the Hebrides to be transferred slowly eastward. Another new trough developed to southwest of Ireland and now lies over eastern England moving eastward. A deep depression centred over the Atlantic has moved northeast but is now expected to become slow moving. Its forked troughs will however be carried quickly eastward to affect much of the British Isles and new centres will probably develop in the frontal trough.

Issued at Mid-day

today Tuesday 12th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Rain over central and eastern England will move away eastward while fog patches and frost in north-east England will clear slowly. Weather will otherwise be mainly bright at first though scattered showers will occur, especially in the west. Later in the day and tonight cloudy rainy weather will extend to much of England and Wales and Northern Ireland, brighter showery weather with strong to gale force winds will follow the rain eastward. Over Scotland weather will be mainly bright today apart from a few showers. Fog patches will develop tonight with fairly widespread air frost and rain may spread into the south tomorrow.

OUTLOOK FOR near 24 hours:—Some rain and showers in most areas.

Code F M

Code F M

Static

Static

Static

Static

Static

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Wednesday, 13th February, 1957

OBSERVATIONS at 12h. G.M.T. 12h. February 1957																									OBSERVATIONS at 18h. G.M.T. 12h. February 1957																									OBSERVATIONS during DAY									
Code FM 11.A	Station	Station Number	Total Cloud	Wind Direction	Wind 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	Wind Direction	Wind 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	Max. Temp. 09h. to 15h.	Sunshine	Rain 09h. to 15h. mm.	State of ground 24h.		
			(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	25	11	61	02	5	964	45	5	7	3	-	-	40	2	15	5	7	06	8	6	20	7	6	20	8	20	07	17	10	2	958	46	2	5	7	1	-	41	2	07	1	6	56	8	4	99		do	ro	47	0.5	tr	1			
	London Airport	772	7	26	11	61	02	6	964	44	5	5	4	-	-	41	2	18	1	7	10	5	6	18	7	6	20	8	20	08	12	10	2	960	45	6	5	7	1	-	41	2	08	6	6	56	8	2	10		do	ro	47	0.6	tr	1			
	Tangmere	874	7	26	16	75	02	1	972	47	7	8	3	-	-	39	3	08	2	8	20	7	6	20	7	6	20	7	43	10	74	02	8	968	44	2	5	6	3	8	59	8	07	2	6	30	5	3	60	7	2	75		pr	iforr	49	2.4	2	1
	Hurn	862	7	26	14	80	02	1	974	50	7	8	4	-	-	39	3	08	2	8	20	5	6	25	7	6	20	8	18	07	37	04	2	961	45	1	5	6	2	-	38	7	17	1	6	35	3	4	60		pr	iforr	49	2.4	2	1			
	Guernsey	894	7	26	14	80	02	1	974	50	7	8	4	-	-	39	3	08	2	8	20	5	6	25	7	6	20	8	18	07	37	04	2	961	45	1	5	6	2	-	38	7	17	1	6	35	3	4	60		pr	iforr	49	2.4	2	1			
	Felixstowe	697	8	18	11	59	11	6	943	42	7	7	4	-	-	39	2	04	7	7	12	8	6	27	7	6	20	6	20	03	40	02	2	965	43	4	5	4	7	-	41	1	11	4	6	15	6	4	60		pr	iforr	49	2.4	2	1			
	Gorleston	497	6	21	11	60	03	8	944	43	6	3	4	-	-	41	7	05	6	9	16	8	6	27	7	6	20	7	20	08	58	03	5	954	42	4	5	4	7	-	41	1	10	4	6	18	7	3	50		pr	iforr	49	2.4	2	1			
	Mildenhall	578	8	22	07	59	20	5	961	42	3	7	2	-	-	38	3	05	3	7	05	8	6	15	7	6	20	8	22	08	28	02	6	966	41	1	0	9	7	-	39	0	03	1	3	58	7	6	75		pr	iforr	49	2.4	2	1			
	Cardington	559	8	22	08	48	61	6	956	42	6	7	4	2	-	41	2	11	6	7	10	8	5	20	7	6	20	8	14	08	17	10	6	954	40	8	0	9	7	-	39	8	09	8	4	63	6	0	75		pr	iforr	49	2.4	2	1			
	West Raynham	485	8	31	00	62	01	6	935	42	6	7	2	-	-	40	3	02	1	7	04	6	7	08	8	6	17	7	24	06	28	10	46	349	37	3	8	4	0	2	36	1	05	1	8	17	3	6	35	7	0	70		pr	iforr	49	2.4	2	1
	Wittering	462	8	34	01	14	51	6	957	41	5	4	2	-	-	40	2	16	5	7	03	8	6	40	7	6	20	8	15	05	17	10	5	948	40	0	0	9	0	-	39	8	08	7	0	78	6	0	70		pr	iforr	49	2.4	2	1			
	Boscombe Down	746	7	28	12	72	15	6	974	44	7	8	3	-	-	42	2	14	3	7	08	5	8	12	7	6	20	8	20	07	74	02	2	956	42	5	4	5	-	-	39	7	17	4	6	15	8	6	20		pr	iforr	49	2.4	2	1			
	Ross-on-Wye	627	6	25	01	70	02	1	966	44	4	8	5	0	-	42	1	12	1	8	25	3	6	35	7	6	20	8	18	05	57	02	1	964	43	7	4	4	2	-	38	7	19	7	7	15	8	4	58		pr	iforr	49	2.4	2	1			
	Bristol	628	4	24	08	63	01	6	976	46	3	8	6	3	-	39	2	14	2	8	20	2	6	35	7	6	20	8	16	07	74	04	2	951	43	4	5	5	2	-	40	7	20	4	6	25	8	4	58		pr	iforr	49	2.4	2	1			
	Aberporth	502	3	26	09	83	01	1	970	44	2	8	4	0	-	39	3	07	1	8	18	7	6	40	7	6	20	8	14	12	66	01	2	960	42	3	5	5	2	-	39	8	48	3	6	20	8	5	40		pr	iforr	49	2.4	2	1			
	Pembroke Dock	604	7	29	11	74	03	8	979	48	7	8	5	-	-	40	2	10	6	8	20	7	6	40	7	6	20	8	16	09	59	01	6	968	44	4	5	4	2	-	40	7	40	4	6	15	8	5	40		pr	iforr	49	2.4	2	1			
	Plymouth	827	7	29	18	76	03	1	996	47	4	1	4	0	-	39	2	14	4	8	18	7	2	75	7	6	20	8	16	07	56	63	6	930	43	4	6	4	2	-	42	8	50	4	7	10	8	5	25		pr	iforr	49	2.4	2	1			
	Chivenor	707	7	30	10	82	01	8	988	46	7	8	4	0	-	42	2	17	1	8	18	6	6	25	7	6	20	8	16	13	57	63	6	927	44	4	6	4	2	-	41	7	44	4	7	15	8	5	35		pr	iforr	49	2.4	2	1			
	St. Mawgan	817	7	27	11	81	03	2	995	48	1	4	5	1	-	41	2	07	1	6	22	3	4	05	7	6	20	8	15	22	46	61	6	903	43	6	6	3	1	-	43	7	65	6	7	08	8	4	58		pr	iforr	49	2.4	2	1			
	Culdrose	809	8	25	13	81	03	8	902	49	5	2	4	-	-	40	3	05	5	8	18	7	2	75	7	6	20	8	19	13	10	63	6	914	47	8	7	4	2	-	47	7	54	6	7	02	8	5	20		pr	iforr	49	2.4	2	1			
	Scilly	804	7	26	12	82	02	2	996	48	7	0	5	7	-	41	1	04	7	4	60	7	6	40	7	6	20	8	16	08	58	21	6	890	50	8	6	3	-	-	49	7	72	8	7	08	8	5	20		pr	iforr	49	2.4	2	1			
	Elmdon	534	4	23	05	11	10	4	963	41	1	6	4	3	0	37	2	11	1	7	12	3	3	60	7	6	20	8	16	04	77	10	2	935	41	1	5	6	2	-	39	7	10	1	6	20	8	4	65		pr	iforr	49	2.4	2	1			
	Shawbury	414	7	29	08	86	01	1	966	41	7	5	6	-	-	26	2	08	7	6	40	7	6	40	7	6	20	8	18	04	04	02	2	927	43	0	5	6	7	-	39	7	23	3	6	40	8	4	63		pr	iforr	49	2.4	2	1			
	Manchester	334	7	29	08	86	01	1	966	41	7	5	6	-	-	26	2	08	7	6	40	7	6	40	7	6	20	8	18	04	04	02	2	924	41	1	5	6	7	-	39	7	23	3	6	40	8	4	63		pr	iforr	49	2.4	2	1			
	Squires Gate	318	5	10	03	11	04	4	958	44	3	8	6	3	0	40	3	08	3	8	30	7	6	40	7	6	20	8	12	06	16	04	2	915	30	1	4	6	0	7	34	7	26	1	6	45	3	9	65	8	2	70		pr	iforr	49	2.4	2	1
	Valley	302	7	00	00	66	02	2	955	47	4	8	5	0	-	41	2	02	1	8	25	4	6	45	7	6	20	8	16	14	80	03	2	898	44	8	8	5	-	-	41	7	35	4	8	25	8	6	35		pr	iforr	49	2.4	2	1			
	Ronaldsway	204	7	26	09	80	02	2	954	46	6	8	4	-	-	41	7	02	2	8	16	5	6	40	7	6	20	8	16	14	82	03	2	904	45	6	2	4	-	2	39	7	22	6	8	14	6	0	70		pr	iforr	49	2.4	2	1			
	Silloth	214	6	00	00	66	02	2	955	47	4	8	5	0	-	41	7	02	2	8	16	5	6	40	7	6	20	8	16	14	82	03	2	904	45	6	2	4	-	2	39	7	22	6	8	14	6	0	70		pr	iforr	49	2.4	2	1			
	Watnall	354	6	00	00	66	02	2	955	47	4	8	5	0	-	41	7	02	2	8	16	5	6	40	7	6	20	8	16	14	82	03	2	904	45	6	2	4	-	2	39	7	22	6	8	14	6	0	70		pr	iforr	49	2.4	2	1			
	Spurn Head	396	7	03	12	56	02	2	963	42	9	1	5	2	0	42	4	00	2	8	24	5	4	57	7	6	20	8	16	14	82	03	2	904	45	6	2	4	-	2	39	7	22	6	8	14	6	0	70		pr	iforr	49	2.4	2	1			
	Lindholme	362	7	30	07	08	4	4	960	36	6	0	5	3	8	36	5	00	6	3	60	7	6	40	7	6	20	8	16	14	82	03	2	904	45	6	2	4	-	2	39	7	22	6	8	14	6	0											

18h. Ships Reports

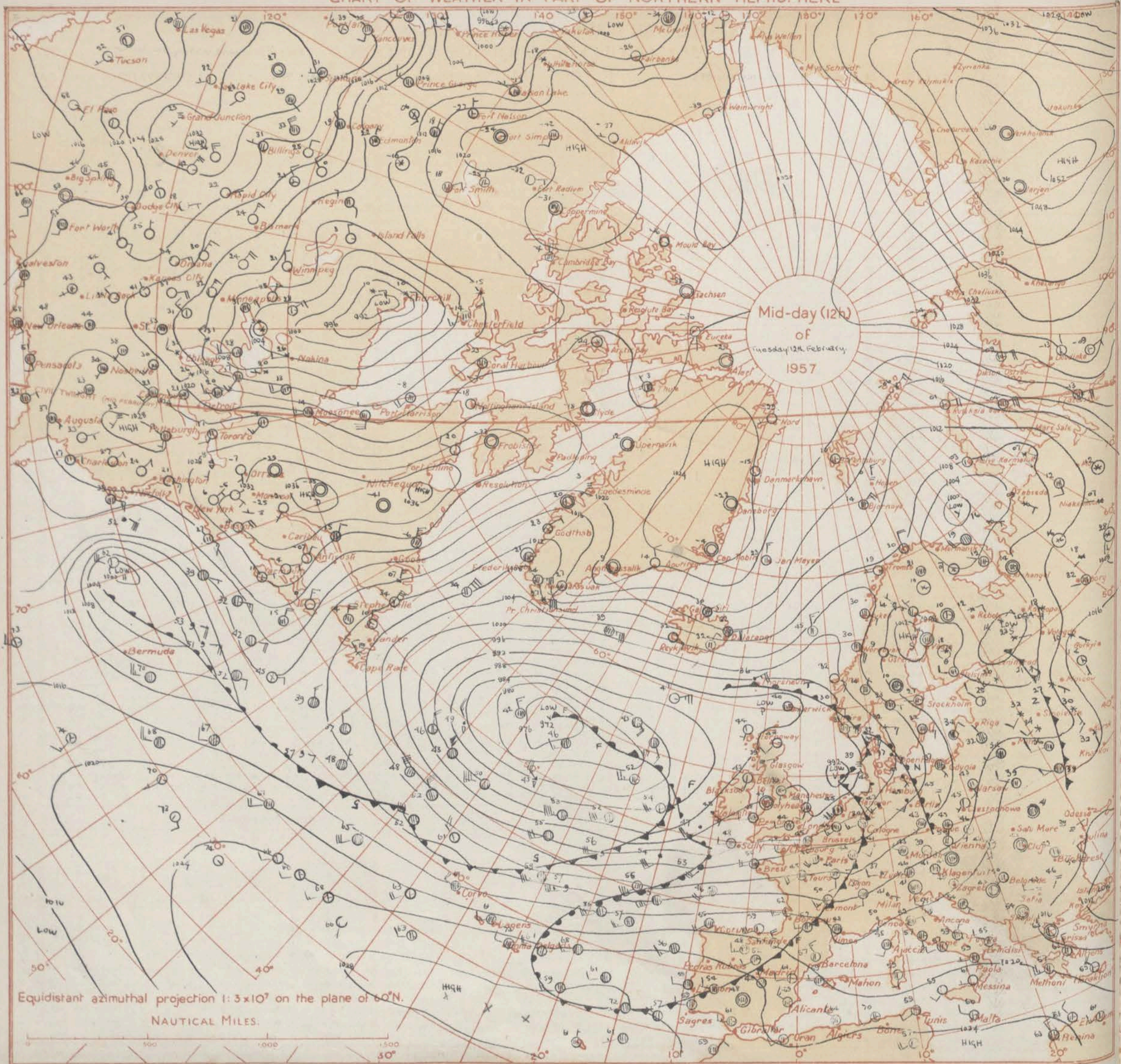
Code FM 21.A		LAT.		LONG.	Total Cloud	Wind	Weather		Bar at M.S.L.		Dry Bulb Temp.	Cloud				Course	Bar.	Temp.	Waves				Ship	LAT.		LONG.	Total Cloud	Wind	Weather		Bar at M.S.L.		Dry Bulb Temp.	Cloud				Course	Bar.	Temp.	Waves				Ship																								
Ship	LAT.	LONG.	N	dd	H	VV	ww	W	PPP	TT	NH	CL	h	CM	CH	Ds	vs	a	pp	TsTs	TdTd	dwdw		Pw	Hw	LAT.	LONG.	N	dd	H	VV	ww	W	PPP	TT	NH	CL	h	CM	CH	Ds	vs	a	pp		TsTs	TdTd	dwdw	Pw	Hw	Ship																		
																																																				Direction	Speed	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
LatLat	LoLoLo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	LatLat	LoLoLo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	Ship																					
WEATHER EXPLORER.	588	185	1	07	11	98	01	1	905	47	1	2	3	0	0	0	0	7	19	52	37	02	4	9	WEATHER EXPLORER	589	186	8	06	38	97	61	8	897	45	6	7	4	2	1	0	0	1	02	53	40	56	4	5																				
HERMONE	624	200	5	25	27	80	03	6	806	52	5	2	5	0	0	6	2	7	32	00	45	24	6	5	HERMONE	522	208	5	25	31	80	02	8	775	50	5	8	5	4	0	6	2	6	13	52	43	25	4	7																				
CIRRUS	449	141	8	24	34	60	21	6	074	55	8	7	4	1	1	1	6	04	01	50	73	5	4	CIRRUS	451	158	7	24	34	58	20	6	033	54	6	6	2	1	0	1	2	7	09	01	54	77	5	4																					
POLAR FRONT.	658	017E	4	36	15	80	02	8	087	45	3	9	5	6	3	0	0	7	14	57	31	49	2	2	POLAR FRONT	659	020E	6	02	17	92	87	8	999	26	5	9	5	6	1	1	7	14	53	36	49	3	3																					
WEATHER OBSERVER.	620	320	8	04	34	97	02	6	029	29	7	7	4	2	1	0	0	1	06	53	38	63	3	2	WEATHER OBSERVER	620	332	8	07	30	98	21	6	050	41	4	5	5	7	1	0	0	3	16	00	37	56	3	2																				
U.S. SHIP "B"	565	510	4	36	30	65	01	0	074	24	3	4	4	3	5	0	0	2	19	52	33	34	5	7	U.S. SHIP "C"	528	355	8	34	30	69	02	2	025	44	6	5	5	3	1	0	0	2	51	03	36	34	4	9																				
U.S. SHIP "C"	628	355	6	29	17	60	02	8	765	42	5	2	5	5	0	0	0	3	17	51	36	27	4	6	U.S. SHIP "D"	440	410	4	37	29	65	02	2	109	47	5	5	5	7	0	0	0	2	10	01	35	79	6	5																				
U.S. SHIP "D"	440	410	7	29	38	69	02	2	083	48	5	1	5	3	0	0	0	2	29	59	38	79	7	7	GRELMARKIN	482	167	8	23	33	95	62	8	943	54	8	7	3	1	5	0	4	00	00	34	23	5	9																					
U.S. SHIP "E"	350	480	8	23	30	65	03	1	205	67	6	2	5	3	1	0	0	3	15	51	64	24	4	5	CATTON	479	181	8	24	30	97	02	2	921	56	0	0	9	3	0	5	2	7	20	04	32	24	4	8																				
AMERICAN INFANTRY	431	233	8	23	36	76	50	5	112	67	6	7	2	7	5	5	6	07	00	54	23	5	9	MANCHESTER REGIMENT	571	175	2	26	30	98	21	8	803	51	2	2	5	4	0	6	4	6	05	51	42	76	1	0																					

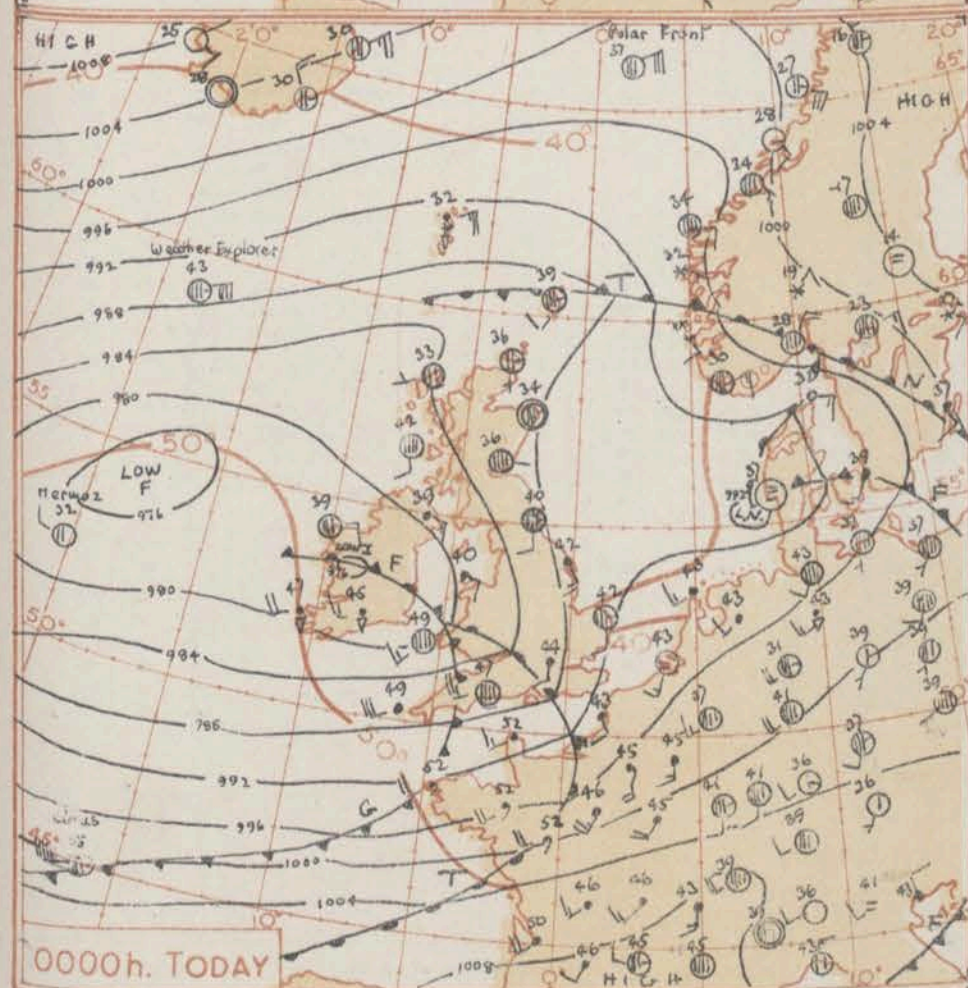
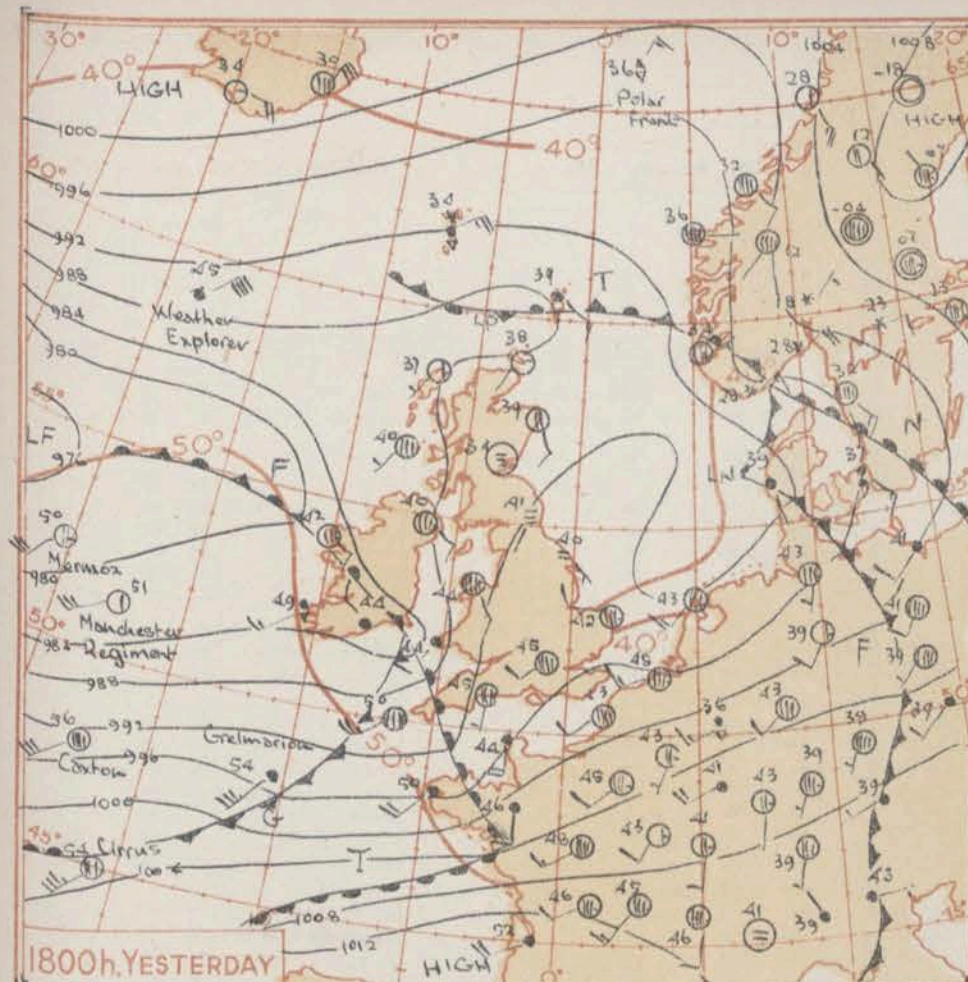
All times of observation printed in this publication are GREENWICH MEAN TIME.

* 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

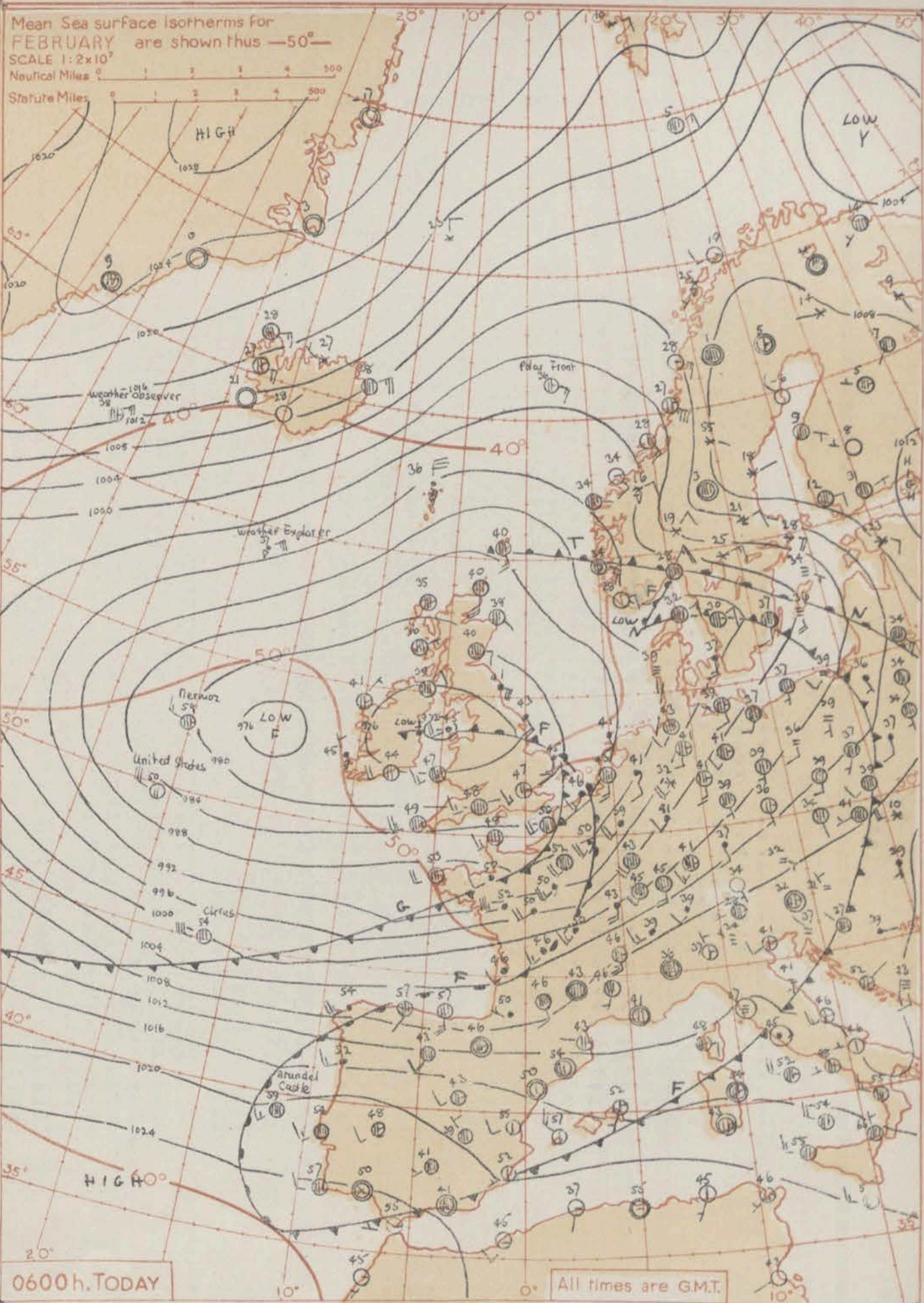




GENERAL SYNOPSIS DEVELOPMENT

A complex low pressure system in mid-Atlantic has moved steadily east into the British Isles with fronts crossing southern districts. The low is expected to move across the North Sea, to the Denmark area with a northerly flow becoming established over the country.

Issued at mid-day today Wednesday 13th February 1957



FORECAST FOR BRITISH ISLES until noon tomorrow

After occasional rain or showers today with thunder in places Northern Ireland, Southwest Scotland, Wales and western half of England will become mainly dry with clear periods and frost here and there tonight. Remainder of Scotland and much of eastern half of England will have outbreaks of rain or showers with sleet or snow in parts of east and north Scotland and northeast England becoming colder generally.

OUTLOOK FOR following 24 hours:- Rather cold in most north and east districts with showers, chiefly snow or sleet in northeast. Sunny periods and scattered showers in west and south with night frost.

No. 34

Code F M
State

Kew
London
Tangmer
Hurn
Guernsey
Felixstow
Gorleston
Mildenhall
Carding

* Information not usually received.

No. 34785

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue... Thursday 14th February 1957

OBSERVATIONS at 12h. G.M.T. 13th February 1957

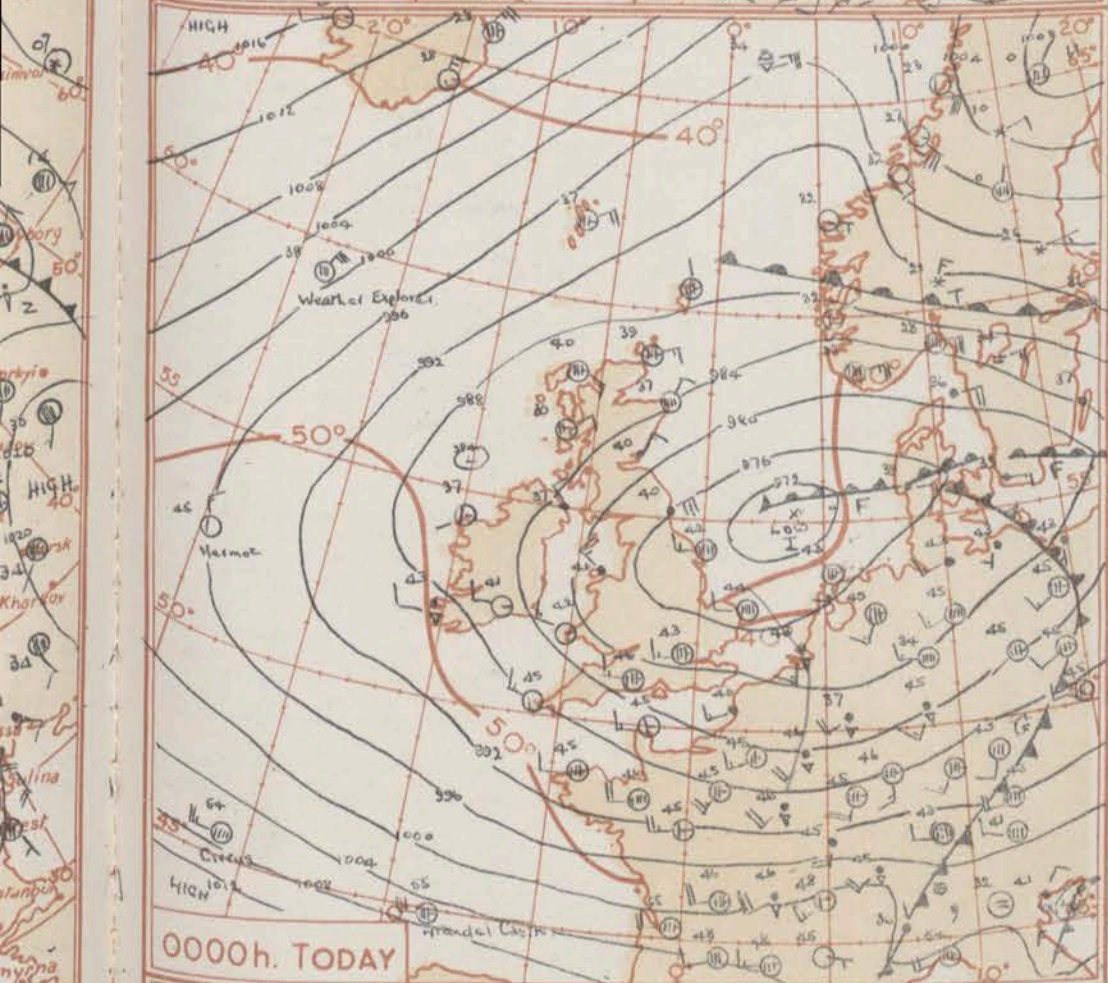
OBSERVATIONS at 18h. G.M.T. 13th February 1957

OBSERVATIONS during DAY

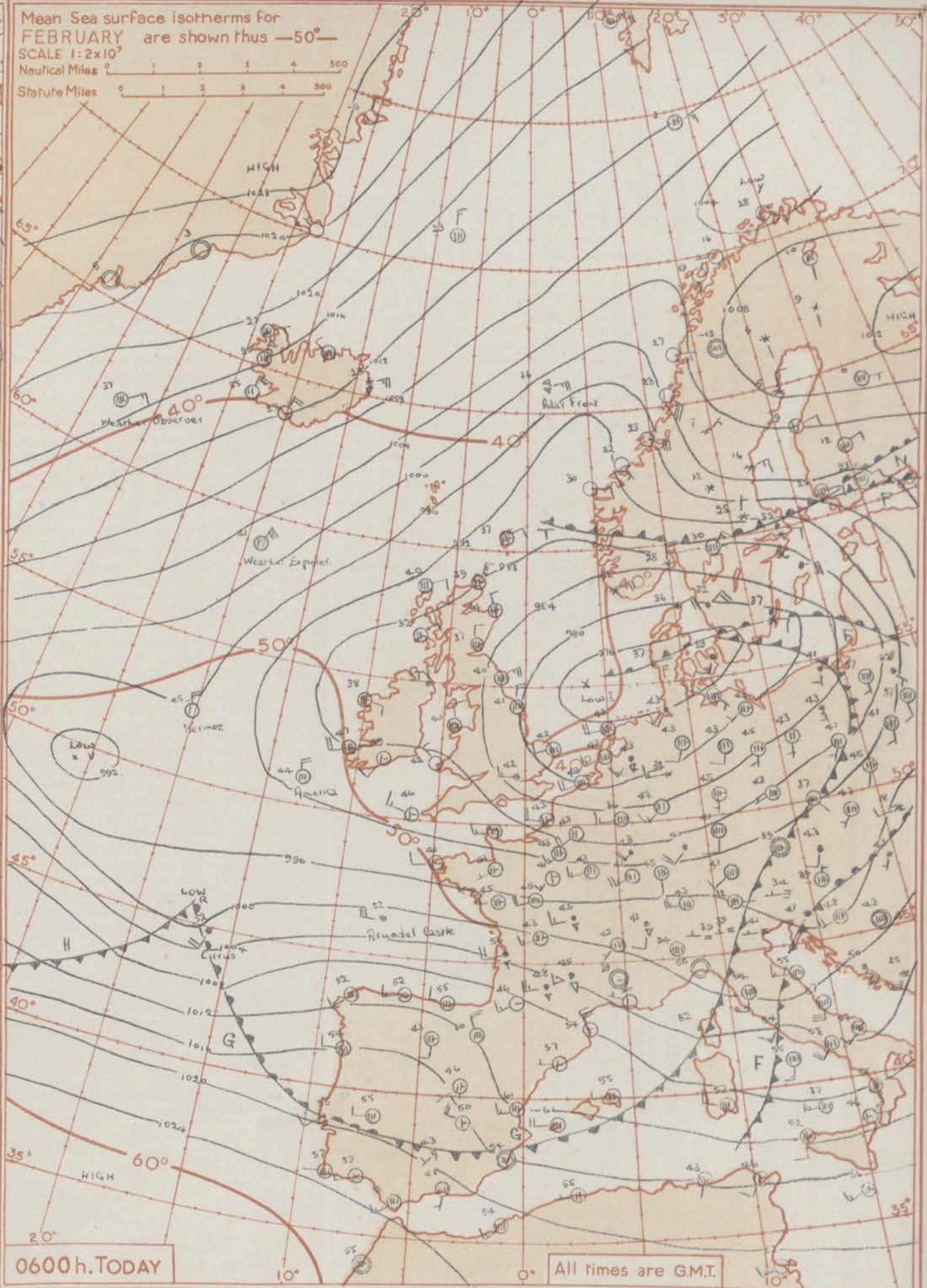
Code FM 11.A		OBSERVATIONS during DAY																				OBSERVATIONS during DAY																				OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Station	Station Number	Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather		Bar.		Cloud		Temp.		Wind		Weather			

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Mean Sea surface isotherms for
FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



GENERAL SYNOPTIC DEVELOPMENT

A depression which was centred over the Irish Sea yesterday morning moved east-northeast reaching Denmark this morning, and colder air over Scotland and to north of the British Isles spread round its western flank to cover the southern half of the British Isles. Another depression which was this morning centred about 700 miles west of southwest England is expected to be over southwest England by tomorrow morning.

Issued at mid-day today Thursday 14th February 1957

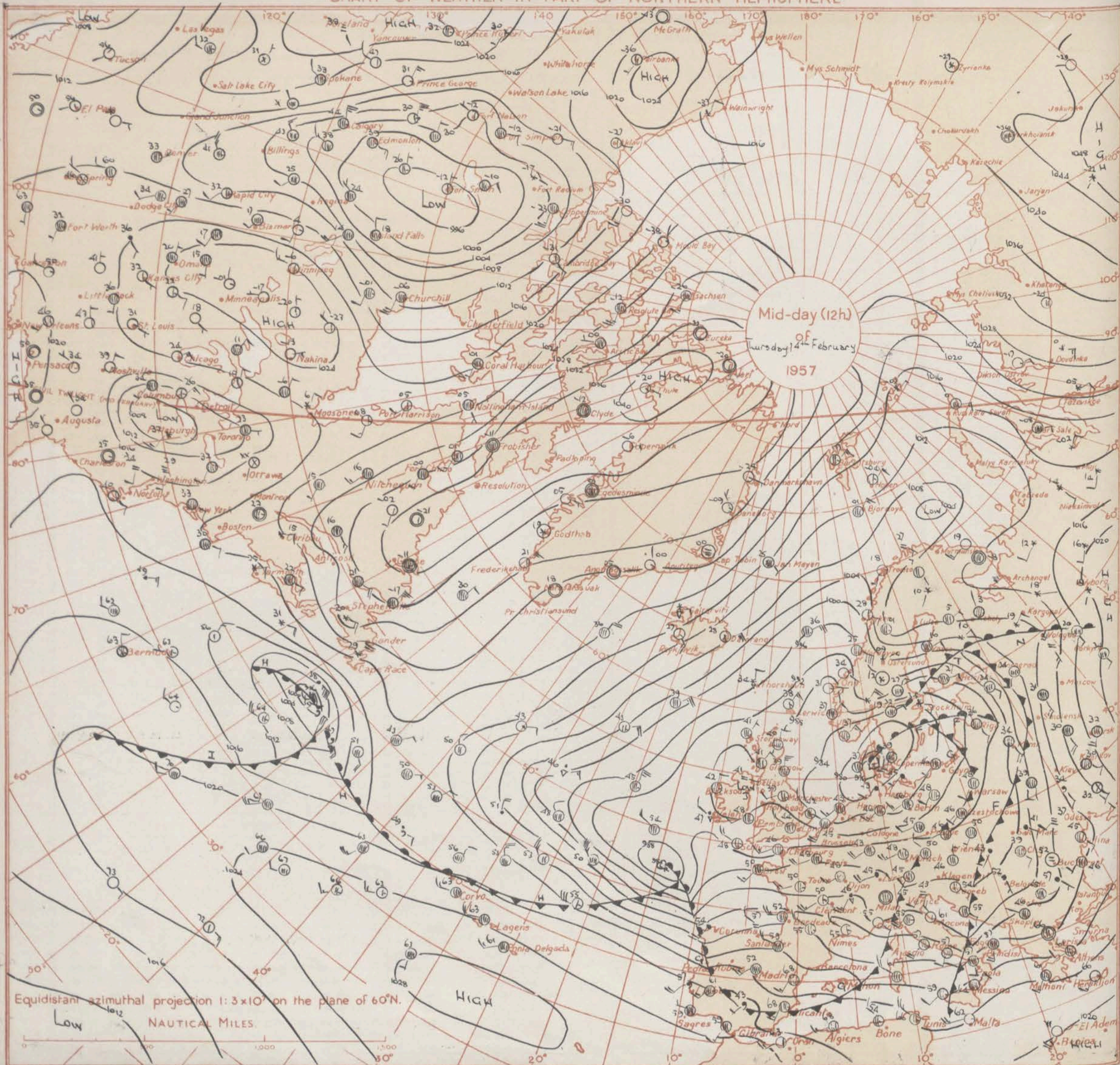
FORECAST FOR BRITISH ISLES until noon tomorrow

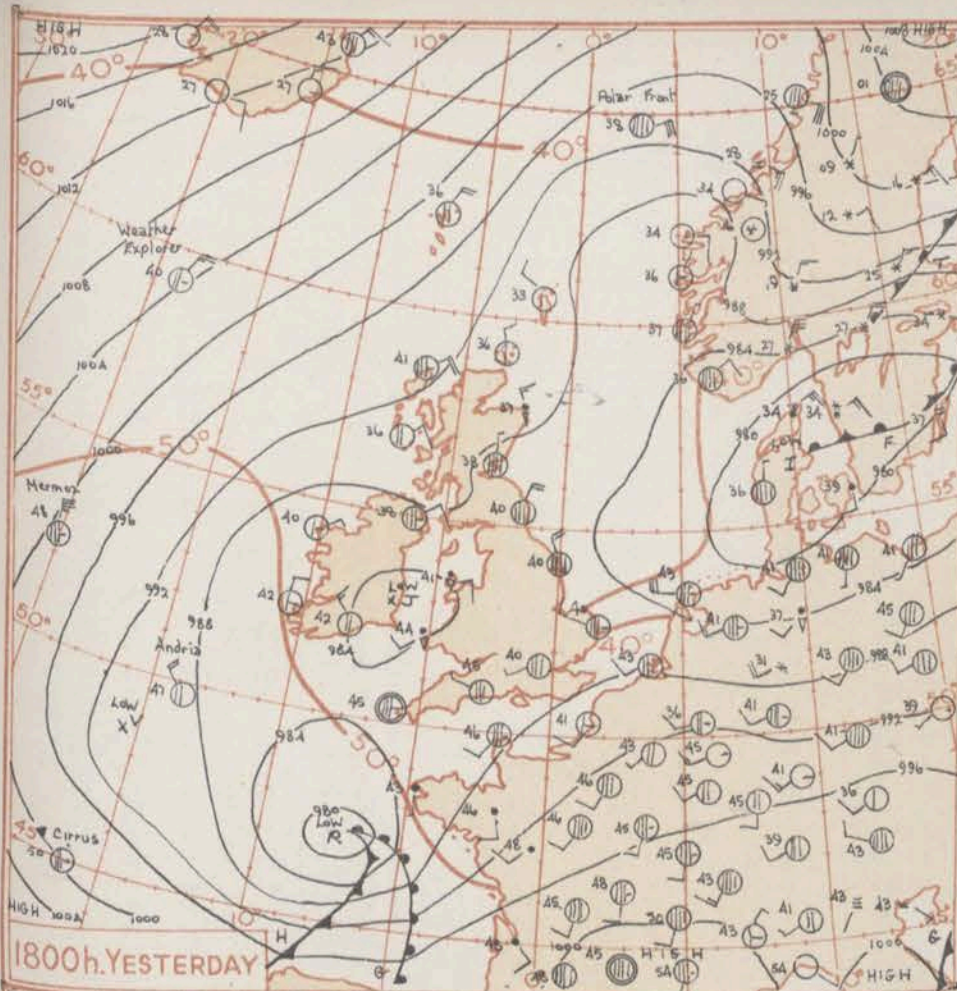
There will be showers and bright periods in Scotland and northern England these showers will be of snow in hills and of sleet or low ground in places. Fog developing overnight chiefly over northern England and the Midlands will disperse tomorrow morning. It will be mostly rather cold with slight frost in many areas tonight.

OUTLOOK FOR next 24 hours:— It will continue mostly rather cold with showers which will be mostly sleet or snow in northern districts.

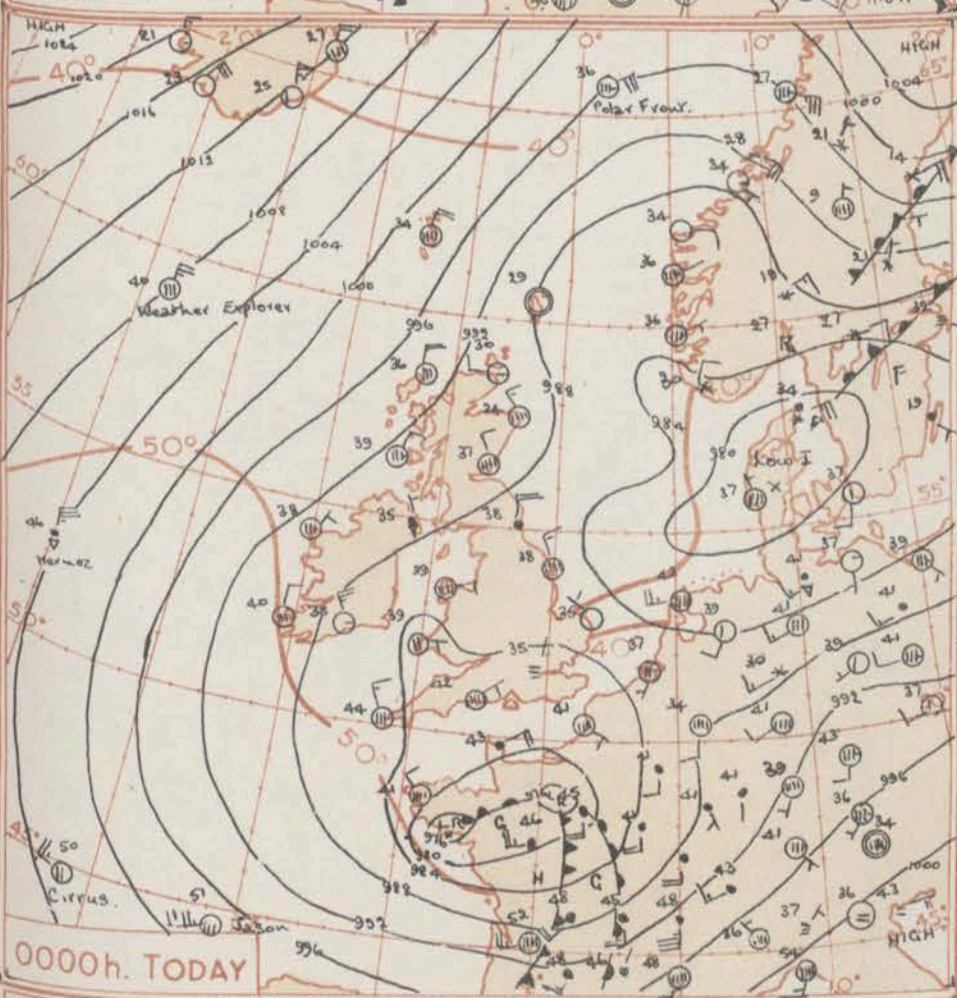
H.M.S.O. Press, M.O. Dunstable

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



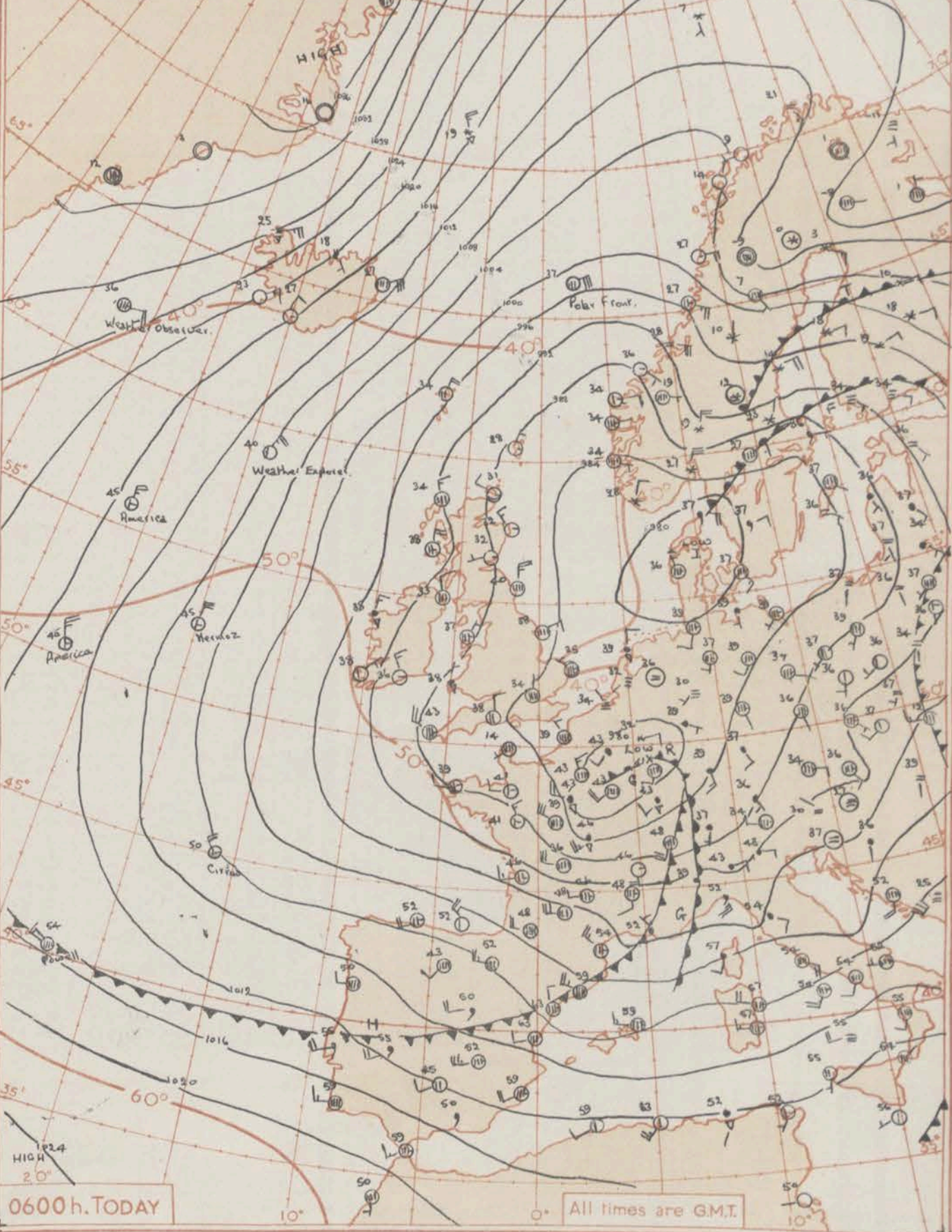


1800h. YESTERDAY



0000h. TODAY

Mean Sea surface isotherms for
FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



0600h. TODAY

All times are GMT.

GENERAL SYNOPSIS DEVELOPMENT A trough of low pressure over south Ireland yesterday has moved into the English Channel area and is filling up. A depression moved from west of Biscay into north France with some deepening but is now filling and moving northeast. A slow moving depression in the Denmark area is expected to move into the North Sea while minor troughs of low pressure move southwards round it across Scotland.

Issued at Mid-day today Friday 15th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

It will be rather cold with showers in most areas and some bright periods, but with fog patches night and morning in central England. There will be snow on high ground and night frost in many places.

OUTLOOK FOR following 24 hrs.— Similar.

No. 100

Code F
<p> MERMVL WEATHER POLAR TAMARO MANCHA U.S. SHI CIRROS NOVA U.S. SHI U.S. C </p>

No. 34789

Date of Issue Saturday 16th February 1957

No. 34789

OBSERVATIONS during DAY

18h. Ships Reports

12h. Ships Reports

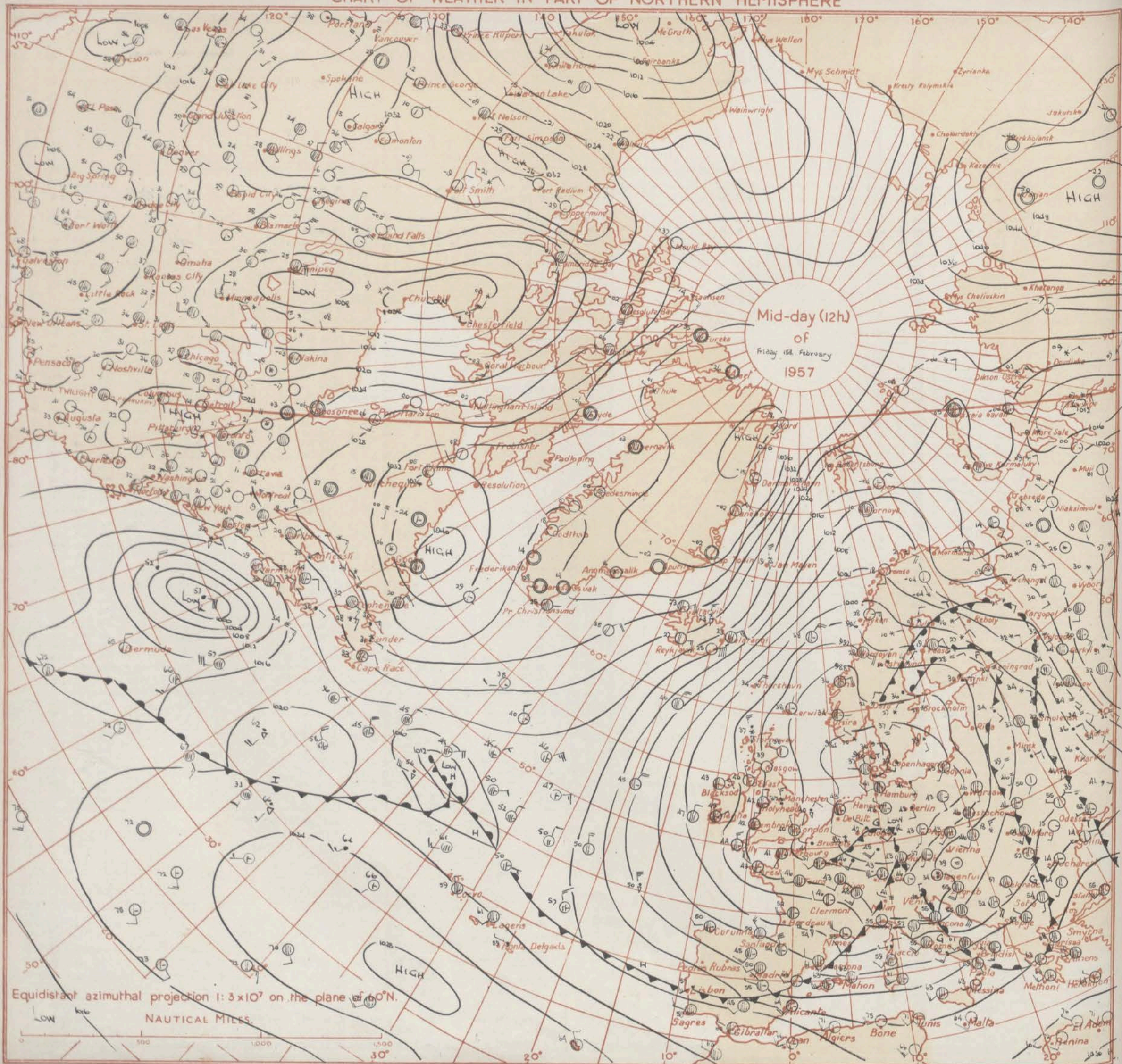
Ship	LAT.	LONG.	Total Cloud	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.	Temp.		Waves			
				Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction	Speed		Character & Change in 3 hours	Sea	Dew Point	Direction	Period	Height
	LALALA	LOLOLO	N	dd	ff	VV	www	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTb	TdTd	dwdw	Pw	Hw
MEAMOE	528	200	5	32	16	80	14	8	075	43	5	9	5	0	0	0	0	8	09	60	39	35	5	6
WEATHER EXPLORER	990	184	3	04	00	46	85	8	072	36	8	3	1	1	1	0	0	3	04	61	34	04	5	7
POLAR FRONT	660	0206	5	03	25	99	26	8	916	37	3	9	4	6	3	0	0	8	08	55	28	05	2	1
CIRCUS	450	158	4	33	24	80	15	8	088	50	4	9	4	0	0	7	2	3	13	53	37	31	5	7
WEATHER OBSERVER	621	333	6	03	21	99	03	8	279	32	6	5	6	0	0	2	1	7	06	60	28	04	1	5
U.S. SHIP '2	528	355	6	00	00	65	26	8	221	40	6	3	2	0	0	0	0	7	07	51	32	25	3	2
U.S. SHIP '8	440	410	6	29	28	69	15	2	152	55	6	3	6	0	0	0	0	3	17	51	49	26	3	9
CLAM MACLAY	456	087	3	31	40	98	15	1	002	60	3	9	1	0	0	5	5	1	21	83	42	29	7	5
NOVA SCOTIA	54	150	6	36	24	89	15	8	008	47	5	1	4	0	0	6	5	2	27	57	32	13	7	3
CATON	460	263	5	36	30	98	02	1	157	50	4	2	4	3	0	6	4	6	05	82	41	36	3	6

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 $1:3 \times 10^7$ on the plane of $60^\circ N$.

NAUTICAL MILES

1800h

HIGH

50°



56

71

4

1

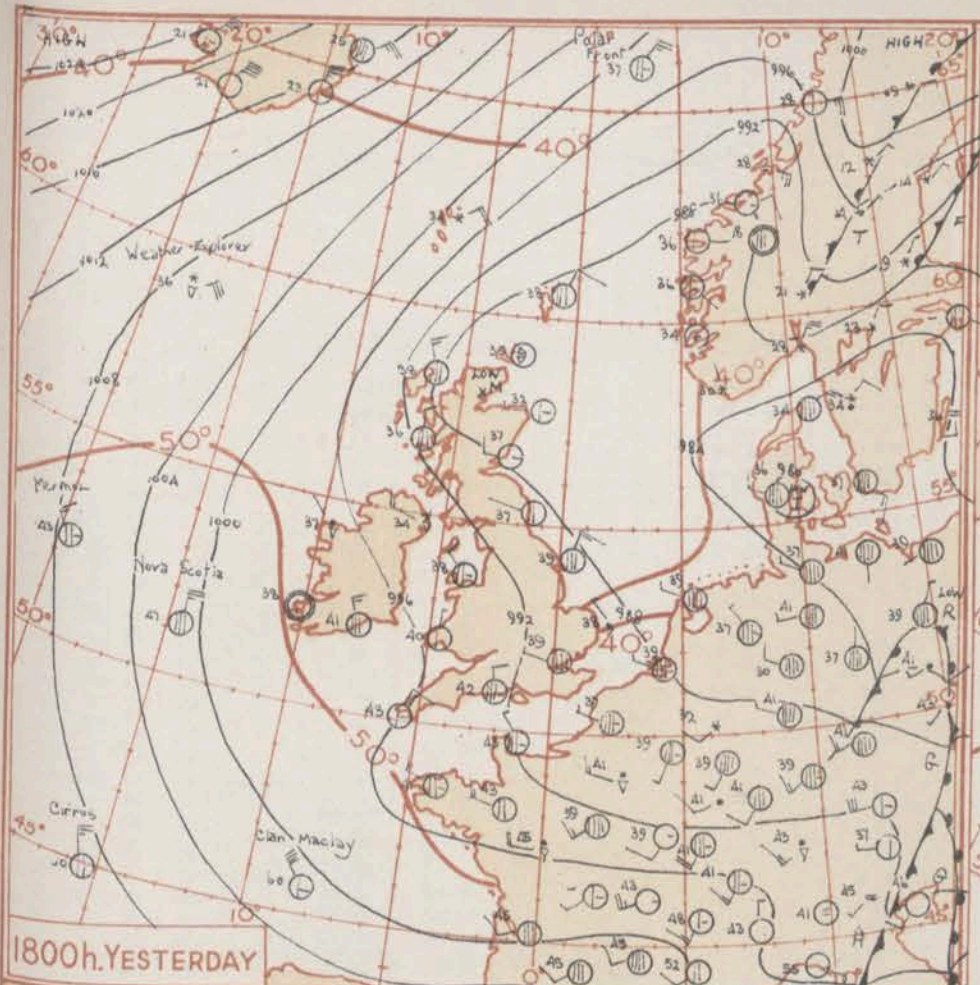
45

माधव

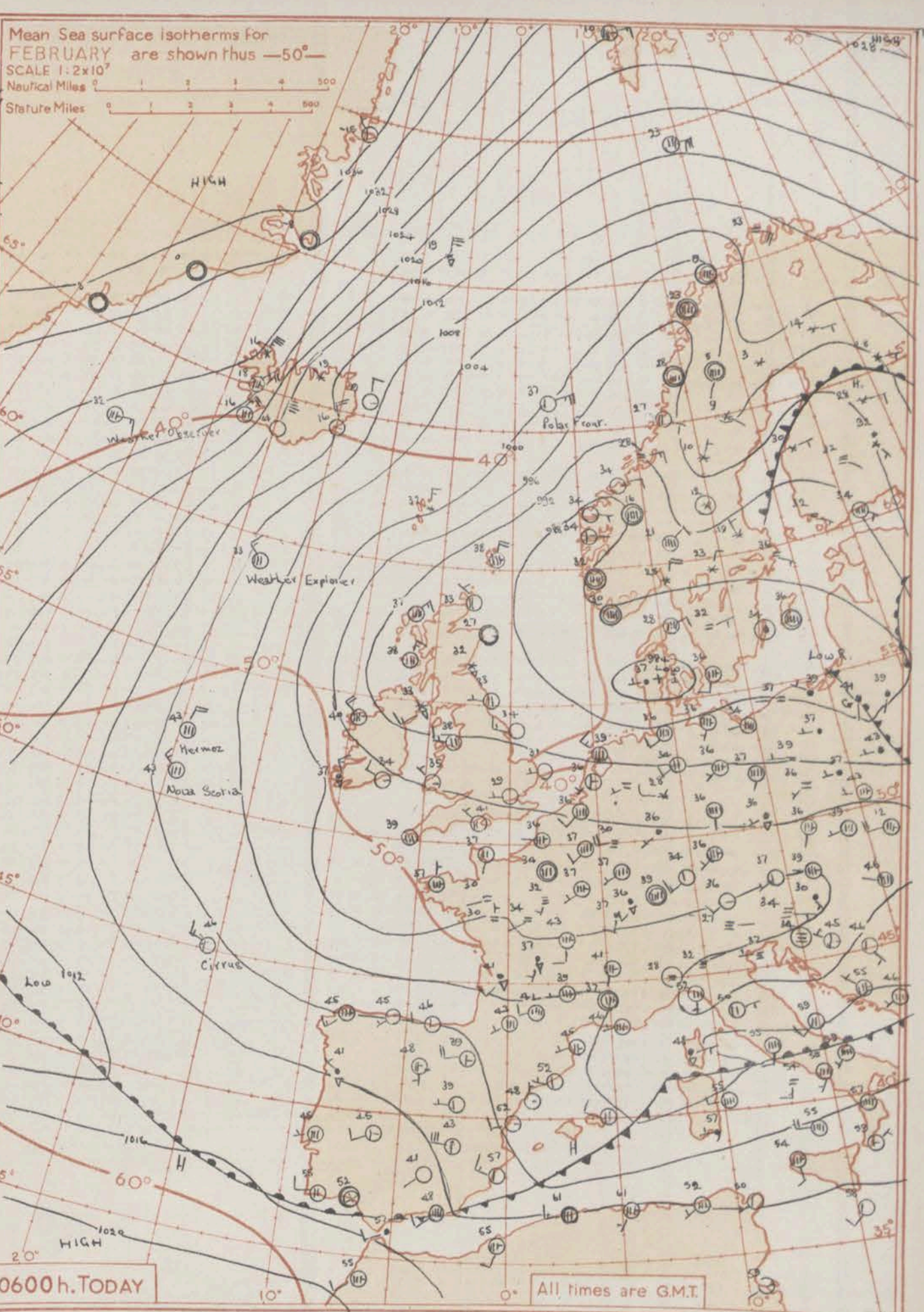
GENERAL

16 move
down E

Mean Sea surface isotherms for
FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



1800h. YESTERDAY



0600h. TODAY

All times are GMT.

0000h. TODAY

GENERAL SYNOPTIC DEVELOPMENT

Pressure remained low to the east of Britain and high to the west and northwest. In the mainly northerly stream a small depression developed over northwest Scotland and moved south. This will continue to move south or south-easterly over Wales and western districts of England later turning to the east over France.

Issued at Mid-day today Saturday 16th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

The weather will be rather cold with bright and sunny periods in most districts but also showers at times or perhaps short intervals of more general precipitation of rain, sleet or snow. Showers will be more frequent in northern areas. Significant snowfall is likely to be confined to high ground.

OUTLOOK FOR

following 24 hrs:- Probably continuing rather cold with bright periods and showers of rain, sleet or snow.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 16th February 1957																									OBSERVATIONS at 06h. G.M.T. 16th February 1957																									OBSERVATIONS during NIGHT								
Code F M 11.A	Station	Station Number	Total Cloud	Wind Direction	Wind Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Cloud 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. °F.	Min. °F. on grass	Rain 21h to 09h. in m.	State of ground 09h.																									
			(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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	London Airport	772	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Tangmere	874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Hurn	862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Guernsey	894	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Felixstowe	697	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Gorleston	497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Mildenhall	578	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Cardington	559	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	West Raynham	485	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Wittering	462	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Boscombe Down	746	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Ross-on-Wye	627	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Bristol	628	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Aberporth	502	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Pembroke Dock	604	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Plymouth	827	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Chivenor	707	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	St. Mawgan	817	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Culdrose	809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														

00h. 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							
					Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction			Speed	Characteristic	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
LsLs	LoLo	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	590	183	5	02	25	98	80	5	048	42	5	9	4	0	3	0	0	1	09	55	28	02	5	7			
HERMOZ	520	201	6	32	15	60	25	8	081	45	6	9	4	0	0	0	0	4	00	53	37	35	5	3			
CIRIUS	449	194	2	32	21	80	03	8	093	50	2	2	4	0	0	7	1	3	05	53	39	31	5	6			
POLAR FRONT	660	020E	2	06	22	99	03	1	076	87	4	9	4	0	0	0	0	4	00	55	52	05	3	2			
WEATHER OBSERVER	620	330	7	03	22	97	85	8	278	32	3	9	4	0	0	0	0	4	00	60	24	04	3	5			
U. S. SHIP "C"	520	355	8	02	03	03	61	6	230	38	8	0	5	2	0	0	0	2	03	53	33	02	3	3			
U. S. SHIP "D"	440	410	6	05	23	64	02	8	206	54	2	5	5	0	0	0	0	2	25	53	46	26	3	5			
NOVA SCOTIA	511	176	2	34	18	94	01	6	065	46	2	9	4	0	0	6	5	1	47	58	36	34	4	4			
MANCHESTER MERCHANT	512	119	7	35	13	94	01	8	010	42	6	2	3	0	0	6	5	2	10	55	32	-	-	-			
TAMAZOA	464	188	4	32	18	94	02	1	112	48	3	2	4	0	0	1	5	6	20	56	36	34	3	3			

06h. 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	Hgt.
LsLs	LoLo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	
WEATHER EXPLORER	592	182	6	33	16	98	02	8	075	33	5	3	4	0	0	0	0	8	21	65	30	49	5	7
HERMOZ	522	202	6	36	18	65	25	8	067	43	6	9	2	0	0	0	0	7	07	55	36	35	5	3
KIRKUS	451	161	2	31	14	82	01	1	093	46	2	3	5	0	2	7	1	4	00	53	34	32	5	5
POLAR FRONT	660	020E	2	05	23	99	15	1	997	37	2	9	2	0	0	0	0	4	00	52	53	05	3	3
WEATHER OBSERVER	621	332	7	08	15	98	01	8	272	32	7	8	5	1	1	0	0	8	11	59	21	05	3	2
U-S SHIP "C"	528	355	6	32	12	65	02	6	239	39	6	2	2	0	0	0	0	2	05	52	30	01	3	3
U-S SHIP "D"	450	410	6	07	16	64	02	2	213	54	5	1	5	0	8	0	0	8	08	56	43	26	3	4
HOVA SCOTIA	510	200	6	32	13	99	02	8	063	43	6	8	2	1	1	6	5	5	01	61	36	44	5	5
RANGITIKI	432	289	8	02	13	98	02	2	126	52	8	7	3	1	1	5	2	10	52	46	05	5	4	
WESTER DAM	493	171	5	32	12	98	02	8	066	46	5	2	5	0	0	2	6	7	62	53	36	03	4	4

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Sunday 17th February 1957

NIGHT

12h. to 09h. m. m.

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12h. Ships Reports

Code FM 21.A.						Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud				Course		Bar.		Temp.		Waves																								
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																								
																									Lat	Lon	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	dwdw	Pw	Hw
WEATHER EXPLORER	526	202	5	36	08	70	03	8	015	45	5	9	3	0	0	0	0	5	05	56	30	36	5	3																								
NOVA SCOTIA	552	185	7	02	08	95	65	8	075	32	7	9	1	-	-	0	0	7	05	65	31	02	4	6																								
RANGITIKI	509	226	3	36	13	99	10	8	091	44	3	2	4	0	0	6	5	2	12	60	37	36	4	4																								
AMERICAN MANUFACTURER	438	274	1	36	15	99	05	1	156	52	4	8	3	0	0	1	5	2	17	54	39	36	4	8																								
WEATHER OBSERVER	539	275	1	35	25	95	18	6	132	44	1	2	4	0	0	6	5	2	17	56	40	36	3	3																								
U.S. SHIP "C"	622	331	5	06	10	94	66	6	270	29	9	-	0	-	-	3	1	8	07	61	27	05	3	4																								
U.S. SHIP "D"	526	355	3	26	15	99	15	1	246	40	3	3	4	0	0	0	0	2	02	51	32	01	3	3																								
POLAR FRONT	440	410	4	09	12	99	02	2	212	35	2	1	5	0	7	0	0	2	02	55	46	08	3	4																								
CIRRUS	600	0205	3	05	22	99	16	0	977	27	2	9	4	0	3	0	0	4	00	54	25	05	3	4																								
	451	161	1	05	08	90	02	1	087	50	3	9	4	6	2	0	0	8	06	54	37	30	5	4																								

18h. Ships Reports

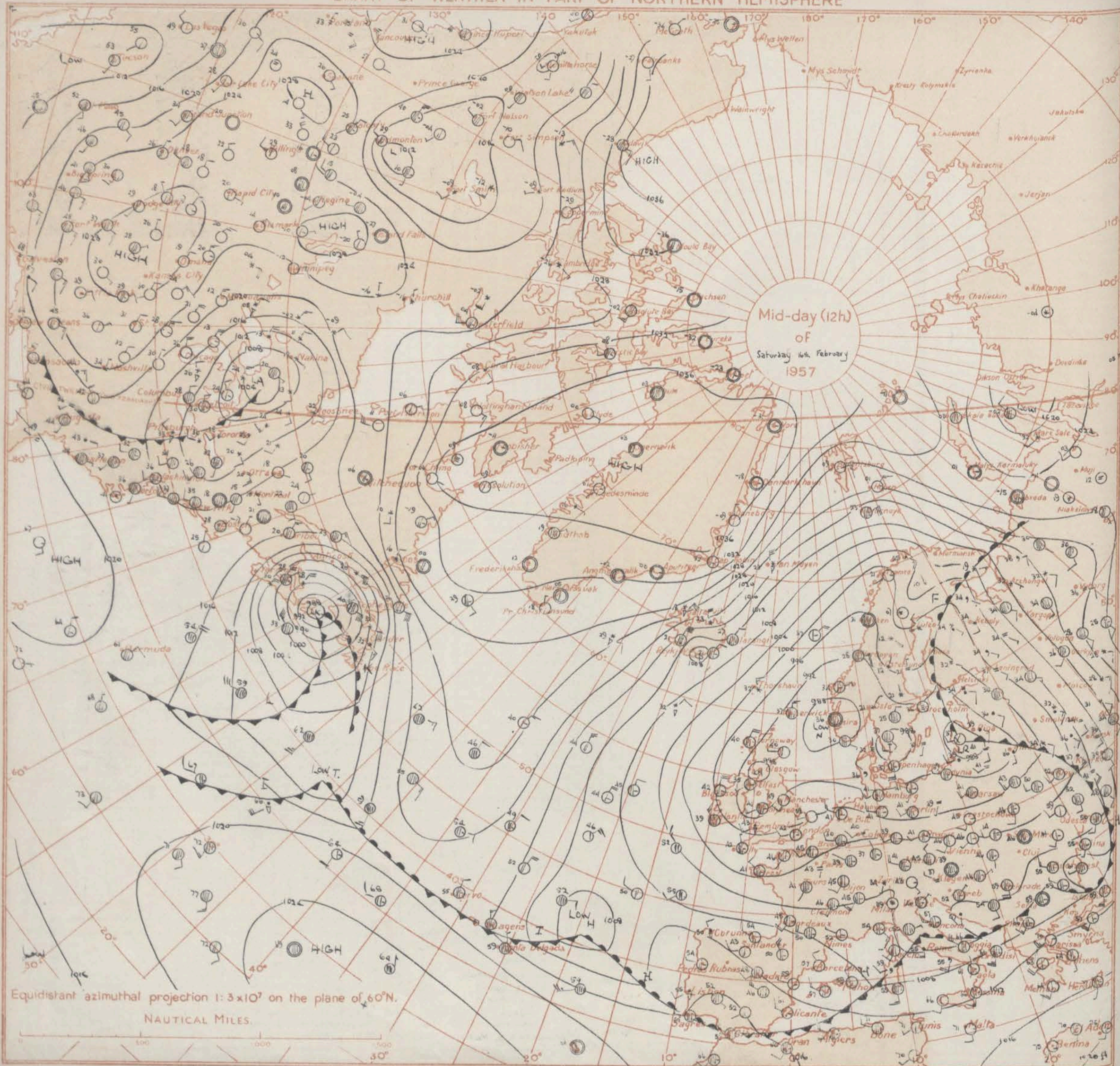
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.		Temp.		Waves			
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction	Speed	Character & Change in 3 hours	Sea	Dew Point	Direction	Period	Height	
LsLs	LoLo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTa	TdTw	dwdw	Pw	Hw	
MERRAL	526	201	4	33	46	60	15	1	DS2	43	2	9	5	0	3	0	0	6	07	60	34	36	5	3
WEATHER EXPLORER	592	183	7	35	25	97	22	7	061	32	7	8	4	-	-	0	0	5	03	66	27	02	4	8
POLAR FRONT	660	020E	7	02	20	99	15	8	991	37	6	9	4	6	-	0	0	2	07	56	28	04	4	5
CIRRUS	451	460	7	00	00	84	27	1	064	48	6	9	4	6	2	0	0	6	03	55	36	33	5	4
WEATHER OBSERVER	620	330	7	03	17	93	07	8	254	42	7	8	5	-	-	2	1	7	09	60	21	-	-	-
U.S. SHIP 'C	528	215	2	36	09	69	02	2	256	42	2	2	4	0	0	0	0	4	00	00	36	36	2	3
U.S. SHIP 'D	440	410	8	11	28	69	02	2	62	56	6	4	5	7	-	0	0	7	32	54	46	10	3	4
RIALTO	581	124	6	01	13	93	15	1	996	41	5	7	3	3	0	6	5	2	15	58	37	03	-	4
MARTITA	480	072	6	28	18	93	16	8	046	47	5	6	4	6	0	8	3	6	07	05	39	28	3	2
MANCHESTER MERCHANT	504	185	4	31	09	93	02	0	046	45	4	2	6	0	0	5	5	4	00	53	32	-	-	-

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

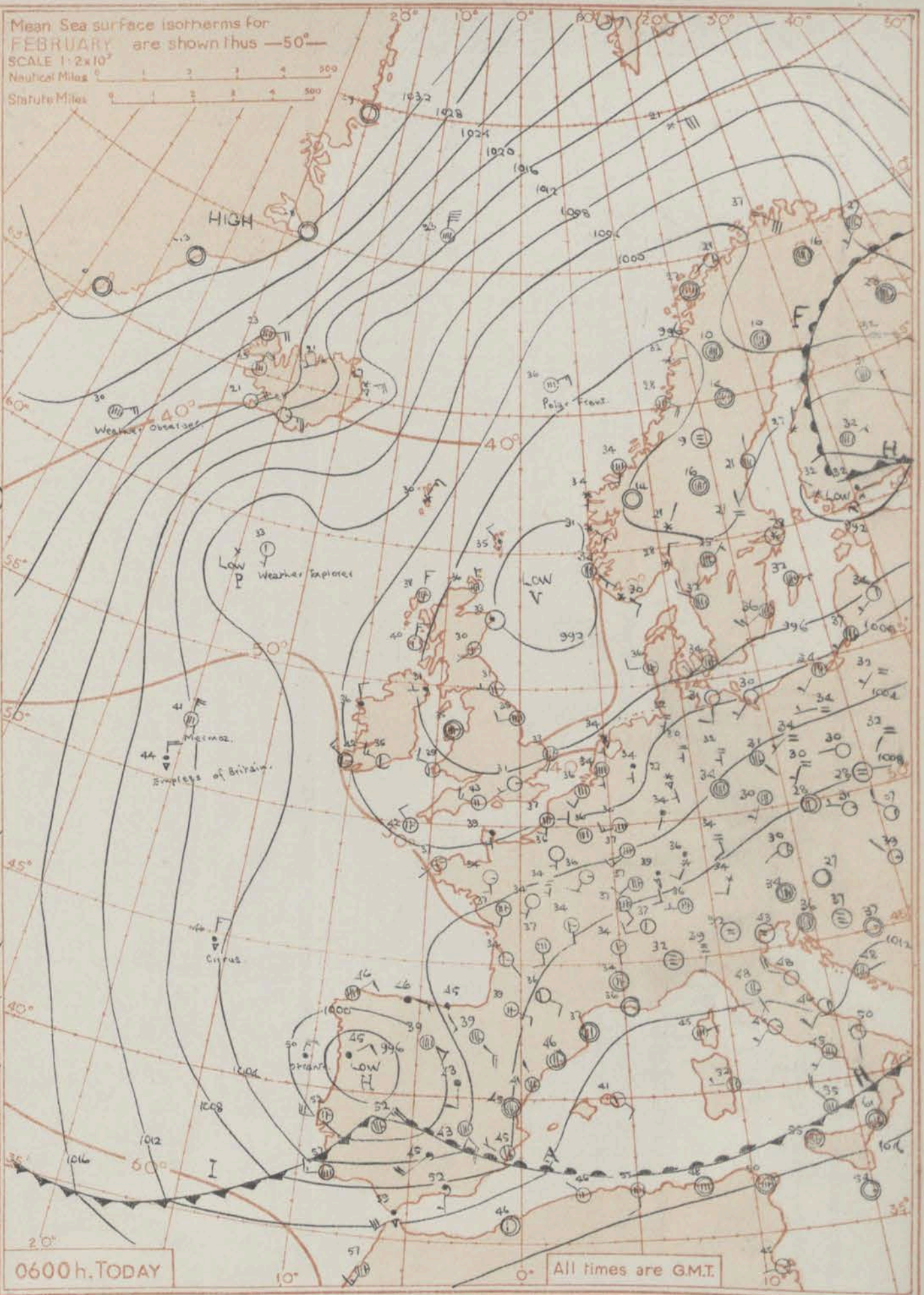
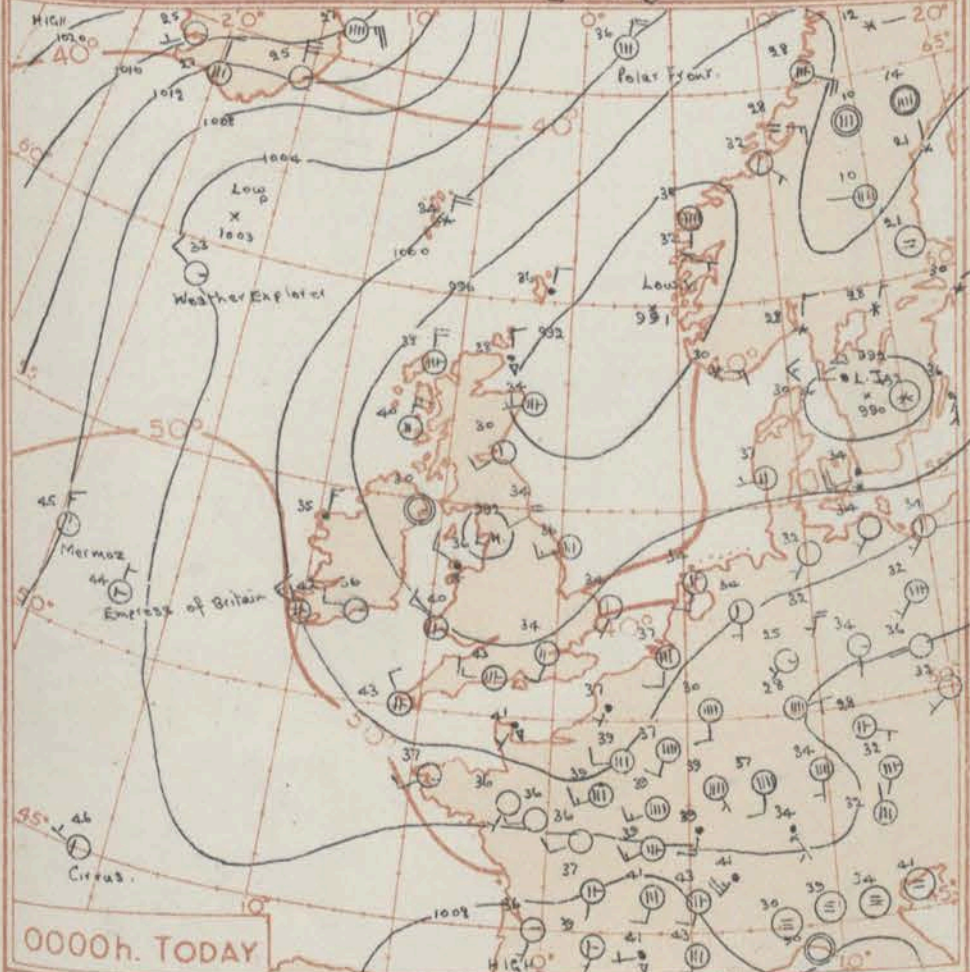
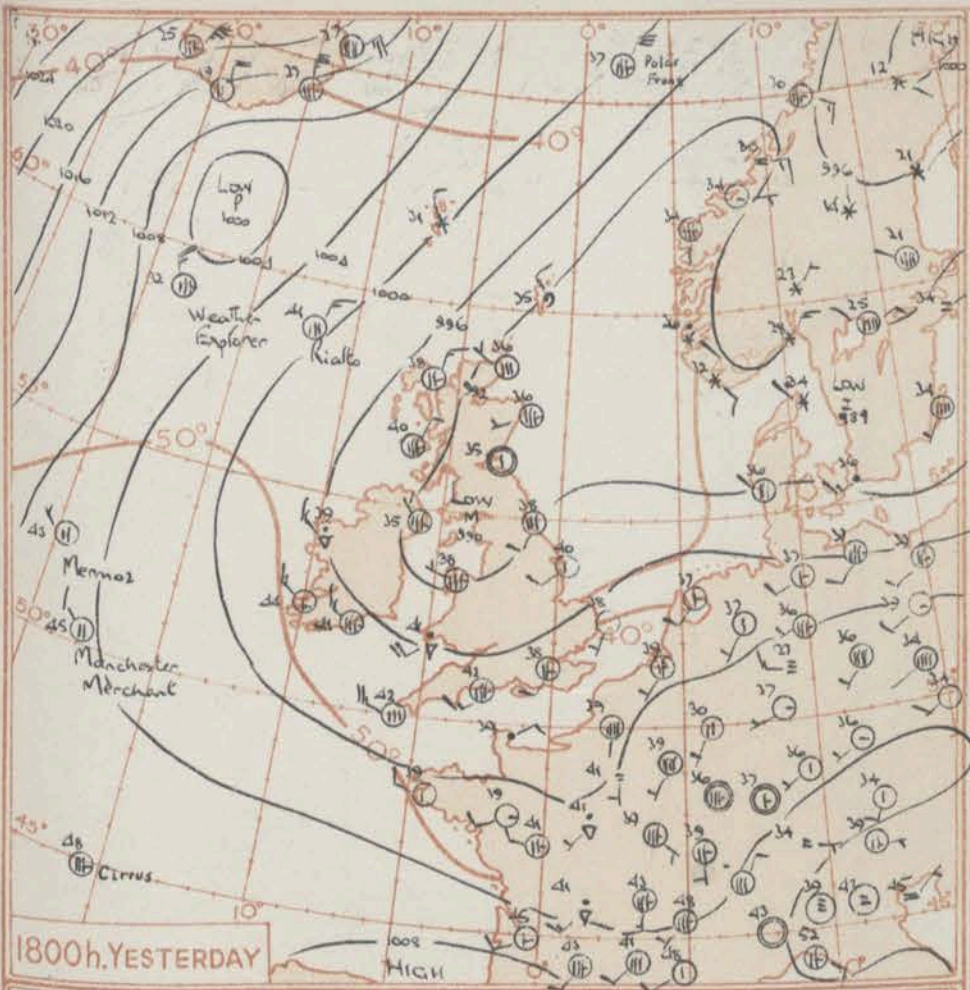
* Information not usually received.

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.



GENERAL SYNOPSIS DEVELOPMENT

A weak polar trough which yesterday being slowly southeast over the British Isles is now filling slowly, and almost stationary over England and Wales, but otherwise little change is expected over the British Isles. A new depression is expected to deepen south of Iceland and the depressions over the Atlantic and over Spain will move eastward.

Issued at mid-day today Sunday 17th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Rather cold weather will continue with night frost in many places. Bright periods will occur in most areas but some scattered sleet or snow showers will occur inland and rain showers in some coastal areas. In northern Scotland showers will be fairly frequent and moderate snowfall is expected over the Highlands.

OUTLOOK FOR following 24 hours:- Probably continuing rather cold with night frosts, some scattered showers and also bright periods.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. 24787

Date of Issue... Monday... 18th February... 1957

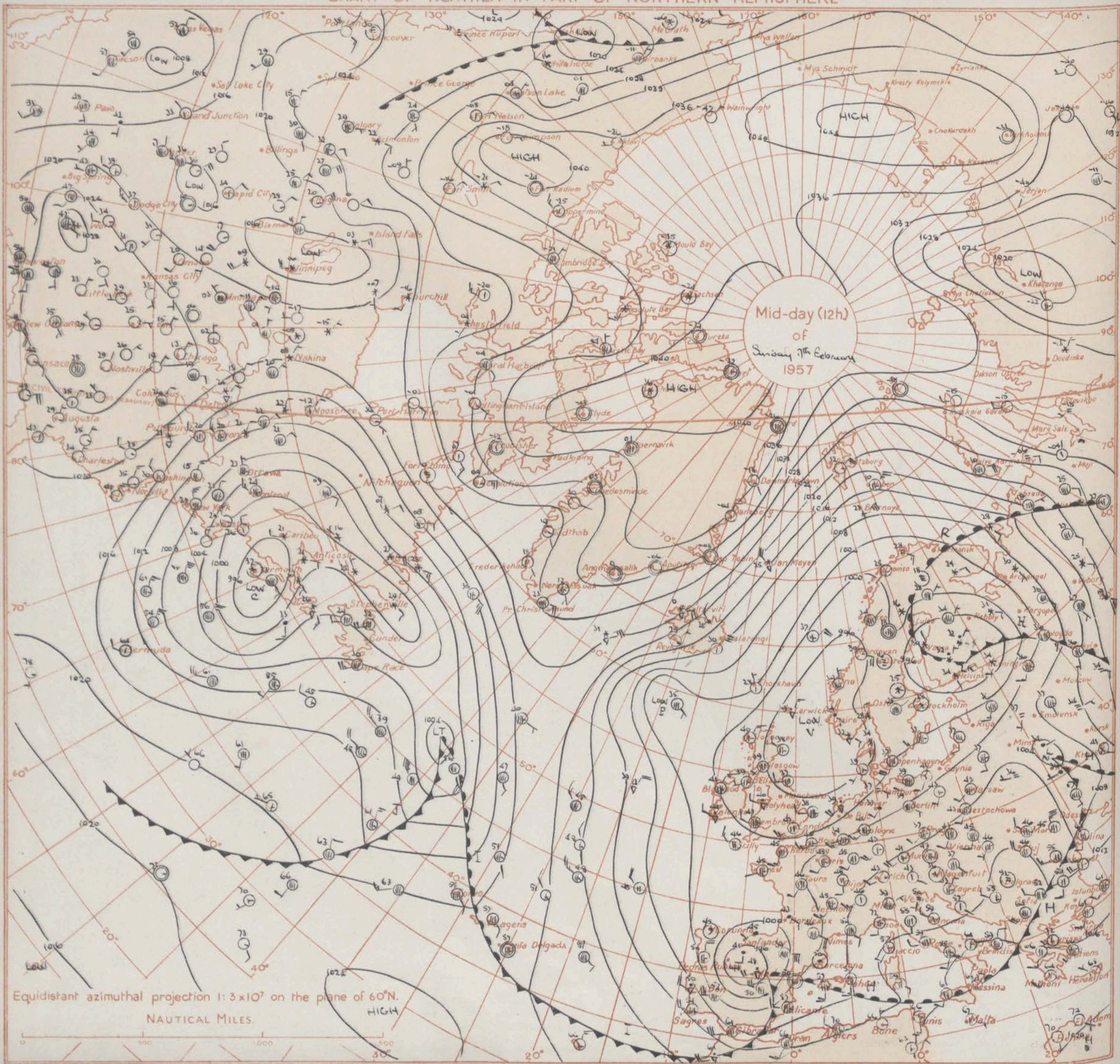
OBSERVATIONS at 12h. G.M.T. 17th February 1957

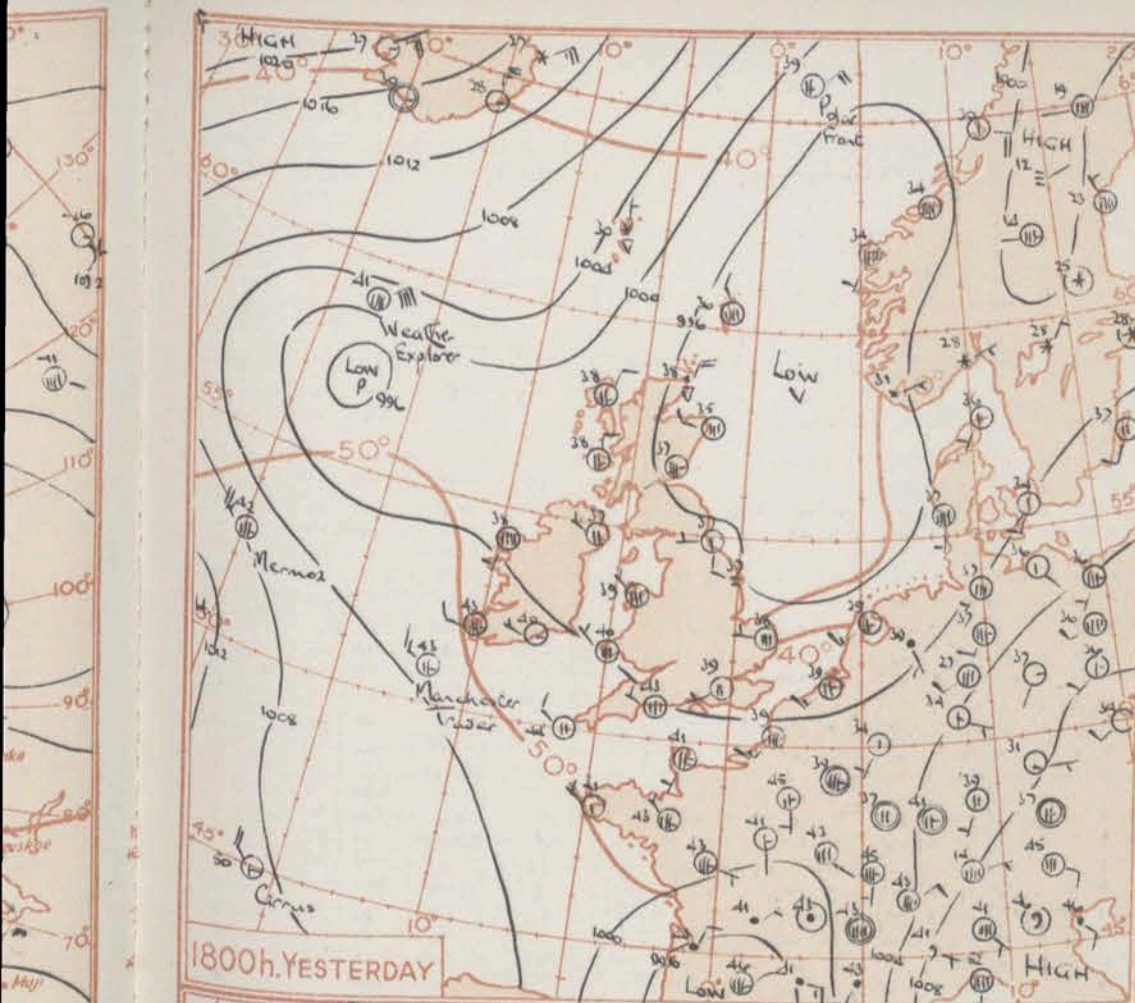
OBSERVATIONS at 18h. G.M.T. 17th February 1957

OBSERVATIONS during DAY

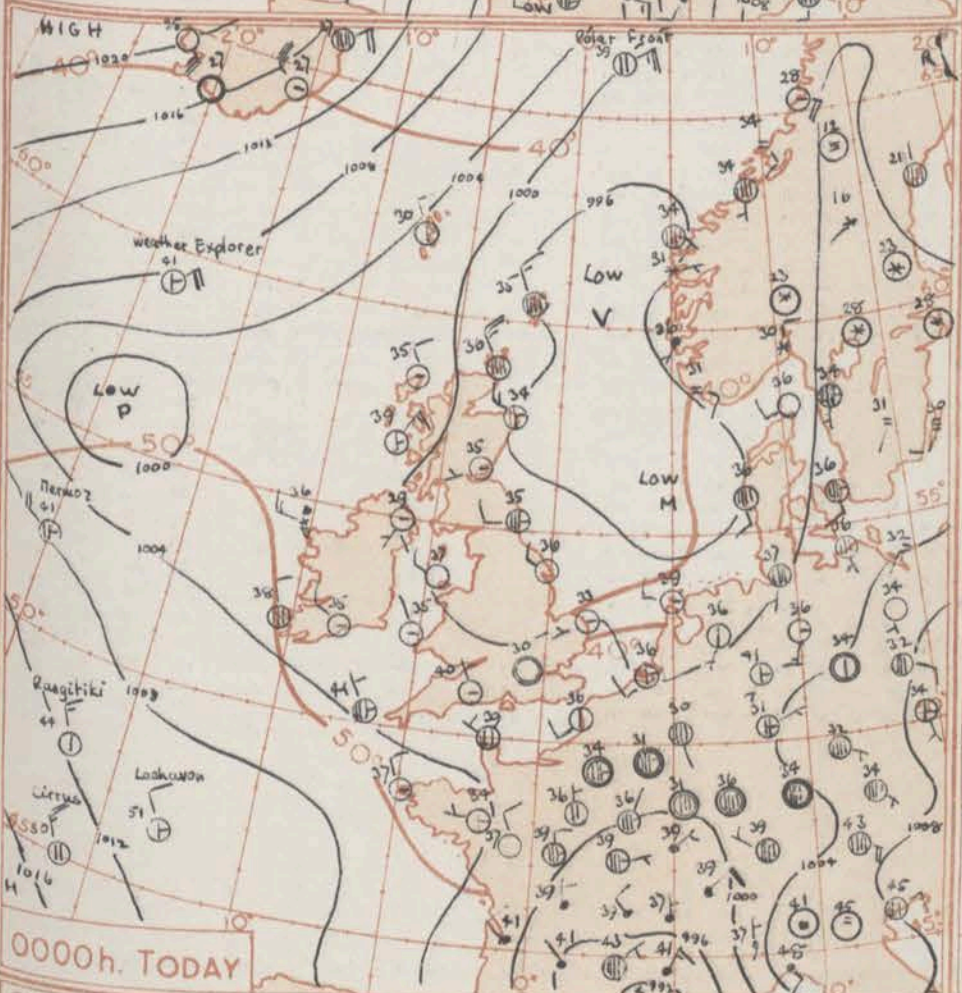
Code FM 11.A		OBSERVATIONS during NIGHT																				OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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	Max Temp. 09h. to 21h. °F	Sunshine	Rain 09h. to 21h. mm.	State of ground 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		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	Amount	Form	Height	Amount	Form	Height	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	4	2	1	7	05	0	98	4	2	1	5	0	1	10	1	0	4	6	20	3	25	05	32	0	0	99	4	2	1	0	99	4	2	1	0	3	31	1	0	4	6	40	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	20	4	6	2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



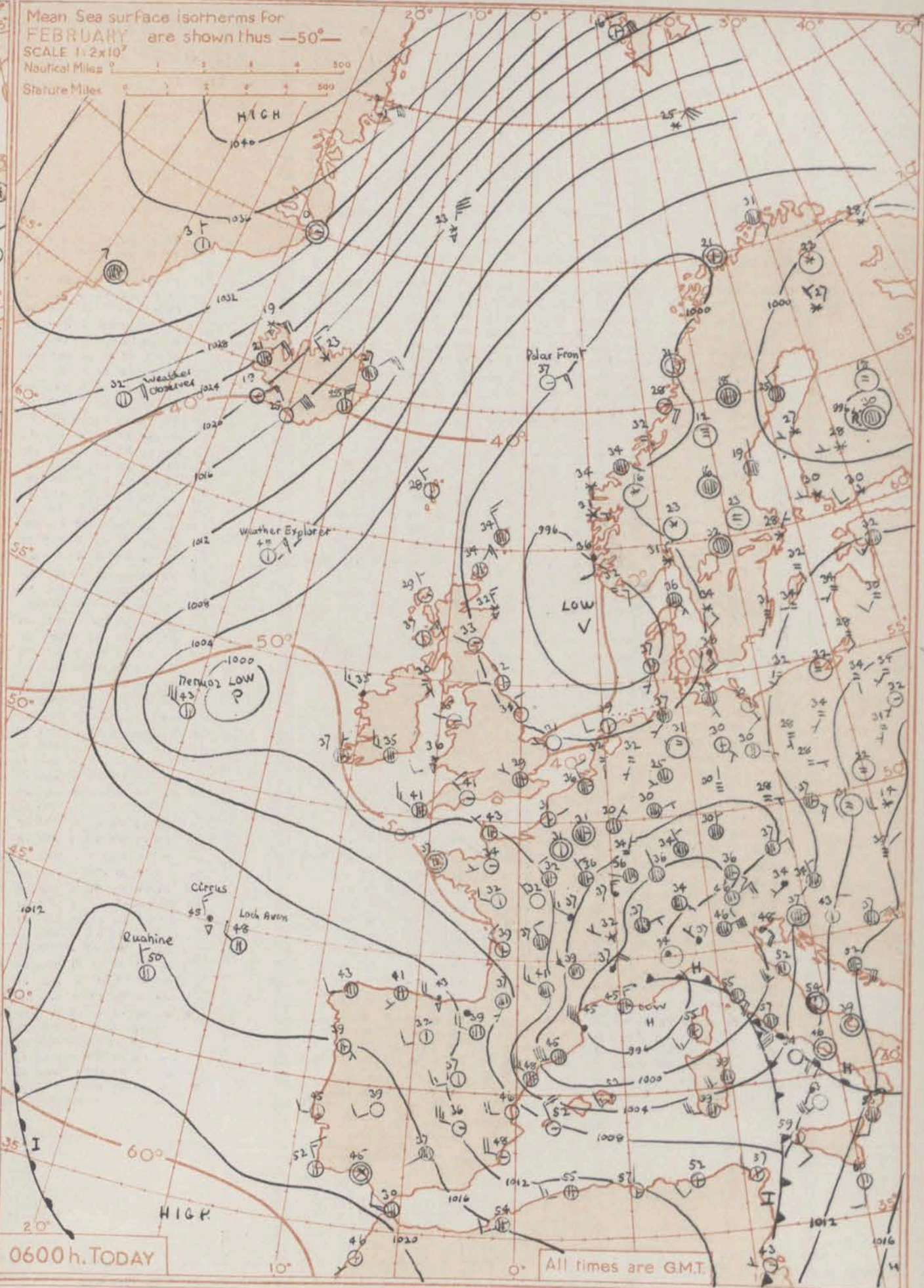


1800h. YESTERDAY



0000h. TODAY

Mean Sea surface isotherms for
FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



0600h. TODAY

All times are GMT.

GENERAL SYNOPSIS DEVELOPMENT

The depression over the North Sea filled a little but remained almost stationary. A depression south of Iceland yesterday moved south-southeast to the west of Ireland. It will continue on this track to southwest of Ireland but will probably turn eastwards towards the English Channel later.

Issued at midday today Monday 18th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

There will be sunny intervals with showers mainly in the west and north. The showers will be of rain or sleet on low ground and of snow on hills. Tonight and tomorrow morning periods of rain may affect southwest England. It will be rather cold with night frost developing widely.

OUTLOOK FOR the following 24 hours: It will continue rather cold with showers chiefly in the west and north. Night frost will be widespread.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 18th February 1954

OBSERVATIONS at 06h. G.M.T. 18th February 1954

OBSERVATIONS during NIGHT

Code FM 11.A		OBSERVATIONS at 00h. G.M.T.																				OBSERVATIONS at 06h. G.M.T.																				OBSERVATIONS during NIGHT				
Station	Station Number	Wind			Weather			Cloud			Bar			Cloud Layers			Wind			Weather			Cloud			Bar			Cloud Layers			Weather	Temp.		Rain 21h to 09h, in.	State of ground 09h.										
		Direction	Speed	Force	Present	Past	Bar at M.S.L.	Amount	Low	Height	Amount	Low	Height	Amount	Low	Height	Direction	Speed	Force	Present	Past	Bar at M.S.L.	Amount	Low	Height	Amount	Low	Height	Min. 21h to 05h	Max. 21h to 05h																
		N	dd	ff	vv	ww	ppp	tt	hh	cl	h	cm	ch	td	td	td	N	dd	ff	vv	ww	ppp	tt	hh	cl	h	cm	ch	td	td	td	pp	pp	pp	pp											
Kew	775	0	00	00	00	00	004	30	0	0	0	0	0	0	0	0	0	00	00	00	00	00	004	30	0	0	0	0	0	0	0	0	0	0	0	0										
London Airport	772	0	00	00	00	00	004	30	0	0	0	0	0	0	0	0	0	00	00	00	00	00	004	30	0	0	0	0	0	0	0	0	0	0	0	0										
Tangmere	874	1	00	00	00	00	005	29	1	5	6	0	0	0	0	0	0	00	00	00	00	00	005	29	1	5	6	0	0	0	0	0	0	0	0	0										
Hurn	862	0	00	00	00	00	013	29	0	0	0	0	0	0	0	0	0	00	00	00	00	00	013	29	0	0	0	0	0	0	0	0	0	0	0	0										
Guernsey	894	2	30	14	83	03	0	028	40	1	9	4	0	0	0	0	0	00	00	00	00	00	028	40	1	9	4	0	0	0	0	0	0	0	0	0										
Felixstowe	697	0	20	01	48	02	0	000	27	0	0	9	0	0	0	0	0	00	00	00	00	00	000	27	0	0	9	0	0	0	0	0	0	0	0	0										
Gorleston	497	1	24	06	60	02	0	004	32	1	0	9	4	0	0	0	0	00	00	00	00	00	004	32	1	0	9	4	0	0	0	0	0	0	0	0										
Mildenhall	578	3	18	03	28	03	1	005	34	3	0	9	3	0	0	0	0	00	00	00	00	00	005	34	3	0	9	3	0	0	0	0	0	0	0	0										
Cardington	559	4	26	01	56	03	1	000	31	4	5	7	0	0	0	0	0	00	00	00	00	00	000	31	4	5	7	0	0	0	0	0	0	0	0	0										
West Raynham	485	1	23	05	40	02	0	093	23	1	5	7	0	0	0	0	0	00	00	00	00	00	093	23	1	5	7	0	0	0	0	0	0	0	0	0										
Wittering	462	1	27	05	37	03	1	096	33	7	5	7	0	0	0	0	0	00	00	00	00	00	096	33	7	5	7	0	0	0	0	0	0	0	0	0										
Boscombe Down	746	0	31	02	63	02	1	012	31	0	0	9	0	0	0	0	0	00	00	00	00	00	012	31	0	0	9	0	0	0	0	0	0	0	0	0										
Ross-on-Wye	627	0	00	00	00	00	0	000	27	0	0	0	0	0	0	0	0	00	00	00	00	00	000	27	0	0	0	0	0	0	0	0	0	0	0	0	0									
Bristol	628	0	26	03	63	03	0	014	36	0	0	9	0	0	0	0	0	00	00	00	00	00	014	36	0	0	9	0	0	0	0	0	0	0	0	0										
Aberporth	502	2	27	09	83	02	0	014	37	2	2	8	0	0	0	0	0	00	00	00	00	00	014	37	2	2	8	0	0	0	0	0	0	0	0	0										
Pembroke Dock	604	1	34	02	81	02	0	019	35	1	2	5	0	0	0	0	0	00	00	00	00	00	019	35	1	2	5	0	0	0	0	0	0	0	0	0	0									
Plymouth	827	0	00	00	00	00	0	026	36	0	0	9	0	0	0	0	0	00	00	00	00	00	026	36	0	0	9	0	0	0	0	0	0	0	0	0	0									
Chivenor	707	6	27	01	82	00	0	026	38	6	8	5	0	0	0	0	0	00	00	00	00	00	026	38	6	8	5	0	0	0	0	0	0	0	0	0	0									
St. Mawgan	817	3	32	05	74	02	1	028	39	2	2	5	0	0	0	0	0	00	00	00	00	00	028	39	2	2	5	0	0	0	0	0	0	0	0	0	0									
Culdrose	809	6	20	15	82	00	0	036	39	6	2	5	0	0	0	0	0	00	00	00	00	00	036	39	6	2	5	0	0	0	0	0	0	0	0	0	0									
Scilly	804	7	33	07	82	00	0	037	41	4	4	6	0	0	0	0	0	00	00	00	00	00	037	41	4	4	6	0	0	0	0	0	0	0	0	0	0									
Elmdon	534	0	20	04	23	00	0	099	33	0	0	9	0	0	0	0	0	00	00	00	00	00	099	33	0	0	9	0	0	0	0	0	0	0	0	0	0									
Shawbury	414	1	25	06	74	01	0	002	29	1	4	0	0	0	0	0	0	00	00	00	00	00	002	29	1	4	0	0	0	0	0	0	0	0	0	0	0									
Manchester	334	7	19	08	82	03	7	093	35	3	6	2	0	0	0	0	0	00	00	00	00	00	093	35	3	6	2	0	0	0	0	0	0	0	0	0	0									
Squires Gate	318	0	30	08	74	01	0	099	37	0	0	9	0	0	0	0	0	00	00	00	00	00	099	37	0	0	9	0	0	0	0	0	0	0	0	0	0									
Valley	302	0	30	08	74	01	0	099	37	0	0	9	0	0	0	0	0	00	00	00	00	00	099	37	0	0	9	0	0	0	0	0	0	0	0	0	0									
Ronaldsway	204	2	00	00	83	03	0	094	35	2	2	4	0	0	0	0	0	00	00	00	00	00	094	35	2	2	4	0	0	0	0	0	0	0	0	0	0									
Silloth	214	0	22	01	08	04	4	089	31	0	0	9	0	0	0	0	0	00	00	00	00	00	089	31	0	0	9	0	0	0	0	0	0	0	0	0	0									
Watnall	354	6	24	05	40	02	6	097	33	6	5	7	0	0	0	0	0	00	00	00	00	00	097	33	6	5	7	0	0	0	0	0	0	0	0	0	0									
Spurn Head	396	0	30	10	24	02	0	084	36	0	0	9	0	0	0	0	0	00	00	00	00	00	084	36	0	0	9	0	0	0	0	0	0	0	0	0	0									
Lindholme	362	7	20	03	04	06	4	088	33	0	0	9	0	0	0	0	0	00	00	00	00	00	088	33	0	0	9	0	0	0	0	0	0	0	0	0	0									
Dishforth	261	6	00	00	00	00	1	089	29	1	5	7	0	0	0	0	0	00	00	00	00	00	089	29	1	5	7	0	0	0	0	0	0	0	0	0	0									
Tynemouth	262	7	21	09	08	02	1	074	28	7	5	6	0	0	0	0	0	00	00	00	00	00	074	28	7	5	6	0	0	0	0	0	0	0	0	0	0									
Eskdalemuir	162	0	00	00	00	00	0	000	27	0	0	0	0	0	0	0	0	00	00	00	00	00	000	27	0	0	0	0	0	0	0	0	0	0	0	0	0									
West Freugh	130	0	00	00	00	00	0	000	27	0	0	0	0	0	0	0	0	00	00	00	00	00	000	27	0	0	0	0	0	0	0	0	0	0	0	0	0									
Prestwick	135	1	00	00</																																										

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue Tuesday 19th February 1957

No. 34788

OBSERVATIONS at 12h. G.M.T. 18th February 1957

OBSERVATIONS at 18h. G.M.T. 18th February 1957

OBSERVATIONS during DAY

[illegible]

12h. Ships Reports

18h. Ships Reports

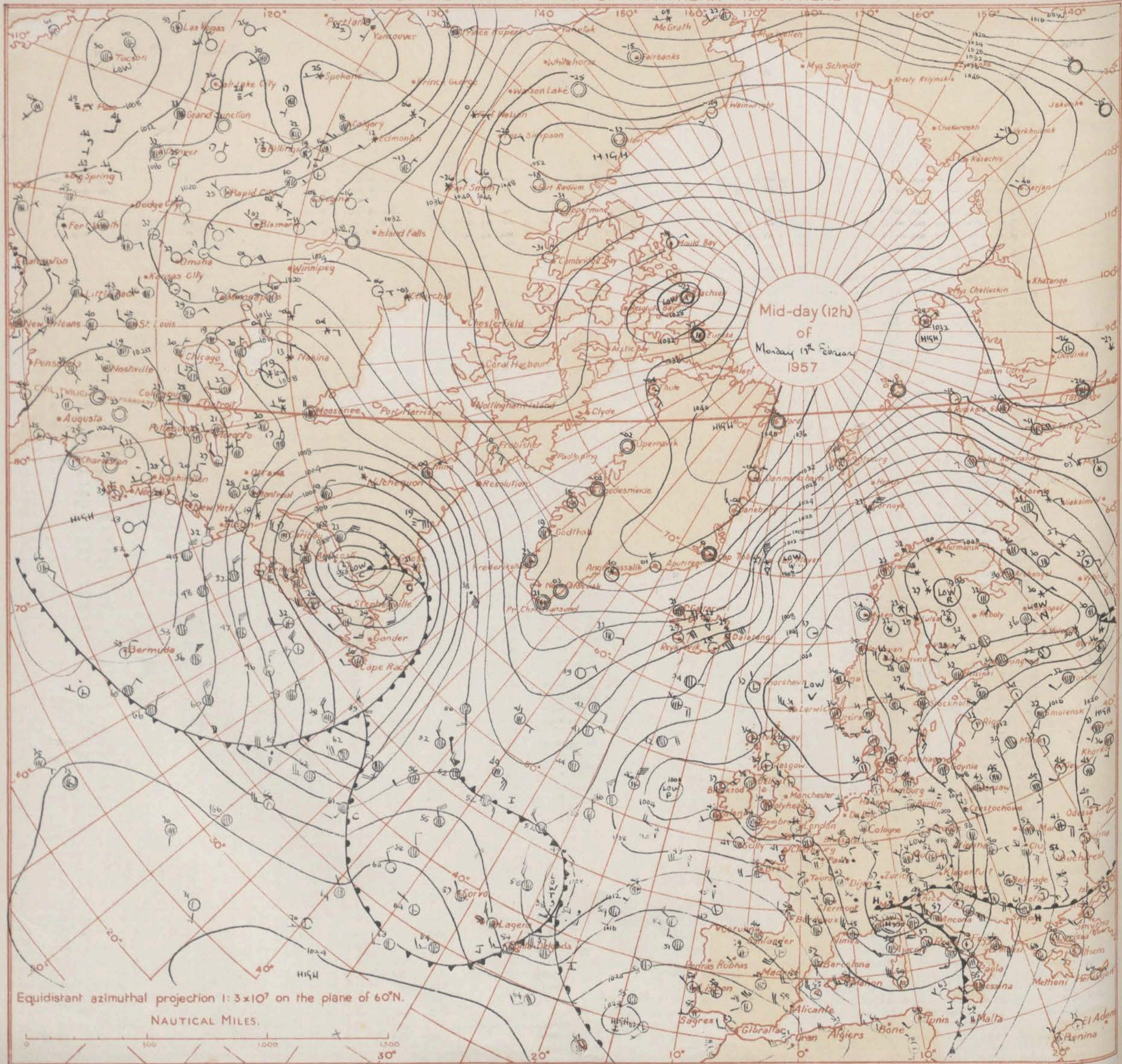
Waves		Code F M 21.A																								Code F M 21.B																																						
Direction	Period	Height	Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.	Temp.	Waves		Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.	Temp.	Waves																			
														Amount	Low	Height	Medium	High	Direction	Speed			Direction	Period												Height	Amount	Low	Height	Medium	High	Direction			Speed	Change in 3 hours	Sea	Dew Point	Direction	Period	Height	Amount	Low	Height	Medium	High	Direction	Speed	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
														Nh	CL	h	CM	CH	Ds	Vs			a	pp												Ts	Td	Td	dwdw	Pw	Hw	Nh			CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw	Nh	CL	h	CM	CH	Ds
04	6	7	WEATHER EXPLORER	590	185	7	09	18	98	02	8	115	36	7	8	4	0	0	2	05	62	33	04	4	6	WEATHER EXPLORER	589	185	2	00	00	99	01	7	106	37	2	9	4	0	0	0	8	08	61	33	04	5	6															
36	5	5	MEMO2	525	201	5	36	41	80	02	8	056	46	5	5	0	0	8	2	26	56	36	56	5	8	MEMO2	526	201	2	01	14	80	01	8	101	42	2	3	5	0	0	0	0	2	07	57	30	36	5	6														
33	5	4	CIRRUS	451	160	7	23	07	75	15	8	145	48	3	9	4	7	0	0	0	55	36	12	54	PARTHIA	504	237	5	35	10	98	02	1	120	46	5	2	4	0	0	6	6	3	20	54	30	35	2	3															
36	3	2	PAGE FRONT	660	030E	1	05	11	99	02	0	013	37	1	4	5	4	0	0	0	2	40	56	25	06	3	CORINALDO	515	297	0	32	15	98	15	0	167	42	6	3	5	0	1	6	5	3	62	58	37																
33	3	4	U.S. SHIP "B"	617	362	6	06	11	91	16	8	257	33	6	9	4	8	2	0	0	2	04	58	28	03	3	WEATHER OBSERVER	617	332	5	06	18	98	15	8	258	32	5	2	5	0	0	1	1	7	03																		
3	4	8	U.S. SHIP "E"	525	510	8	09	41	58	61	4	089	38	8	0	4	2	0	0	0	6	08	02	36	10	3	POLAR FRONT	600	020E	3	01	10	99	02	0	020	38	3	5	5	0	4	0	0	2	05	55	27	01	4	3													
51	3	3	U.S. SHIP "D"	355	609	6	09	26	69	02	2	271	41	6	5	3	0	0	0	0	3	07	51	31	16	3	U.S. SHIP "D"	442	410	8	18	32	65	02	2	062	59	8	5	5	1	0	0	0	7	54	51	54	19	2	4													
0	1	1	U.S. SHIP "E"	442	408	7	20	13	69	02	2	136	30	2	5	4	7	0	0	0	8	14	01	48	33	3	U.S. SHIP "E"	528	355	7	11	15	69	02	2	197	40	7	5	6	0	0	0	0	7	14	52	28	10	3	4													
33	5	4	MANCHESTER MARINER	350	480	2	23	23	69	01	1	173	66	2	1	5	0	0	0	0	1	05	00	09	21	2	MANCHESTER MARINER	487	334	4	12	13	98	02	0	264	47	4	5	5	0	1	6	5	2	10	56	43	12	3	3													
				484	349	6	11	24	38	03	1	136	49	5	2	5	8	0	1	5	2	46	53	43	12	4	CIRRUS	450	160	7	30	02	80	25	2	120	48	4	9	4	7	0	0	0	6	13	55	26	34	5	4													
All-																																																																

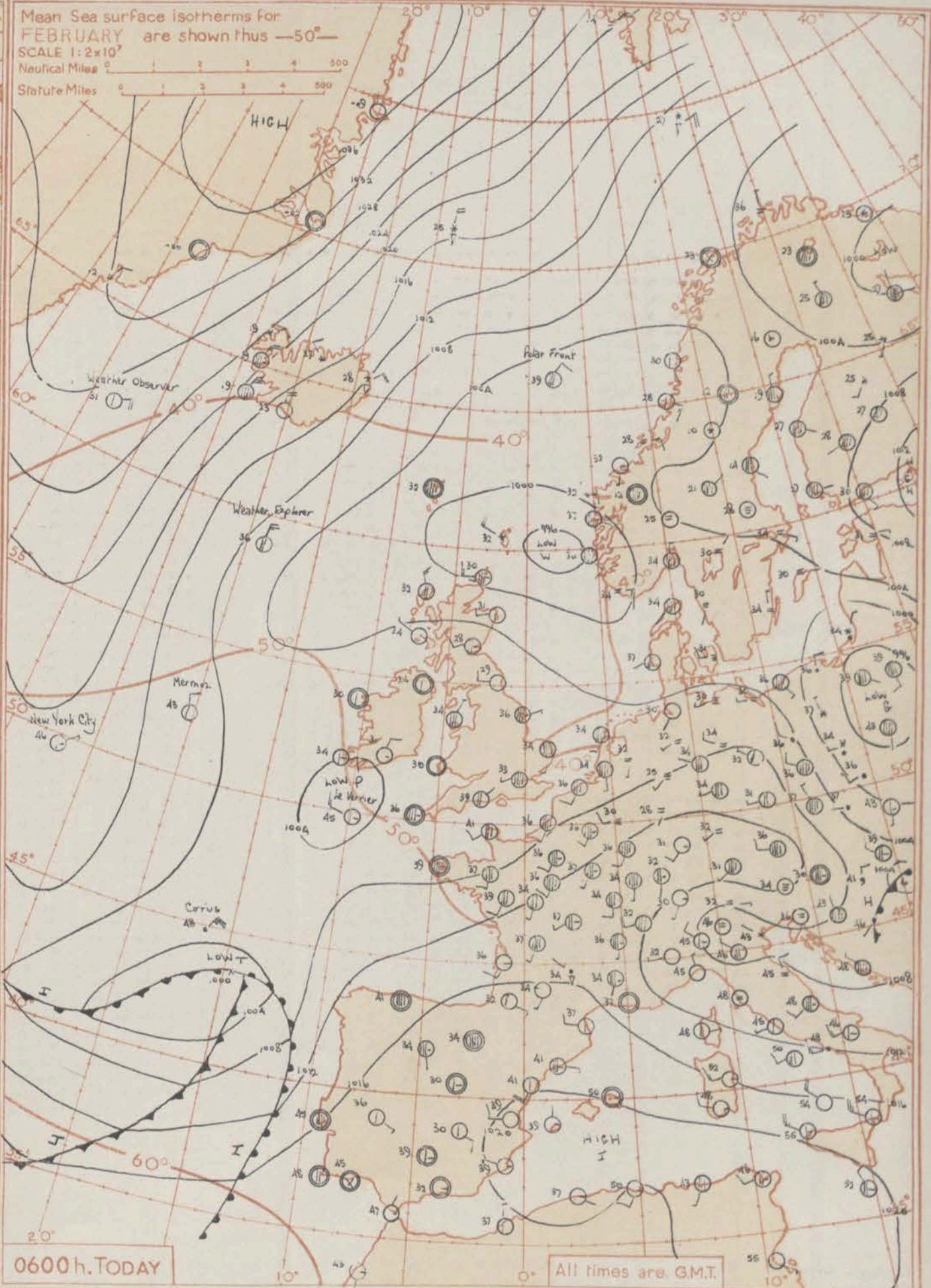
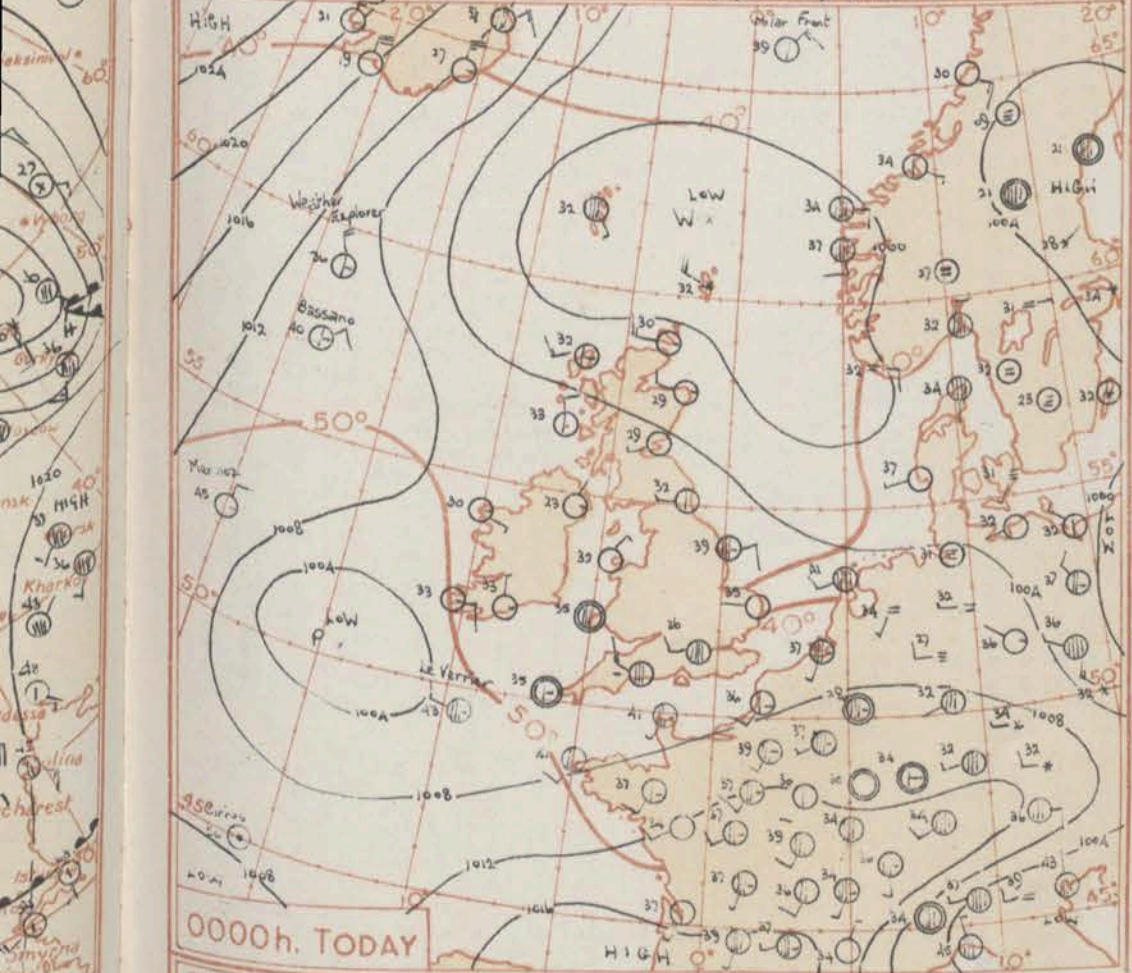
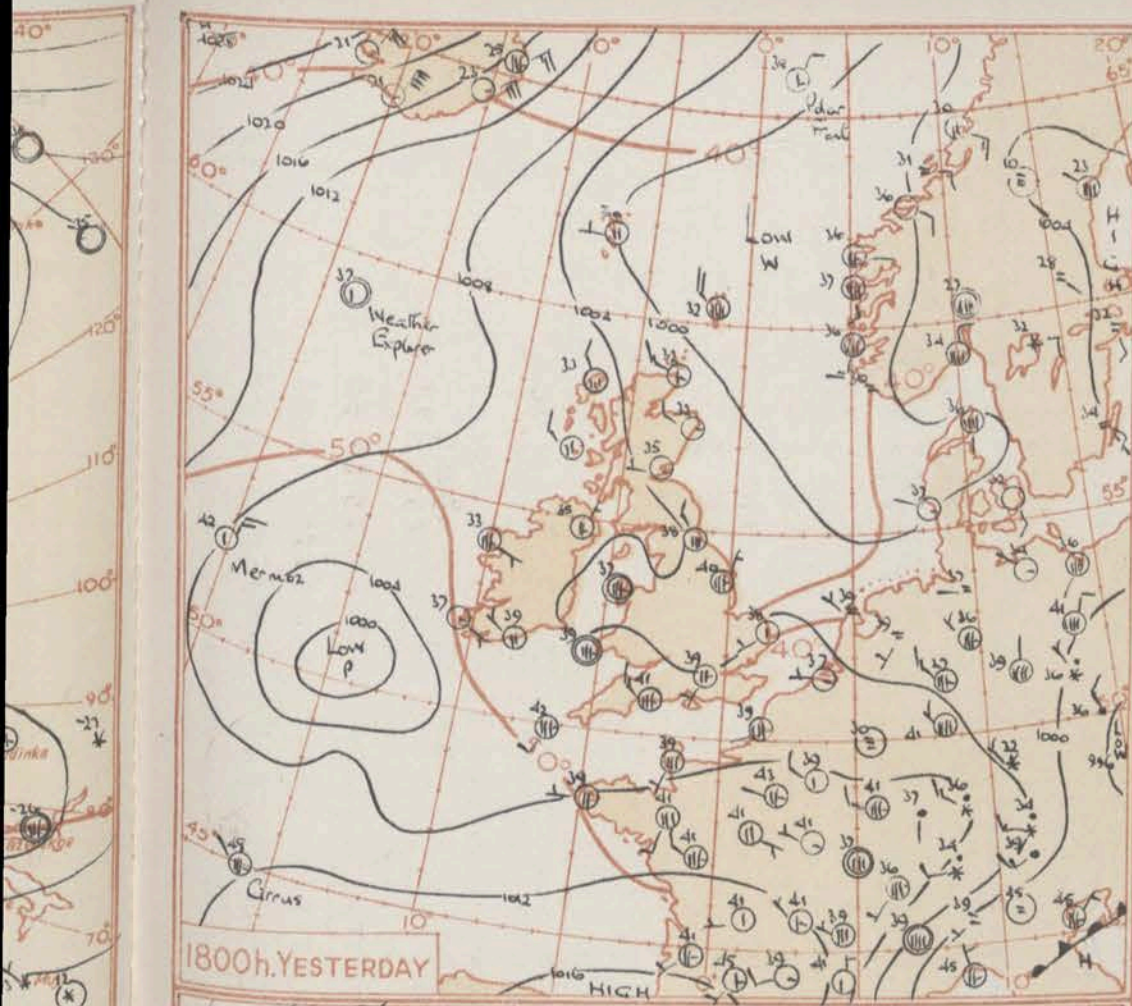
All times of observation printed in this publication are GREENWICH MEAN TIME.

* 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 yesterday over the North Sea drifted to east of the Shetlands while to west of Scotland a new trough of low pressure developed which is expected to be the site of the lowest pressure in these areas tomorrow. A shallow depression yesterday west of Ireland moved towards southwest England and is expected to drift along the English Channel becoming merged with a depression which is expected to move across Biscay.

Issued at midday today Tuesday 19th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow This afternoon there will be sunny periods with scattered snow showers which will mostly die out tonight except over north Scotland and also on southern England where the showers may become frequent and prolonged. Mist and fog will develop again tonight. It will be rather cold with widespread frost.

OUTLOOK FOR the following 24 hours B. is periods and showers will continue in the night and air mass with frost at night. Showers may be heavy in some southern districts.

No. 3.

Code E MStat

* Information not usually received.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Wednesday 20th February 1957

[illegible]

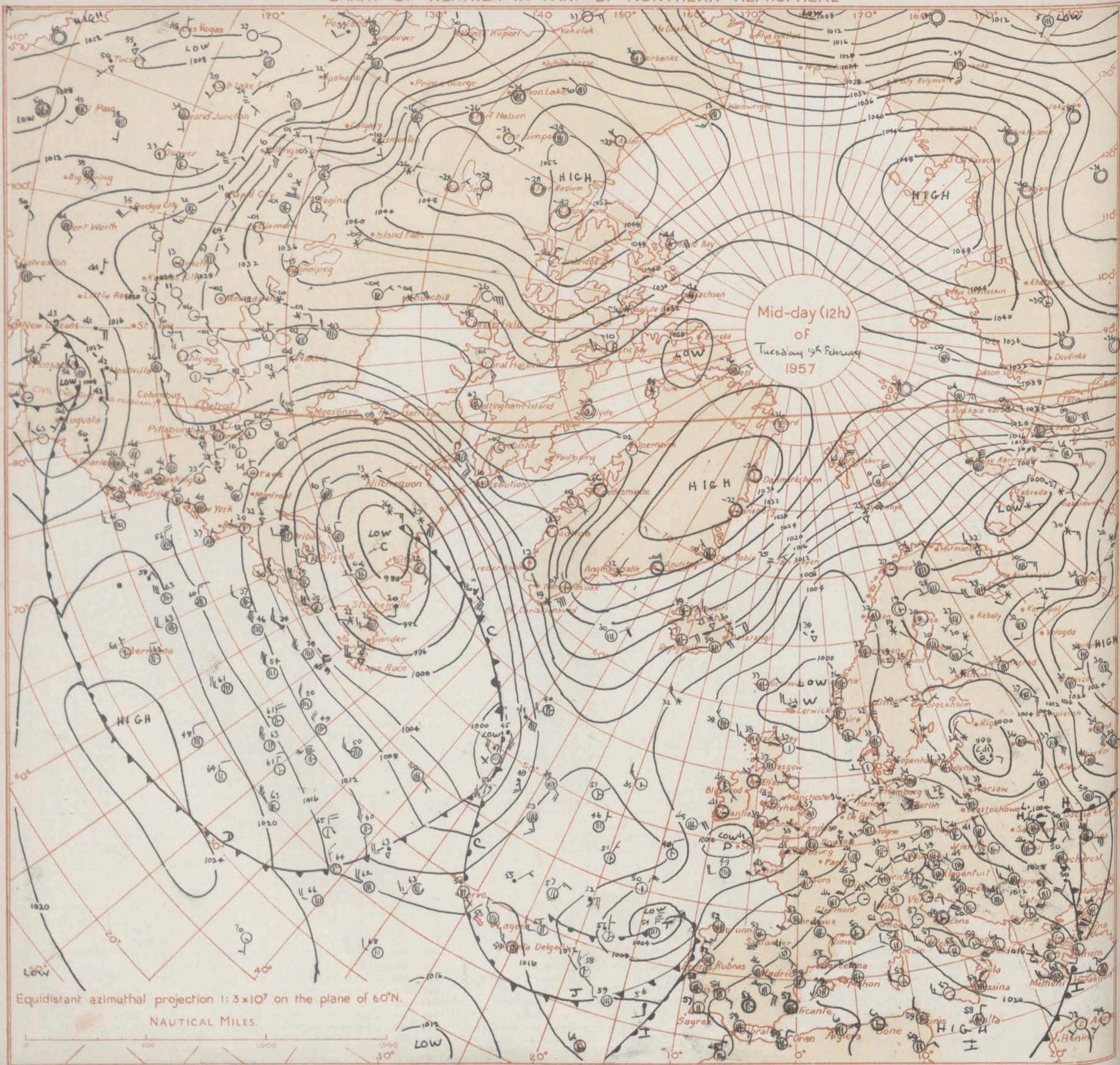
12h. Ships Reports																				18h. Ships Reports																													
Code F.M. 21.A																																																	
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.		Temp.	Waves			Ship	LAT.	LONG.	Total Cloud	Wind		Weather		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	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	TsTs	TdTd	dwdw			Pw	Hw	N	dd	ff	VV	ww	W	PPP		TT	Nh	CL	H	CM	CH	Ds
MERMEL	52S	200	3	30	16	70	01	8	085	45	2	9	5	0	1	0	0	7	03	56	30	33	5	4	WEATHER EXPLORER	590	188	6	06	16	98	12	7	063	40	6	9	4	0	3	0	0	8	04	58	25	05	5	6
NEWFOUNDLAND	49S	297	8	13	20	99	02	2	117	48	4	5	3	2	-	1	6	3	06	60	39	15	4	5	HERMOZ	524	199	4	32	12	45	15	8	093	41	3	9	4	6	3	0	0	3	15	41	37	36	5	4
POLAR FRONT	660	020E	7	38	12	97	81	2	038	39	7	9	4	0	0	0	0	8	02	56	36	03	3	3	CIRRUS	448	160	3	01	9	80	02	0	107	50	7	2	8	0	0	0	0	3	13	52	26	01	5	7
CIRCU	449	159	2	01	20	80	01	6	070	50	2	2	3	0	0	0	0	1	07	58	38	16	5	4	POLAR FRONT	660	020E	4	02	15	99	15	8	036	41	4	9	4	0	0	0	0	4	00	53	36	03	2	3
U.S. SHIP "B"	589	185	3	32	22	98	73	8	073	32	9	-	0	-	-	8	1	2	13	66	32	35	4	9	WEATHER OBSERVER	620	323	5	03	30	99	03	8	226	31	5	2	6	0	0	0	0	7	03	60	24	03	3	6
U.S. SHIP "C"	440	410	7	09	05	78	03	2	072	50	4	1	3	3	0	0	0	7	03	60	34	49	-	4	U.S. SHIP "C"	528	355	8	09	08	67	60	6	020	42	8	5	5	-	-	0	0	7	14	00	38	13	5	9
LE VERRIER	528	355	8	09	42	63	60	6	044	41	8	5	5	-	-	0	6	7	24	51	37	12	3	9	U.S. SHIP "D"	440	410	8	23	05	78	02	2	052	53	3	1	5	7	-	0	0	5	05	53	39	49	-	4
DALEBY	508	123	7	04	18	91	01	8	070	48	6	2	5	0	8	7	4	2	31	57	36	30	4	3	LE VERRIER	508	124	6	34	19	97	25	2	092	48	5	9	4	0	3	7	4	3	13	53	34	02	4	3
WEATHER DOSENER	414	278	8	01	06	96	41	8	065	55	3	0	9	2	-	2	4	8	10	52	51	28	-	5	STAVANGLA FJORD	597	045	6	30	20	97	03	1	011	41	4	2	4	6	-	6	6	3	25	57	-	30	-	2
	619	330	6	03	18	99	15	1	241	30	5	2	5	0	3	1	1	3	06	62	13	03	3	5	AMERICAN PLANTER	440	132	4	30	18	98	01	6	083	51	4	2	4	0	0	5	4	2	20	54	42	30	4	3

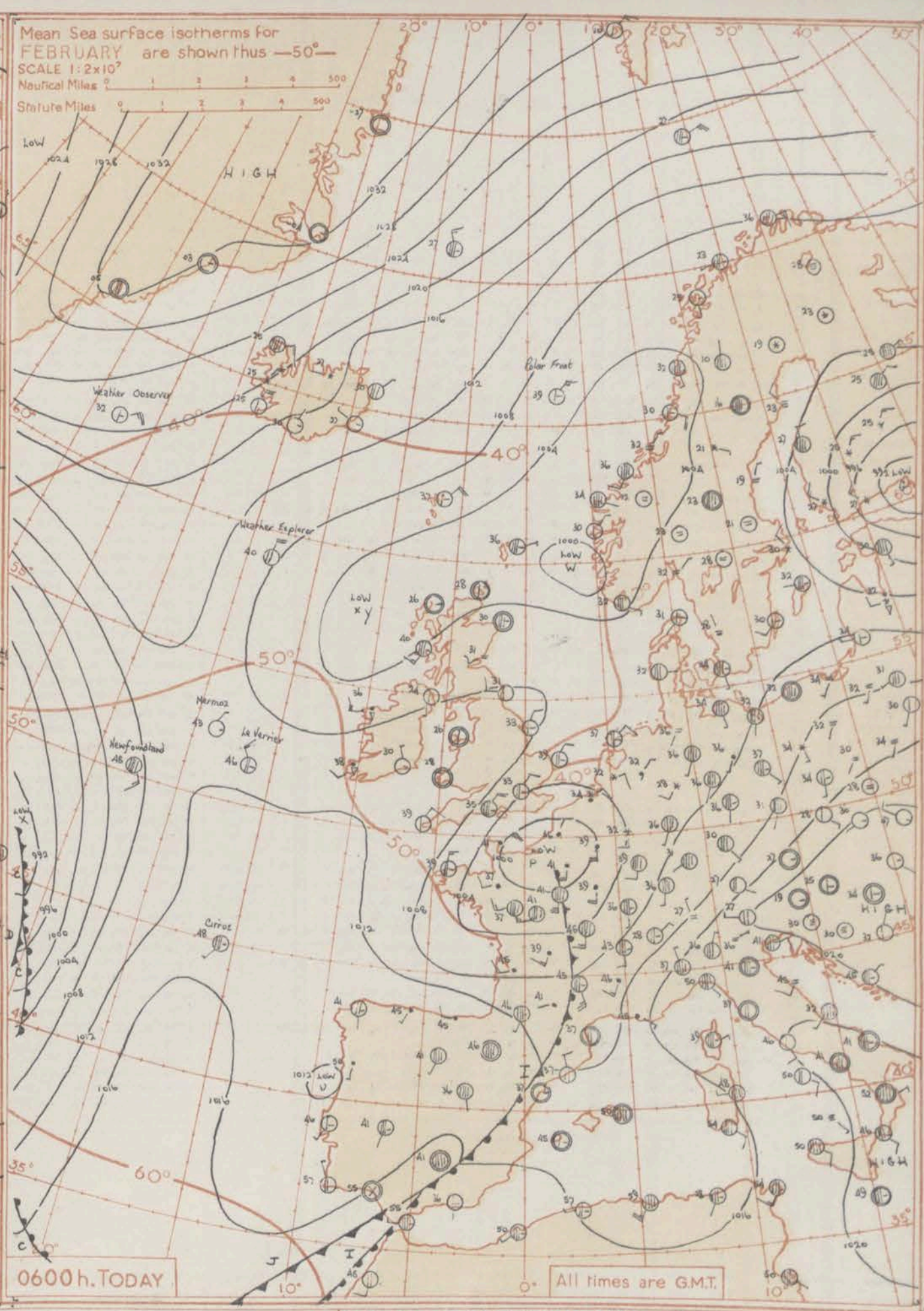
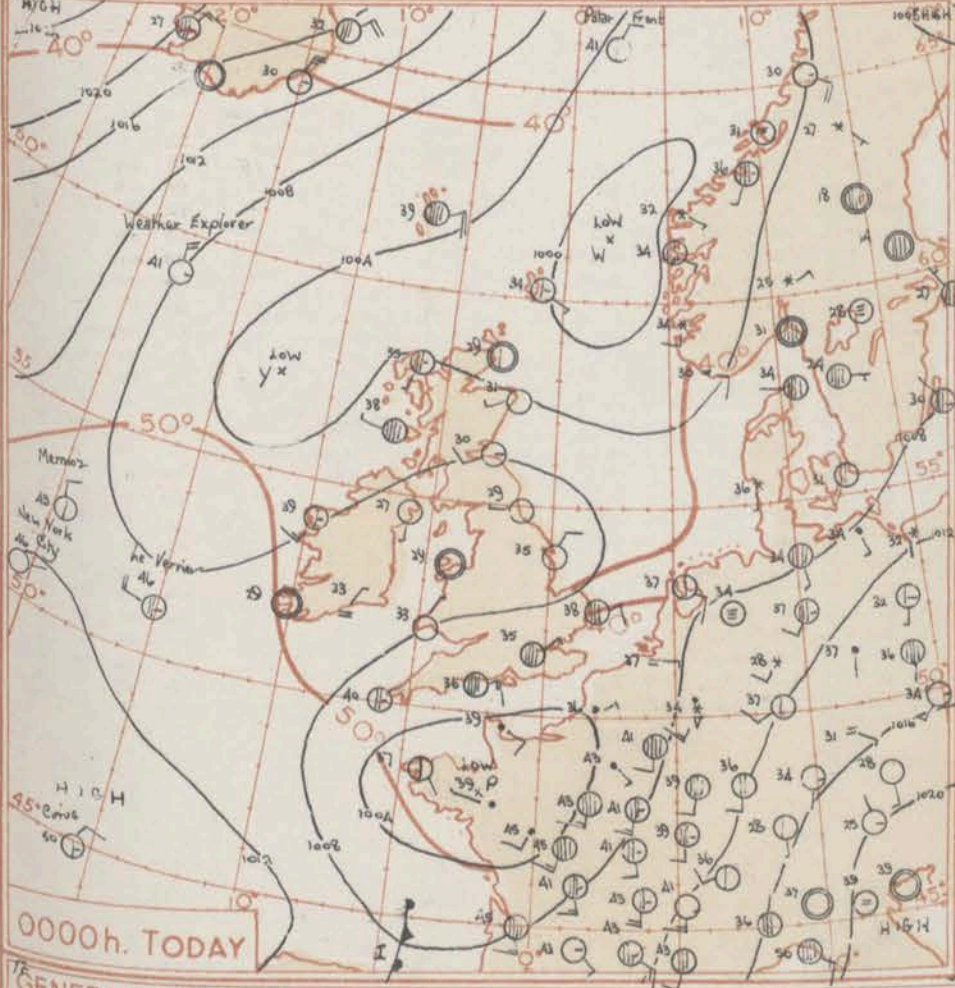
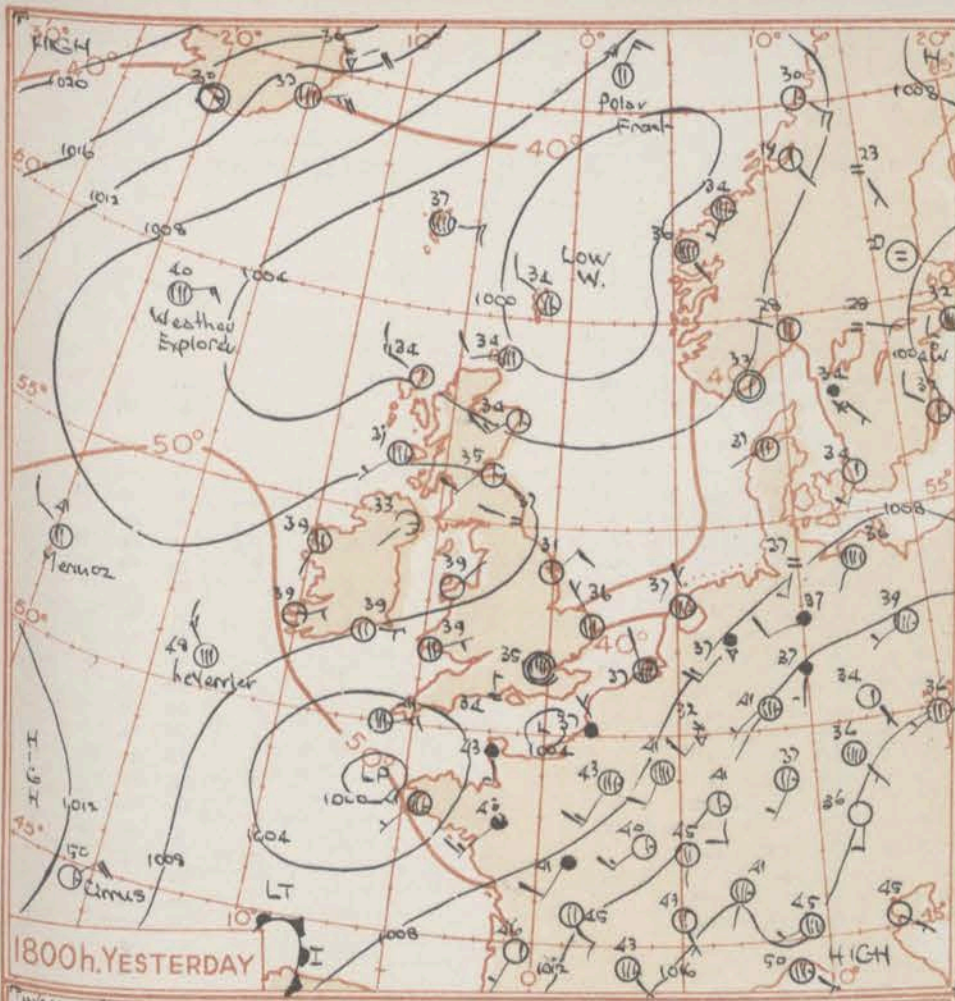
All times of observation printed in this publication are GREENWICH MEAN TIME.

* 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.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Mean Sea surface isotherms for
FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

GENERAL SYNOPSIS DEVELOPMENT

A depression off Cornwall moved eastwards to northeast France and a ridge of high pressure developed across Wales and central and northern districts of England. Another depression off northeast Scotland remained almost stationary while a trough to the west moved very slowly south-eastwards. Little change is expected over the British Isles and pressure will continue high to the south and low to the north.

Issued at mid-day today Wednesday 20th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Rain sleet or snow over southeast England will snow move away eastwards and over England and Wales the weather will be fine but cold with keen or hard frosts at night and patches of mist or fog. Over Scotland and Northern Ireland there will be showers and bright periods. It will be rather cold.

OUTLOOK FOR next 24 hours:— Showery in the north; mainly fine in the south. Cold or rather cold in most districts.

No.

Code F

Code F

* Information not usually received.

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THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Thursday 21st February - 1957

No. 34790

OBSERVATIONS at 12h. G.M.T. 20th February 1957

OBSERVATIONS at 18h. G.M.T. 20th February 1957

OBSERVATIONS during DAY

[illegible]

12h. Ships Reports

18h. Ships Reports

Waves		Period		Height		Code F.M. 21.A		Ship		LAT.	LONG.	Total Cloud	Wind	Weather		Dry Bulb Temp.	Cloud		Course	Rar.	Temp.	Waves																														
Sw	Pw	Hw																																																		
5	8		MERMOCZ	520	179	7	11	65	80	02	1	11	46	5	8	5	4	6	0	8	04	54	57	26	5	2	MERMAE	524	186	7	13	28	70	03	2	042	A8	7	5	6	7	-	6	A	8	40	SA	41	36	5	2	
5	2		WEATHER EXPLORER	589	183	4	04	21	98	15	1	096	44	4	3	5	0	0	0	2	14	55	34	03	5	7	WEATHER EXPLORER	591	183	3	10	07	98	80	8	10A	A3	3	3	5	0	0	0	0	1	03	55	33	A9	-	8	
3	4		WEATHER OBSERVER	619	333	6	02	25	98	16	1	208	81	6	2	5	0	1	1	7	03	61	23	04	3	7	CIRCUIS	450	162	7	17	26	75	03	6	032	53	5	9	5	7	6	0	0	7	27	51	35	18	A	3	
3	6		U.S. SHIP "C"	528	355	8	29	07	63	60	6	910	41	8	0	4	2	0	0	7	25	00	39	32	5	6	LE VERRIER	529	190	8	13	26	98	05	2	570	A6	2	1	5	7	-	7	A	7	31	58	27	14	3	A	
5	7		U.S. SHIP "D"	440	410	8	25	25	69	61	6	035	52	8	7	4	-	0	0	7	10	53	46	27	2	5	POLAR FRONT	460	020F	8	03	29	98	80	8	058	37	8	9	A	-	-	0	0	7	46	57	36	36	A	5	
2	3		POLAR FRONT	660	020E	4	01	26	99	15	1	054	41	3	9	4	6	0	0	8	03	54	36	36	4	3	WEATHER OBSERVER	620	350	7	03	38	98	23	8	779	32	6	9	A	-	-	1	1	7	13	60	29	03	2	9	
2	3		CIRCUIS	450	162	5	16	16	80	15	8	137	50	2	3	5	7	2	0	8	09	53	38	35	5	3	J.S. SHIP "C"	528	355	8	23	21	63	02	6	861	A0	6	6	5	-	0	0	7	24	51	35	23	5	5		
3	4		NEWFOUNDLAND	507	204	6	15	25	99	25	2	084	49	6	3	4	9	9	2	5	2	02	56	42	15	2	2	J.S. SHIP "D"	440	410	8	29	30	69	02	8	042	A3	6	2	5	1	-	0	0	2	19	57	40	35	3	6
3	4		BAH ABUR	400	107	7	35	13	98	03	2	162	56	5	5	6	2	6	1	4	3	08	52	48	35	3	3	NEWFOUNDLAND	506	180	6	16	20	99	02	2	076	50	A	2	3	2	-	2	5	7	16	54	A3	16	5	3
2	3		BEAVER LODGE	490	235	8	15	30	98	02	2	942	51	8	7	4	-	2	5	8	10	52	46	15	4	4	REGENT HAWK	410	09A	7	26	21	97	02	2	17	58	7	7	A	-	-	1	3	6	13	00	49	27	4		

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.

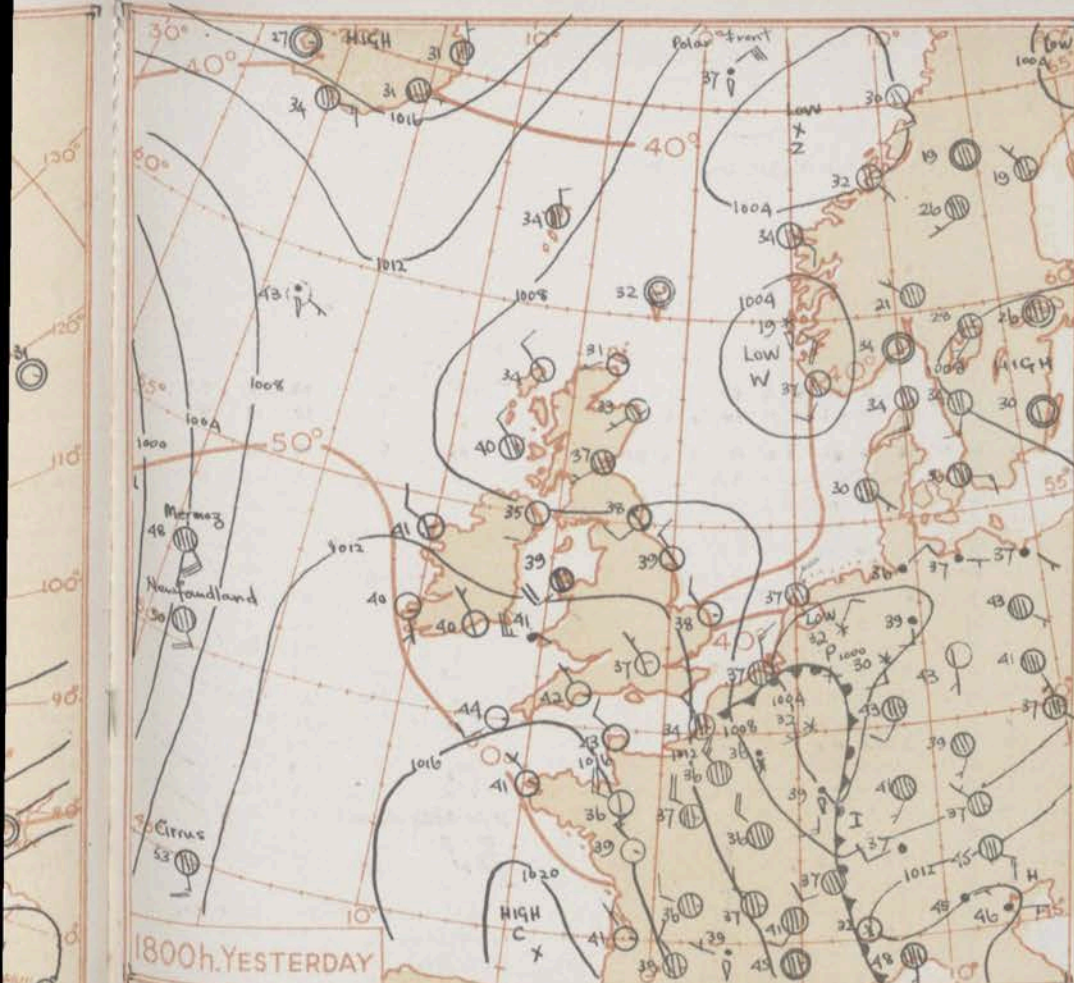
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



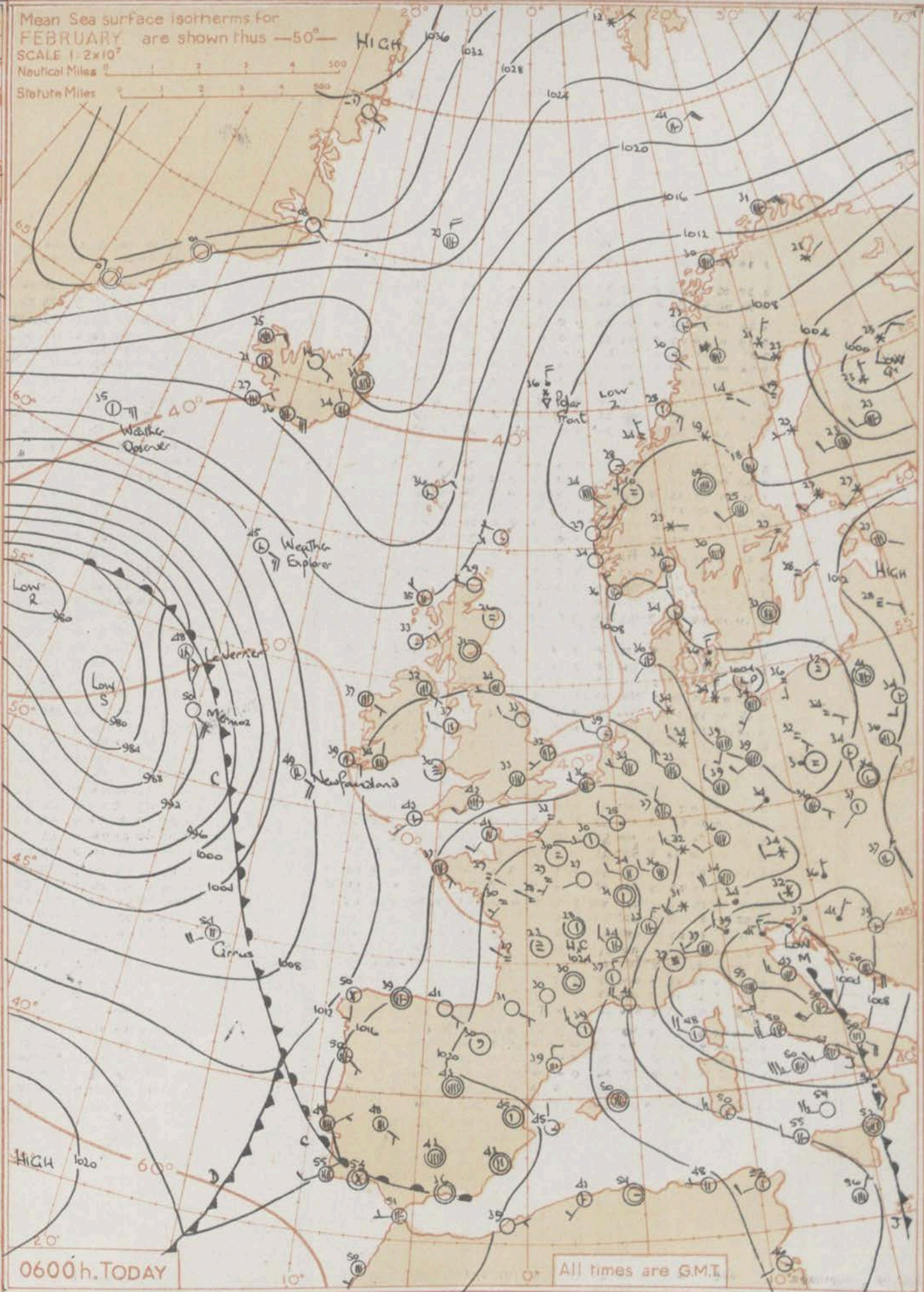
Equidistant azimuthal projection $1:3 \times 10^7$ on the plane of $60^\circ N$.

NAUTICAL MILES

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Mean Sea surface isotherms for FEBRUARY are shown thus —50°—
 SCALE 1:2x10²
 Nautical Miles
 Statute Miles



0600h. TODAY

All times are GMT.

0000h. TODAY

GENERAL SYNOPSIS DEVELOPMENT

A depression over north France yesterday steered across the low Countries into the southern Baltic followed by building pressure with a high developing over France. A polar low off west Scotland moved slowly east and filled but its shallow trough moved east across most districts of British Isles during the night. A complex low system will persist in mid-Atlantic with an occlusion advancing slowly into Ireland and south west districts of Great Britain.

Issued at Mid-day today Thursday 25th February, 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Scotland and most districts of England will have mainly fine and rather cold weather with a few well scattered showers. Frost will occur in most places again tonight. Wales and south west England will have scattered showers at first with more general cloud later with a belt of occasional rain moving slowly north east tomorrow. After a mainly fine day northern Ireland will have increasing cloud and perhaps occasional rain tomorrow.

OUTLOOK FOR NEXT 24 HOURS:- Mainly dry in east; milder in west with rain in places.

No

Code

* Information not usually received.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. 54791

Date of Issue Friday 22nd February 1957

NIGHT

 1h to 6h
 6h to 12h
 12h to 18h
 18h to 24h

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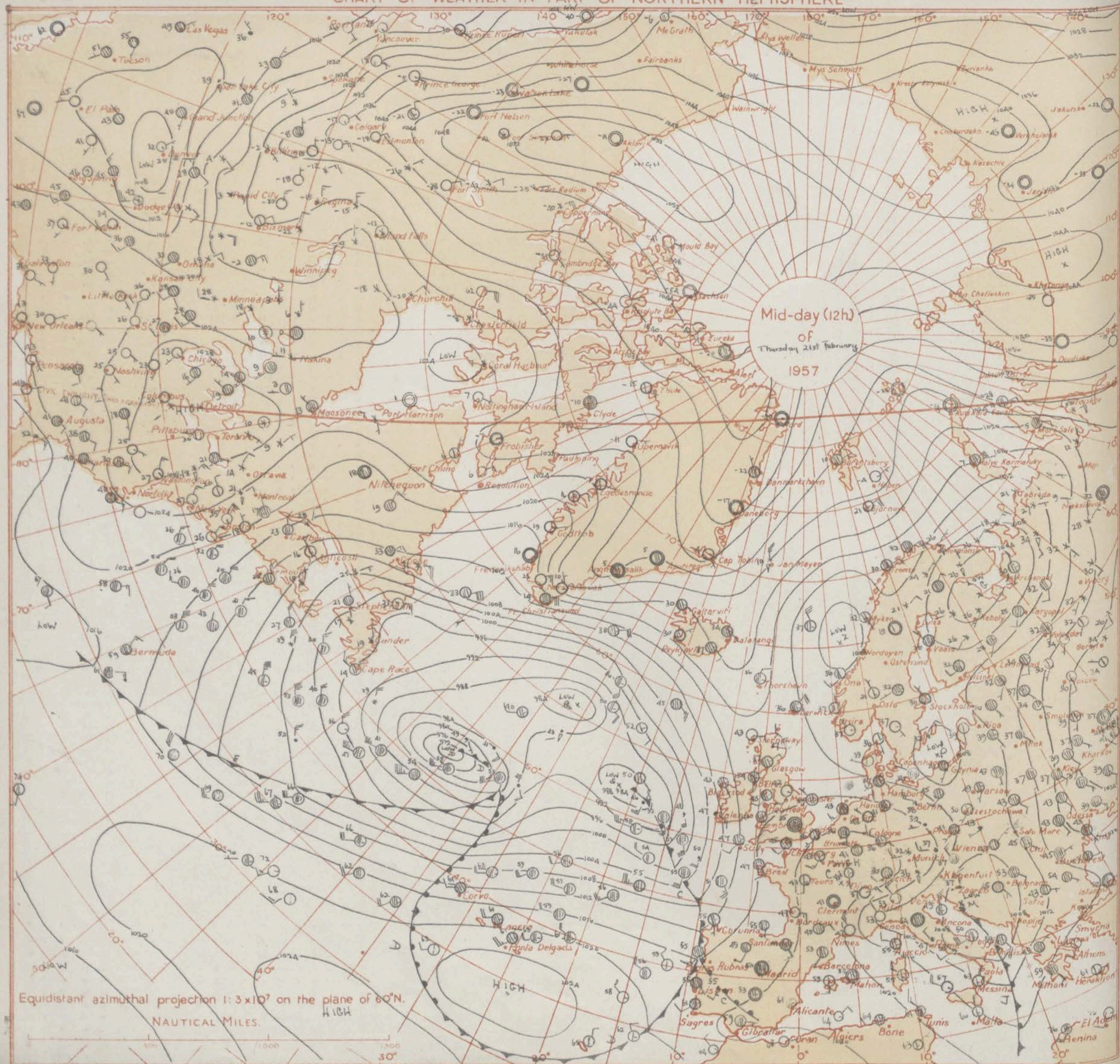
OBSERVATIONS at 12h. G.M.T. 21st February 1957

OBSERVATIONS at 18h. G.M.T. 21st February 1957

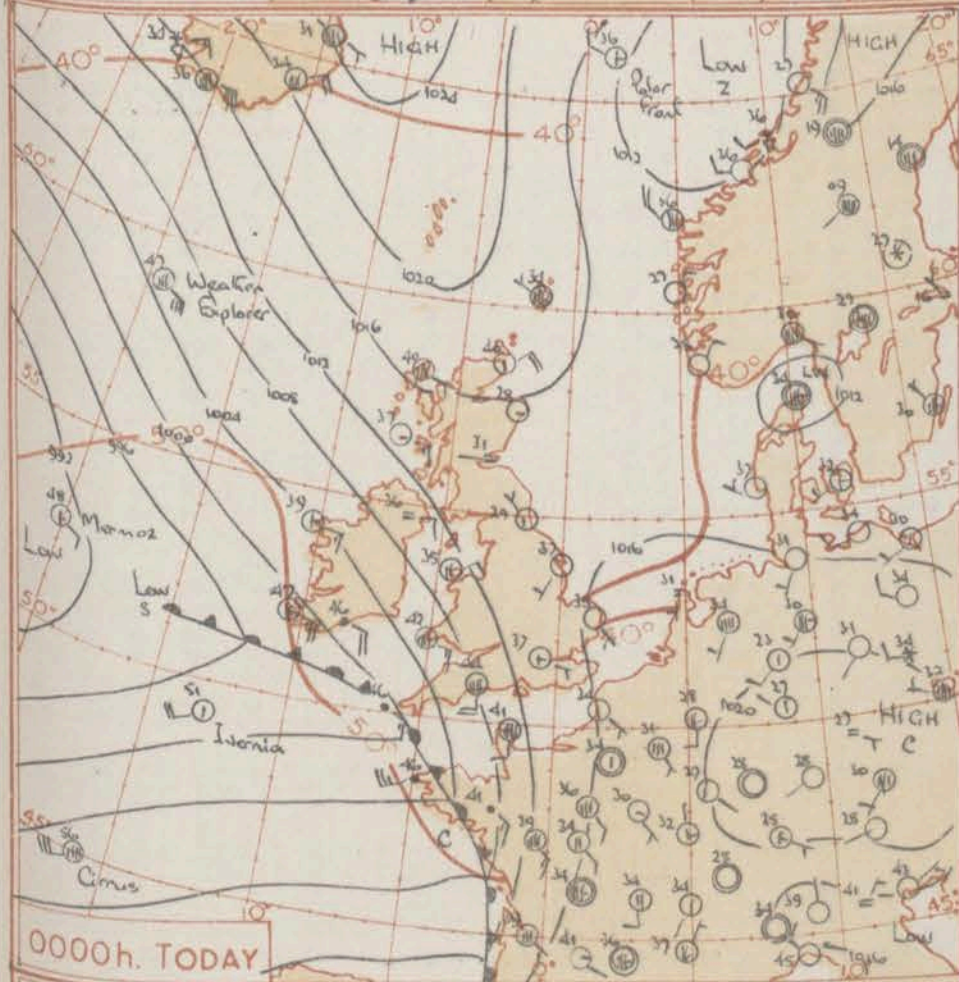
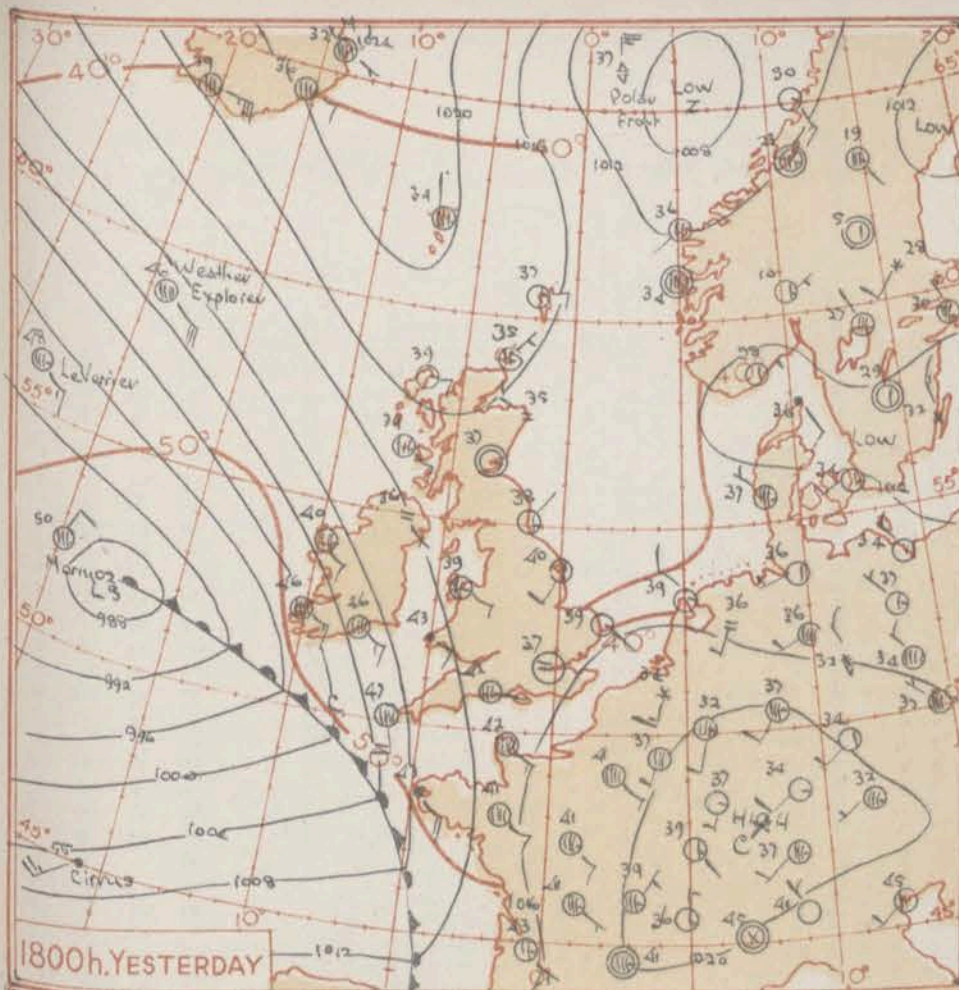
OBSERVATIONS during DAY

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				Total Cloud	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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Direction	Speed			Present	Past	Amount	Low			Height	Medium	High	Change in 3 hours			Amount	Form	Height	Amount		Form	Height	Direction	Speed			Present	Past	Amount	Low			Height	Medium	High	Change in 3 hours						Amount	Form	Height	Amount	Low	Height	Medium	High	09h. to 15h. (51)	15h. to 21h. (52)	(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)	(53)	(54)	(55)	(56)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Kew	7758	00	00	23	10	2	163	38	8	6	4	-	-	35	0	03	8	7	18							8	00	00	10	10	2	166	37	4	7	15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

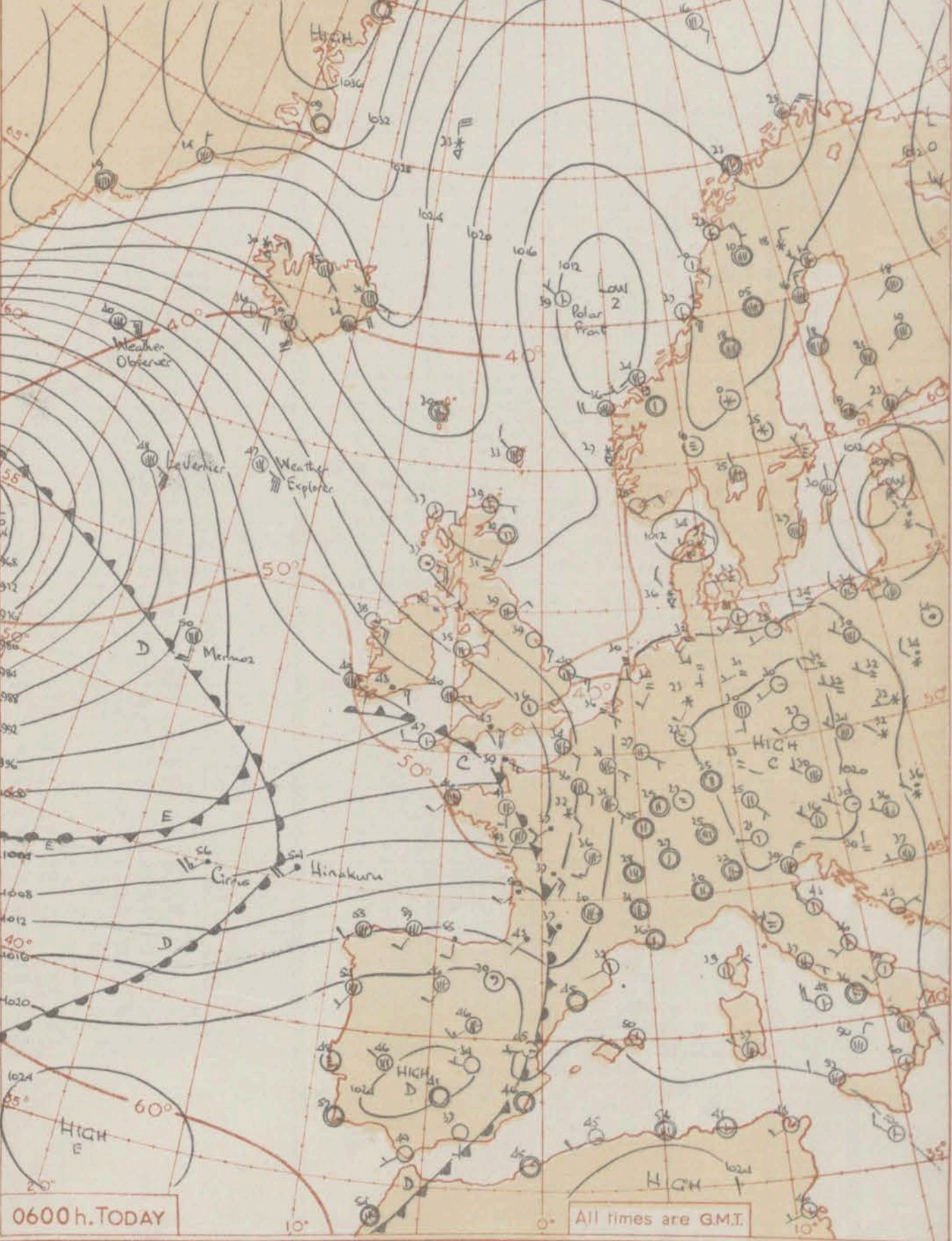
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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



Mean Sea surface isotherms for FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



All times are GMT.

GENERAL SYNOPTIC DEVELOPMENT

A depression some 400 miles west of Ireland yesterday morning moved east-southeast and filled up. It is now a very shallow system in the English Channel and will fill up further as it moves eastward. Its associated occlusion, now almost stationary in the English Channel, will weaken slowly. A deep depression in mid-Atlantic will move slowly northeast and its occlusion will move into south-west districts of the British Isles tomorrow morning.

Issued at mid-day today Friday 25th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Depart from a little rain along the south coast of England and scattered showers near the east coast of England and Scotland. It will be dry today. Rain may spread across south-west England, Wales and Northern Ireland later tonight or tomorrow morning. Temperatures will be mostly near normal.

OUTLOOK FOR

following 24 hours:— Rain is possible in most southern and western districts but it will continue dry in many eastern districts.

No...

10

Code F

* Information not usually received.

Kew
LondTangme
Hure

Guernsey
Felixstowe

Gorleston
Mildenh

Carding
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Ross-on-Bristol	
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Aberpor
Pembro
Plu

Plymouth
Chivendo
St. Mary

Culdros
Self

Scilly
Elmdon
Shaw

Manches

Squires
Valley
Road

Silloth
Warpall

Spurn H
Lindhol

Dishfort
Tynem

Wes. S.

Prestwich
Renfrew

Leuchan
Dyce

Wick
Cape W

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Lerwick

Starnow
Benbec

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Aldergr

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Valentia

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Code F

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THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Saturday 23rd February 1957

OBSERVATIONS at 12h. G.M.T. 25th February 1957

OBSERVATIONS at 18h. G.M.T. 22nd February 1957

OBSERVATIONS during DAY

12h. Ships Reports

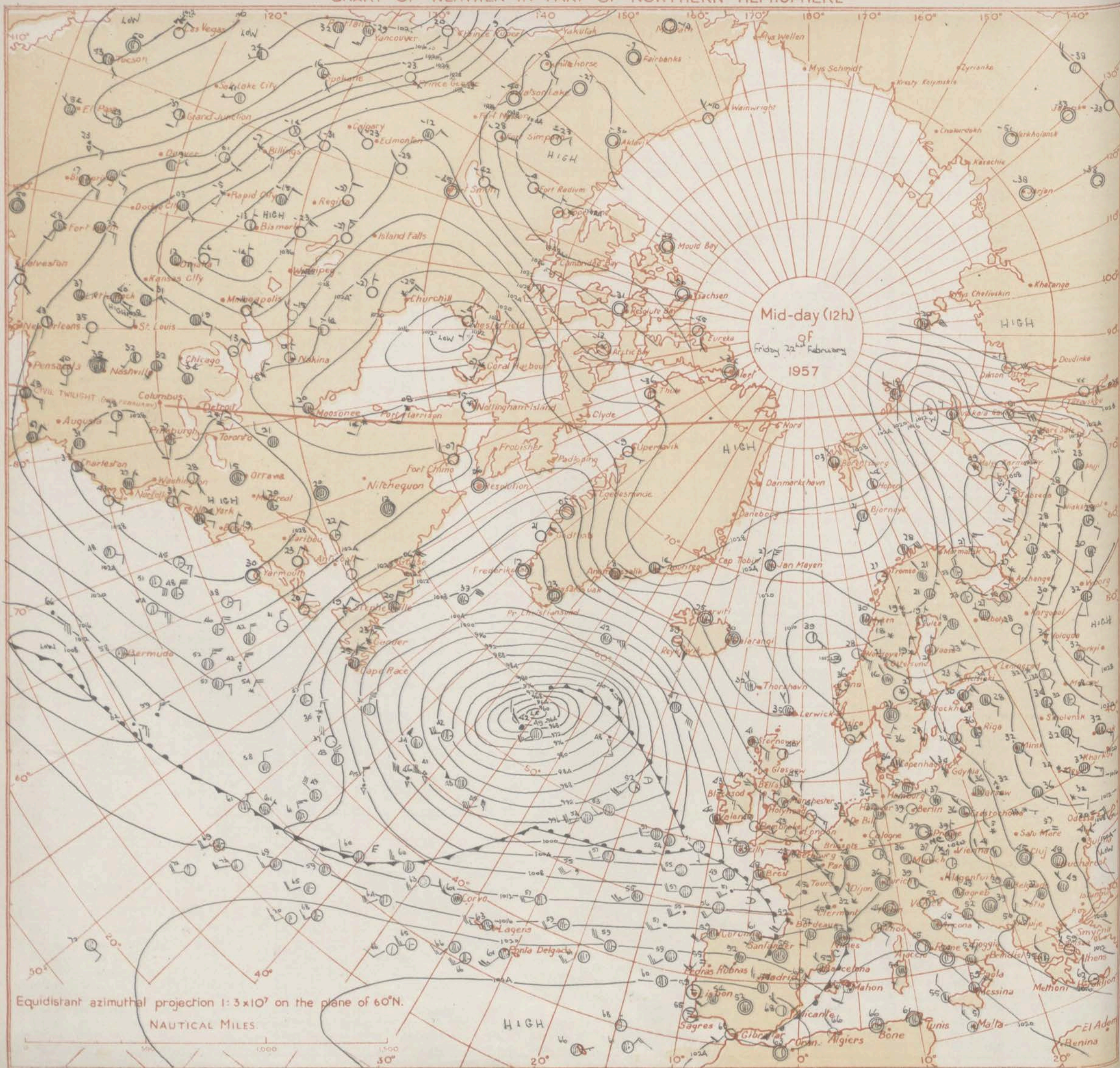
18h. Ships Reports

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.

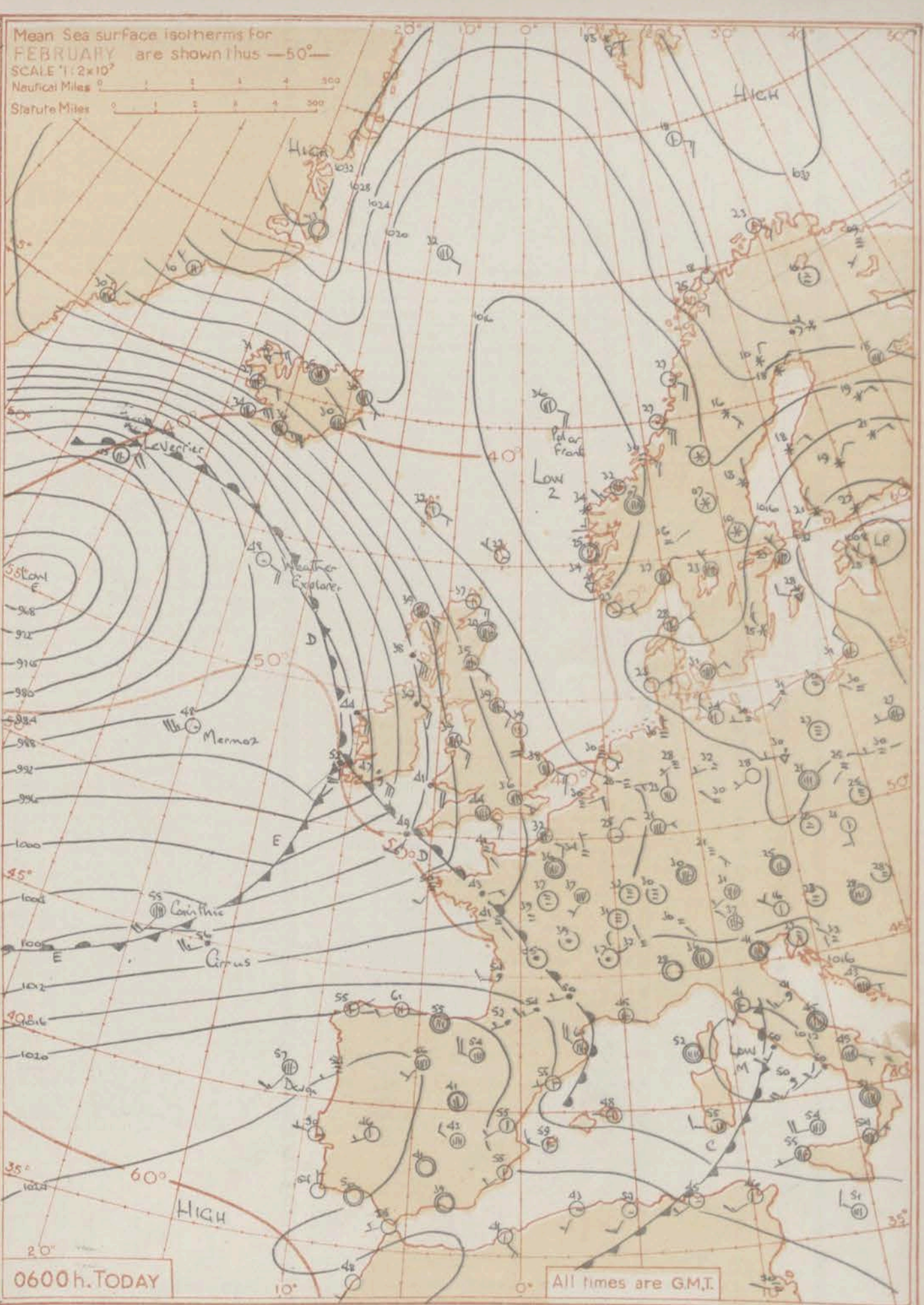
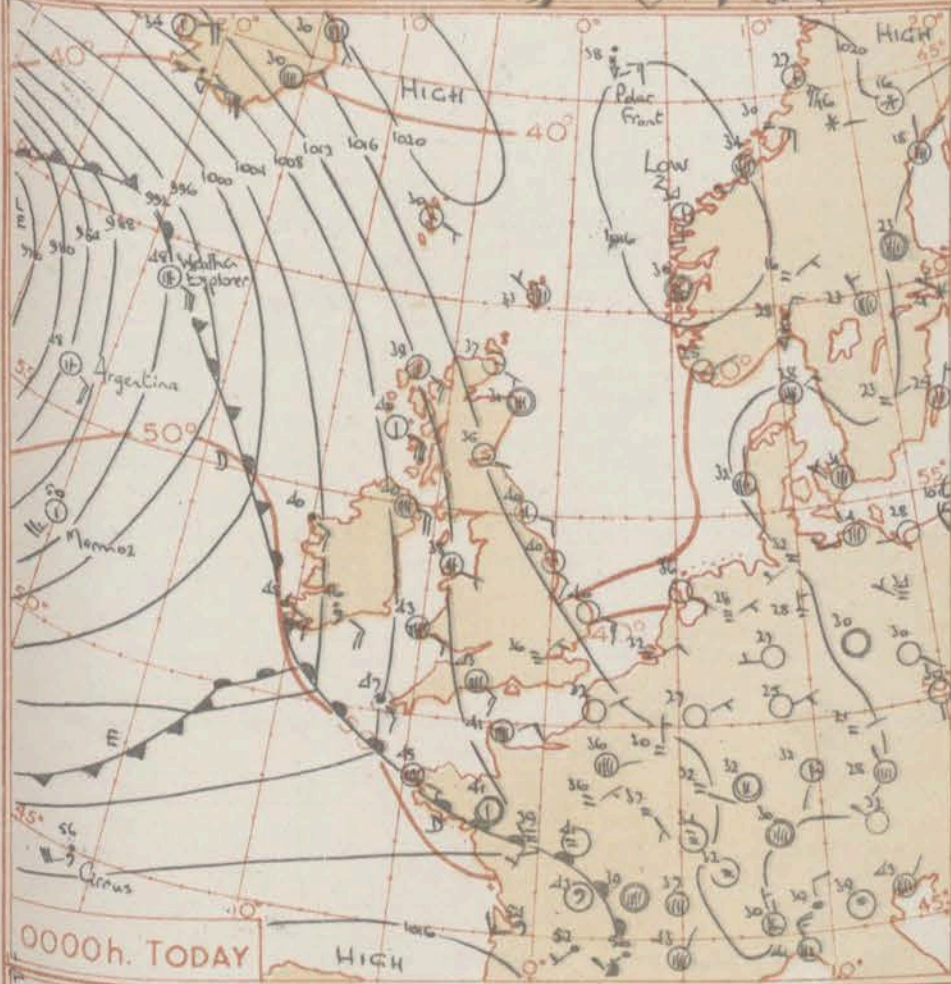
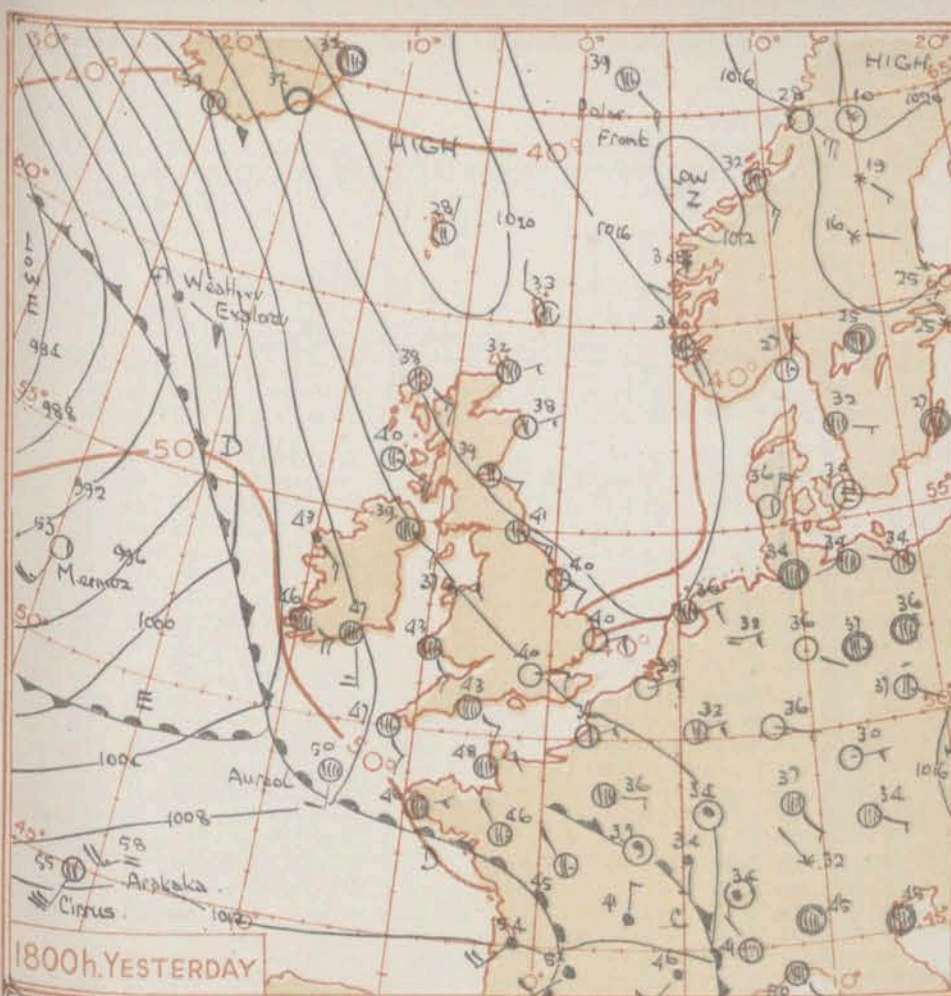
NAUTICAL MILES.

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GENERAL SYNOPSIS DEVELOPMENT

A small depression which was off southwest England yesterday moved southeast into France and filled up. Another trough from the Atlantic moved towards Ireland and formed a small but vigorous centre which is expected to move northwards though with considerable troughing into southeast England. A further wave depression now west of the Azores is expected to move northwest quickly towards southwest Ireland.

Issued at mid-day today Saturday 23rd February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

It will be cloudy with rain at times in all areas, though eastern districts will be mainly dry at first. Southern districts will have much coast and hill fog. There will be snow or sleet at times in Scotland, and north England perhaps growing moderate falls on high ground. There will be southerly gales in many northern districts. Afternoon temperatures will be near the seasonal normal.

OUTLOOK FOR following 24 hours: - Cloudy with rain at times in most districts. Temperatures will be near the seasonal normal.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 23rd February 1957																									OBSERVATIONS at 06h. G.M.T. 23rd February 1957																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Code FM 11.A	Station	Station Number	Wind		Weather		Bar at M.S.L.	Temp.		Cloud		Cloud Layers		Bar at M.S.L.	Temp.		Cloud		Cloud Layers		Bar at M.S.L.	Temp.		Weather	Temp.		Rain 21h to 09h. m.m.	State of ground 06h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			Direction	Speed	Present	Past		Dry Bulb	Wet Bulb	Amount	Low	Height	Medium		High	Dew Point	Character	Change in 3 hours	Amount	Form		Height	Amount		Form	Height			Amount	Form	Height	Min. 21h to 09h.	Max. 21h to 09h.	Min. 09h to 06h.	Max. 09h to 06h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			N	dd	ff	vv	ww	ppp	tt	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g	pp	Nh	CL	h	CM	CH	Td	g

00h. Ships Reports

Code FM 21.A	Ship	LAT.	LONG.	Wind		Weather		Bar at M.S.L.	Temp.		Cloud		Course	Bar	Temp.	Waves
				Direction	Speed	Visibility	Present		Dry Bulb	Wet Bulb	Amount	Low				
		Lat	Long	N	dd	ff	vv	ww	ppp	tt	Nh	CL	h	CM	CH	Ds
	CIRIUS	450	138	5	23	30	58	58	2	102	56	7	7	4	2	5
	ROBINOZ	525	203	2	19	27	70	13	8	88	50	2	9	5	0	5
	U.S. SHIP "C"	528	255	8	29	22	63	38	8	89	41	2	4	2	2	25
	WEATHER OBSERVER	619	222	8	07	25	97	02	2	94	03	4	5	5	3	1
	U.S. SHIP "D"	440	410	2	27	37	65	01	1	018	46	2	2	5	0	0
	WEATHER EXPLORER	558	195	7	12	30	97	21	6	90	48	7	7	4	2	1
	POLAR FRONT	460	020 (E)	8	09	13	95	83	2	161	28	7	8	4	2	0
	LOCH BATH	413	277	8	23	18	93	02	2	085	58	8	5	5	1	1
	CORINTHIC	453	200	7	20	25	97	02	2	075	56	7	6	5	1	1
	ALBATROSS	561	218	5	16	18	98	13	1	845	48	2	9	3	2	0

06h. 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
Lat	Lat	Long	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	dwdw	Pw	Hw	
PERNOZ	523	203	1	24	25	70	01	9	885	48	1	2	5	0	0	7	2	3	05	53	38	22	5	0	
WEATHER EXPLORER	587	182	1	13	19	97	21	6	893	48	1	5	4	0	0	0	0	7	09	57	42	13	5	0	
CORINTHIC	459	162	8	22	20	98	02	2	077	55	8	6	4	-	-	1	6	0	00	01	53	23	3	5	
DEVON	411	106	7	22	13	98	02	2	228	57	7	6	2	-	-	4	5	2	10	03	53	22	3	5	
U.S. SHIP "C"	528	255	8	27	28	65	02	8	720	42	5	5	4	0	0	0	0	2	05	00	39	78	5	6	
U.S. SHIP "D"	440	410	2	27	32	65	02	1	017	47	3	2	5	0	0	2	0	3	02	58	36	76	4	1	
POLAR FRONT	660	020(E)	6	11	20	99	36	8	157	36	6	9	4	0	0	0	0	7	02	57	30	49	-	2	
LE VERRIER	607	308	5	06	20	62	01	6	828	45	3	5	4	0	2	7	4	2	27	00	41	57	4	1	
CIRRUS	449	160	8	24	23	58	61	6	098	56	8	7	3	-	-	5	1	7	05	02	54	23	5	8	
WEATHER OBSERVER	614	207	8	07	45	75	61	6	869	42	8	7	4	-	-	3	2	8	42	01	42	57	3	5	

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Sunday 24th February 1957

No. 34793

OBSERVATIONS at 12h. G.M.T. 25th February 1957

OBSERVATIONS at 18h. G.M.T. 23rd February 1957

OBSERVATIONS during DAY

12h. Ships Reports

18h. Ships Reports

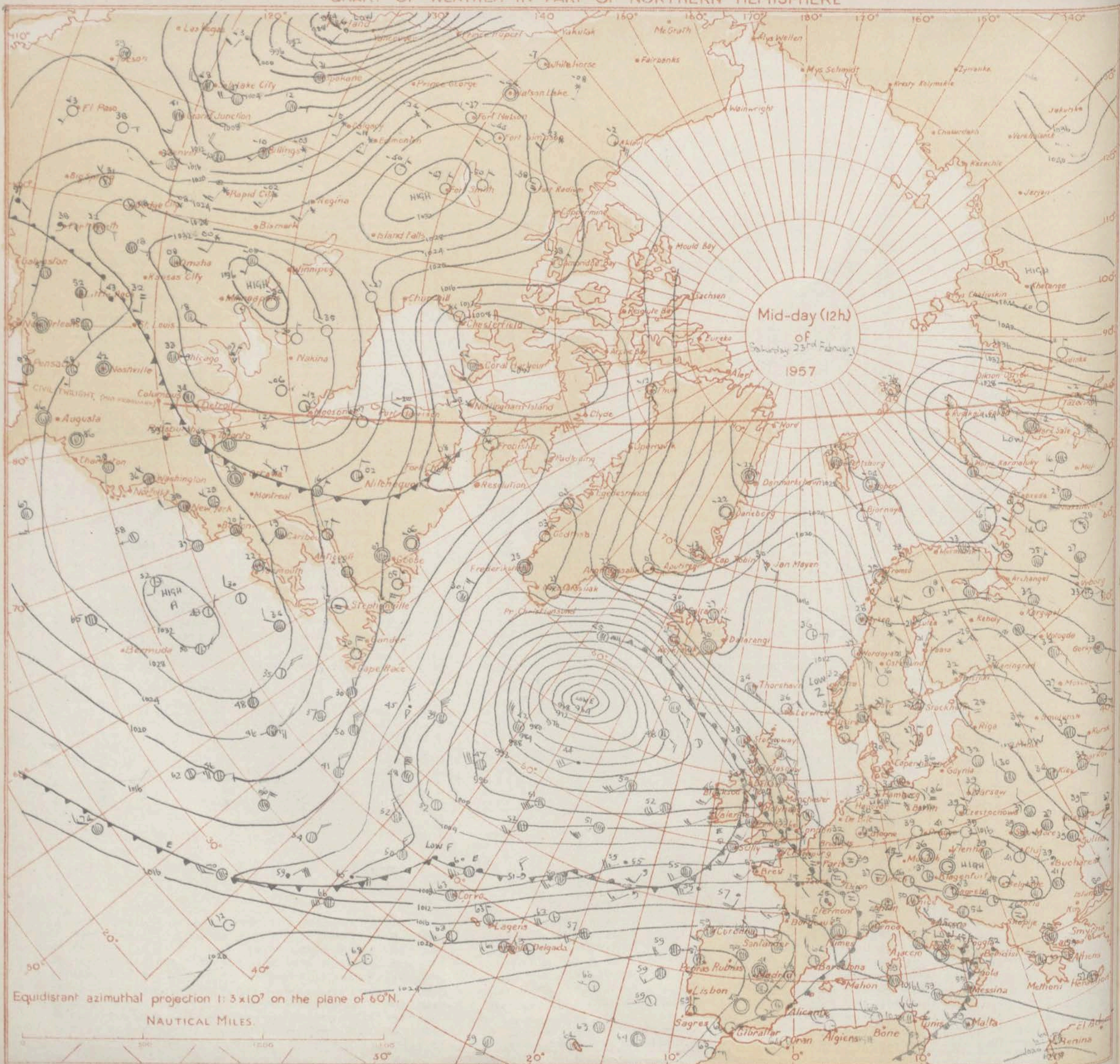
Code FM 21.A		12h. Ships' reports																																															
Ship	LAT.	LONG.	Total Cloud	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar.	Temp.	Waves				Ship	LAT.	LONG.	Total Cloud	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar.	Temp.	Waves							
				Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction			Speed	Character	Change in 3 hours	Sea					Dew Point	Direction	Period	Height	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	CH	CH	Ds	Vs	s	pp	Ts	Td	Td	dudw	Pw	Hw	Lat	Long	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CH	CH	Ds	Vs	s	pp	Ts	Td	Td	dudw	Pw	Hw
WEATHER EXPLORER	589	186	8	12	17	97	21	6	888	47	2	9	6	3	7	0	0	3	08	53	42	13	5	8	WEATHER EXPLORER	589	189	8	12	28	97	81	8	897	46	4	2	4	2	-	6	1	204	54	41	63	5	1	
MEERHOZ	524	197	6	23	28	60	19	8	903	50	6	9	9	0	0	2	2	2	09	53	41	73	5	0	MEERHOZ	524	198	5	23	29	80	02	1	899	52	3	9	5	6	3	5	1	702	50	45	73	5	1	
CIRRUS	451	160	8	23	16	20	51	6	112	58	8	6	3	-	-	1	1	1	09	62	54	23	5	8	CIRRUS	451	158	7	23	28	58	02	5	087	57	2	5	4	5	2	1	2	703	03	54	23	5	7	
POLAR FRONT	860	020E	3	09	18	39	15	1	107	36	2	9	4	6	0	0	0	7	01	59	27	09	3	2	POLAR FRONT	860	020E	2	08	10	99	15	2	126	36	2	9	4	-	4	0	0	709	53	23	09	3	2	
LEVERIER	606	315	6	06	15	60	02	8	861	45	4	3	4	0	2	7	3	1	13	01	51	07	4	6	LEVERIER	606	315	6	06	15	60	02	8	861	45	4	3	4	0	2	7	3	15	01	49	23	4	5	
U.S. SHIP "B"	563	510	8	34	17	65	03	2	073	30	8	5	5	-	-	0	0	2	03	56	25	33	4	6	U.S. SHIP "B"	563	510	8	34	17	65	03	2	073	30	8	5	5	0	0	0	2	01	39	82	5	4		
U.S. SHIP "C"	528	355	7	28	28	65	02	1	764	42	7	5	4	0	0	0	0	2	34	01	38	78	5	2	U.S. SHIP "C"	528	355	7	28	28	65	02	1	764	42	7	5	4	0	0	0	2	14	70	48	29	4	9	
U.S. SHIP "D"	440	410	6	32	35	69	02	1	054	48	6	3	5	0	0	0	0	2	24	57	35	20	4	9	U.S. SHIP "D"	440	410	6	32	35	69	02	1	054	48	6	3	5	0	0	0	2	14	70	48	29	4	9	
AMERICAN CLIPPER	485	315	8	23	40	98	20	2	986	51	4	6	5	4	-	6	3	4	00	53	40	24	6	8	AMERICAN CLIPPER	485	315	8	23	40	98	20	2	986	51	4	6	5	4	-	6	3	4	00	53	40	24	6	8
CALLIC	447	085	8	23	27	96	08	6	148	55	8	7	4	0	0	4	5	2	20	00	53	13	4	6	CALLIC	447	085	8	23	27	96	08	6	148	55	8	7	4	0	0	4	5	2	20	00	53	13	4	6
WEATHER EXPLORER	589	189	8	12	28	97	81	8	897	46	4	2	4	2	-	6	1	204	54	41	63	5	1		WEATHER EXPLORER	589	189	8	12	28	97	81	8	897	46	4	2	4	2	-	6	1	204	54	41	63	5	1	
MEERHOZ	524	198	5	23	29	80	02	1	899	52	3	9	5	6	3	5	1	702	50	45	73	5	1		MEERHOZ	524	198	5	23	29	80	02	1	899	52	3	9	5	6	3	5	1	702	50	45	73	5	1	
CIRRUS	451	158	7	23	28	58	02	5	087	57	2	5	4	5	2	1	2	703	03	54	23	5	7		CIRRUS	451	158	7	23	28	58	02	5	087	57	2	5	4	5	2	1	2	703	03	54	23	5	7	
POLAR FRONT	860	020E	3	09	18	39	15	1	107	36	2	9	4	6	0	0	0	7	01	59	27	09	3	2	POLAR FRONT	860	020E	2	08	10	99	15	2	126	36	2	9	4	-	4	0	0	709	53	23	09	3	2	
RESAULT HAWK	476	162	8	23	24	36	53	5	014	53	8	7	2	-	-	1	4	7	15	01	49	23	4	5	RESAULT HAWK	476	162	8	23	24	36	53	5	014	53	8	7	2	-	-	1	4	7	15	01	49	23	4	5
U.S. SHIP "C"	528	355	7	28	28	65	02	1	764	42	7	5	4	0	0	0	0	2	03	56	25	33	4	6	U.S. SHIP "C"	528	355	7	28	28	65	02	1	764	42	7	5	4	0	0	0	2	01	39	82	5	4		
U.S. SHIP "D"	440	410	6	32	35	69	02	1	054	48	6	3	5	0	0	0	0	2	24	57	35	20	4	9	U.S. SHIP "D"	440	410	6	32	35	69	02	1	054	48	6	3	5	0	0	0	2	14	70	48	29	4	9	
CANADIAN	489	085	8	24	24	70	02	2	042	52	8	5	4	-	-	5	5	309	01	46	24	3	3	CANADIAN	489	085	8	24	24	70	02	2	042	52	8	5	4	-	-	5	5	309	01	46	24	3	3		
CORENTHIC	475	138	8	19	13	97	51	3	047	53	8	6	2	-	-	1	6	7	20	51	51	22	5	8	CORENTHIC	475	138	8	19	13	97	51	3	047	53	8	6	2	-	-	1	6	7	20	51	51	22	5	8
RACE APPA	468	082	9	22	18	94	53	2	088	55	9	-	0	-	-	8	6	7	02	02	56	22	3	4	RACE APPA	468	082	9	22	18	94	53	2	088	55	9	-	0	-	-	8	6	7	02	02	56	22	3	4

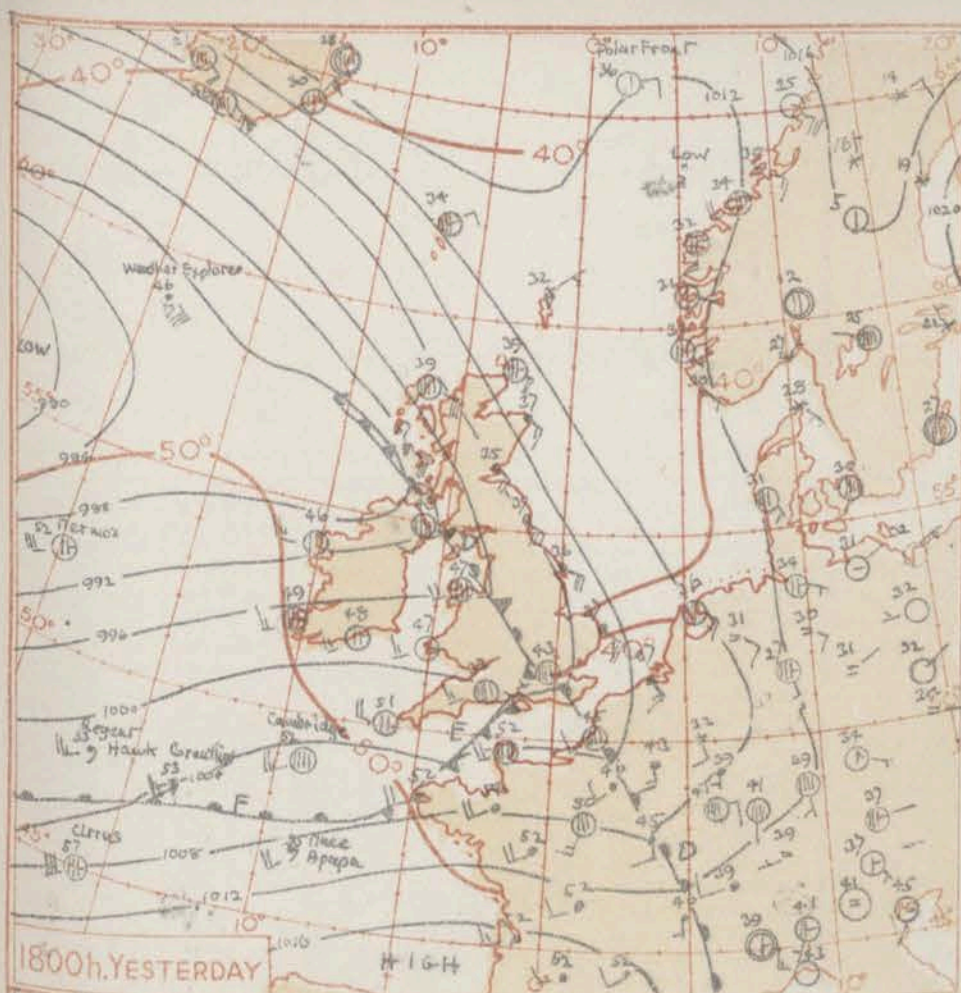
All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

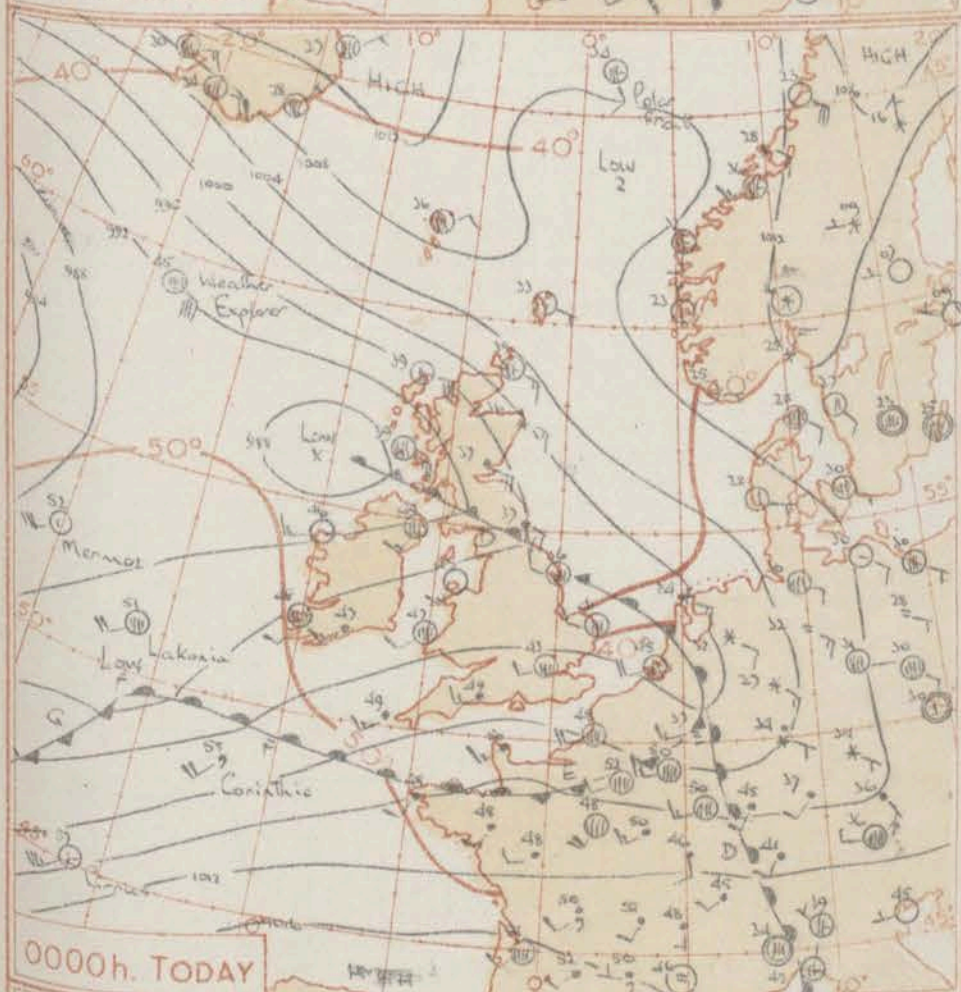
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

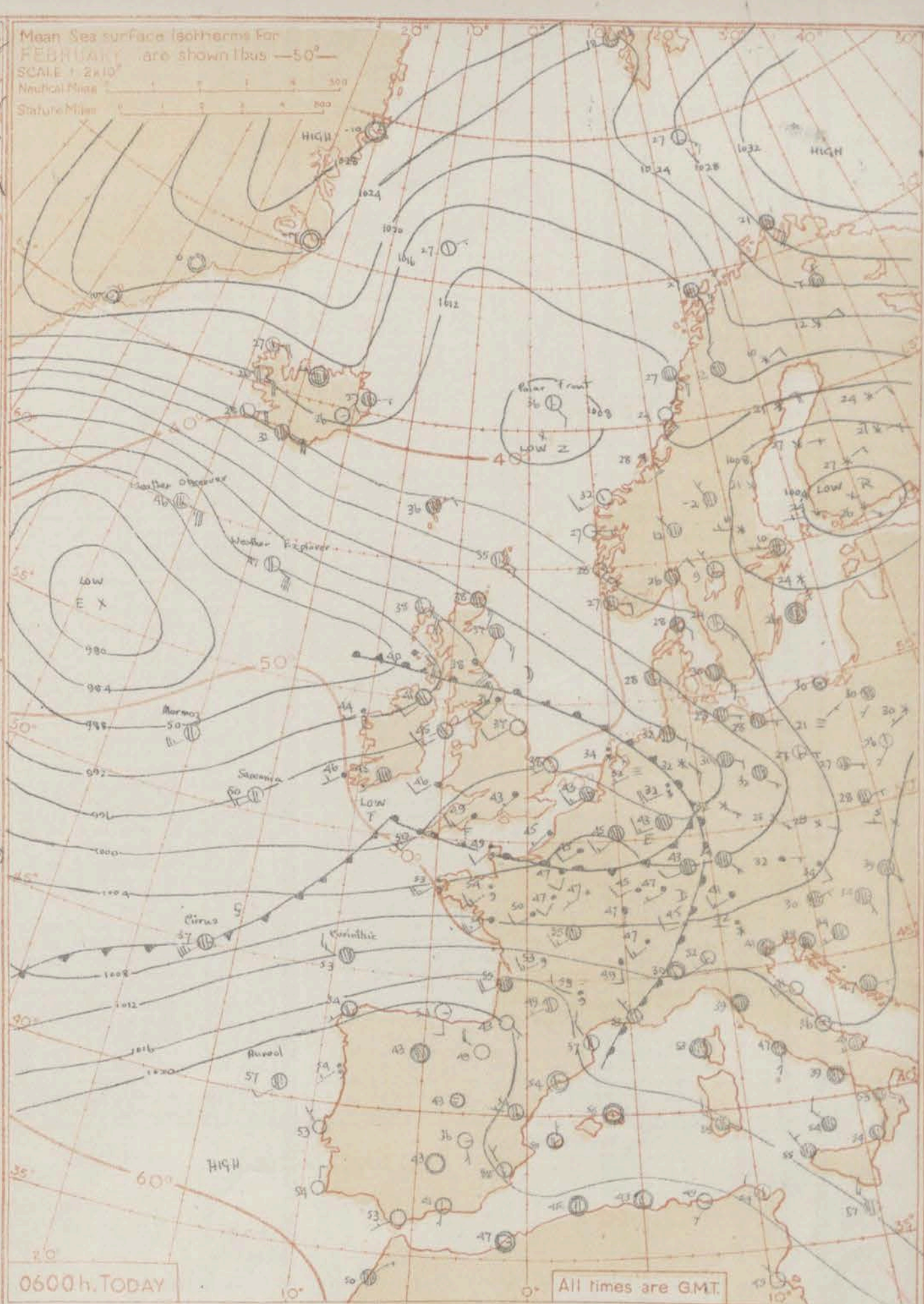




1800h. YESTERDAY



0000h. TODAY



0600h. TODAY

All times are GMT.

GENERAL SYNOPTIC DEVELOPMENT A depression over mid-Atlantic moved slowly eastwards while associated troughs of low pressure moved eastward over England and Wales, becoming almost stationary over Scotland. Later a wave on the cold front moved eastward over Southern districts of England and Wales. The trough over Scotland is expected to fill up slowly while a new depression breaks away south-eastwards over the continent. Further small disturbances will move eastwards near the English Channel.

Issued at Mid-day today Sunday 24th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Rain, sleet or snow over some southern and central districts of Scotland. Southern England will move away eastwards. There may be further periods of rain in the south but otherwise over the British Isles there will be scattered showers with clear periods. It will be rather cold in the north of Scotland but elsewhere temperatures will be near normal.

OUTLOOK FOR NEXT 24 HOURS:- Bright periods and showers in most parts of the British Isles.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. 24794

Date of Issue... Monday, 25th February, 1957

OBSERVATIONS at 12h. G.M.T. 24th February, 1957

OBSERVATIONS at 18h. G.M.T. 24th February, 1957

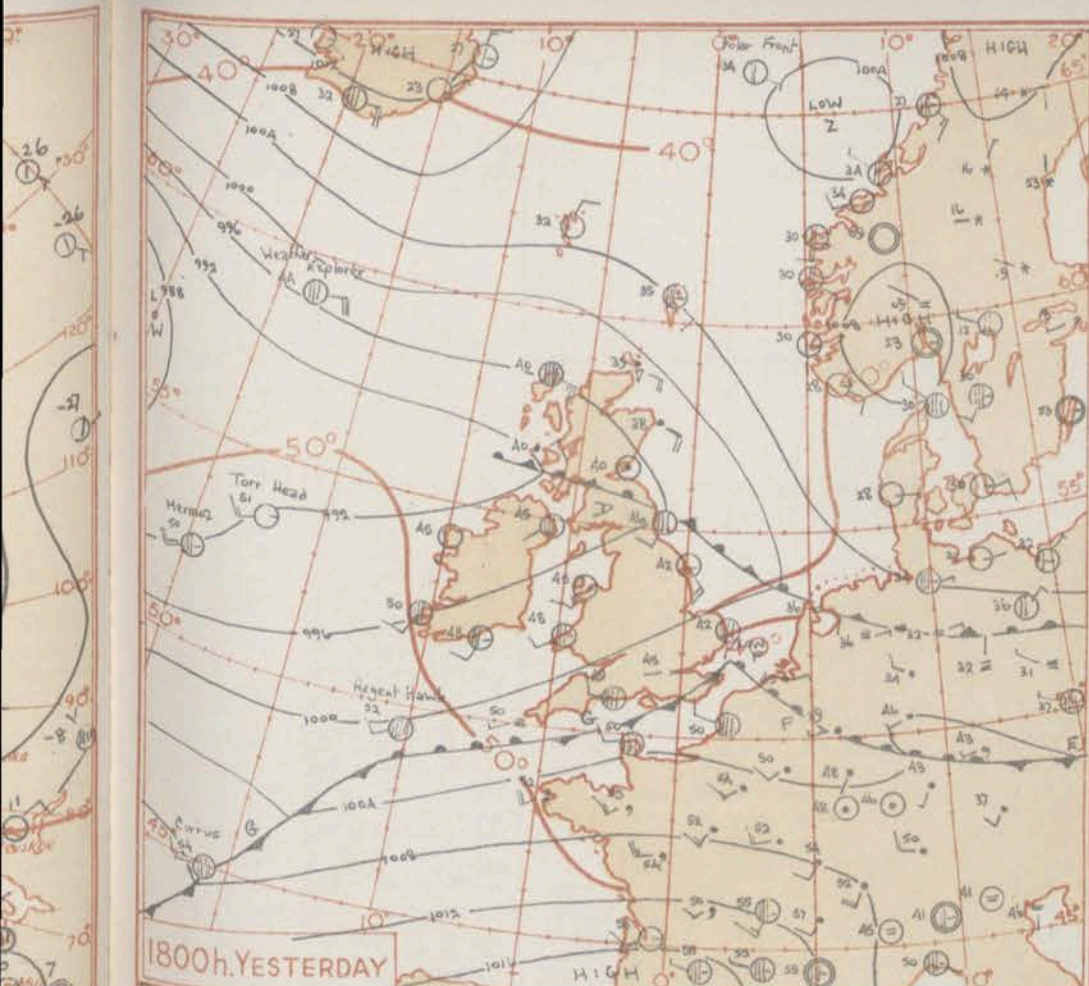
OBSERVATIONS during DAY

Code FM 11.A	Station	Station Number	Total Cloud		Wind		Weather		Bar.		Cloud		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp.		Bar.		Cloud Layers		Temp	
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Mid-day (12h)
of
Sunday 24th February
1957

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

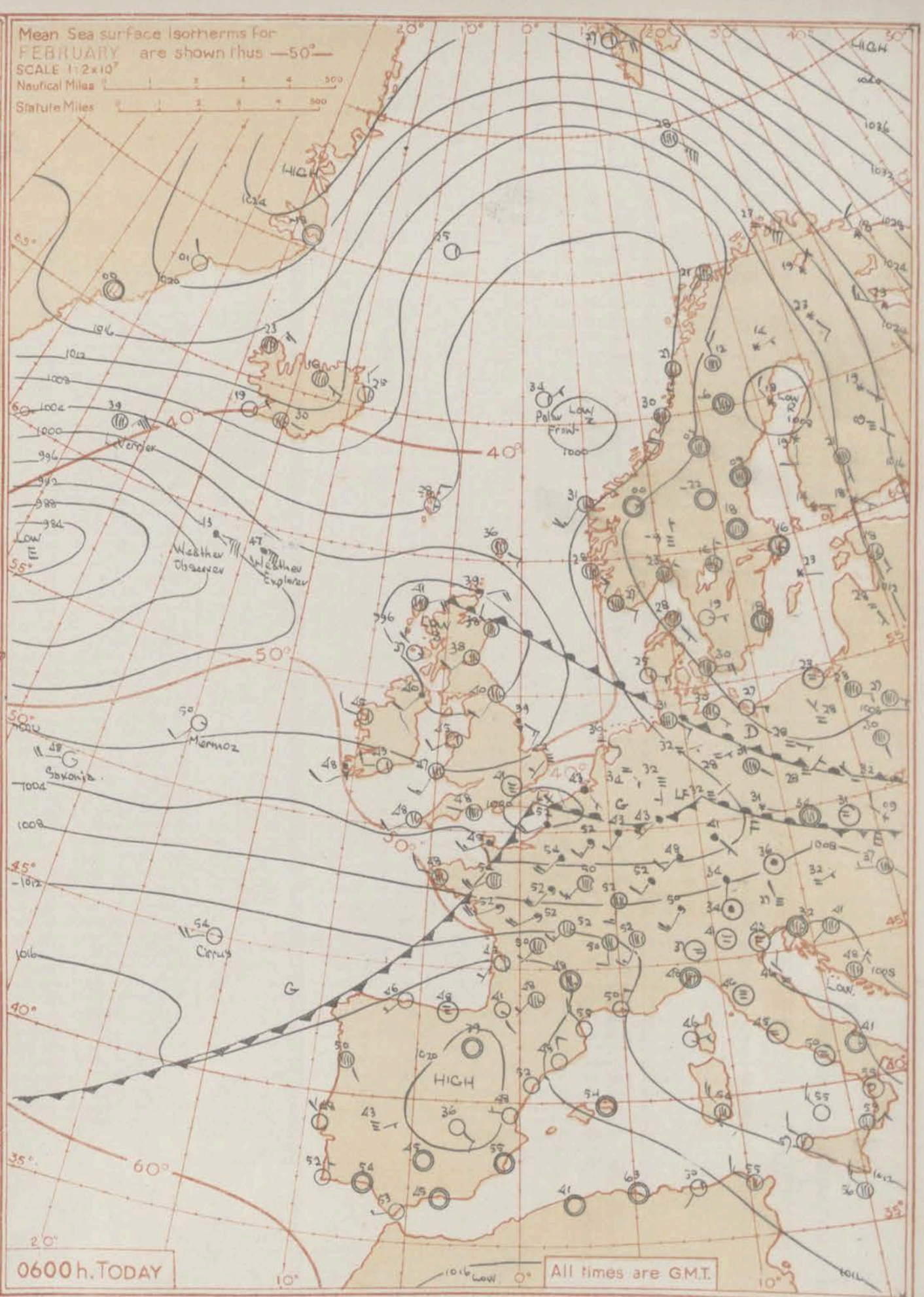
NAUTICAL MILES.



1800h. YESTERDAY



0000h. TODAY



Mean Sea surface isotherms for
FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 100 200 300
Statute Miles 0 100 200 300

0600h. TODAY

All times are GMT.

GENERAL SYNOPSIS DEVELOPMENT A depression over the Atlantic has been and will probably remain slow moving, while an associated trough, which moved slowly north over Scotland yesterday is now filling while a shallow low has developed in the trough and will probably move away southeast over the North Sea. Successive frontal waves have crossed southern England but a weak ridge will now follow these eastward. Another deepening depression will move eastward over the western Atlantic, probably merging with the existing depression later.

Issued at Mid-day today Monday 28th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow Bright periods and scattered showers are expected in most areas today after more general cloud in the south and east showers will be few. In northwestern areas showers will become fairly frequent but in the south and east showers will be few. In northern Scotland it will be rather cold with sleet or snow showers especially on hills. Elsewhere it will be generally mild. Tonight showers may continue in the north of Scotland and on some western coasts but elsewhere fog patches and slight frost are likely to develop, dispersing in the morning.

OUTLOOK FOR following 24 hrs.— Rain will probably spread from the west to many areas but this may not reach eastern and northern parts before Wednesday.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 25th February 1957																									OBSERVATIONS at 06h. G.M.T. 25th February 1957																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Code F.M. 11.A		Station Number	Wind		Weather		Bar at M.S.L.	Cloud					Dew Point Temp.	Bar.		Cloud Layers					Dew Point Temp.	Bar.		Cloud Layers					Weather	Temp.		Rain 21h. to 09h. m.	State of ground 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	Change in 3 hours	Amount	Form	Height		Amount	Form			Height	Min. °F.	Max. °F. on grass																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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00h. Ships Reports

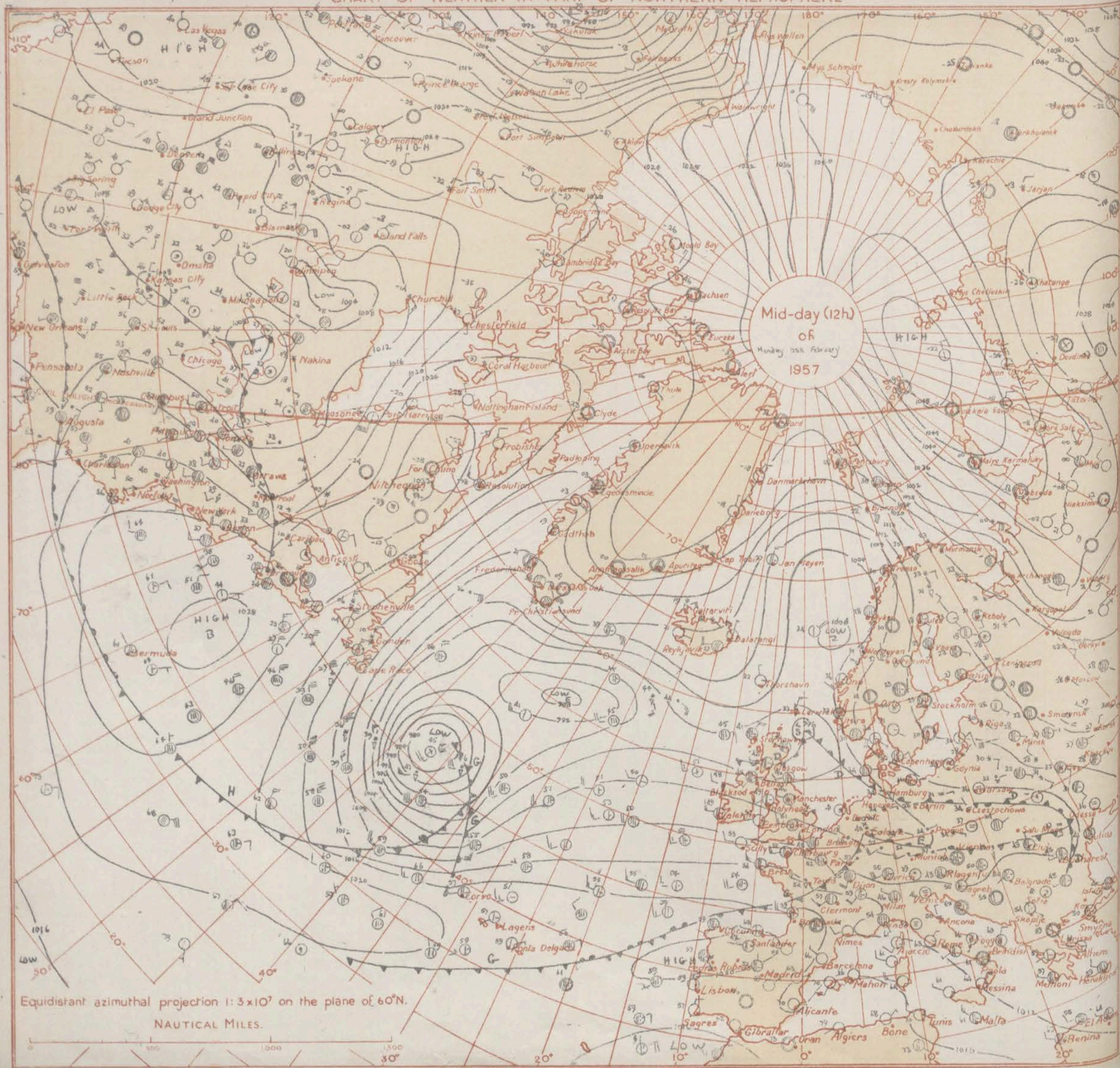
Code F.M. 21.A		Wind		Weather		Cloud		Course		Bar		Temp.		Waves	
Ship		Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Period
		N	dd	ff	VV	WW	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs
MERMOL	526	198	1	26	15	80	01	960	50	1	5	0	0	0	2
WEATHER EXPLORER	549	198	9	09	18	97	02	946	47	7	2	4	7	6	1
POLAR FRONT	640	200E	6	06	14	98	85	8	023	16	3	3	4	6	1
CIRRUS	450	198	1	26	17	65	01	103	55	2	5	5	4	0	6
LE VERRIER	621	199	6	04	14	60	01	270	41	5	8	4	0	2	6
U.S. SHIP 'C'	528	305	6	27	23	65	80	2	940	42	6	5	6	0	0
U.S. SHIP 'D'	410	410	8	20	11	65	02	180	45	6	5	5	2	0	0
WEATHER OBSERVER	993	234	8	02	47	96	01	952	41	8	2	4	0	3	3
LAKONIA	507	210	4	25	19	99	02	979	50	4	2	5	0	6	3
CAIRNOHA	528	153	4	27	19	98	03	949	46	3	9	5	4	1	5

06h. Ships Reports

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																					
																								N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	=	pp	TsTt	TdTd	dwdw	Pw
	LatLat	LoLoLo																																										
MERMOL	526	196	1	25	12	80	02	0	990	50	1	1	5	0	0	0	2	10	51	41	23	5																						
WEATHER EXPLORER	588	196	8	11	17	96	63	8	961	47	6	7	4	2	0	1	2	04	52	38	59	5																						
POLAR FRONT	660	200E	2	05	06	94	02	0	005	34	2	9	4	6	0	0	7	08	61	49	49	5																						
CIRRUS	450	161	1	26	18	70	01	0	128	54	1	5	5	0	0	6	1	24	50	46	26	5																						
LE VERRIER	622	204	7	06	15	50	02	1	069	39	7	5	4	0	0	6	2	20	51	50	02	5																						
U.S. SHIP 'C'	528	355	8	27	24	65	02	2	911	41	8	5	5	0	0	0	7	12	51	37	76	5																						
U.S. SHIP 'D'	440	410	8	23	11	69	02	6	898	50	8	5	5	0	0	0	7	19	55	42	23	5																						
WEATHER OBSERVER	993	224	8	09	14	95	60	6	968	43	8	7	4	0	0	3	3	16	55	41	54	5																						
LAKONIA	441	173	3	25	12	98	04	0	134	52	3	3	3	0	0	5	0	15	51	45	25	5																						
SAXONIA	409	264	1	26	18	99	01	0	000	48	1	1	2	0	0	6	6	2	15	55	44	5																						

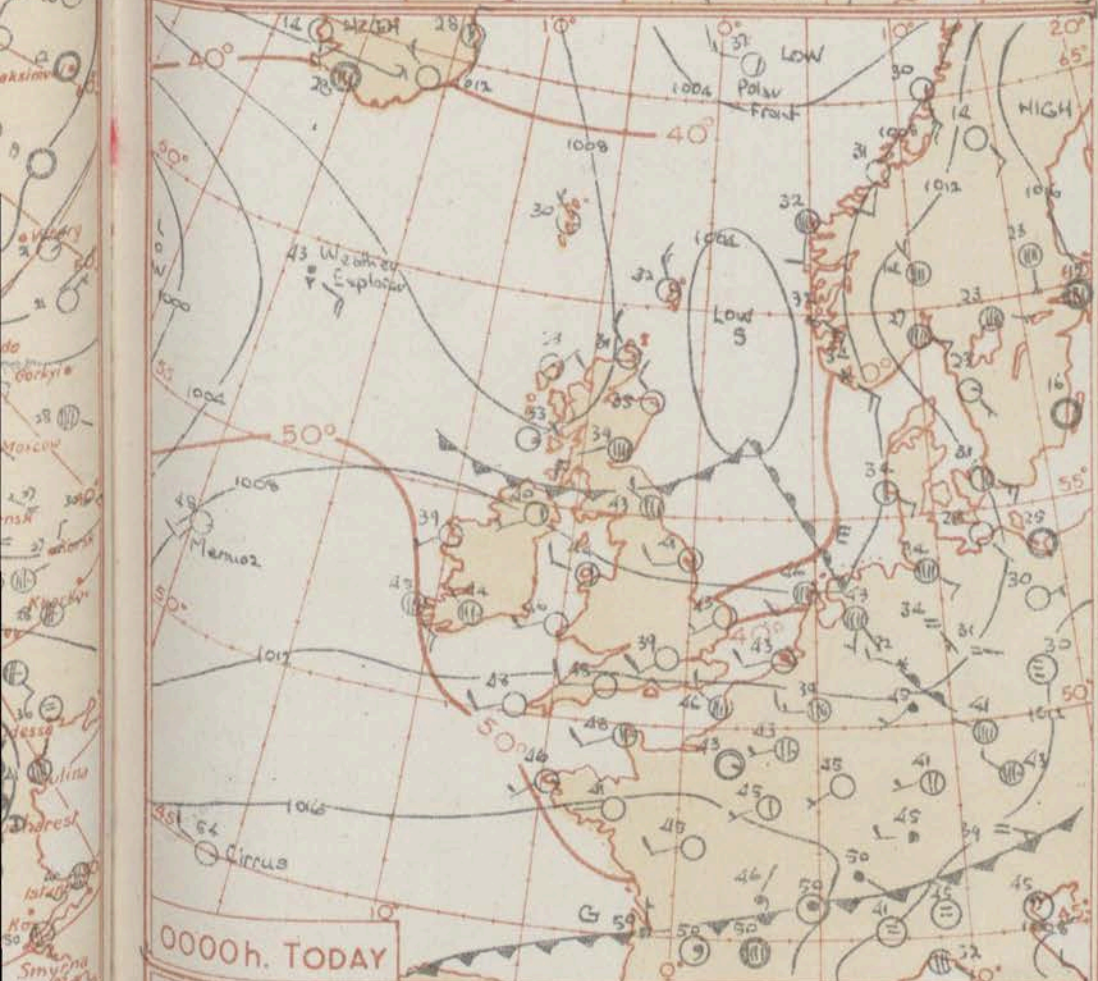
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



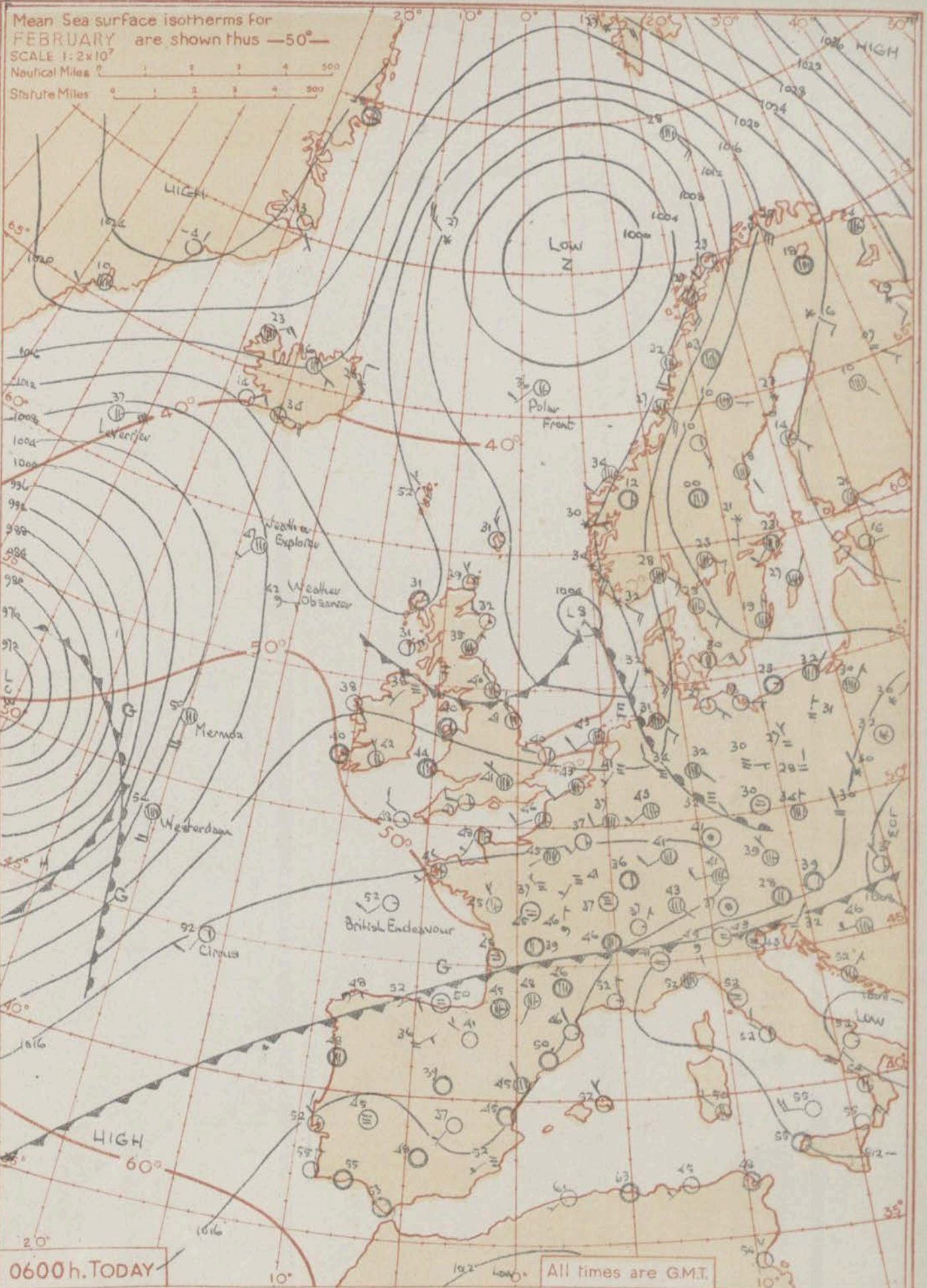


1800h. YESTERDAY



0000h. TODAY

Mean Sea surface isotherms for FEBRUARY are shown thus —50°—
 SCALE 1:2x10⁷
 Nautical Miles 0 1 2 3 4 500
 Statute Miles 0 1 2 3 4 500



0600h. TODAY

All times are GMT.

GENERAL SYNOPSIS DEVELOPMENT

A shallow depression over Scotland and a wave in the Straits of Dover yesterday morning both moved away, eastward, and have been followed by a weak ridge over the British Isles. This will intensify and move east as the fronts of a deep depression in mid-Atlantic move into western districts of the British Isles tomorrow morning.

Issued at mid-day today Tuesday 2nd February, 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Today there will be sunny intervals and scattered showers. Fog patches will form tonight and clear tomorrow morning, but before midday rain may be affecting western districts. It will be rather cold in North Scotland. Temperatures will be near normal elsewhere. Frost will occur tonight in most northern districts.

OUTLOOK FOR 24 hours:—

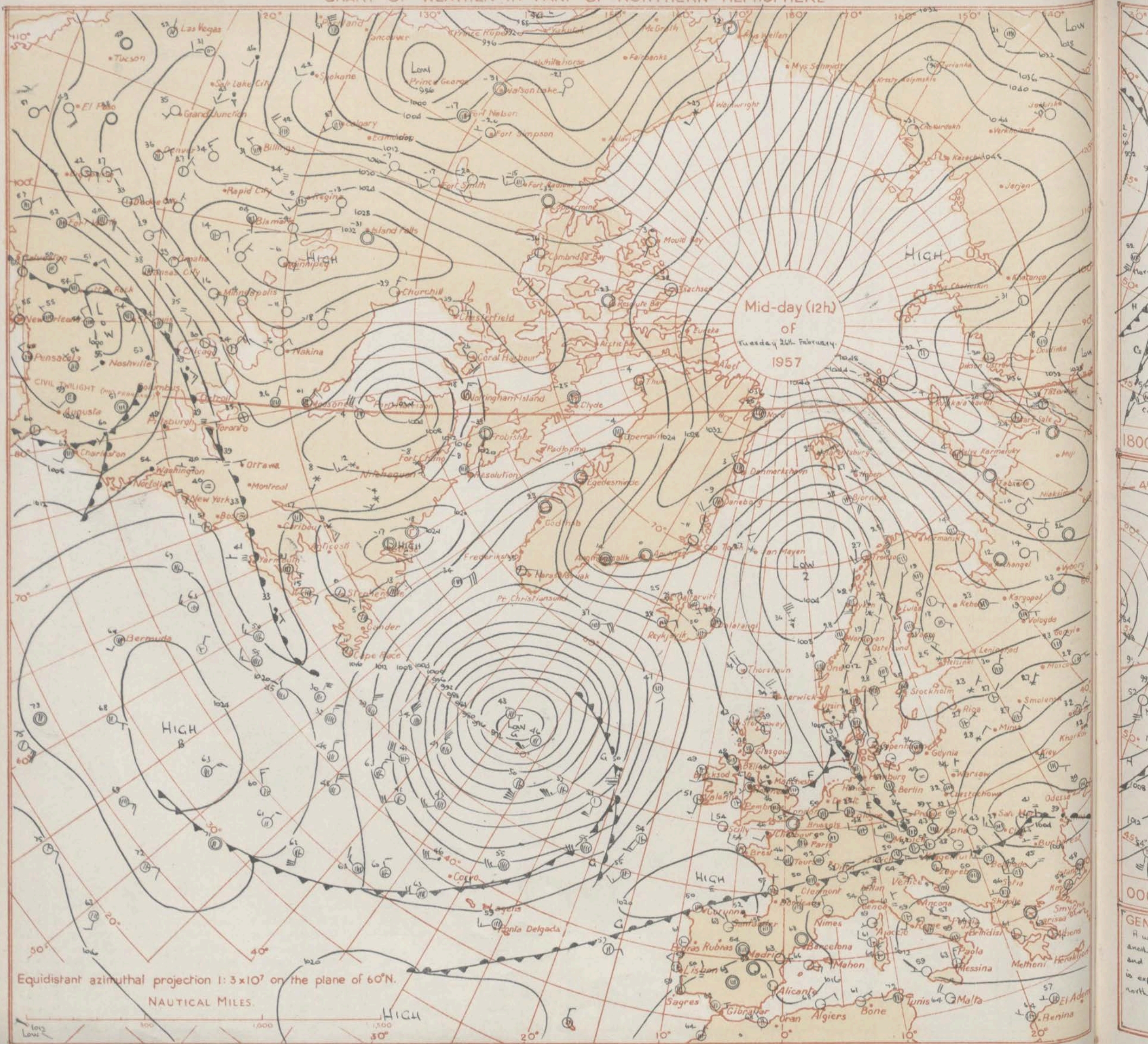
Rain probably spreading eastwards across most areas.

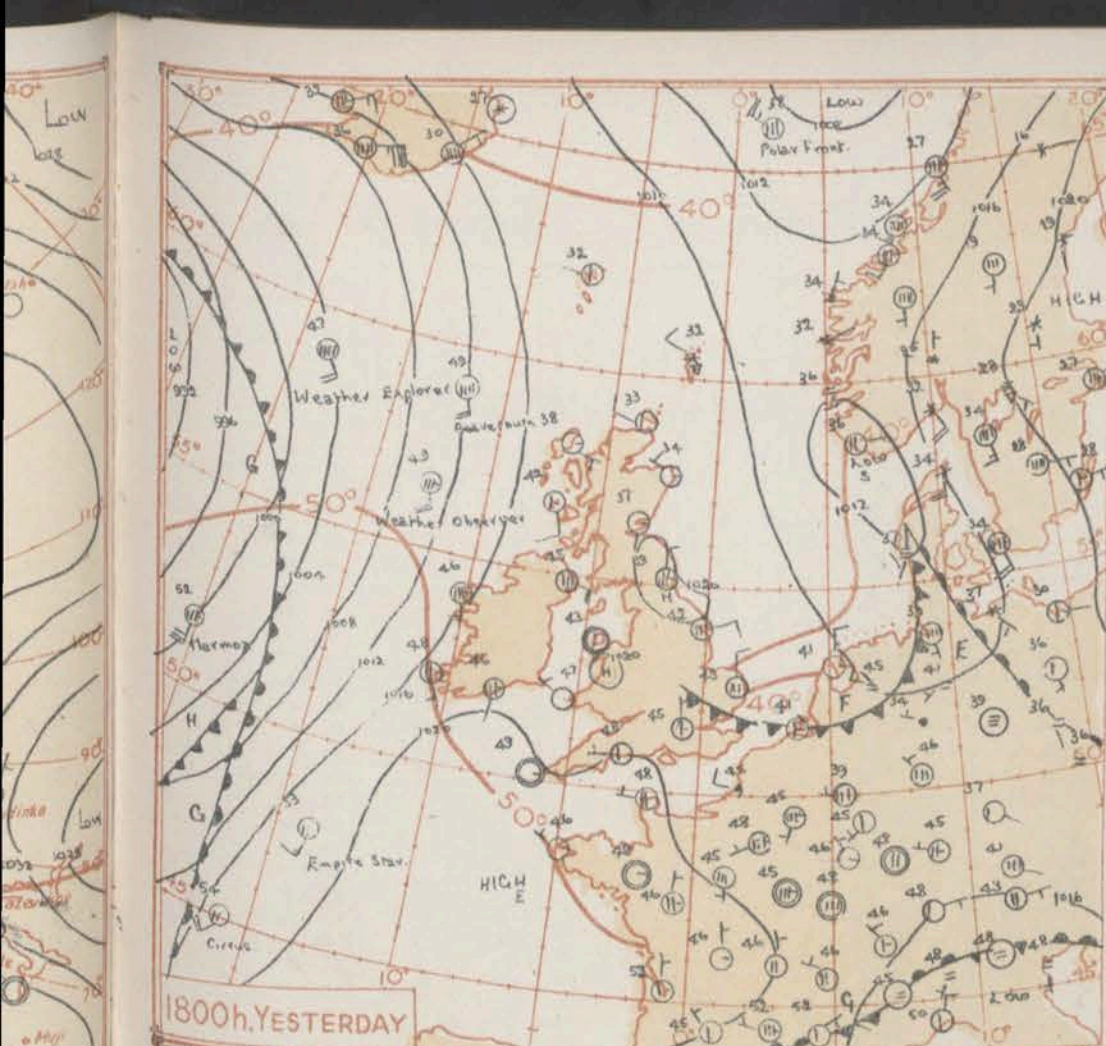
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Code F MState

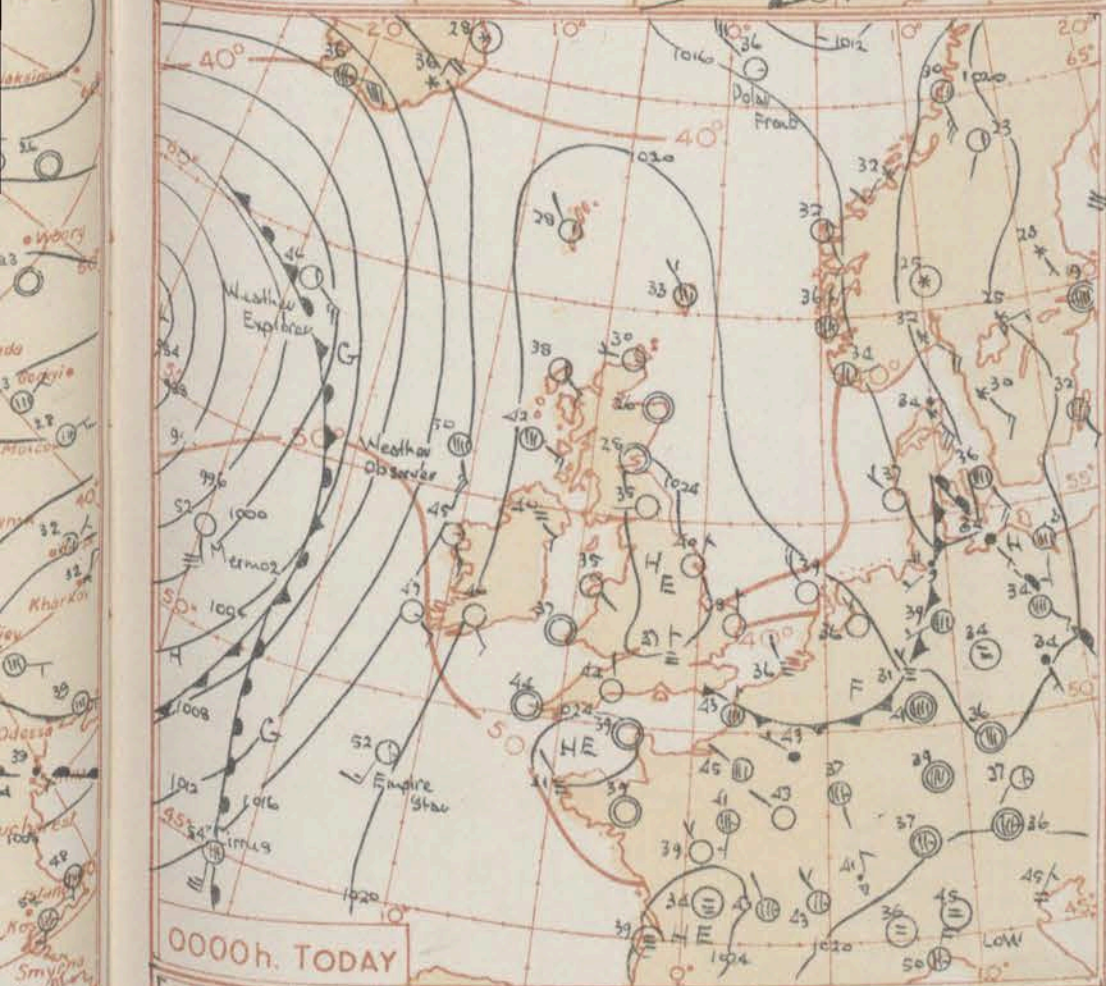
* Information not usually received.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



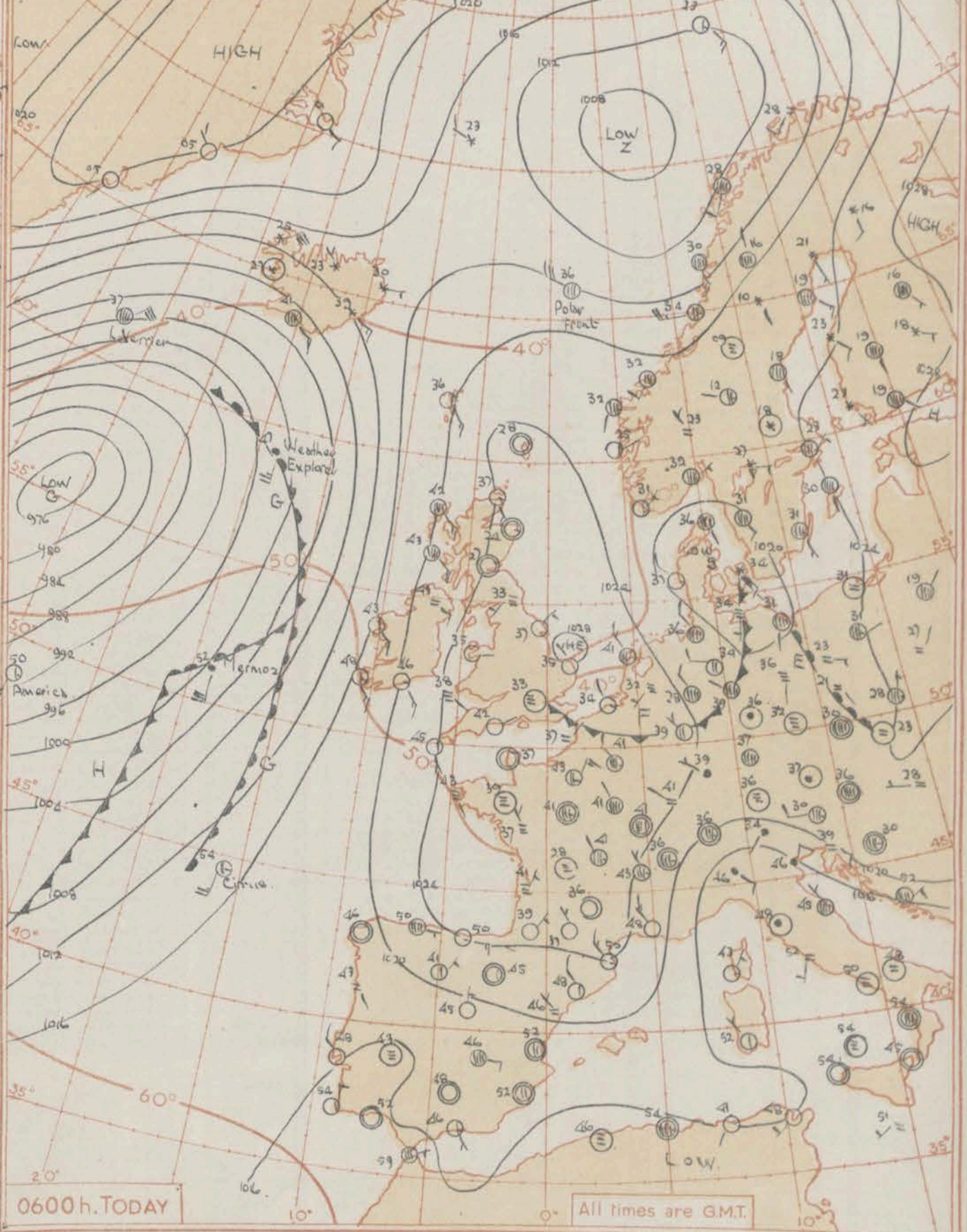


1800h. YESTERDAY



0000h. TODAY

Mean Sea surface isotherms for FEBRUARY are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500



0600h. TODAY

All times are GMT.

GENERAL SYNOPTIC DEVELOPMENT

A weak trough moved east across southern England yesterday and another moved south from north-east England followed by a ridge of high pressure. This ridge developed and merged with an anticyclone which moved into France from the Biscay region. The resulting anticyclone is expected to be slow moving to the south east of the British Isles with weak troughs to the west and north.

Issued at Midday today Wednesday 27th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

It will be mostly dry and bright though with perhaps some rain in north-west Scotland and parts of Northern Ireland, by morning. Mist and fog will redevelop over central and eastern England tonight clearing during the morning. Afternoon temperatures will be mostly above the seasonal normal.

OUTLOOK FOR 24 hours.

Probably mainly dry and mild but rain in places in the north.

OBSERVATIONS at 12h. G.M.T. 27th February

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

OBSERVATIONS during DAY

12h. Ships Reports

18h. Ships Reports

Ship	LAT.	LONG.	Fast Strips																								Ship	LAT.	LONG.	Fast Strips																							
			Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar.	Temp.	Waves			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		
																																																				N	dd
Lat	Lat	Lo	Lo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	H	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw	Lat	Lat	Lo	Lo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	H	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw
POLAR FRONT	660	0206	7	32	15	98	02	1	221	34	7	5	4	-	-	0	2	23	59	25	21	2	3	HERNOZ	509	170	7	19	13	70	02	2	091	52	4	0	9	4	2	3	4	2	07	00	46	15	5	7					
HERNOZ	303	181	7	19	29	70	21	6	054	51	5	5	5	1	-	3	1	3	25	50	48	18	4	8	WEATHER EXPLORER	590	187	7	20	25	98	21	6	951	48	4	2	5	7	-	0	0	3	03	51	43	19	5	8				
WEATHER EXPLORER	590	187	7	15	16	98	03	6	987	49	0	0	9	1	6	0	0	4	00	50	45	14	4	7	POLAR FRONT	660	0206	8	25	05	99	03	2	126	34	7	5	5	1	-	0	0	1	08	62	23	29	3	3				
LE VERRIER	449	160	7	19	25	70	02	1	146	54	2	5	5	7	0	8	1	1	06	00	46	20	4	6	CIRRUS	450	159	7	19	19	75	02	2	139	35	6	5	5	2	0	2	1	3	07	01	50	19	4	6				
U.S. SHIP C	621	322	7	05	35	60	02	2	058	57	7	8	4	-	1	2	1	1	02	54	20	05	4	8	LE VERRIER	623	316	7	02	39	60	27	2	056	36	7	8	4	-	0	1	4	00	52	51	03	4	8					
U.S. SHIP D	628	335	5	02	14	65	02	2	856	43	2	3	4	3	1	0	0	2	39	01	40	03	4	4	U.S. SHIP "C"	628	355	6	36	06	65	02	2	900	44	6	5	5	0	0	0	0	8	16	92	40	33	4	5				
WEATHER WATCHER	440	410	8	23	40	68	02	1	060	49	8	2	5	1	-	0	0	0	2	08	56	42	79	4	0	U.S. SHIP "D"	440	410	7	32	38	69	02	2	092	50	7	2	5	0	0	0	0	2	19	35	42	79	4	0			
LAURENTIA	534	072	7	16	18	98	02	2	325	45	1	5	7	7	2	6	4	0	05	51	41	49	1	2	BIRMINGHAM CITY	510	173	6	22	30	98	02	1	075	52	5	5	7	4	2	4	2	20	50	52	20	5	4					
LAURENTIA	628	288	2	21	20	98	02	0	956	50	2	2	6	0	1	1	6	2	38	54	46	21	4	8	LAURENTIA	535	211	3	23	21	98	02	0	003	50	2	2	6	0	1	6	2	23	00	45	20	5	6					
SAVANNAH	428	364	4	28	15	59	02	0	054	51	2	2	6	6	0	2	3	2	02	53	41	28	5	3	SAVANNAH	422	243	8	04	12	98	02	2	093	56	3	7	2	2	-	1	2	03	55	40	20	5	2					

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

* Information not usually received.

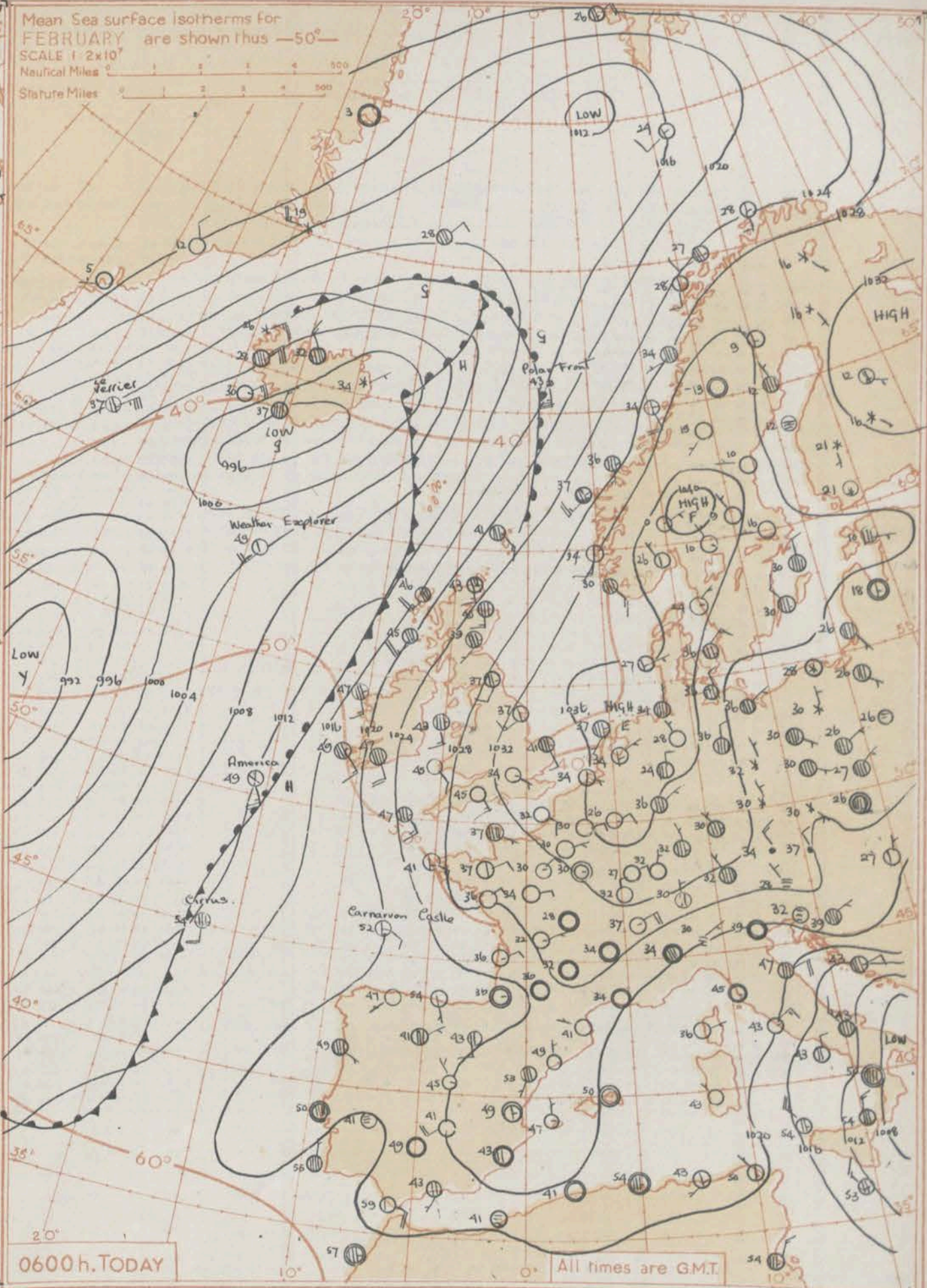
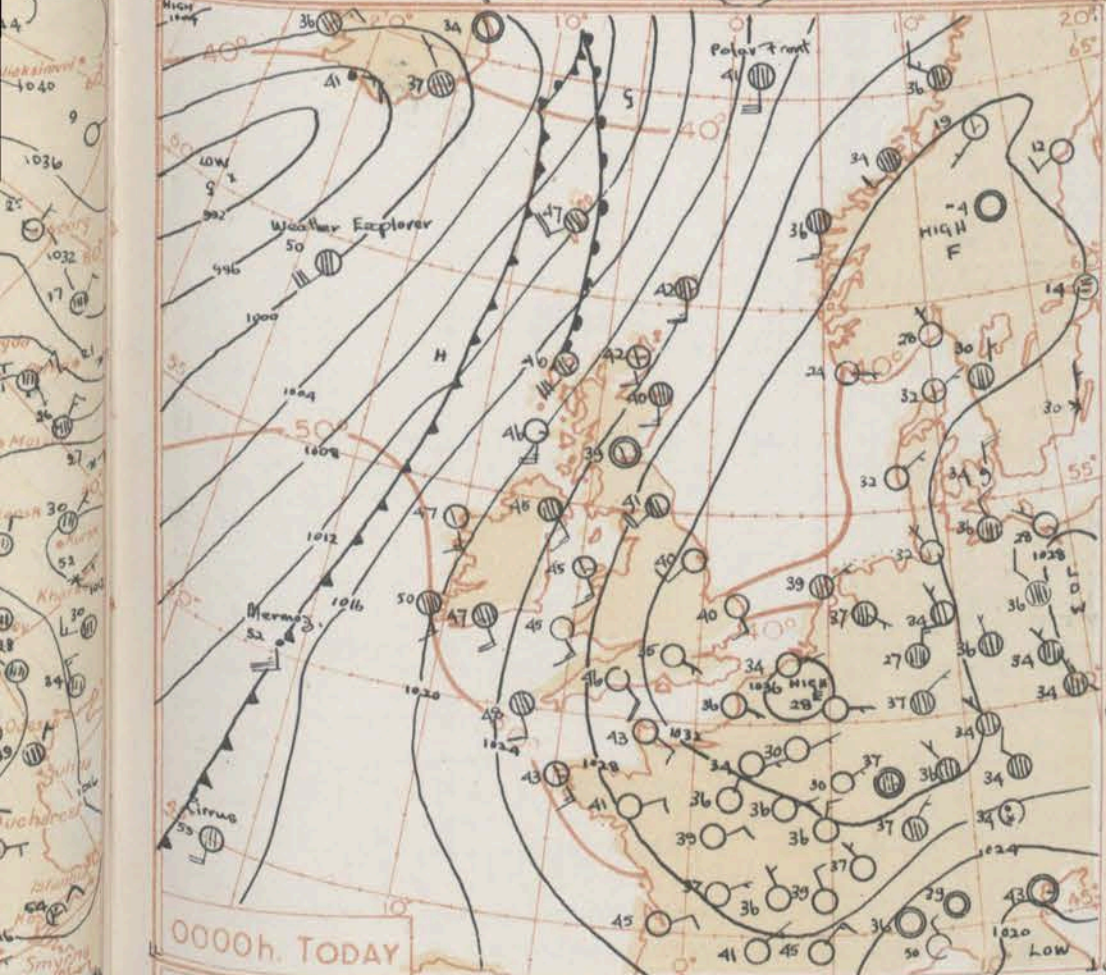
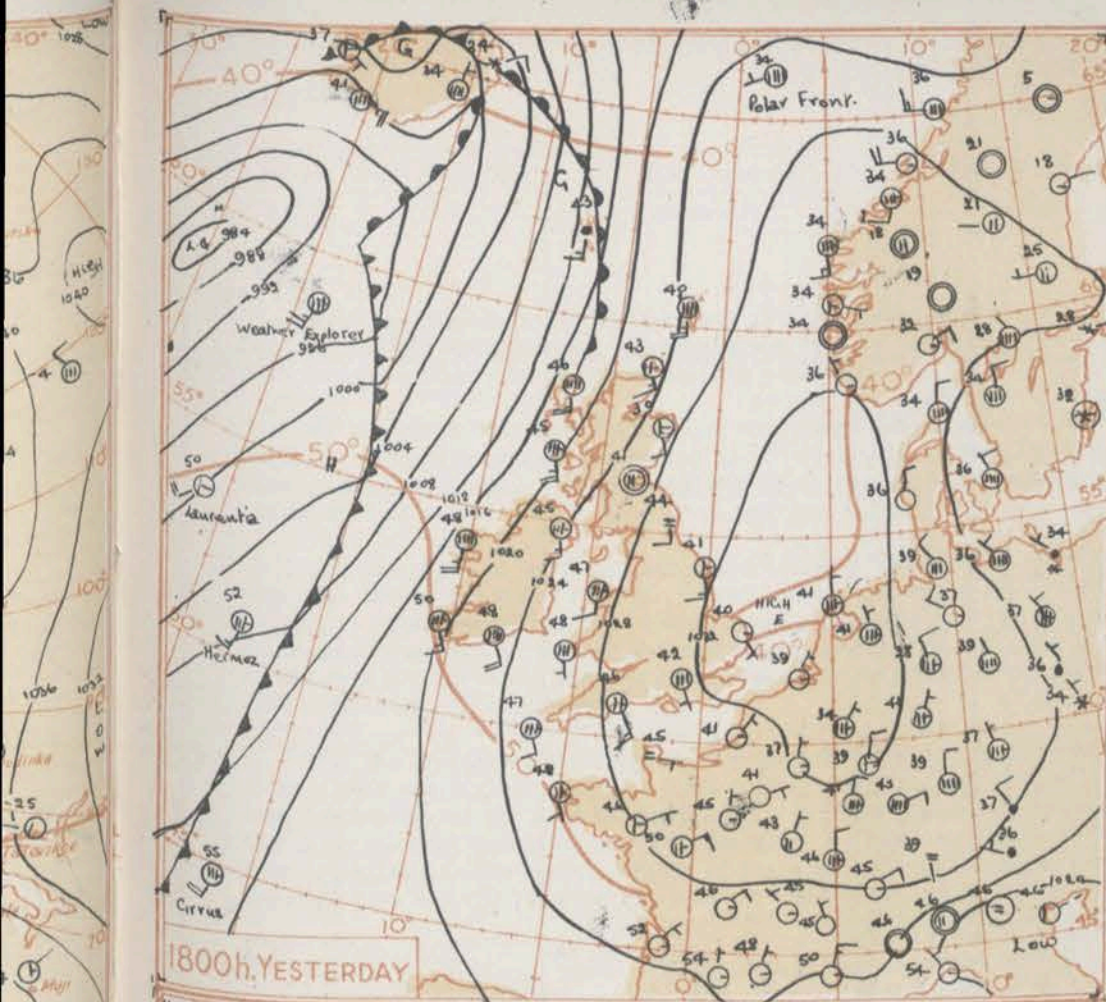
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Mid-day (12h)
of
Wednesday 27th February
1957

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

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

NAUTICAL MILES:



GENERAL SYNOPTIC DEVELOPMENT

The anticyclone which was centred near south-east England yesterday morning, has spread northeast and a separate anticyclone has formed over south Norway. These anticyclones will merge to form a large anticyclone which will probably remain almost stationary over southern Sweden. West troughs will probably cross Northern Ireland and west Scotland.

Issued at Mid-day today Thursday 18th February 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Western Scotland and northern Ireland will have a few outbreaks of rain and it will remain rather cloudy. Elsewhere the weather is expected to remain fine with bright periods. Slight frost may affect some eastern districts of England tonight; daytime temperatures will be mostly a little above the seasonal normal.

OUTLOOK FOR

Saturday night: Most areas will have dry weather with bright periods, but in some western districts there may be occasional rain.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

00h. Ships Reports

Code FM 21 A		LAT.	LONG.	Total Cloud	Wind		Weather		Barom M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.		Waves				
Ship	Direction				Speed	Visibility	Present	Fast			Amount	Low	Height	Medium	High	Direction	Speed		Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
		LtLs	LtLo	N	kt	M	VV	ww	W	PPP	TT	Nh	CL	H	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	cwdw	Pw	Hw
WEATHER EXPLORER	589	187	6	22	30	97	21	6	004	50	4	6	4	2	-	5	1	3	32	52	43	22	4	8	
CUMULUS	587	035	1	16	24	65	02	1	217	43	1	5	8	0	0	6	3	8	12	51	37	20	3	3	
CIRRUS	450	159	6	18	20	75	03	1	144	55	6	5	5	0	0	4	1	2	03	21	50	19	4	5	
POLAR FRONT	610	0208	8	18	29	98	02	2	206	41	8	5	4	-	-	0	0	8	35	51	36	18	2	2	
LE VERRIER	623	324	7	02	39	56	02	8	067	36	7	8	4	-	-	6	2	2	00	56	51	03	4	8	
U.S. SHIP "C"	520	355	8	36	12	68	02	2	966	43	8	5	4	-	-	0	0	2	29	02	14	34	4	5	
U.S. SHIP "D"	440	410	8	32	29	69	02	2	130	48	8	2	5	-	-	0	0	1	19	57	35	80	4	0	
WEATHER OBSERVER	552	056	7	15	20	98	03	2	258	46	1	5	5	7	6	2	3	2	19	00	46	14	3	3	
WEATHER WATCHER	548	098	8	16	29	98	02	2	181	50	4	5	6	7	-	5	3	7	07	00	45	17	4	6	
PORTOZ	503	154	8	17	33	50	68	6	136	52	6	7	3	2	-	3	4	2	27	51	52	16	5	7	

06h. 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 ^c	Change in 3 hours	Sea	Dew Points	Direction	Period																						
																										N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	vs	a	pp	TsTb	TdTw	dwdwf	Fw	Hw
	Lat	Long	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	vs	a	pp	TsTb	TdTw	dwdwf	Fw	Hw																							
WEATHER EXPLORER	689	187	2	32	26	97	02	1	041	49	2	5	5	0	0	0	0	2	21	50	41	22	4	0																							
AMERICA	510	152	9	16	25	98	25	8	119	49	9	-	0	-	-	2	8	2	17	54	49	16	3	0																							
CIRARUS	448	159	7	18	20	70	01	1	128	54	7	5	5	0	0	4	1	8	01	01	52	19	4	0																							
POLAR FRONT	660	020E	8	18	34	96	63	6	185	43	8	7	4	-	-	0	0	7	24	51	29	18	4	0																							
LE VERRIER	622	327	8	04	35	56	00	1	80	637	5	8	4	0	0	5	2	2	06	-	-	-	-	0																							
U.S. SHIP "C"	528	355	3	36	16	69	02	8	986	42	3	5	4	0	0	0	0	2	08	00	40	34	4	0																							
U.S. SHIP "D"	440	460	8	29	14	65	02	2	130	47	9	2	5	-	-	0	0	0	00	57	36	30	2	0																							
WEATHER WATCHER	546	113	8	18	31	94	01	6	144	50	7	7	4	2	-	5	3	7	17	50	48	13	0	0																							
CARNARVON CASTLE	454	073	3	13	12	99	03	1	196	52	2	5	6	0	0	1	6	1	10	00	48	40	4	0																							
U.S. NAVAL SHIP	467	164	6	18	30	98	02	1	119	54	6	4	4	-	-	-	-	8	06	00	52	18	2	0																							

* Information not usually received.