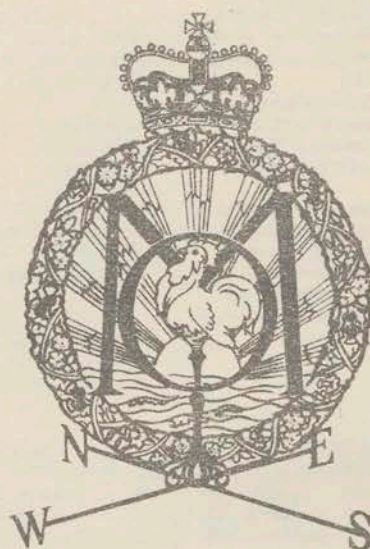


THE DAILY WEATHER REPORT

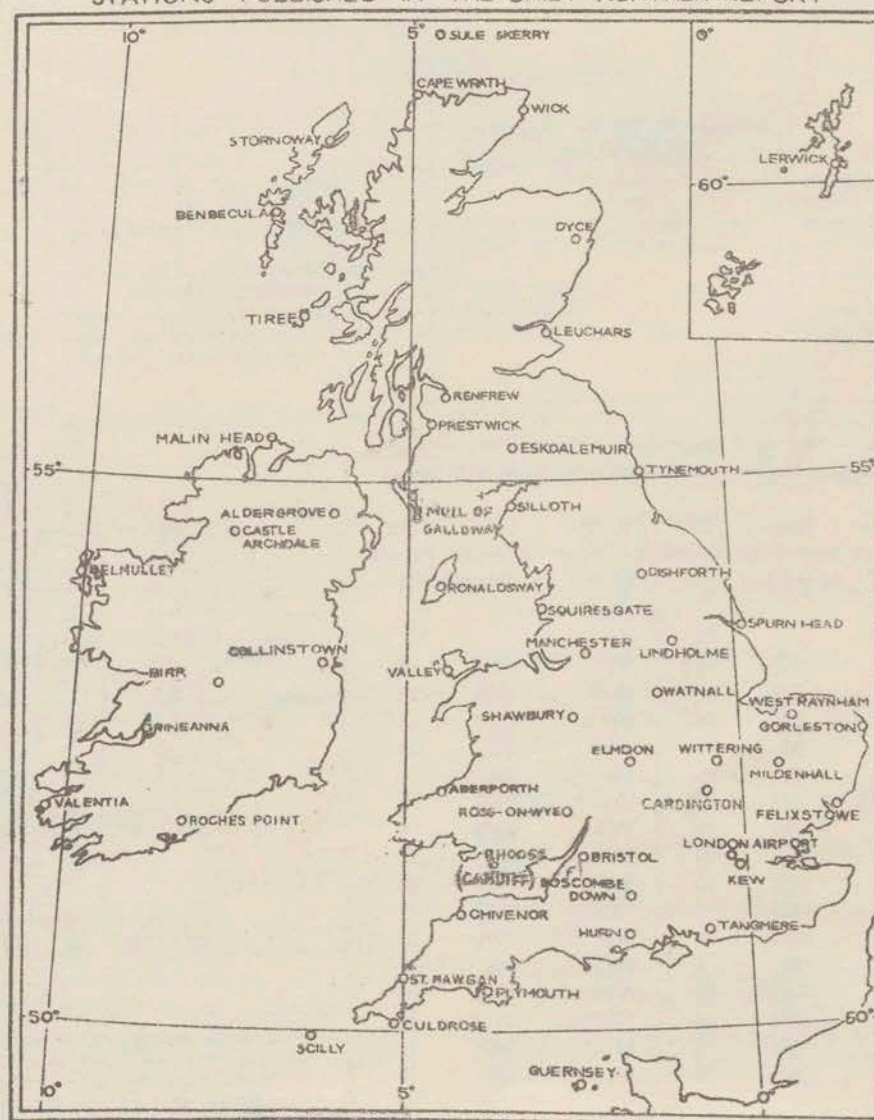
(INTRODUCTION)

1st October to 31st December

1957



STATIONS PUBLISHED IN THE DAILY WEATHER REPORT



METEOROLOGICAL OFFICE
LONDON, W.C.2

I. HISTORY

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

2. FORM OF PRESENTATION

(i) **Observations.**—Pages 1 and 4 of the Daily Weather Report contain reports for the four main hours of observation from a representative number of stations in Great Britain and Ireland which provide full reports together with a selection of ships' reports for the same hours. In addition, Beaufort letters, (Table 18), mainly describing precipitation, are given for each of the four six-hourly periods, together with reports of maximum and minimum temperature, sunshine, rainfall and state of ground (Table 13), in respect of the land stations listed. Explanations of the codes and specifications used are given below.

(ii) **Charts.**—Page 2 contains a chart of the weather in a large part of the northern hemisphere for mid-day of the previous day. Incorporated in this chart is a line joining the approximate locations of civil twilight (i.e., Sun 6° below horizon) at 1200 h. G.M.T. for the mid point of the month indicated. Page 3 contains charts of slightly larger scale, for the British Isles and Western Europe, for 1800 h. of the previous day and for 0000 h. and 0600 h. on the day of issue.

(iii) **General Synoptic Development, Forecast and Further Outlook.**—Below the weather charts on page 3 will be found a statement which describes the main features in the evolution of the synoptic situation over the British Isles during the preceding 24 hours together with an indication of the manner in which it is expected to develop during the succeeding 24 hours. On the right of this statement is a forecast of the weather expected during a period of 24 hours from noon on the day of issue, followed by an outlook for a further period, the duration of which is normally 24 hours but may be longer in certain weather situations.

4. EXPLANATION OF CODES AND SPECIFICATIONS

CODE F.M.11A—Land Stations

N dd ff	VV ww W	PPP TT
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.

CODE F.M.21A—Ships

L ₁ L ₂ L ₃	LoLoLo	Followed by first four groups as in F.M.11A above
L ₁ L ₂ L ₃ = Latitude in degrees and tenths.	LoLoLo = Longitude in degrees and tenths (West unless otherwise stated).	

3. NOTES

- Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.
- Rainfall.**—Tr = There has been precipitation, but amount less than 0.05 mm.
- Temperature.**—Temperature is specified in degrees Fahrenheit and is shown on the charts by means of figures alongside the positions of the stations.
- Dew Point.**—The values of Dew Point are derived from the original readings of dry-bulb and wet-bulb temperature and are correct to 1° F. Prior to 1st January, 1949, values below 32° F. gave the "Hoar Frost Point" that is to say, the temperature for which the actual vapour pressure is equal to the saturation pressure over ice. Since January, 1949, the true Dew Point and not the Hoar Frost Point has been included in synoptic reports in circumstances where the actual vapour pressure is lower than the saturated water vapour pressure of 32° F.
- Elevations of stations.**—The elevations of British stations are given below. These refer in each case to the cistern of the barometer.

	ft.		ft.		ft.		ft.
Kew ...	82	Bristol ...	197	Silloth ...	27	Sule Skerry ...	50
London Airport ...	82	Aberporth ...	379	Watnall ...	337	Lerwick ...	272
Tangmere ...	57	Rhoose (Cardiff) ...	223	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	Mull of Galloway ...	250	Malin Head ...	85
Cardington ...	93	Elmdon ...	326	Prestwick ...	30	Belmullet ...	33
West Raynham ...	263	Shawbury ...	249	Renfrew ...	30	Birr ...	235
Wittering ...	219	Manchester ...	230	Leuchars ...	36	Collinstown ...	265
Boscombe Down ...	419	Squires' Gate ...	33	Dyce ...	234	Rineanna ...	22
Ross on Wye ...	226	Valley ...	29	Wick ...	119	Roches Point ...	136
		Ronaldsway ...	55	Cape Wrath ...	371	Valentia ...	45

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

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

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

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

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

Direction (Compass Points)	Exact in degrees	Code figures dd	Direction (Compass Points)	Exact in degrees	Code figures 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 ¼ or less of the sky throughout the appropriate period.	3 = Sandstorm, duststorm or drifting snow.
1 = Cloud covering more than ¼ of the sky during part of the appropriate period and covering half or less during part of the period.	4 = Fog or thick haze.
2 = Cloud covering more than ½ of the sky throughout the appropriate period.	5 = Drizzle.
	6 = Rain.
	7 = Snow, or rain and snow mixed.
	8 = Shower(s).
	9 = Thunderstorm(s) with or without precipitation.

Table 5.—Code for Present Weather (ww)

00-19 No precipitation at time of observation.	00	Cloud development not observed	Characteristic change of the state of sky during the past hour.	30-39 Duststorms, sandstorms or drifting snow.	30		has decreased during preceding hour. no appreciable change during preceding hour. has increased during preceding hour. has decreased during preceding hour. no appreciable change during preceding hour. has increased during preceding hour.	70-79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes.	slight at time of observation. moderate at time of observation. heavy at time of observation.
	01	Clouds generally dissolving or becoming less developed.			31	Slight or moderate dust-storm or sand-storm.			71	Continuous fall of snow flakes.	
	02	State of sky on the whole unchanged.			32				72	Intermittent fall of snow flakes.	
	03	Clouds generally forming or developing.			33				73	Continuous fall of snow flakes.	
	04	Visibility reduced by smoke, e.g. veldt or forest fire, industrial smoke or volcanic ashes.			34	Severe dust-storm or sand-storm.			74	Intermittent fall of snow flakes.	
	05	Haze.			35				75	Continuous fall of snow flakes.	
	06	Widespread dust in suspension in the air, not raised by wind, at or near the station at the time of observation.			36	Slight or moderate drifting snow.			76	Ice needles (with or without fog).	
	07	Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust devil(s), and no dust-storm or sand-storm seen.			37	Heavy drifting snow.			77	Granular snow (with or without fog).	
	08	Well developed dust devil(s) seen at or near the station within last hour, but no dust-storm or sand-storm.			38	Slight or moderate drifting snow.			78	Isolated starlike snow crystals (with or without fog).	
	09	Dust-storm or sand-storm within sight of the station or at the station during the last hour.			39	Heavy drifting snow.			79	Ice pellets.	
	10	Mist.††			40-49 Fog at time of observation.	40	Fog at a distance at the time of observation, but not at the station during the last hour, the fog extending to a level above that of the observer.	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 soft or small hail with or without rain or rain and snow-mixed.	
	19	Funnel cloud(s).†				49	Fog, depositing hard rime, sky not discernible.		89	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.	
20-29 Precipitation, fog or thunderstorm at station in past hour but not at time of observation.	20	Drizzle (not freezing).	Not falling as shower(s).	50-59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.	slight at time of observation. moderate at time of observation. thick at time of observation.	91-99 Precipitation with current or recent thunderstorm.	91	Slight rain at time of observation.	thunderstorm at time of observation.
	21	Rain (not freezing).			51	Drizzle, not freezing, continuous.			92	Moderate or heavy rain at time of observation.	
	22	Snow.			52	Drizzle, not freezing, intermittent.			93	Slight snow, or rain and snow mixed at time of observation.	
	23	Rain and snow.			53	Drizzle, not freezing, continuous.			94	Moderate or heavy snow, rain and snow mixed or hail at time of observation.	
	24	Freezing drizzle or freezing rain.			54	Drizzle, not freezing, intermittent.			95	Thunderstorm, slight or moderate, without hail but with rain and/or snow at time of observation.	
	25	Shower(s) of rain.			55	Drizzle, not freezing, continuous.			96	Thunderstorm, slight or moderate, with hail at time of observation.	
	26	Shower(s) of snow, or of rain and snow.			56	Drizzle, freezing, slight.			97	Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation.	
	27	Shower(s) of hail, or of hail and rain.			57	Drizzle, freezing, moderate or thick.			98	Thunderstorm combined with duststorm or sandstorm at time of observation.	
	28	Fog.			58	Drizzle and rain, slight.			99	Thunderstorm, heavy, with hail at time of observation.	
	29	Thunderstorm (with or without precipitation).			59	Drizzle and rain, moderate or heavy.					
	60	Rain, not freezing, intermittent.		60-69 Rain at time of observation.	60	Rain, not freezing, intermittent.	slight at time of observation. moderate at time of observation. heavy at time of observation.				
	61	Rain, not freezing, continuous.			61	Rain, not freezing, continuous.					
	62	Rain, not freezing, intermittent.			62	Rain, not freezing, intermittent.					
	63	Rain, not freezing, continuous.			63	Rain, not freezing, continuous.					
	64	Rain, not freezing, intermittent.			64	Rain, not freezing, intermittent.					
	65	Rain, not freezing, continuous.			65	Rain, not freezing, continuous.					
	66	Rain, freezing, slight.			66	Rain, freezing, slight.					
	67	Rain, freezing, moderate or heavy.			67	Rain, freezing, moderate or heavy.					
	68	Rain or drizzle, and snow, slight.			68	Rain or drizzle, and snow, slight.					
	69	Rain or drizzle and snow, moderate or heavy.			69	Rain or drizzle and snow, moderate or heavy.					

The expression "at the station" refers to a land station or a ship.

† Tornado cloud or water spout.

†† Will be used only when visibility is reported as 10 or more and obscuration is due to water particles.

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)	Table 11.—Code for Type of Cloud (C)	Table 12.—Code for Height of Cloud (h _h h _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. 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. 7 = Decreasing (steadily or unsteadily). 8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.	0 = Cirrus (Ci). 1 = Cirrocumulus (Cc). 2 = Cirrostratus (Cs). 3 = Altocumulus (Ac). 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.	Code figures 01–50 = cloud height in 100s of feet. Code figures 56–80, subtract 50 for cloud height in 1,000s of feet. CODE FIGURES 81–89 81 = 35,000 feet 82 = 40,000 " 83 = 45,000 " 84 = 50,000 " 85 = 55,000 " 86 = 60,000 " 87 = 65,000 " 88 = 70,000 " 89 = above 70,000 feet CODE FIGURES 90–99* 90 = less than 150 feet 91 = 150–300 " 92 = 300–600 " 93 = 600–1,000 " 94 = 1,000–2,000 " 95 = 2,000–3,000 " 96 = 3,000–5,000 " 97 = 5,000–6,500 " 98 = 6,500–8,000 " 99 = 8,000 feet or higher or no low clouds. * Only used when cloud height cannot be determined with greater accuracy.

Table 14.—Code for Direction in which Ship has moved (D _s)	Table 15.—Code for Speed of Ship (v _s)	Table 16.—Code for Period of Waves (P _w)	Table 17.—Code for Mean Maximum Height of Waves (H _w)
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.	0 = kt. 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	2 = sec. 3 = <5 4 = 5–7 5 = 7–9 6 = 9–11 7 = 11–13 8 = 13–15 9 = 15–17 0 = 17–19 1 = 19–21 x = Calm or period of waves not determinable.	50 added to d _w d _w m. ft. m. ft. 0 = <½ <1 1 = ½ 1½ 2 = 1 3 3 = 1½ 5 4 = 2 6½ 5 = 2½ 8 6 = 3 9½ 7 = 3½ 11 8 = 4 13 9 = 4½ 14 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 1½ m. and 1¾ m. (4 ft. and 5½ ft.). (ii) Waves whose heights are greater than 9½ m. (31 ft.) are reported by coding H _w as 9 and adding after the code group the word WAVE and the actual height in metres or feet; e.g., Wave 40 ft. (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 ⅛ covered. ⊙ Sky ¼ covered. ⊕ Sky ⅜ covered. ⊗ Sky ½ covered.
 ⊕ Sky ⅜ covered. ⊗ Sky ½ covered. ⊗ Sky ¾ covered. ⊗ Sky ¾ covered. ⊗ Sky obscured.

WEATHER SYMBOLS

● Rain. ☉ Drizzle. ✕ Snow. ✕ Sleet. △ Hail.
 ∇ Shower. ⚡ Thunderstorm. T Thunder. ≡ Fog. = Mist.

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

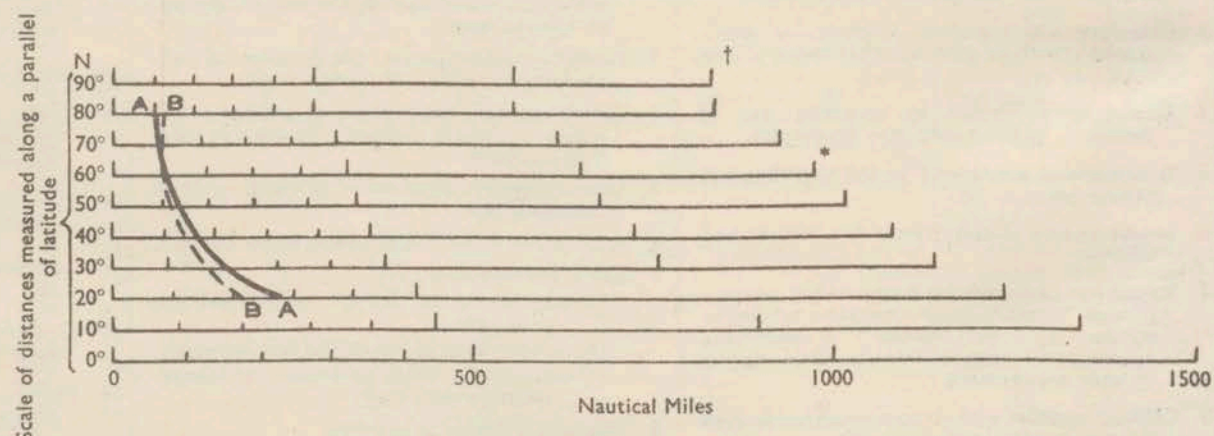
— = Warm Front on the surface. — = Warm Front above the ground.
 — = Cold Front on the surface. — = Cold Front above the ground.
 — = Occluded Front (or Occlusion). — = Lines of Frontogenesis.
 Short strokes across the frontal line indicate Frontolysis.

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

N.B.—Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Weather Map. An introduction to Modern Meteorology" (3rd Edition, 1939), to be purchased from H.M. Stationery Office, York House, Kingsway, W.C.2, price 4s. 2d. post free.

6. COMBINED DISTANCE AND GEOSTROPHIC WIND SCALE

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



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

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

For geostrophic wind speed of 20 knots, with surface pressure 1013.2 mb and temperature 59° F., the distance between consecutive 4 mb isobars is measured from the left hand extremity of the scale to AA for E-W motion and to BB for N-S motion.

Cloudy, with temperatures above average. Fairly dry in England and east Scotland.

The first half of October was anticyclonic over most of the country with an absolute drought in parts of England, but the second half was generally changeable.

At the beginning of the month an anticyclone, which had moved quickly from Greenland, settled southwest of Ireland. Over Scotland and Northern Ireland, on the outskirts of the anticyclone, there was light rain and drizzle during the first week (and gales in Scotland on 2nd and 3rd), but England and Wales were mainly dry, with light winds and temperatures a little above average.

Towards the end of the week the anticyclone moved to the Continent, but most of the British Isles was left in a weak pressure gradient. From 7th to 15th early morning fog was fairly widespread over England and Wales and rainfall was negligible. Day-time temperatures were mostly in the sixties (and reached 70° at Chivenor on 10th) and there was little frost at night in any part of the country. In Scotland and Northern Ireland this second week was cloudy and at times rather warm, and there was a little rain on most days.

The spell of settled weather ended by the early hours of 16th and at many places in England the greater part of the month's rainfall occurred between 16th and 18th. The breakdown began with the arrival of cold fronts which were followed by strong

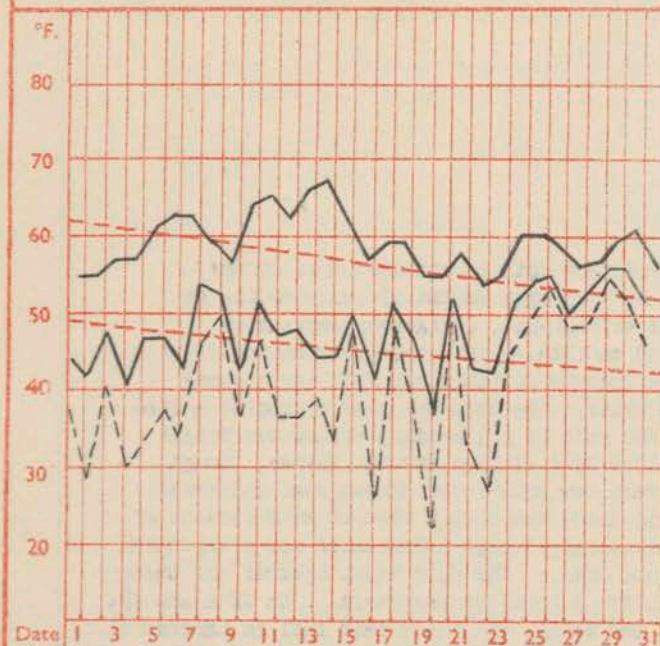
westerly winds at high levels. Over 20 mm. of rain fell in various parts of the country on 16th, a notable fall being 28 mm. at Aberporth in the 12 hours ending at 09h. on 16th. With the westerly regime well established, a vigorous depression moved east across Ireland and northern England on 17th, with a trough extending northwards from it. There were similar developments on 18th, but 19th was a sunny day followed by a night of widespread ground frost. On 20th and 21st a frontal system moved southeast across the country, giving some rain in all areas. After two bright but showery days this, too, was followed on 23rd by a similar frontal system, though rainfall was small. On this occasion, however, the cold front slowed down and waves moved northeast along it on 24th and 25th, and there was cloudy weather with periods of rain in all areas. Rainfall amounts were not large, though Eskdalemuir was exceptional with 66 mm in 48 hours ending on the morning of 26th. The cold front cleared the country on 26th, only to be followed the same day by fronts from the northwest. On 28th and 29th there was scarcely any sunshine over England and Wales, and heavy rain fell in Lancashire, the Isle of Man and North Wales. Widespread gales developed on the last day of the month as a deep depression moved from Denmark Strait to north Scotland, and gusts of over 70 knots were reported from the Hebrides during the night.

Over most of the country temperatures were above the average for October, though at Eskdalemuir the maximum at no time exceeded 58°. Sunshine was below average generally and rainfall was deficient over east Scotland and much of England.

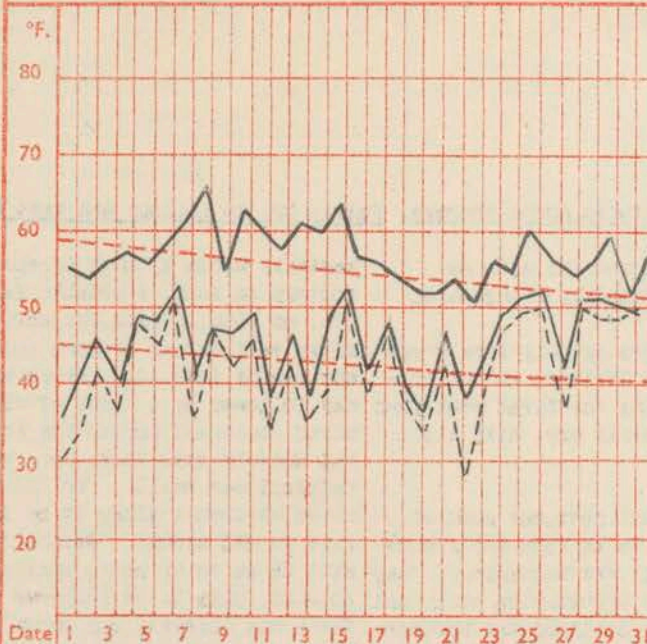
PLACE	TEMPERATURE												SUNSHINE						RAINFALL										Days with thunder	Days with snow or sleet	Days with fog (Vis. < 220 yds at 09 h.)								
	Mean maximum	Difference from average		Mean minimum	Difference from average		Highest maximum	Date	Lowest maximum	Date	Highest minimum	Date	Lowest minimum	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.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.					
KEW	59.1	+1.6	47.9	+2.0	67	14	54	22	56	{29 30	36	20	5	0	6	9.5	2	95	100	1881	153	1921	50	1894	22	17	16	47	68	1856	156	1865	4	1947	0	0	1		
TANGMERE	60.2	+1.6	46.4	+1.6	66	14	54	22	56	30	32	20	2	1	4	10.2	2	108	90	1916	172	1919	70	1934	21	14	17	44	48	1944	202	1949	17	1950	0	0	0		
GORLESTON	57.0	-0.3	48.1	+0.7	63	6	52	22	56	{30 30	37	20	0	0	8	8.4	{2 2	93	82	1908	183	1920	71	1932	19	10	18	32	43	1914	158	1939	7	{1920 1947	0	0	1		
CARDINGTON	59.6	-	44.5	-	67	{10 14	52	22	55	{29 30	32	20	4	1	7	8.0	4	93	-	-	-	-	-	-	16	9	16	41	-	-	-	-	-	-	0	0	1		
BOSCOMBE DOWN	58.9	+1.9	46.1	+2.8	67	14	52	22	55	{11.13 29.30	32	20	3	1	6	5.3	14	94	90	1932	140	1951	77	1946	20	14	17	61	79	1931	179	1949	11	1947	0	0	0		
ROSS-ON-WYE	58.7	+1.8	46.2	+1.9	66	15	52	{22 22	57	29	36	20	3	0	6	8.2	1	70	72	1914	156	1919	39	1915	18	5	17	33	40	1859	216	1907	10	1947	0	0	7		
RHOOSE (CARDIFF)	57.8	-	46.0	-	63	{11 13	53	22	55	{25.26 29.30	38	{19.20 19.20	2	0	6	9.1	1	77	-	-	-	-	-	-	17	17	31	97	-	-	-	-	-	-	0	0	4		
PLYMOUTH	59.3	+1.1	49.2	+0.6	66	15	55	{22 27	56	{13 26	35	20	3	0	7	10.0	1	109	96	1921	149	1921	78	1954	18	20	17	71	70	1948	190	1949	38	1951	0	0	0		
ELMDON	57.2	+0.9	45.1	+2.4	64	{10.14 13	52	{8.20 22	55	30	32	12	5	1	7	7.6	15	70	71	1928	113	1931	66	1940	20	7	16	28	41	1933	149	1949	11	1947	0	0	1		
VALLEY	57.4	+0.9	49.1	+0.3	65	8	52	19	56	25	38	1	1	0	10	8.9	13	80	78	1913	140	1951	57	1954	15	17	29	98	103	1946	157	1954	9	1947	0	0	1		
MANCHESTER	56.9	+1.7	45.4	+2.7	66	8	51	22	53	7	36	1	2	0	7	8.4	8	80	100	1945	112	1951	65	1954	16	14	29	74	94	1929	167	1932	14	1946	1	0	0		
WATNALL	56.5	+0.6	45.0	+2.5	65	15	51	{20 30	51	{24.25 30	33	20	3	0	9	7.0	19	65	68	1934	109	1936	63	1937	20	8	21	41	55	1911	131	1913	7	1947	0	0	1		
DISHFORTH	57.5	+1.9	46.3	+1.5	64	13	51	9	54	26	33	20	1	0	4	9.0	3	90	101	1945	115	1956	63	1946	15	15	29	62	100	1947	92	1954	12	1947	0	0	3		
TYNEMOUTH	55.7	+0.9	46.6	+0.5	63	15	50	{28 28	55	26	38	20	0	0	6	7.6	3	77	83	1936	122	1956	54	1946	17	12	29	42	55	1864	196	1903	8	1947	0	0	1		
ESKDALEMUIR	52.5	+0.8	40.7	+0.1	58	14	44	21	51	15	26	20	10	2	9	8.4	3	65	81	1910	119	1931	48	1940	7	46	25	197	144	1910	319	1954	12	1951	0	0	0		
RENFREW	55.2	+1.0	45.1	+2.5	61	8	49	21	54	7	34	{20.24 30	3	0	8	7.3	19	58	78	1921	102	1923	30	1940	14	15	18	93	107	1920	223	1956	20	{1946 1951	0	0	0		
LEUCHARS	56.0	+1.7	44.2	+1.7	63	5	49	28	52	{5.6 7.9	34	30	2	0	6	9.2	19	94	92	1922	139	1926	63	1940	20	16	18	36	55	1921	158	1932	5	1951	0	0	0		
DYCE	55.4	+2.4	41.2	-0.4	65	6	46	28	50	{5.13 16	33	{30 30	7	0	3	8.1	24	95	95	1925	133	1926	65	1946	14	6	27	37	44	1946	128	1955	15	1946	0	0	0		
STORNOWAY	53.0	+0.4	44.1	+0.4	60	8	45	21	54	{6 7	33	{14 30	6	0	1	6.7	16	56	73	1880	135	1898	34	1921	3	18	17	134	122	1943	193	1943	19	1946	0	0	0		
ALDERGROVE	54.4	-0.1	44.3	+0.5	63	8	48	{18 28	54	25	33	1	2	0	11	8.2	16	59	69	1927	117	1939	49	1954	13	19	18	82	108	1926	147	1954	19	1951	0	0	0		

LONDON (KEW)

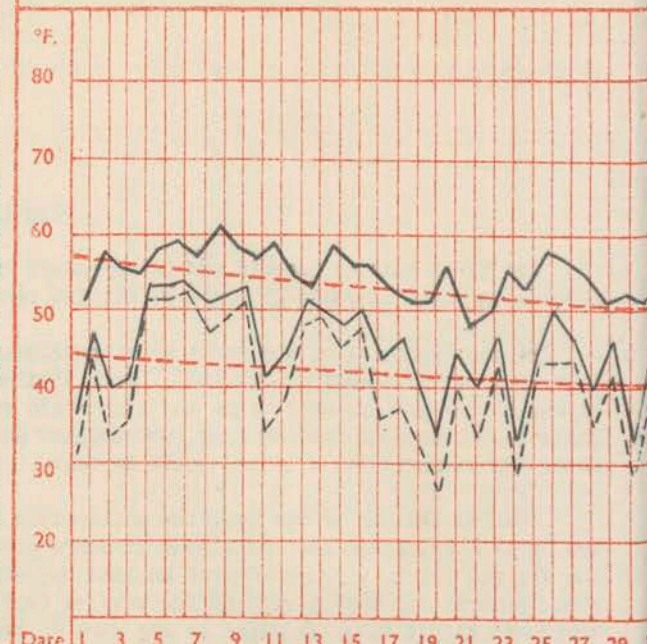
TEMPERATURE



MANCHESTER (AIRPORT)

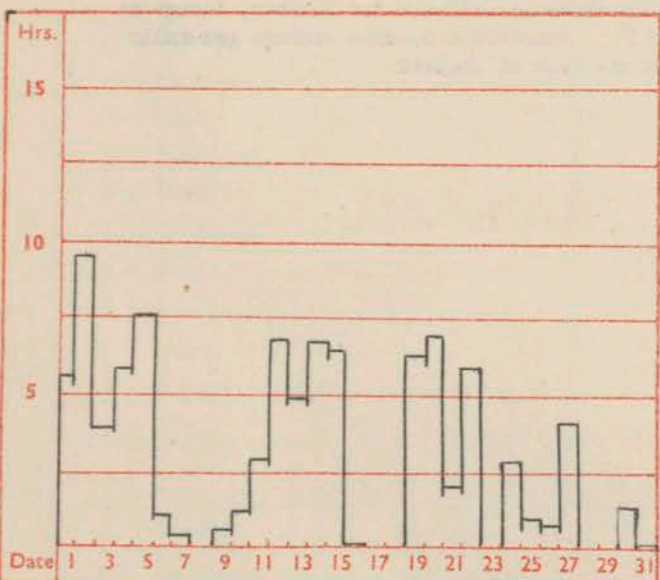


GLASGOW (RENFREW)

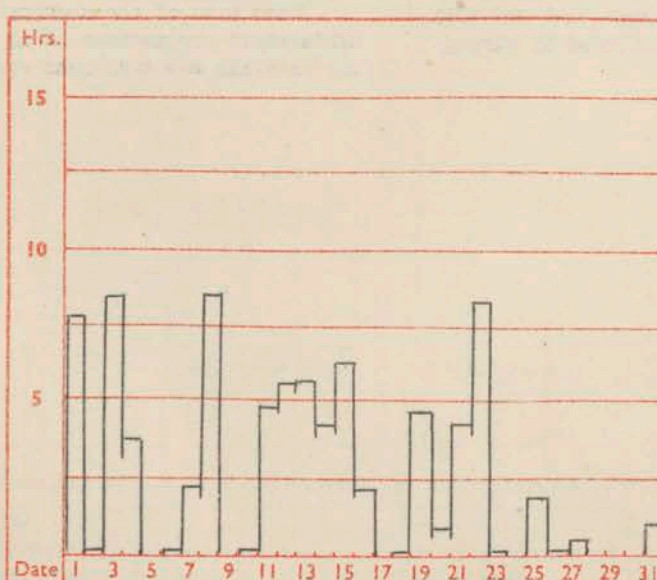


Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines. Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a dotted line. Pecked lines in red show normal values.

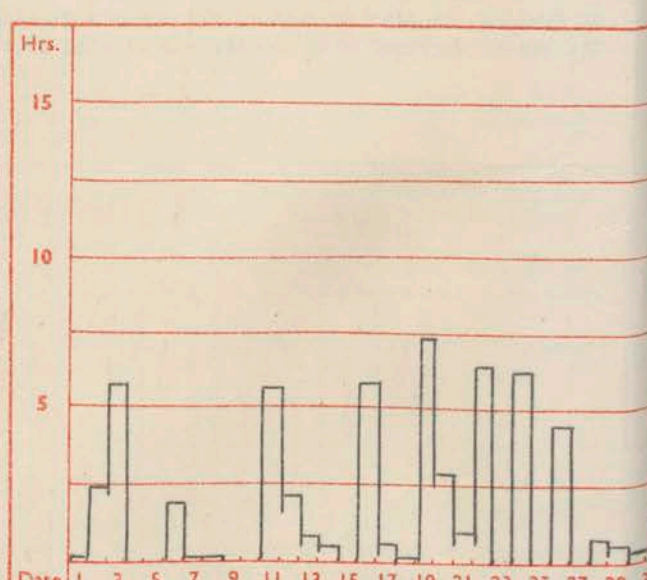
SUNSHINE



Total for month 95 hrs.
30 year (1921-1950) average 95 hrs.



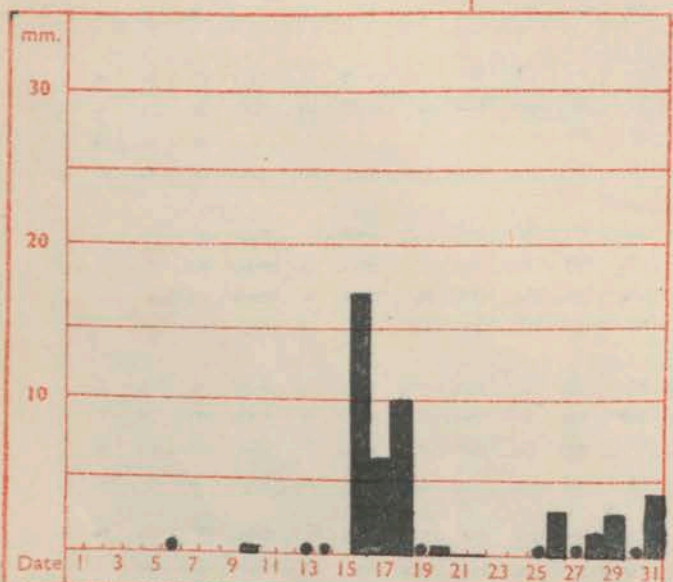
Total for month 80 hrs.
30 year (1921-1950) average 80 hrs.



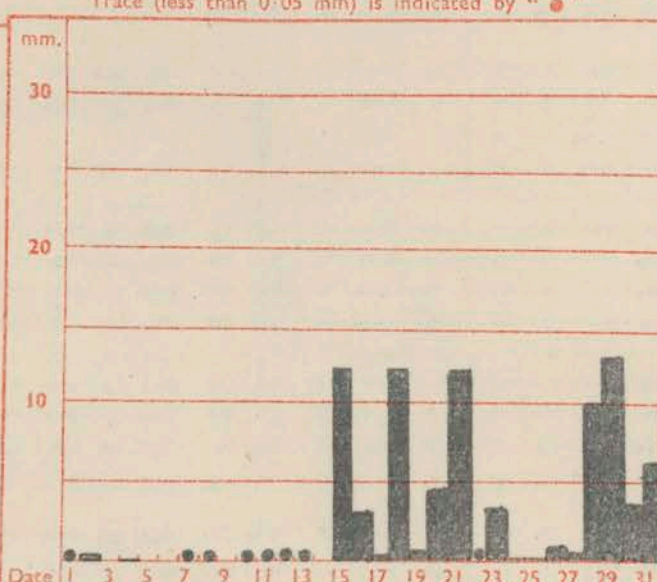
Total for month 58 hrs.
30 year (1921-1950) average 74 hrs.

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

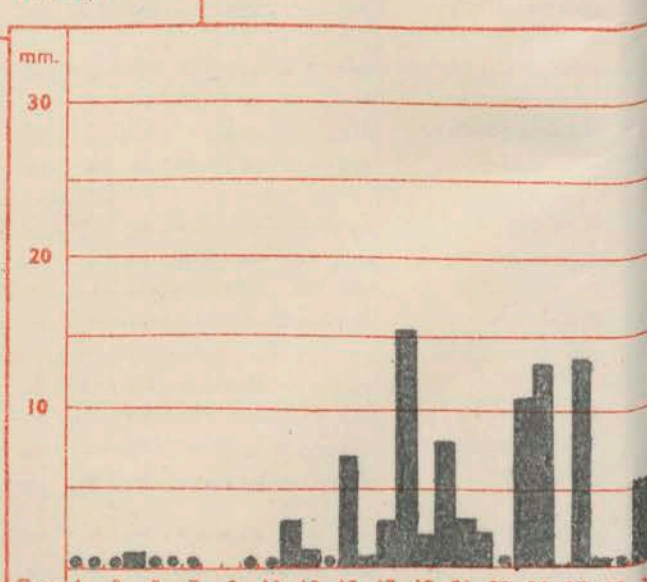
RAINFALL



Total for month 47 mm.
35 year (1881-1915) average 69 mm.



Total for month 74 mm.
35 year (1881-1915) average 79 mm.



Total for month 93 mm.
35 year (1881-1915) average 87 mm.

Corrections to Monthly Summary for September, No 21:— In last paragraph of weather summary read "At Boscombe Down the screen minima of 32°F etc. (not 30°F as printed). Esdalemuir:— Sunshine total for month 116 hrs, % of average 117: Stornoway:— Lowest minimum temperature 39° on 3rd: Kew:— Sunshine maximum duration 8.6 hrs on 27th."

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

No...

Code F.M.

Stat

Kew

London

Tangmer

Hurn

Guernsey

Felixstow

Gorleston

Mildenhall

Cardington

West Rye

Wittering

Boscombe

Ross-on-Wye

Bristol

Aberporth

Plymouth

Chivenor

St. Mawg

Culdrose

Scilly

Elmdon

Shawbury

Manchester

Squires

Valley

Ronalds

Silloth

Watnall

Spurn H.

Lindholme

Dishforth

Tynem

Eskdale

West Fr

Prestwick

Renfrew

Leuchars

Dyce

Wick

Cape W

Sule Sk

Lerwick

Stornow

Benbec

Tiree

Aldergr

Malin H

Belmull

Birr

Collinst

Kinean

Roches

Valentia

Code F

WEATH

C.V.M.

WEATH

WEATH

POLA

MEAS

U.S.

U.S.

U.S.

RANC

All

Code F.M.11.A		OBSERVATIONS at 12h. G.M.T 30th September 1957																								OBSERVATIONS at 18h. G.M.T 30th September 1957																								OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Station	Station Number	Total Cloud	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 09h. to 21h. min.	Rain 09h. to 21h. mm.	State of ground 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Direction	Speed				Present	Past	W	PPP	TT	Nh	CL	h	CM	CH			Td	Character		Change in 3 hours	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	7	32	12	6	03	2	206	52	4	5	1	5	38	6	03	4	6	50	1	3	99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

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																											
Direction	Speed					Visibility	Present	Past	Amount			Low	Height	Medium	High	Direction	Speed			Character ^c Change in 3 hours	Sea	Dew Point	Direction	Period	Height																						
Lalala	Lololo	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw																							
WEATHER WATCHER																																															
CUMULUS																																															
WEATHER EXPLORER																																															
WEATHER RECORDER																																															
POLAR FRONT																																															
MERMIOZ																																															
U.S. SHIP "B"																																															
U.S. SHIP "C"																																															
U.S. SHIP "D"																																															
RANGITATA																																															
All times of observation are in local time.																																															

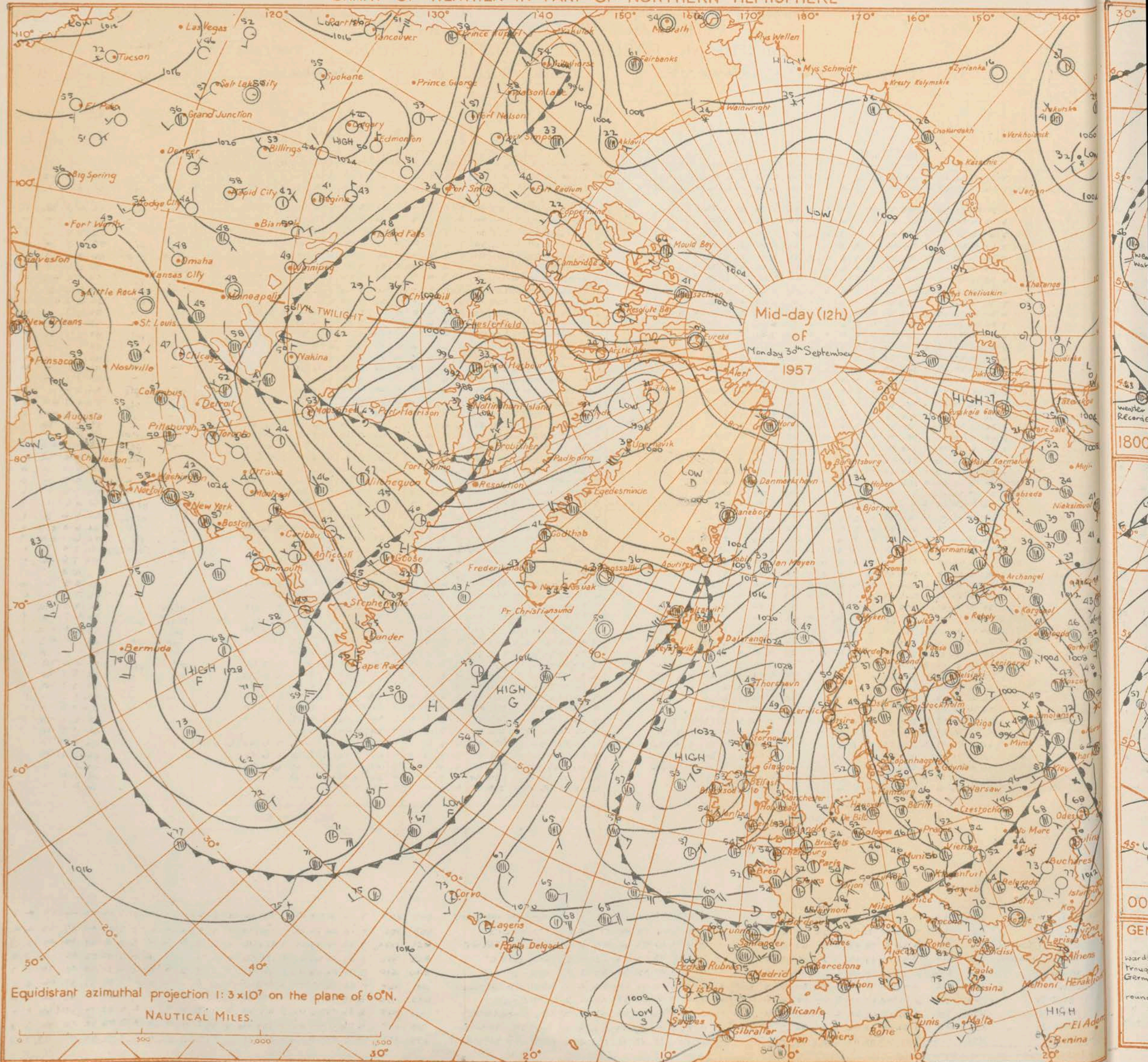
18h. Ships Reports																									
Code F.M.21.A		Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves					
Direction	Speed					Visibility	Present	Past	Amount			Low	Height	Medium	High	Direction	Speed			Character ^c Change in 3 hours	Sea	Dew Point	Direction	Period	Height
Lalala	Lololo	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw	
WEATHER WATCHER																									
CUMULUS																									
POLAR FRONT																									
U.S. SHIP "C"																									
U.S. SHIP "D"																									
WEATHER RECORDER																									
MERMIOZ																									
CITY OF CHESTER																									
BRITISH CONSUL																									
WEATHER EXPLORER																									
All times of observation are in local time.																									

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

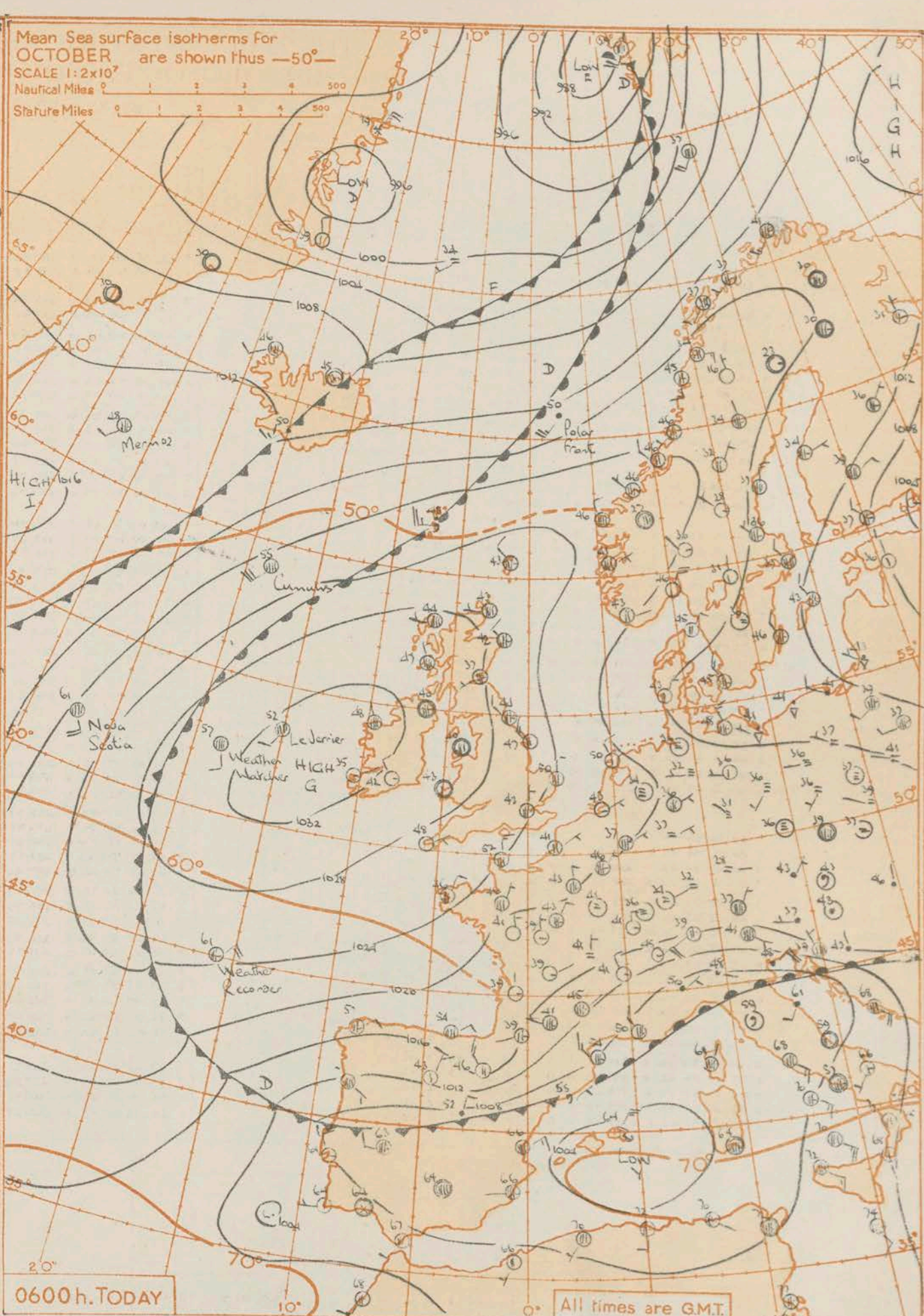
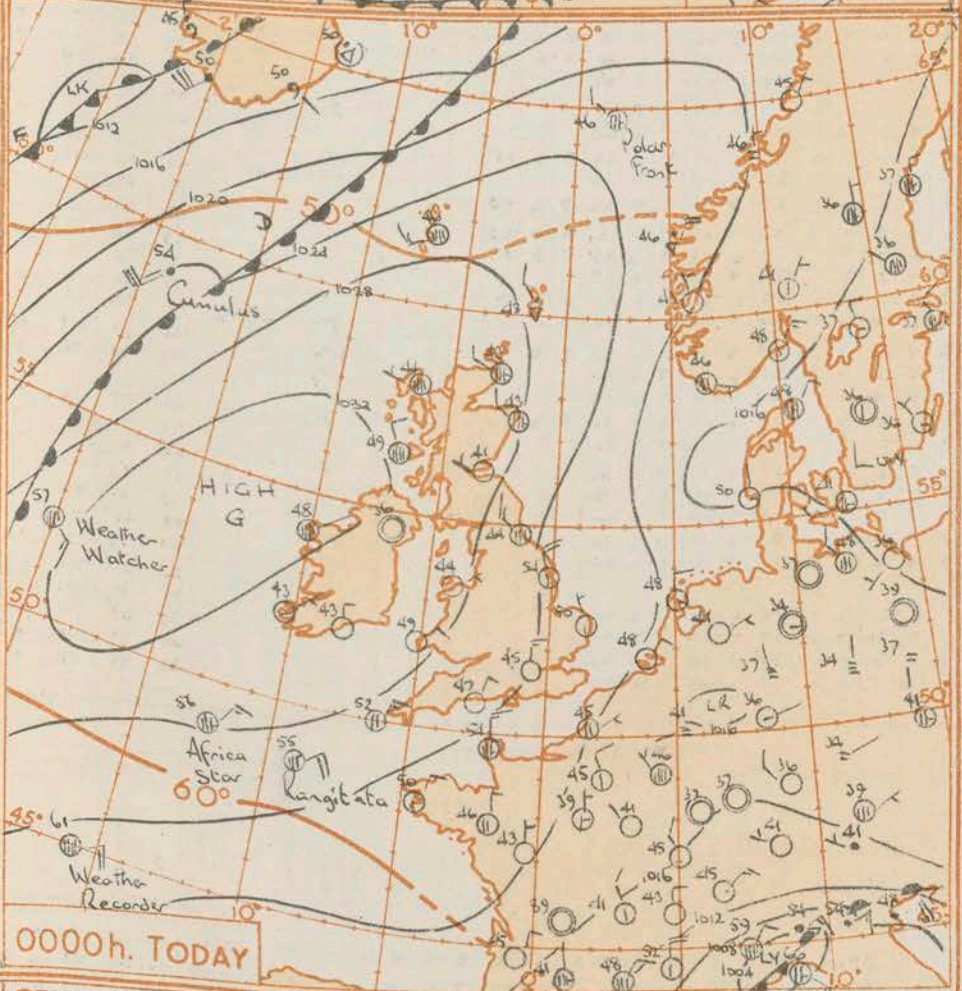
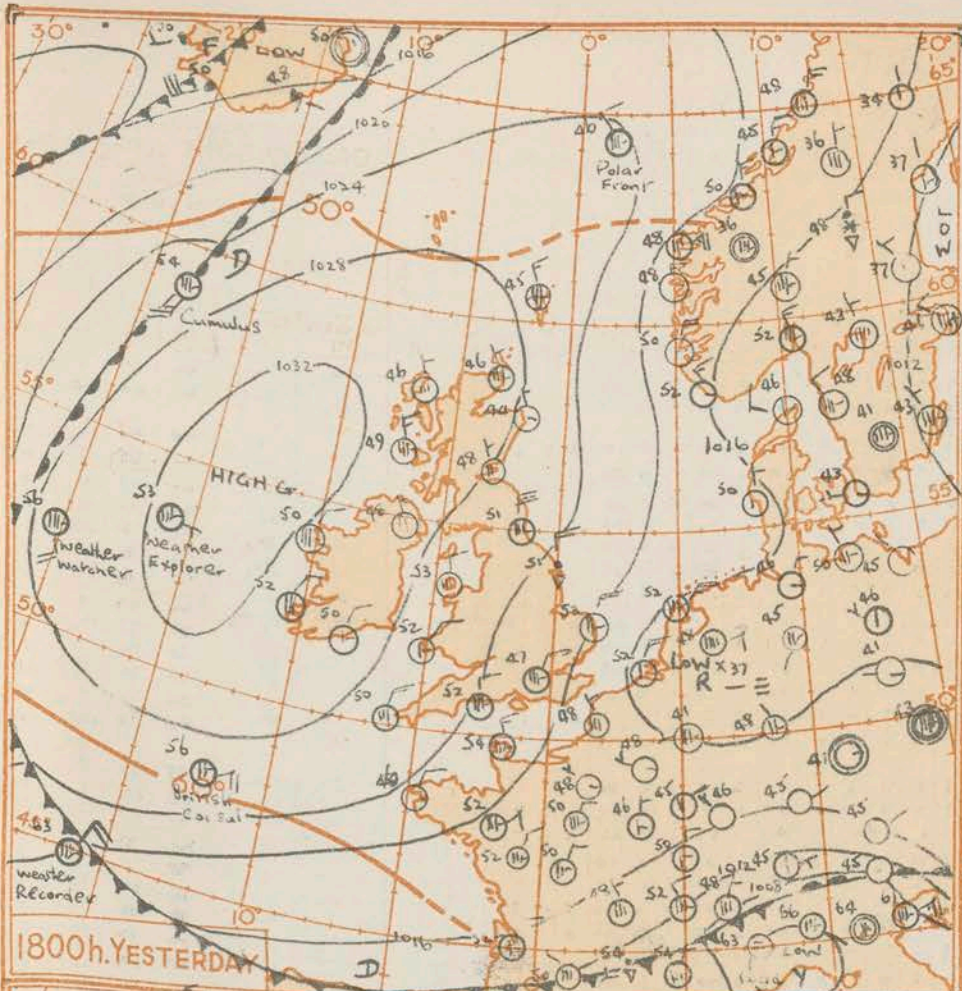
* Information not usually received

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Mean Sea surface isotherms for
OCTOBER 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 SYNOPSIS DEVELOPMENT

An anticyclone off the west coast of Ireland moved only slowly south-eastwards while a ridge to the north swung south-eastwards over Scandinavia and weakened as frontal troughs moved eastwards from Iceland towards Norway. A small depression moved southwards from the German Bight and filled while pressure fell slowly over the western Mediterranean. The anticyclone off Ireland will not move very much, but a warm front will come eastwards round its northern flank to affect northern districts of Scotland.

Issued at midday today Tuesday 1st October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Continuing showery and rather cold in east and south-east England but with bright periods. Cloudy with occasional rain or drizzle in northern and western Scotland and average temperatures. Dry and rather cold with sunny periods elsewhere.

OUTLOOK FOR the following 24 hours.

Dry with sunny periods, but rather cold in the south. Cloudy in the north, perhaps with rain at times and near average temperatures.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 1st October 1957																									OBSERVATIONS at 06h. G.M.T. 1st October 1957																									OBSERVATIONS during NIGHT								
Code FM 11.A	Station	Station Number	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar. Change in 3 hours	Cloud Layers				Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar. Change in 3 hours	Cloud Layers				Weather	Temp. 21h to 09h.		Rain 21h to 09h. m.m.	State of ground																		
			Direction	Speed	Visibility	Present			Past	Amount	Low	Height			Medium	High	Amount	Form		Height	Amount	Form	Height			Amount	Form	Height	Amount			Form	Height	Amount	Form		Height	Amount			Form	Height	Amount	Form	Height	Min. °F	Max. °F											
			N (1)	dd (2)	ff (3)	vv (4)	ww (5)	W (6)	PPP (7)	TT (8)	Nh (9)	CL (10)	h (11)	CM (12)	CH (13)	Td (14)	a (15)	pp (16)	Ns (17)	C (18)	hsht (19)	Ns (20)	C (21)	hsht (22)	Ns (23)	C (24)	hsht (25)	N (26)	dd (27)	ff (28)	vv (29)	ww (30)	W (31)	PPP (32)	TT (33)	Nh (34)	CL (35)	h (36)	CM (37)	CH (38)	Td (39)	a (40)	pp (41)	Ns (42)	C (43)	hsht (44)	Ns (45)	C (46)	hsht (47)	Ns (48)	C (49)	hsht (50)	21h. to 03h. (51)	03h. to 09h. (52)	(53)	(54)	(55)	(56)
	Kew London Airport	775								46																			7	35	67	56	02	2	251	44	7	5	5	-	-	41	2	12	7	6	20			44	37	-	1					
		772	0	36	14	62	01	8	237	45	0	0	9	0	0	43	2	06											7	36	05	61	03	1	254	43	6	6	4	-	-	41	3	10	6	7	10			42	40	TR						
	Tangmere Hurn	874	0	36	10	62	02	0	233	46	0	0	9	0	0	42	2	03											3	01	17	58	03	0	243	45	1	7	4	0	0	42	2	03	1	7	10	3	3	59			44	42	-	0		
		862	0	35	08	66	02	4	244	44	0	0	9	0	0	44	2	05											1	01	13	58	03	0	257	42	1	5	6	0	0	40	2	08	1	6	30			44	38	-	0					
	Guernsey	894	3	02	18	80	01	1	233	52	3	1	5	0	0	41	1	02	8	3	8	22							4	03	16	60	03	0	264	50	4	2	5	0	0	43	2	05	4	8	22			49	47	-	0					
	Felixstowe	697	0	34	10	61	02	8	217	44	0	0	9	0	0	41	0	05											1	33	07	61	01	1	234	46	1	8	5	0	0	43	2	11	1	8	23			43	39	-	0					
	Gorleston	497	2	34	05	69	03	8	216	50	2	3	5	0	0	48	1	05	2	9	27								6	36	10	64	25	8	231	50	6	3	5	0	0	48	2	07	6	9	26			48	45	0.6	2					
	Mildenhall	578	8	34	05	58	00	1	235	45	8	5	7	-	-	44	0	05	8	6	50								2	34	05	48	03	6	249	42	2	5	7	0	0	40	3	09	2	6	56			41	36	0.2	1					
	Cardington	559	2	02	15	65	25	8	245	47	2	5	7	0	0	44	1	03	2	6	50								2	01	10	50	03	0	260	42	1	0	9	4	0	40	2	09	1	3	60			41	36	-	1					
	West Raynham	485	6	01	16	58	61	8	221	47	4	9	4	6	0	44	1	06	9	25	4	3	61						5	36	07	63	21	6	246	47	5	8	5	-	-	43	2	10	4	8	25	3	6	50			46	43	-	1		
	Wittering	462	1	34	12	66	02	1	251	45	1	5	6	0	0	43	1	02	1	6	20								1	32	11	58	03	0	267	39	1	5	6	0	1	37	2	11	1	6	40			39	37	-	0					
	Boscombe Down	746	1	02	06	63	01	0	255	43	1	5	7	0	0	41	1	03	1	6	50								3	01	06	56	01	1	269	40	3	6	3	0	1	39	2	08	3	7	08			39	35	-	0					
	Ross-on-Wye	627																											4	01	01	57	03	0	282	39	1	5	6	5	1	36	1	05	1	6	30	4	2	62			39	31	-	0		
	Bristol	628	0	36	06	63	01	1	264	44	0	0	9	0	0	41	1	03											3	34	06	40	10	0	277	40	0	0	9	0	1	38	3	07	3	0	70			39	32	-	0					
	Aberporth	502	0	04	12	83	01	8	276	49	0	0	9	0	0	41	2	06											2	00	00	83	03	0	287	43	0	0	9	0	2	38	3	04	2	0	72			40	30	TR						
	Plymouth	827	0	05	14	62	02	0	255	49	0	0	9	0	0	41	0	04											1	03	06	61	03	0	273	46	1	1	5	3	0	41	2	10	1	8	28			45	37	-	0					
	Chivenor	707	0	05	14	66	01	1	265	49	0	0	9	0	0	44	8	01											6	00	00	66	03	1	283	39	1	5	5	0	6	39	2	11	1	6	25	6	2	70			38	29	-	0		
	St. Mawgan	817	0	05	09	74	02	8	266	46	0	0	9	0	0	41	1	07											3	06	08	66	03	0	278	44	1	1	5	0	2	40	1	08	1	8	25	3	0	70			42	37	-	0		
	Culdrose	809	1	06	06	80	02	0	265	44	1	5	6	0	0	40	2	03	1	6	30								1	03	08	80	03	0	277	42	1	0	9	3	0	39	1	09	1	3	58			41	33	-	0					
	Scilly	804	4	03	15	82	03	8	257	52	4	8	5	0	0	41	1	07	4	8	20								2	07	07	82	02	1	270	48	1	5	5	0	1	44	2	04	1	6	25			48	-	-	-	0				
	Elmdon	534	5	34	08	58	03	8	264	41	5	5	4	0	0	39	2	01	5	6	16								6	32	06	28	10	1	277	37	6	0	9	3	1	35	2	06	6	3	60	3	0	75			35	28	TR			
	Shawbury	414	0	35	10	56	10	8	278	42	0	0	9	0	0	37	2	08											5	33	07	40	04	0	290	37	1	0	9	3	9	34	2	09	1	3	65	5	1	75			36	30	-	0		
	Manchester	334	0	32	06	32	04	1	274	40	0	0	9	0	0	38	2	08											9	29	03	48	11	0	284	36	3	5	7	4	0	34	2	03	3	6	50			36	30	-	0					
	Squires Gate	318	0	36	05	61	02	0	282	45	0	0	9	0	0	39	2	06											2	04	05	61	02	0	287	40	1	5	6	0	1	37	4	00	1	6	40			38	28	-	0					
	Valley	302	0	05	07	82	01	1	284	44	0	0	9	0	0	38	2	03											6	00	00	81	03	1	291	40	4	5	6	0	1	37	2	03	4	6	25	6	0	75			38	30	-	0		
	Ronaldsway	204	1	36	08	83	02	0	290	42	1	5	6	0	0	37	2	06	1	6	40								4	02	08	83	03	0	293	41	4	8	4	4	0	38	8	02	1	8	15	4	6	40			39	35	-	0		
	Silloth	214	1	00	00	61	02	0	272	41	1	5	6	0	0	38	1	05	1	6	40								7	00	00	74	03	2	295	39	7	5	6	-	-	37	1	01	1	6	30	7	6	40			36	29	-	0		
	Watnall	354	0	36	12	58	02	0	262	44	0	0	9	0	0	41	1	06											9	33	10	48	03	0	275	41	4	0	7	3	0	38	2	02	4	3	62			40	34	TR						
	Spurn Head	396	2	34	20	60	01	8	238	54	2	8	5	0	0	45	1	03	2	6	20								4	30	77	56	03	1	246	47	4	3	4	0	0	47	2	04	4	9	15			44	-	-	TR					
	Lindholme	362	0																																																							

00h. Ships Reports

Code F.M. 21.A		Wind		Weather		Bar		Temp.		Waves	
Ship	LAT. LONG.	Total Cloud		Direction		Speed		Visibility		Present	
		Direction	Speed	Direction	Speed	Direction	Speed	Direction	Speed	Direction	Speed
		N (1)	dd (2)	ff (3)	vv (4)	ww (5)	W (6)	PPP (7)	TT (8)	Nh (9)	CL (10)
CUMULUS	593 183	8	20	20	65	60	2	242	54	8	5
WEATHER WATCHER	525 198	8	16	7	98	02	2	205	57	8	5
WEATHER RECORDER	451 161	8	08	22	98	02	2	234	61	8	8
POLAR FRONT	649 026	7	30	11	99	02	2	214	46	7	5
HERMOS	622 324	6	19	08	65	03	1	153	48	6	5
WEATHER EXPLORER	533 172	7	11	11	98	02	2	320	55	7	5
U.S. SHIP 'C'	528 355	8	02	22	65	61	6	132	54	8	0
U.S. SHIP 'D'	440 410	2	25	10	69	01	8	098	61	2	2
RANQITATA	487 089	6	05	18	99	02	2	243	55	6	5
AFRICA STAR	491 127	7	03	13	99	02	2	298	56	7	8

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	Change in 3 hours	Sea	Dew Point	Direction	Period
	Lat ^h Lat ^m	Lo ^h Lo ^m	N	dd	#	VV	ww	VV	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	#	pp	TsTs	TdTd	dwdw	Pw			
COLUMBUS	592	183	8	21	31	65	02	2	219	55	8	5	5	-	-	5	1	7	12	01	52	18	4			
WEATHER WATCHER	329	186	8	71	11	78	02	2	308	57	8	5	6	-	-	1	3	2	08	52	45	14	4			
WEATHER RECORDER	450	162	7	05	20	98	02	2	242	61	7	5	5	-	-	0	3	2	08	53	54	07	4			
POLAR FRONT	658	019E	8	22	26	97	62	2	123	50	6	7	3	2	-	8	3	7	20	00	45	27	5			
HERMOS	623	324	7	21	12	60	03	2	139	48	7	3	3	-	-	0	0	6	48	00	45	33	4			
WEATHER EXPLORER	528	185	2	20	14	98	02	2	302	56	8	5	6	-	-	5	3	7	13	52	43	49	4			
U.S. SHIP 'C'	528	335	8	05	14	65	50	6	109	56	8	7	5	-	-	0	0	6	07	02	55	04	2			
U.S. SHIP 'D'	440	410	0	25	05	69	02	0	076	60	0	0	9	0	0	0	0	7	07	57	42	23	3			
LE VERIER	537	151	6	19	10	97	01	2	325	52	6	5	4	0	1	3	4	3	01	53	46	18	3			
NOVA SCOTIA	517	271	8	16	18	99	02	8	205	61	7	4	0	4	-	6	5	7	18	51	57	16	2			

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: wednesday 2nd October 1957

Rain 24h. to 09h. m. m.		State of sky.		OBSERVATIONS at 12h. G.M.T. 1st October 1957																												OBSERVATIONS at 18h. G.M.T. 1st October 1957																												OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Code F.M.11.A				Station		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Dew Point Temp.		Bar		Cloud Layers		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Dew Point Temp.		Bar		Cloud Layers		Weather		Max. Temp. 09h. to 21h. °F		Sunshine		Rain 09h. to 21h. mm.		State of ground 24h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
(55) (56)				Station Number		Direction		Speed		Present		Past		Amount		Low		Height		Amount		Form		Amount		Form		Amount		Form		Amount		Form		Amount		Form		Amount		Form		Amount		Form																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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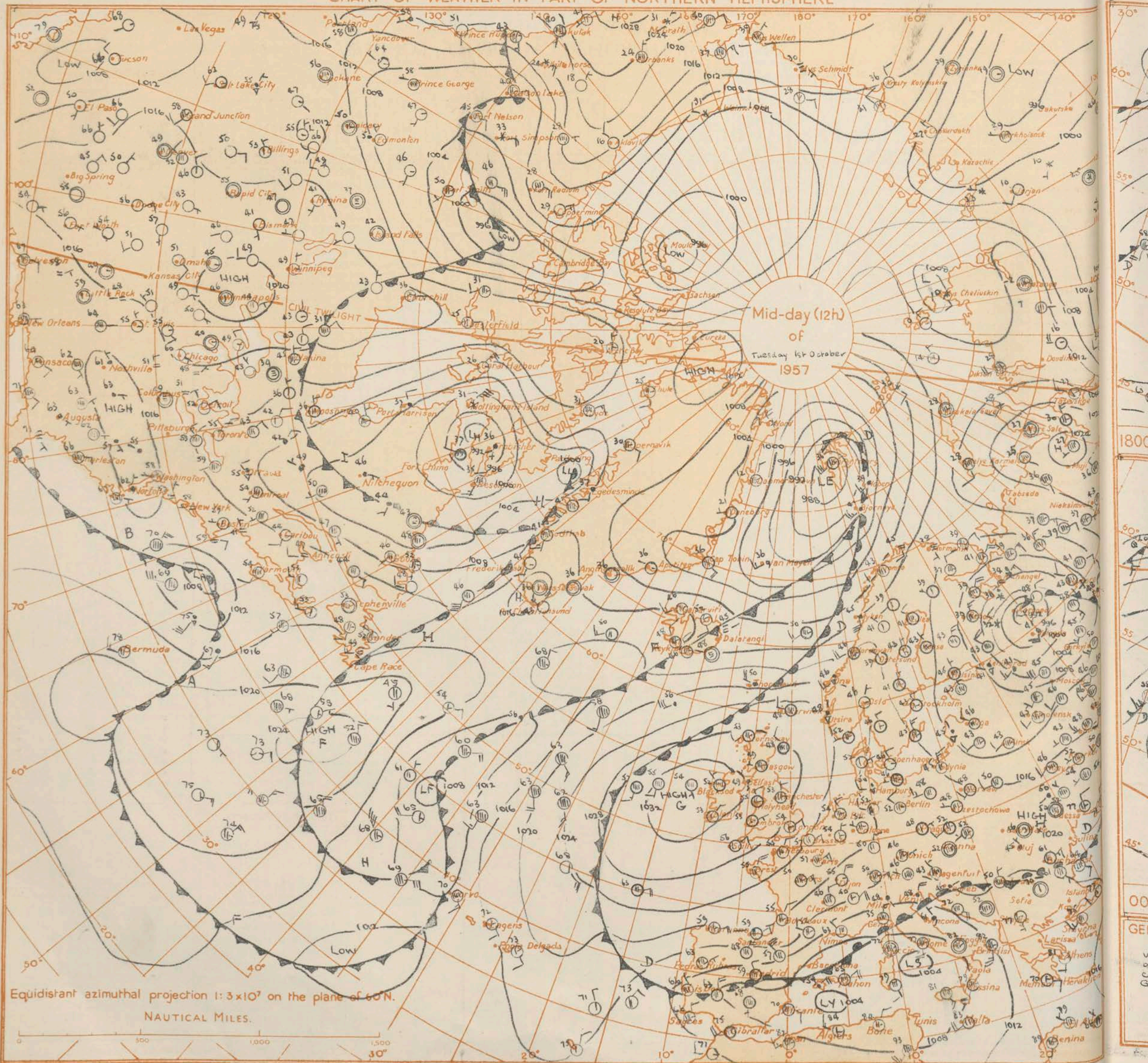
Direction Period		12h. Ships Reports																				18h. Ships Reports																																	
		Code F.M.21.A		Ship		LAT. LONG.		Total Cloud		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud			Course		Bar		Temp.		Waves			Ship		LAT. LONG.		Total Cloud		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud			Course		Bar		Temp.		Waves		
		Lalala	LoLoLo	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw	Lalala	LoLoLo	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw				
18	4	WEATHER EXPLORER	525	193	8	18	15	98	02	2	312	57	8	5	6	-	-	5	2	2	07	51	47	19	3	3	CUMULUS	591	187	8	22	26	40	02	2	201	55	8	6	2	-	-	5	1	4	00	02	54	20	4	1				
14	4	WEATHER RECORDER	592	185	8	22	32	40	61	6	201	56	6	7	2	2	-	-	5	1	6	01	52	44	18	4	6	WEATHER EXPLORER	623	197	7	12	19	98	02	2	206	62	7	5	6	-	-	4	1	5	05	00	48	20	3	3			
07	4	POLAR FRONT.	450	163	7	07	22	98	02	2	264	63	7	5	5	-	-	0	6	3	16	54	42	07	-	5	POLAR FRONT	660	020E	6	30	14	98	01	5	070	50	6	5	5	-	-	0	0	4	00	51	46	28	4	4				
27	5	MERMOS.	660	020E	7	23	13	98	01	6	081	50	7	6	2	-	-	0	0	6	19	50	46	24	4	4	WEATHER RECORDER	451	164	6	08	21	98	01	2	272	63	6	5	6	-	-	0	0	5	10	54	45	07	2	4				
33	4	U.S. SHIP "C"	623	324	6	24	16	70	01	1	143	50	4	2	5	0	0	0	0	2	01	45	22	4	3	MERMOS.	624	323	7	22	17	10	03	8	134	46	6	8	5	4	-	0	0	3	02	52	39	22	4	3					
49	4	U.S. SHIP "D"	528	335	8	02	19	67	31	5	103	56	8	6	2	-	-	0	0	4	00	04	35	03	4	4	U.S. SHIP "C"	528	356	8	00	00	3	10	4	110	59	5	5	5	7	-	0	0	2	07	00	56	22	4	4				
04	2	U.S. SHIP "B"	440	410	4	34	04	69	15	8	086	61	3	2	5	3	0	0	0	2	10	56	45	26	4	6	U.S. SHIP "D"	441	410	7	25	04	59	81	8	068	54	7	2	5	0	0	2	0	2	05	64	53	27	4	8				
23	3	WEATHER WATCHER	536	510	6	16	38	69	02	2	112	40	3	0	9	7	1	0	0	2	03	01	16	3	6	WEATHER WATCHER	536	510	3	18	10	98	15	1	333	54	2	8	5	3	1	2	4	2	05	64	47	49	-	2					
13	3	LAURENTIA	528	134	8	14	04	97	02	2	339	54	8	5	6	-	-	3	4	2	09	33	42	09	5	1	LAURENTIA	528	134	8	14	04	97	02	2	281	56	8	0	9	7	-	2	5	2	05	60	53	20	-	6				
13	3	WEATHER WATCHER	533	168	8	18	09	98	02	2	327	55	8	5	6	-	-	2	4	2	10	53	43	49	-	2	TECTUS	458	158	7	05	24	98	02	2	274	61	7	5	4	-	-	1	5	2	08	54	49	05	-	5				
All times of observation are in local time.																																																							

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

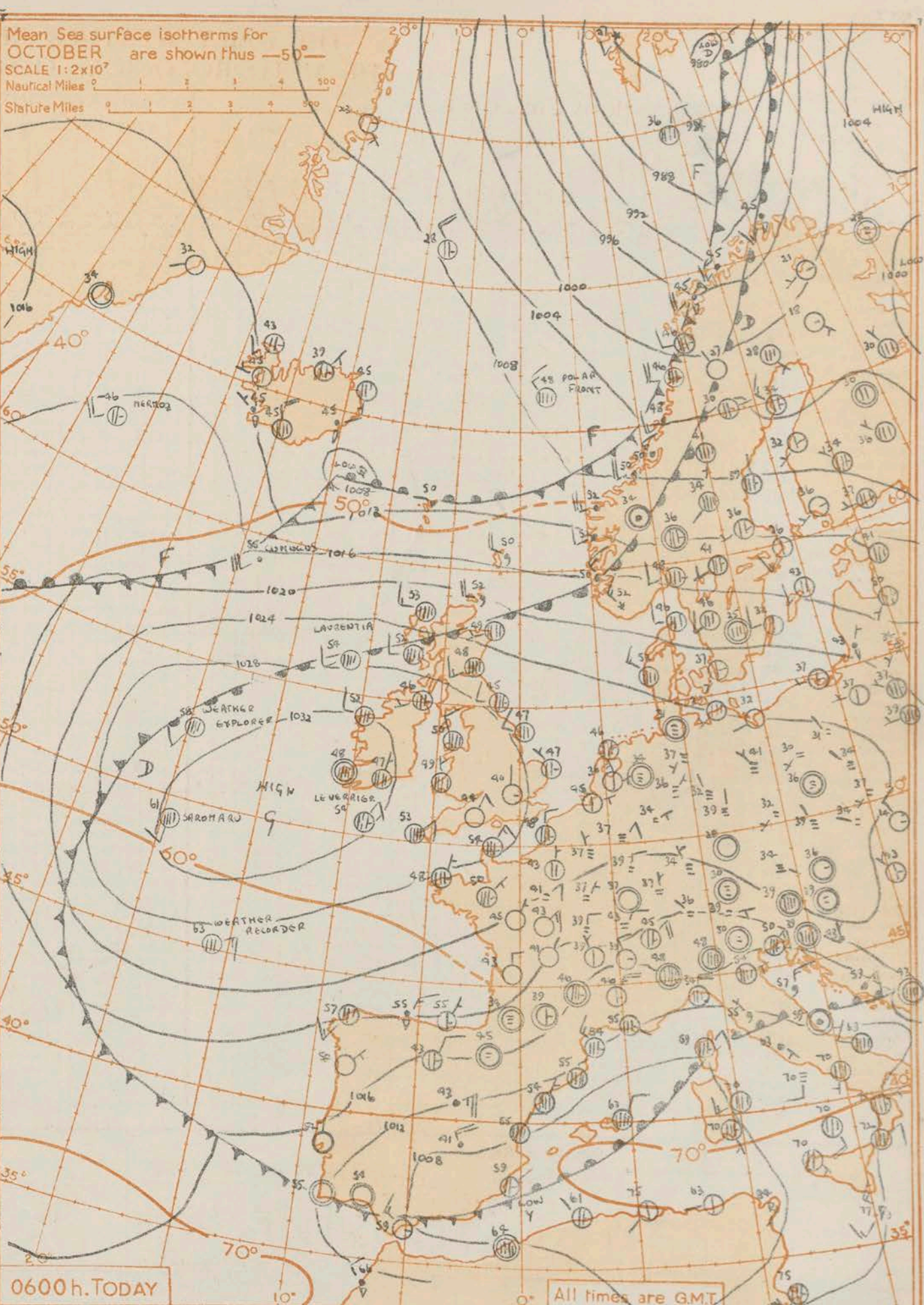
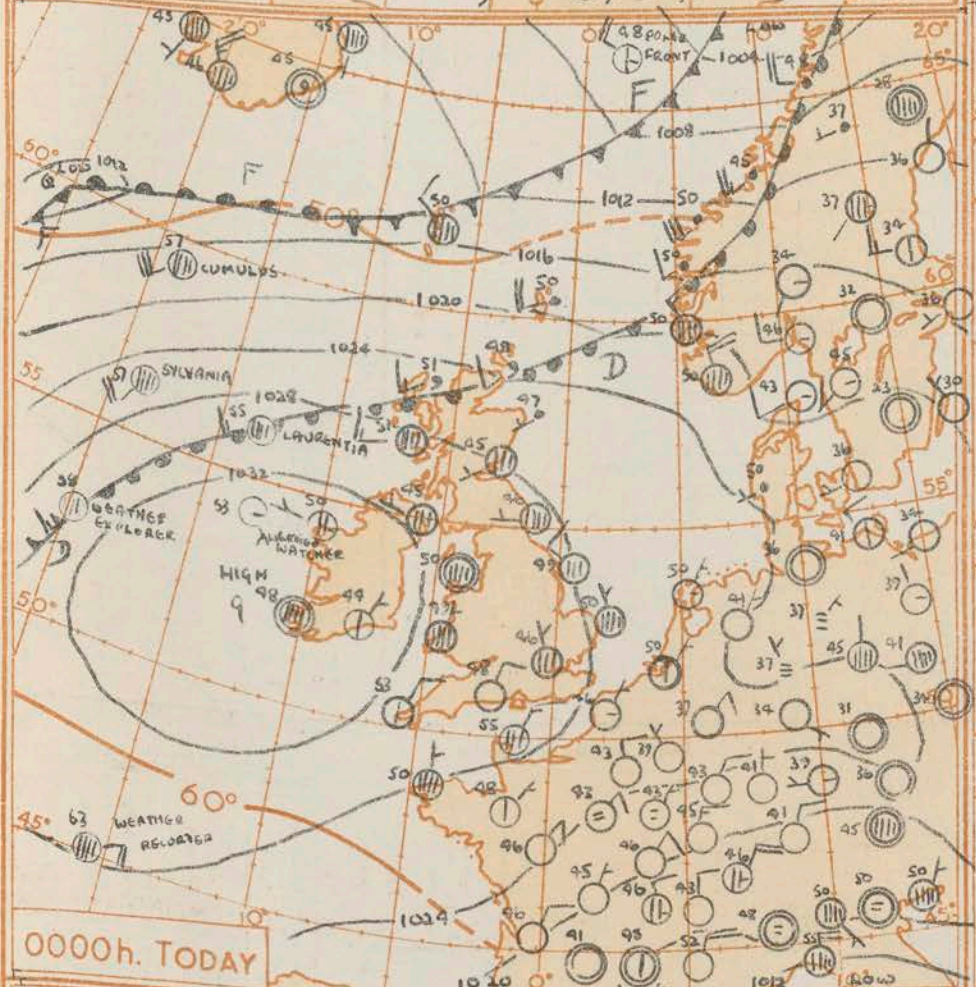
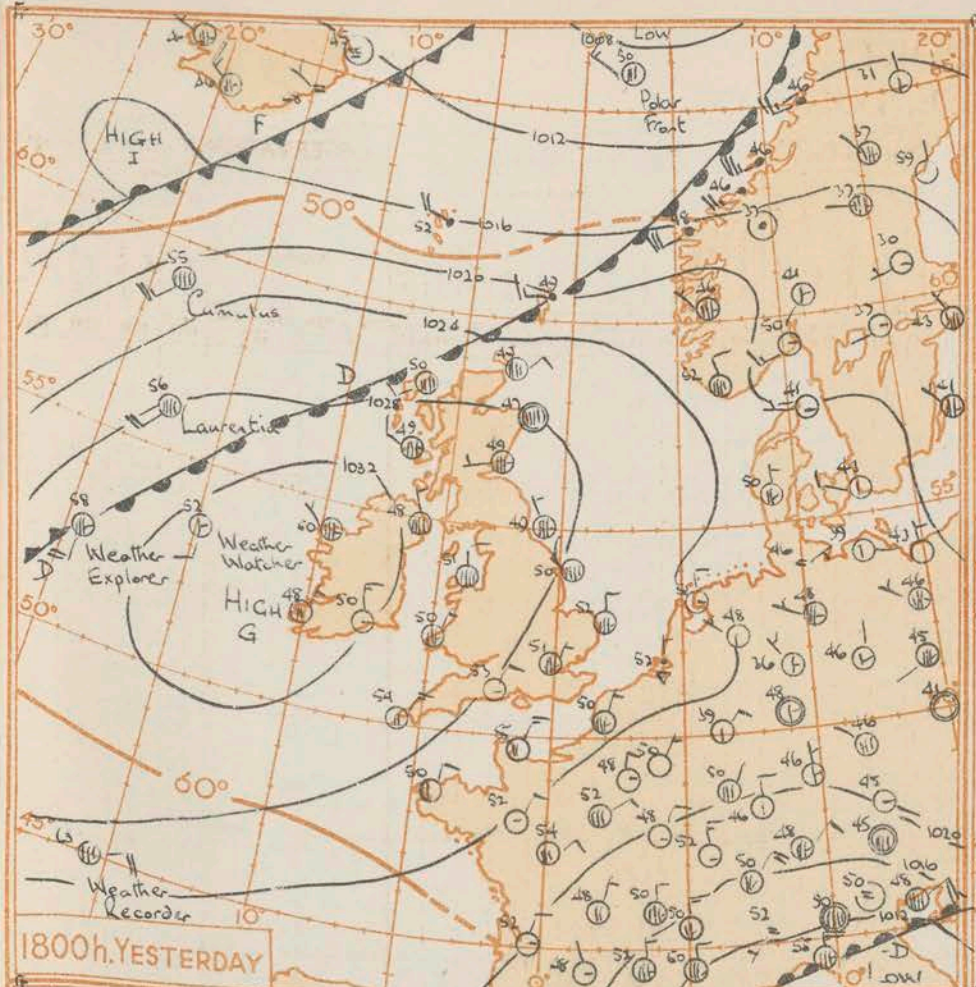
* Information not usually received.

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Mean Sea surface isotherms for
OCTOBER 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 G.M.T.

GENERAL SYNOPSIS DEVELOPMENT

The anticyclone to west of Ireland has not moved very much in the last 24 hours but is now expected to recede gradually southwest or west. A depression to south of Ireland will move eastwards and deeper, with a cold front pushing southwards into northern Scotland and the anticyclone over southern Greenland and Denmark Strait will move east and intensify.

Issued at midday today Wednesday 2nd October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Over England and Wales the weather will be mostly dry; there will be sunny periods in the south but considerable cloud in the north. Over Scotland and Northern Ireland it will be mostly cloudy; occasional rain or drizzle is likely especially in north and west Scotland, but colder brighter weather is likely to reach north Scotland tomorrow.

OUTLOOK FOR the following 24 hours

Rain and drizzle spreading from Scotland and Northern Ireland across north and east England and north Wales but little rain likely in southwest England; colder and brighter weather likely to reach north Scotland tomorrow.

No.

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* Information not usually received

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue. Thursday, 3rd October 1957

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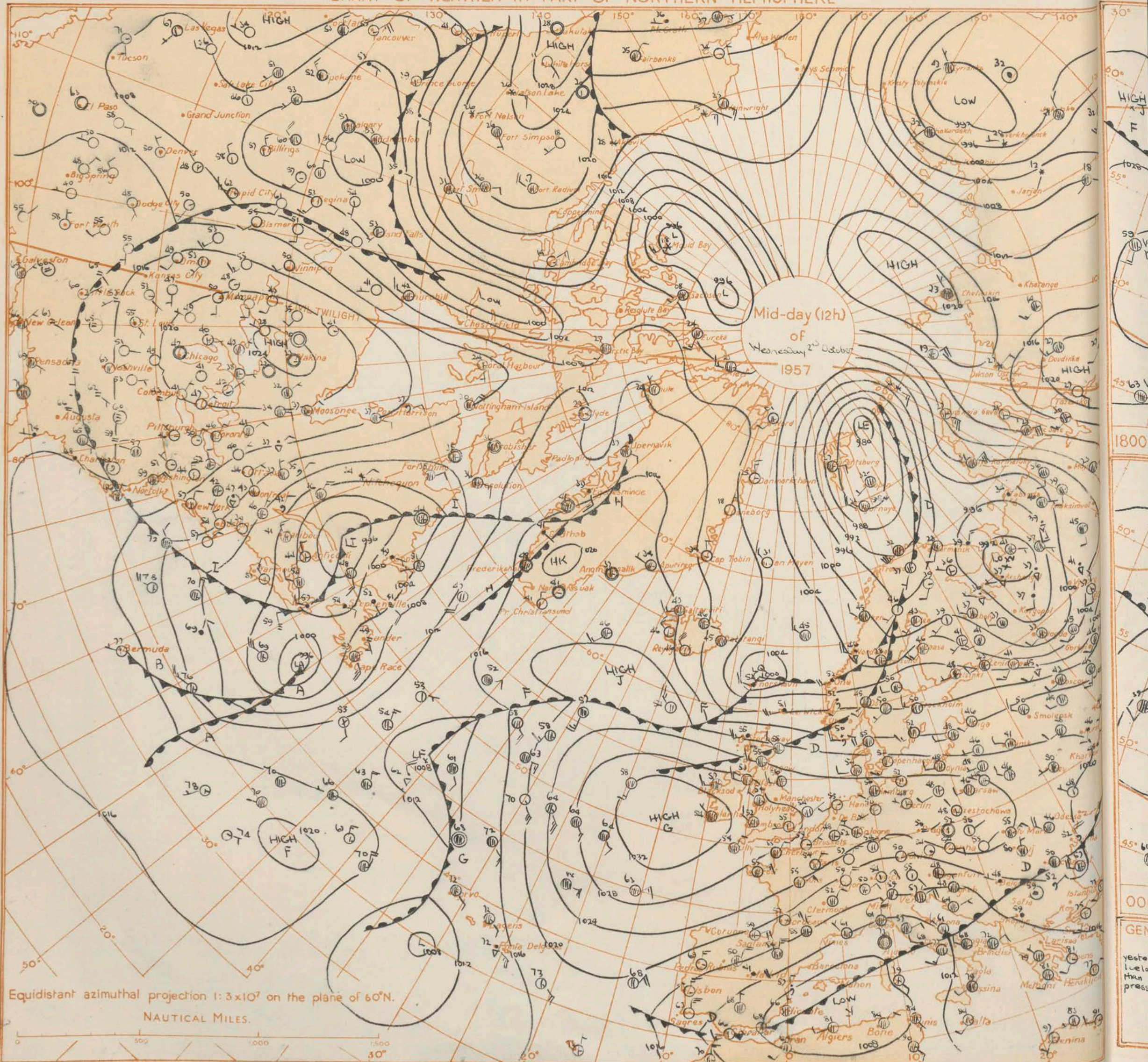
Waves		Direction		Period		Code F.M.21.A		12h. Ships Reports																												18h. Ships Reports																																															
								Ship		LAT.		LONG.		Total Cloud		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Course		Bar		Temp.		Waves		Ship		LAT.		LONG.		Total Cloud		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Course		Bar		Temp.		Waves																									
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20	4	CUMULUS	501	190	4	30	26	75	02	6	202	54	4	2	5	0	2	0	2	36	31	46	27	4	5	CUMULUS	590	188	5	32	15	7	02	1	250	52	4	4	5	4	6	0	0	2	19	52	41	27	4	5																																	
20	3	WEATHER EXPLORER	523	200	8	18	14	98	02	2	326	58	9	6	-	-	0	0	1	02	00	48	19	2	2	WEATHER EXPLORER	523	198	7	18	13	98	02	2	322	54	7	5	6	-	-	0	0	7	04	53	50	19	2	2																																	
08	5	WEATHER RECORDER	450	162	8	06	16	98	02	2	297	63	4	8	-	-	0	0	2	05	55	48	07	4	5	WEATHER RECORDER	450	162	8	08	17	98	02	2	291	63	8	5	6	-	-	0	0	7	04	53	50	19	2	2																																	
30	4	POLAR FRONT	660	0200	8	33	14	99	02	2	056	48	8	5	-	-	0	0	8	11	36	32	31	4	5	POLAR FRONT	660	0200	7	36	17	99	02	2	020	47	-	-	-	-	0	0	7	02	55	52	07	4	4																																		
22	4	MEMOZ	619	332	7	22	14	86	03	1	191	46	6	5	-	-	0	0	2	05	00	49	22	4	2	MEMOZ	620	329	7	22	12	94	02	2	204	48	7	5	5	-	-	0	0	6	18	57	52	34	4	3																																	
13	4	U.S. SHIP 'C'	528	355	8	14	16	65	21	4	165	58	7	5	2	-	-	0	0	7	02	04	57	14	5	5	U.S. SHIP 'C'	528	355	8	14	23	59	05	5	151	58	8	5	3	-	-	0	0	7	08	03	58	13	4	5																																
31	3	U.S. SHIP 'D'	440	410	6	32	20	65	80	8	117	62	5	2	5	0	-	0	0	3	05	00	45	17	4	6	U.S. SHIP 'D'	440	410	6	29	14	65	02	8	118	63	4	5	5	0	0	0	0	8	02	53	53	31	3	5																																
24	-	U.S. SHIP 'E'	565	310	4	16	18	69	02	2	127	47	1	5	5	0	-	0	0	3	05	00	45	17	4	6	U.S. SHIP 'E'	583	131	4	31	23	97	01	1	202	54	4	1	4	0	0	2	5	2	01	53	53	31	2	2																																
08	-	WEATHER WATCHER	549	480	8	25	02	69	02	2	198	70	1	5	6	7	-	2	4	6	02	56	54	01	3	2	WEATHER WATCHER	549	480	8	25	02	69	02	2	190	55	7	8	5	-	-	3	4	7	10	55	48	09	3	3																																
			549	096	8	25	20	98	02	2	296	55	6	8	5	7	-	2	4	7	14	01	51	49	-	3		554	098	7	25	27	98	01	2	241	56	7	5	6	-	-	2	8	7	29	01	52	25	4	2																																
All times of observation printed in this publication are GREENWICH MEAN TIME																												Information not usually required																												SHIP, GRAIN, CANTON, CFS, PS, 5000																											

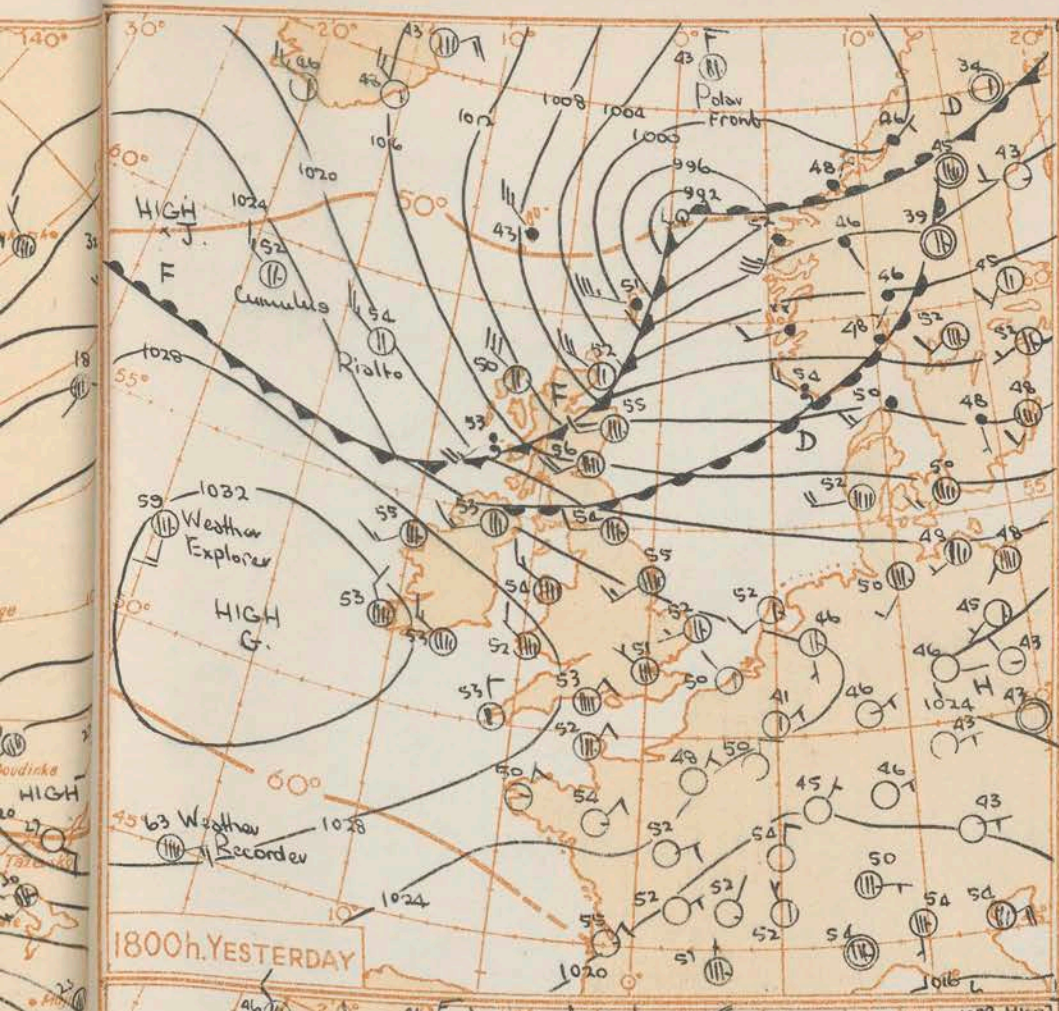
All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

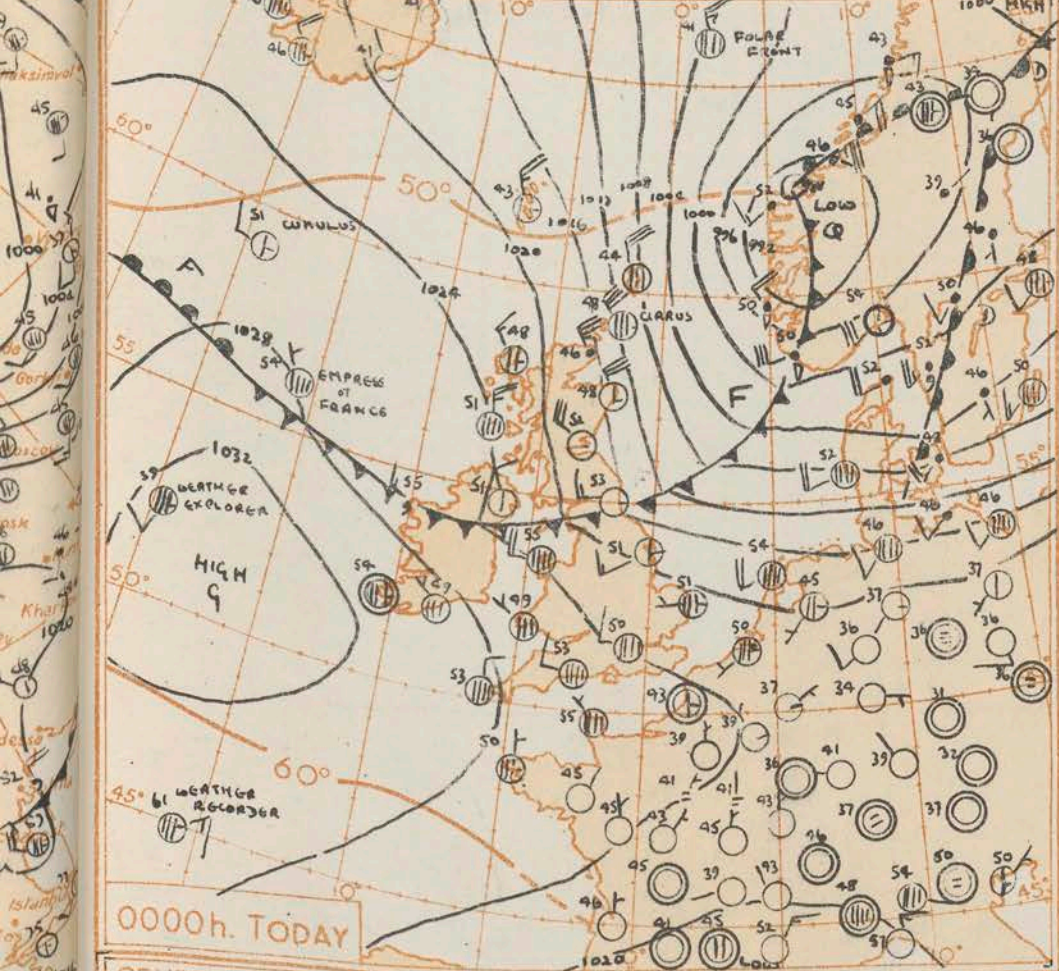
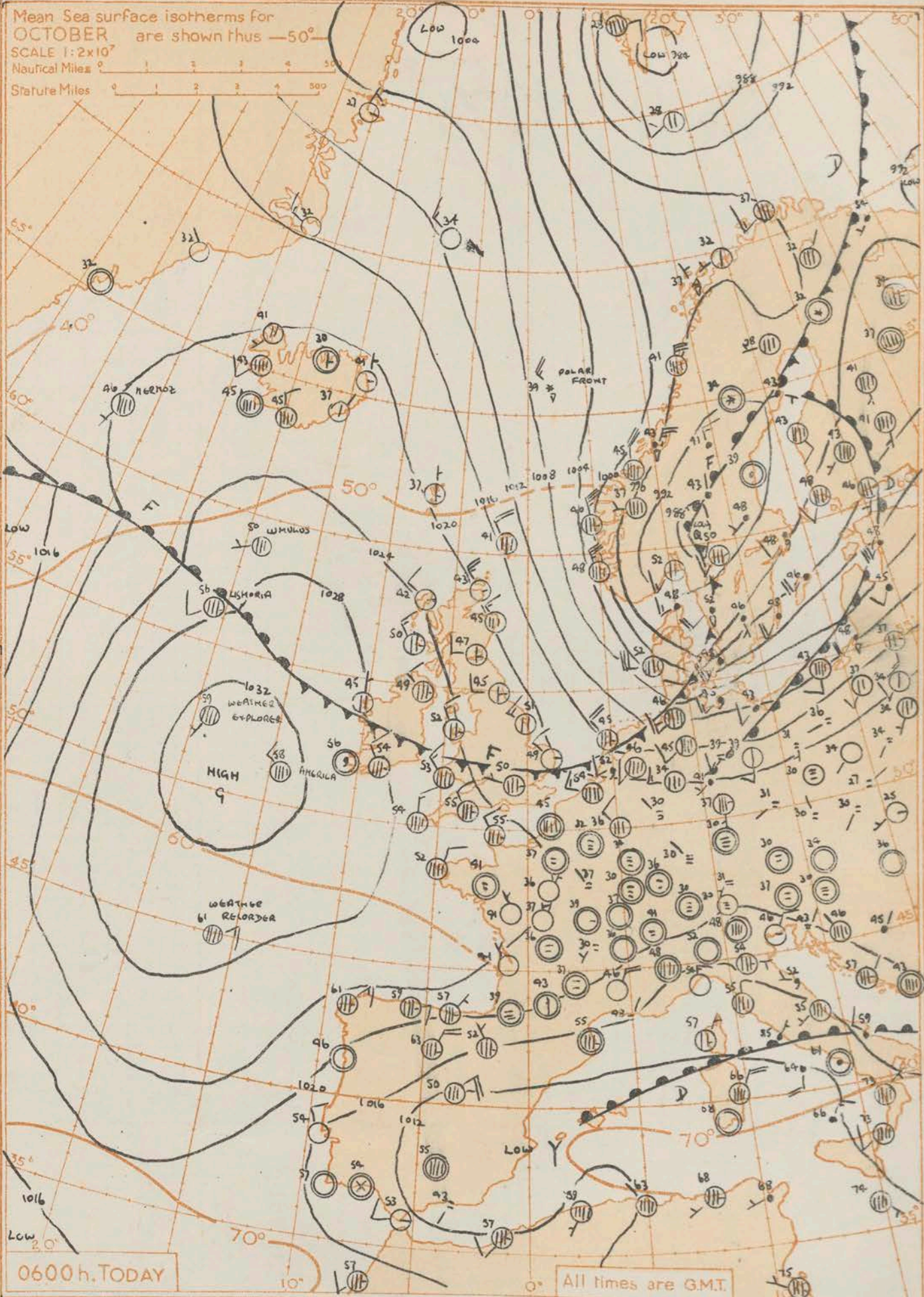
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Mean Sea surface isotherms for
OCTOBER are shown thus — 50°
SCALE 1:2x10⁷
Nautical Miles 0 1 2 3 4 5 6
Statute Miles 0 1 2 3 4 5 6



GENERAL SYNOPSIS DEVELOPMENT

The anticyclone west of Ireland moved slightly forward yesterday, but has now become almost stationary. The deepening depression which moved eastwards between Iceland and Scotland yesterday, intensified rapidly to northward of Scotland, sweeping its cold front further than expected yesterday, to clear all but the southern districts by dawn this morning. A ridge of high pressure is spreading over British Isles and a warm front will approach northwest districts tomorrow.

Issued at midday today Thursday 3rd October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

A little drizzle in southwest England and south Wales at first, otherwise fine over England and Wales with sunny periods. Probably mostly dry over Northern Ireland and Southwest Scotland, but occasional showers in north and east Scotland, with however, bright periods. Rather cold with ground frost in places at night.

OUTLOOK FOR following 24 hours:

Some rain or drizzle will probably spread into Scotland, chiefly affecting north and west Scotland, and perhaps also into Northern Ireland. Mostly dry in England and Wales with bright periods.

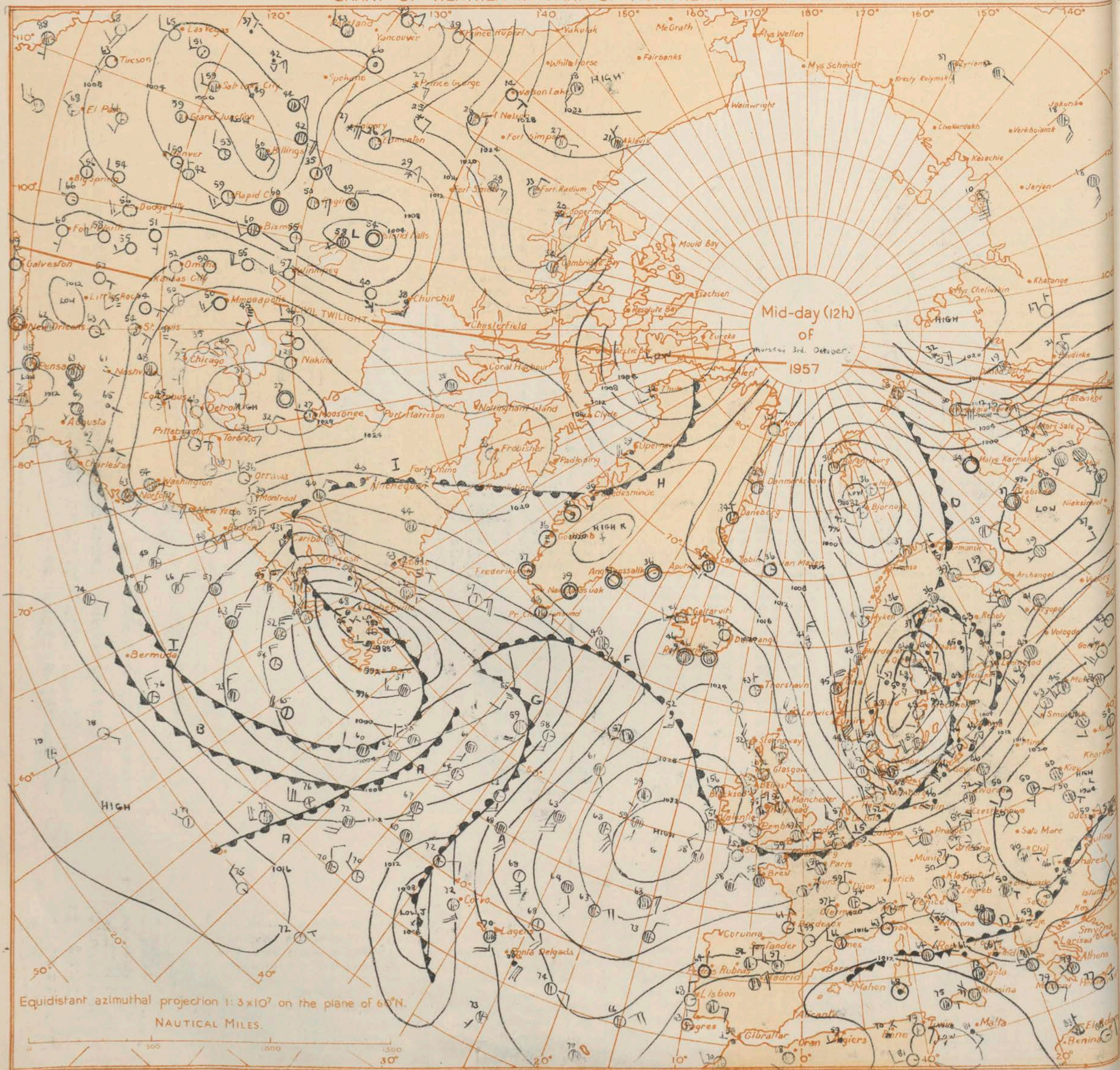
THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Friday, 4th October, 1957

OBSERVATIONS at 12h. G.M.T. 3rd October 1957																										OBSERVATIONS at 18h. G.M.T. 3rd October 1957																										OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																												
Code F.M.11.A		Station	Station Number	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Dew Point Temp.	Bar	Cloud Layers					Total Cloud	Direction	Speed	Visibility	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.																																																																																																																																																																																																																																																																																																																																																																																																																	
N	dd				ff	VV	ww	W			PPP	TT	N _h	CL	h			CM	CH	Td	Td	a					pp	N _s			C	hshs	N _s	C	hshs			N _s	C	hshs	N _s	C						hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s	C	hshs	N _s

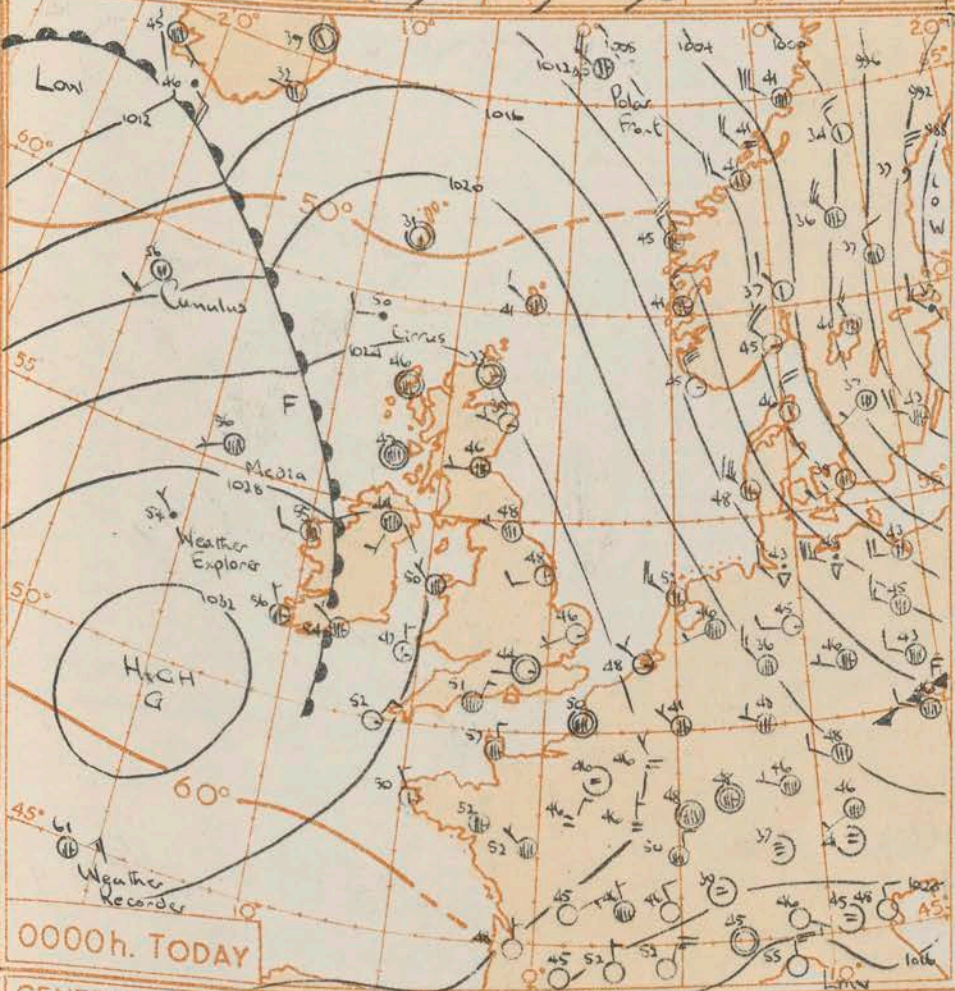
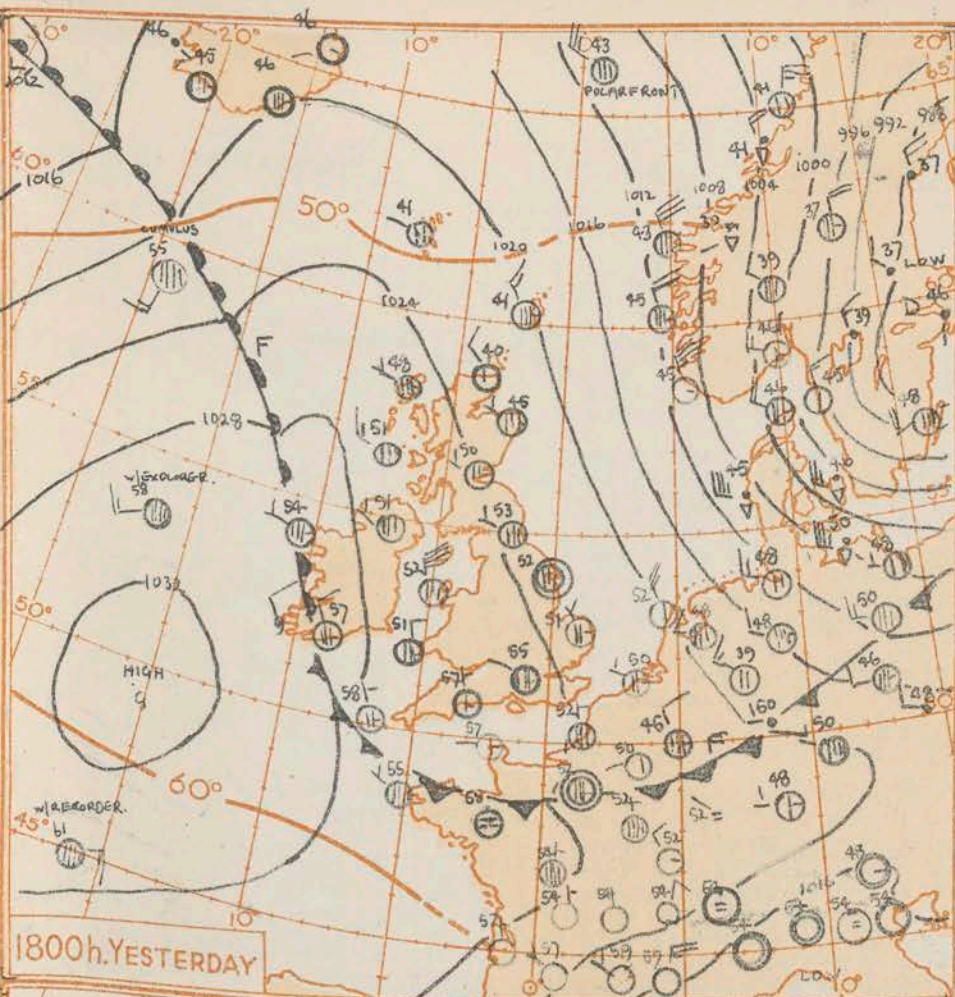
[illegible]

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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

Mean Sea surface isotherms for
OCTOBER 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

The deep depression yesterday over southern Sweden moved east across the Baltic and is now expected to turn northeast. The anticyclone southwest of the British Isles is expected to continue to decline, perhaps with a slow movement south. A small depression, yesterday south of Greenland, moved into the Denmark Strait and is expected to deepen and move east, to north of Scotland. The warm front will probably cross Scotland, northern Ireland and much of northern England by tomorrow.

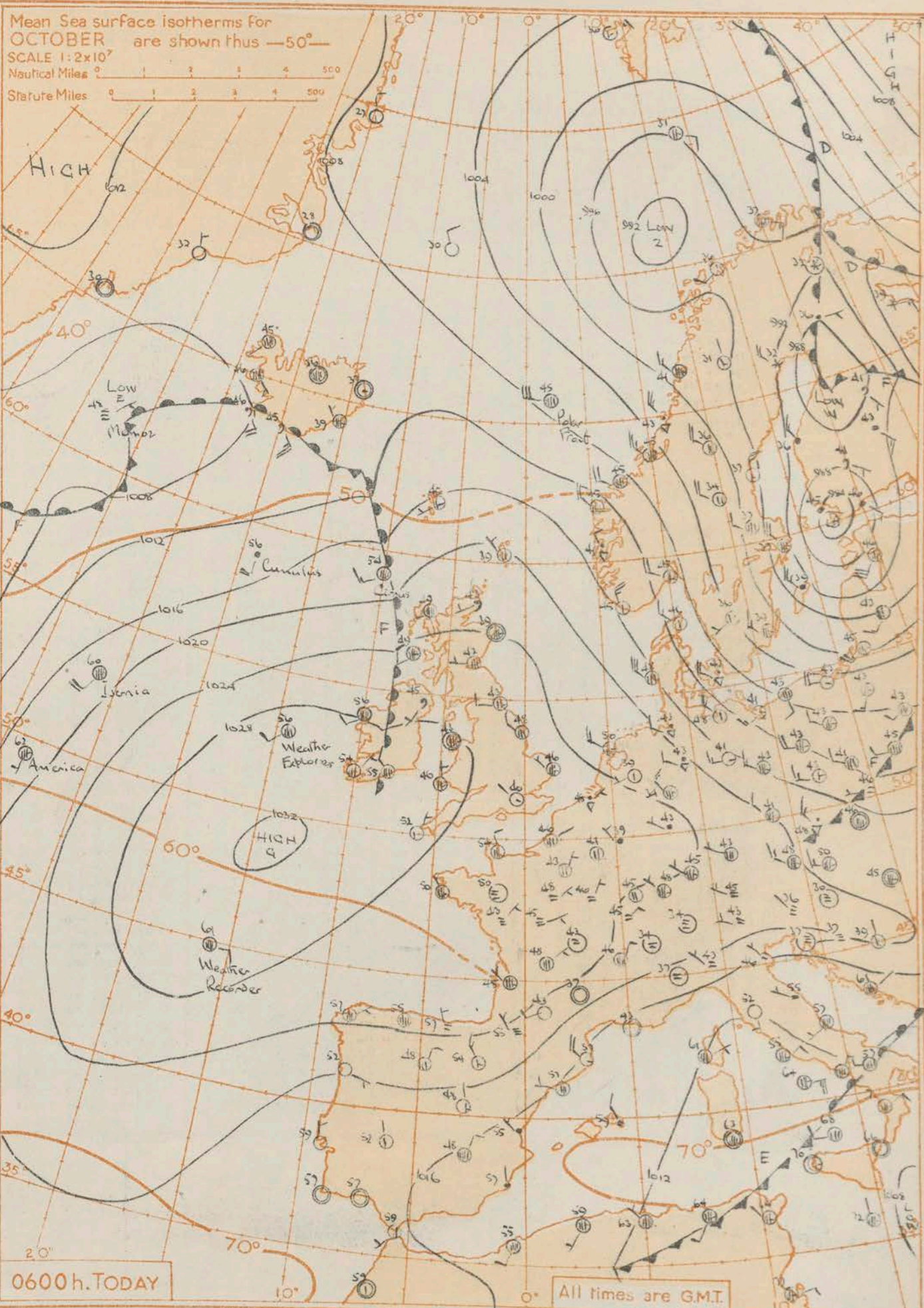
Issued at midday today Friday 4th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Scotland and Northern Ireland will be mainly cloudy, with some rain or drizzle. England and Wales will probably be fine today, but northern districts will have increasing cloud, and tonight and tomorrow probably a little rain or drizzle. Temperatures will be near average.

OUTLOOK FOR following 24 hours:-

The southern half of England and Wales is likely to continue fine but the remainder of the British Isles will probably be cloudy with some rain or drizzle, chiefly in the north and west.



All times are GMT.

No. 1

Code F.1Scan

* Information not usually received

No. 35016

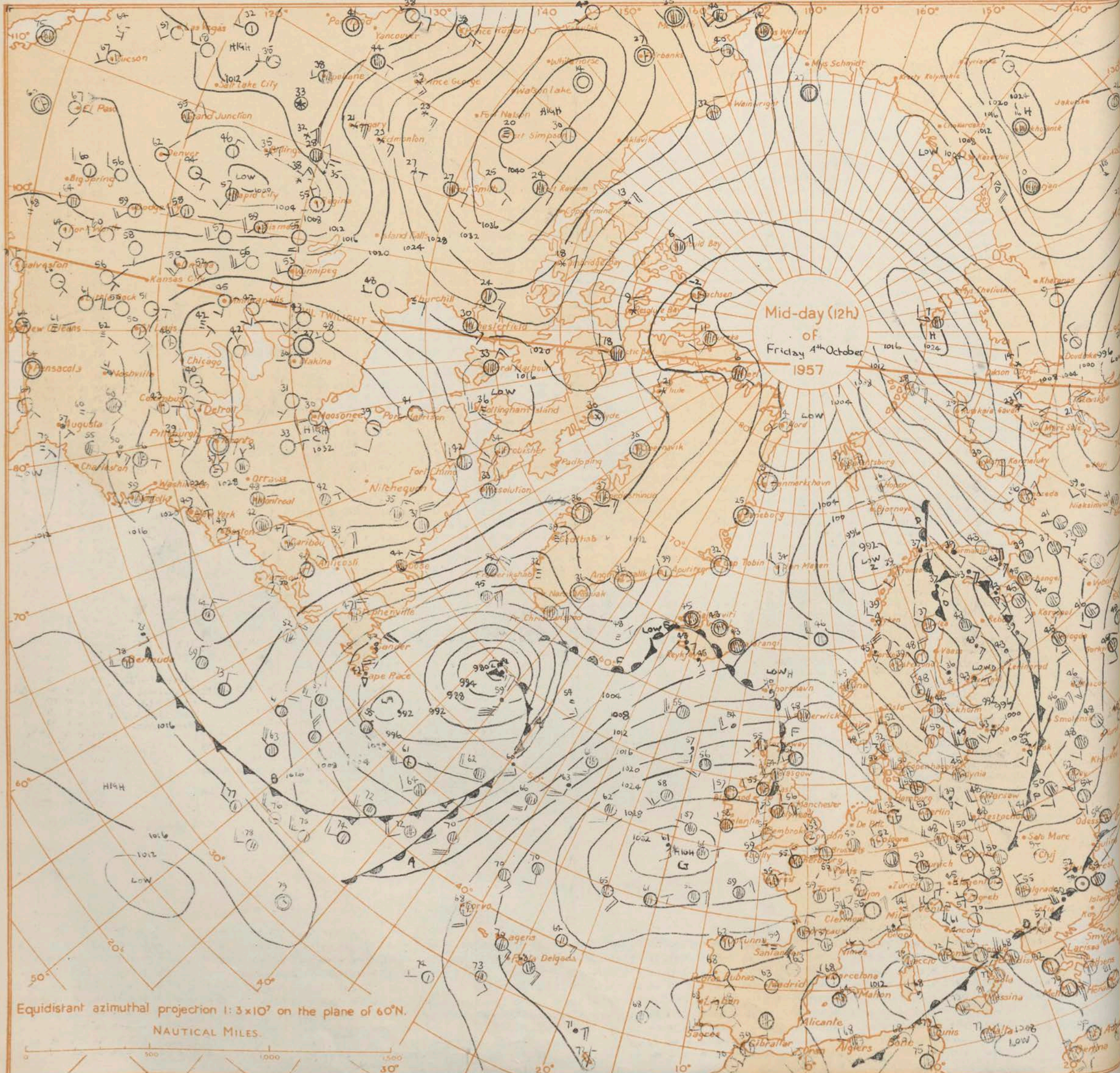
THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

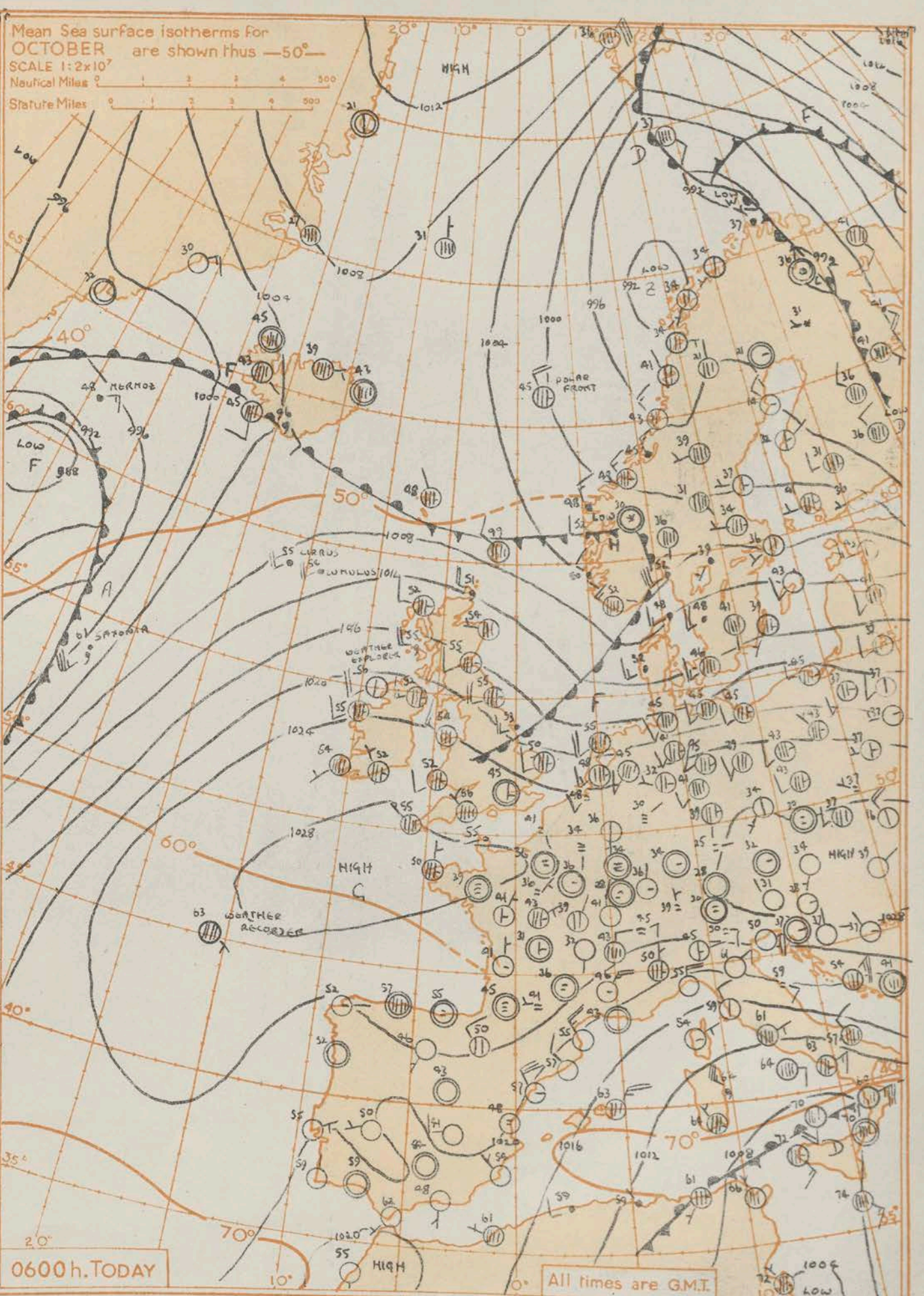
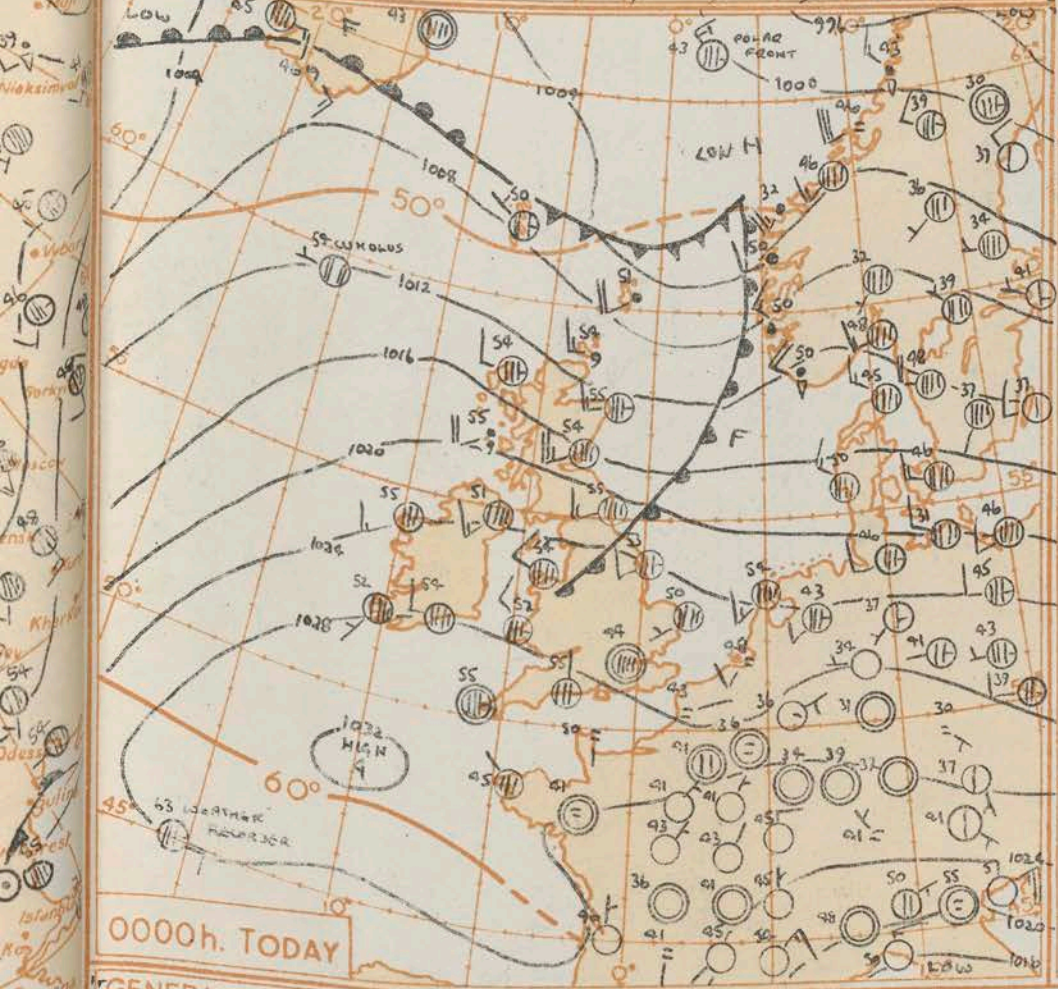
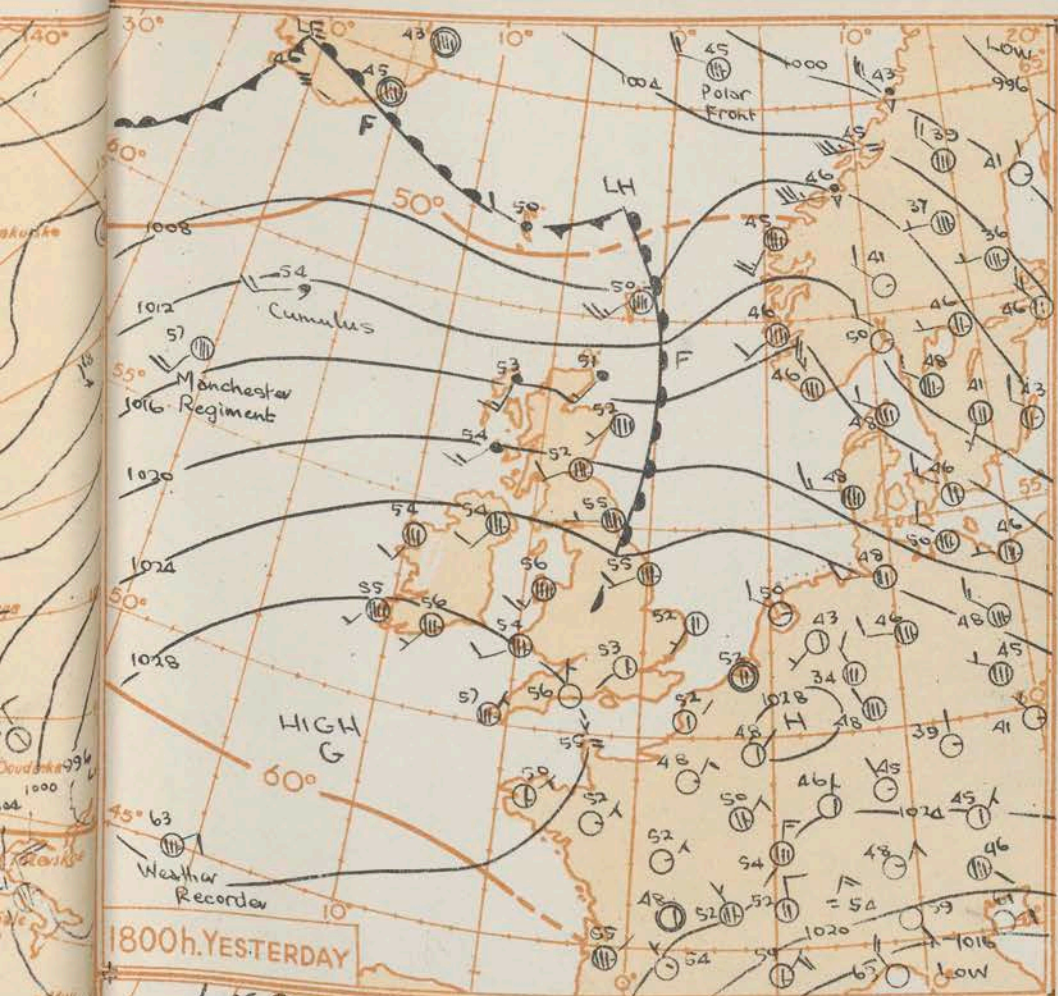
Date of Issue *Saturday 5th October* 1957OBSERVATIONS at 12h. G.M.T. *4th October 1957*OBSERVATIONS at 18h. G.M.T. *4th October 1957*

OBSERVATIONS during DAY

Time	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind	Weather	Bar	Cloud	Cloud Layers	Wind
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CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPSIS DEVELOPMENT

A Scandinavian complex of low pressure is expected to continue moving northeast at its southern end. Warm moist air from the Atlantic has crossed the British Isles and is likely to persist. The cyclonic complex south of Greenland is expected to continue northeast. The anticyclone south of Ireland is not changing much but may decline slowly.

Issued at midday today Saturday 5th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Scotland will be mainly cloudy with rain or drizzle at times chiefly in the west. Northern Ireland, northwest England and north Wales will be rather cloudy with occasional drizzle or light showers. The remainder of England and Wales will probably be fine. Temperatures will be mainly above average.

OUTLOOK FOR following 24 hours:-

The southern half of England and Wales will probably be fine, elsewhere mainly cloudy with occasional rain or drizzle chiefly in northwestern districts.

Code F M

Code F MCode F M

* Information not usually received

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue. Sunday 6th October 1957

OBSERVATIONS at 12h. G.M.T. 5th October 1957		OBSERVATIONS at 18h. G.M.T. 5th October 1957		OBSERVATIONS during DAY	
Code F.M.11.A		Code F.M.11.A		Code F.M.11.A	
Station	Station Number	Station	Station Number	Station	Station Number
Kew	775	Kew	775	Kew	775
London Airport	772	London Airport	772	London Airport	772
Tangmere	874	Tangmere	874	Tangmere	874
Hurn	862	Hurn	862	Hurn	862
Guernsey	894	Guernsey	894	Guernsey	894
Felixstowe	697	Felixstowe	697	Felixstowe	697
Gorleston	497	Gorleston	497	Gorleston	497
Mildenhall	578	Mildenhall	578	Mildenhall	578
Cardington	559	Cardington	559	Cardington	559
West Raynham	485	West Raynham	485	West Raynham	485
Wittering	462	Wittering	462	Wittering	462
Boscombe Down	746	Boscombe Down	746	Boscombe Down	746
Ross-on-Wye	627	Ross-on-Wye	627	Ross-on-Wye	627
Bristol	628	Bristol	628	Bristol	628
Aberporth	502	Aberporth	502	Aberporth	502
Plymouth	827	Plymouth	827	Plymouth	827
Chivenor	707	Chivenor	707	Chivenor	707
St. Mawgan	817	St. Mawgan	817	St. Mawgan	817
Culdrose	809	Culdrose	809	Culdrose	809
Scilly	804	Scilly	804	Scilly	804
Elmdon	534	Elmdon	534	Elmdon	534
Shawbury	414	Shawbury	414	Shawbury	414
Manchester	334	Manchester	334	Manchester	334
Squires Gate	318	Squires Gate	318	Squires Gate	318
Valley	302	Valley	302	Valley	302
Ronaldsway	204	Ronaldsway	204	Ronaldsway	204
Silloth	214	Silloth	214	Silloth	214
Watnall	354	Watnall	354	Watnall	354
Spurn Head	396	Spurn Head	396	Spurn Head	396
Lindholme	362	Lindholme	362	Lindholme	362
Dishforth	261	Dishforth	261	Dishforth	261
Tynemouth	262	Tynemouth	262	Tynemouth	262
Eskaideuir	162	Eskaideuir	162	Eskaideuir	162
West Freugh	130	West Freugh	130	West Freugh	130
Prestwick	135	Prestwick	135	Prestwick	135
Renfrew	141	Renfrew	141	Renfrew	141
Leuchars	171	Leuchars	171	Leuchars	171
Dyce	091	Dyce	091	Dyce	091
Wick	075	Wick	075	Wick	075
Cape Wrath	049	Cape Wrath	049	Cape Wrath	049
Sule Skerry	010	Sule Skerry	010	Sule Skerry	010
Lerwick	005	Lerwick	005	Lerwick	005
Stornoway	026	Stornoway	026	Stornoway	026
Benbecula	022	Benbecula	022	Benbecula	022
Tiree	100	Tiree	100	Tiree	100
Aldergrove	917	Aldergrove	917	Aldergrove	917
Malin Head	980	Malin Head	980	Malin Head	980
Belmullet	976	Belmullet	976	Belmullet	976
Birr	965	Birr	965	Birr	965
Collinstown	969	Collinstown	969	Collinstown	969
Rineanna	962	Rineanna	962	Rineanna	962
Roches Point	952	Roches Point	952	Roches Point	952
Vaskdaleim	953	Vaskdaleim	953	Vaskdaleim	953

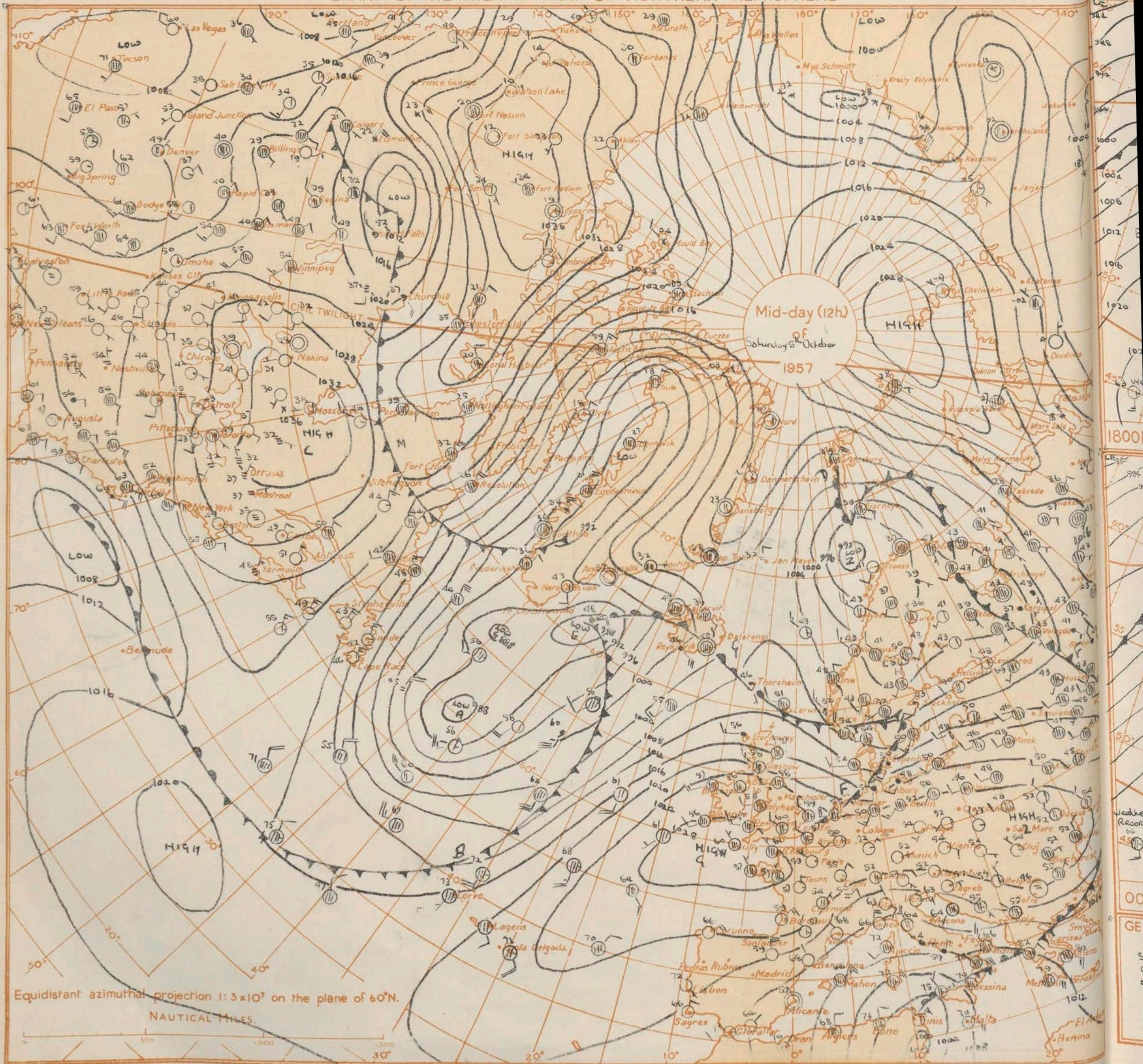
		12h. Ships Reports																				18h. Ships Reports																																	
Code F.M.21.A		Ship		LAT.	LONG.	Total Cloud	Wind	Weather		Bar at M.S.L.		Dry Bulb Temp.	Cloud				Course	Bar	Temp.	Waves					Ship		LAT.	LONG.	Total Cloud	Wind	Weather		Bar at M.S.L.		Dry Bulb Temp.	Cloud				Course	Bar	Temp.	Waves												
	Direction					N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw					N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw
26		CIRRUS		590	182	8	21	22	30	02	6	052	55	8	6	2	-	-	6	3	7	27	02	55	23	4	5		CIRRUS	590	190	8	20	25	30	61	5	020	57	7	7	2	2	-	8	1	6	03	09	55	23	4	6		
07		POLAR FRONT		660	020E	3	31	14	99	15	2	051	43	3	9	4	6	-	0	0	2	19	56	34	32	3	3		POLAR FRONT	660	020E	3	31	12	78	15	2	064	45	5	9	5	6	-	0	0	2	06	56	50	32	3	3		
34		WEATHER RECORDER		432	163	7	14	14	98	02	2	273	64	8	8	6	-	-	0	0	7	01	51	57	49	x	2		WEATHER RECORDER	432	163	8	16	13	99	01	1	250	62	3	5	6	0	0	0	0	05	54	52	11	4	3			
08		MERMIOZ		622	350	8	04	18	97	61	6	810	48	8	7	2	1	-	0	0	7	25	01	48	09	4	2		MERMIOZ	622	350	8	04	12	40	61	6	848	09	8	7	3	1	-	0	0	7	11	00	48	09	4	2		
20		U.S. SHIP "C"		528	365	2	20	20	64	02	0	925	58	2	2	5	3	0	0	0	1	03	03	50	18	5	6		U.S. SHIP "C"	528	355	8	16	03	69	01	1	708	56	2	3	5	0	0	0	0	7	05	01	45	18	4	6		
24		U.S. SHIP "D"		440	410	4	27	32	65	02	8	032	60	4	2	5	0	0	0	0	3	07	37	52	49	y	x		U.S. SHIP "D"	440	410	4	20	11	98	01	2	281	58	4	5	5	0	0	0	0	7	05	01	45	18	4	6		
24		WEATHER OBSERVER		493	092	7	22	08	98	01	2	245	54	7	6	7	-	-	5	3	4	00	51	53	25	3	1		WEATHER OBSERVER	493	104	4	20	11	98	01	2	281	58	4	5	5	0	0	0	0	7	05	01	45	18	4	6		
16		WEATHER EXPLORER		553	082	8	27	21	97	03	2	224	56	9	5	6	-	-	2	3	2	04	00	53	25	4	4		WEATHER EXPLORER	553	069	8	25	18	97	02	2	215	55	4	5	6	7	-	2	3	6	00	00	54	27	4	2		
25		CUMULUS		589	126	8	22	24	40	01	4	114	55	8	5	2	-	-	2	4	7	04	02	52	22	4	4		CUMULUS	588	107	8	22	18	50	02	6	111	57	6	5	3	2	-	2	4	0	00	02	54	20	4	4		
02		U.S. SHIP "B"		565	510	8	34	20	69	01	2	489	44	1	6	4	7	0	0	0	2	12	53	46	34	5	0		U.S. SHIP "B"	565	510	8	20	18	98	03	1	200	60	4	5	0	0	0	0	0	7	04	02	45	08	4	4		

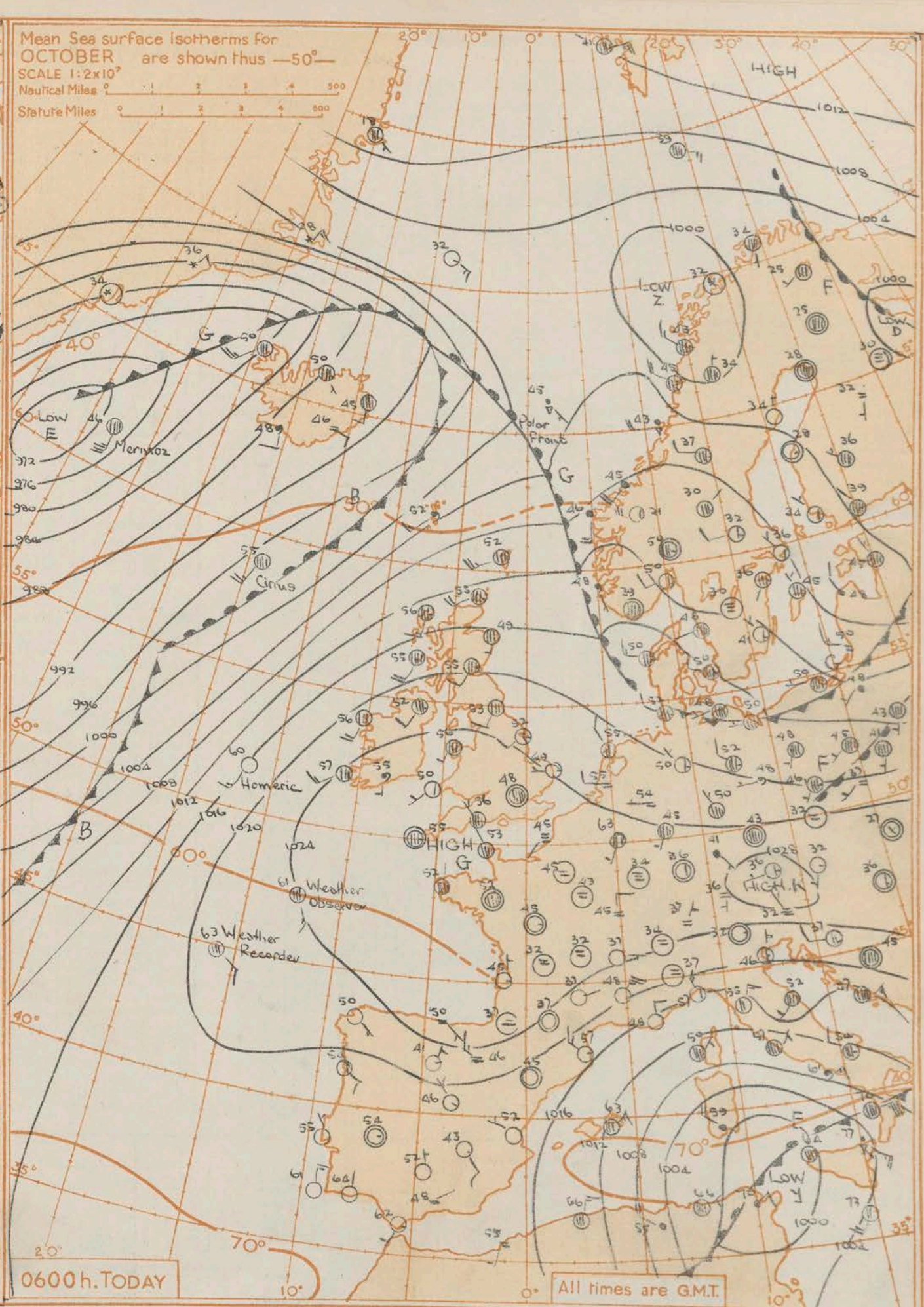
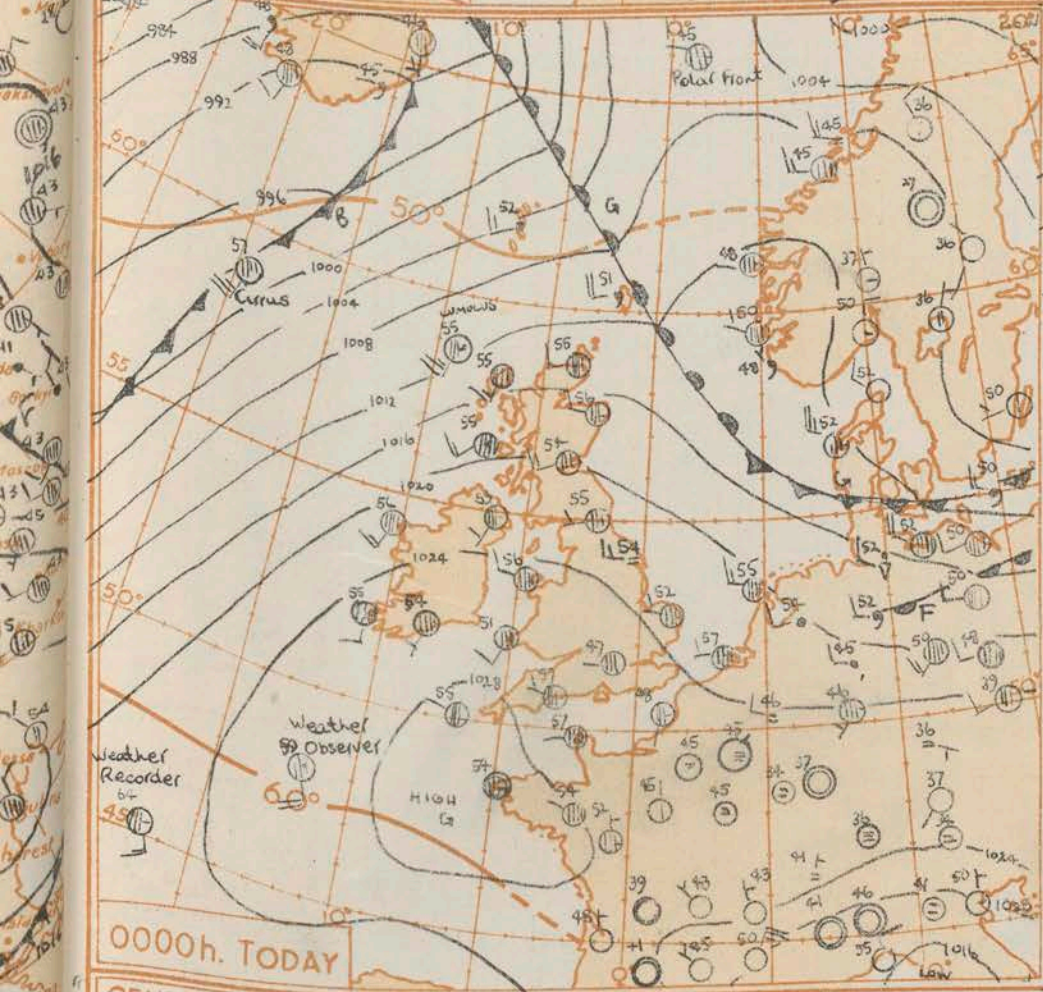
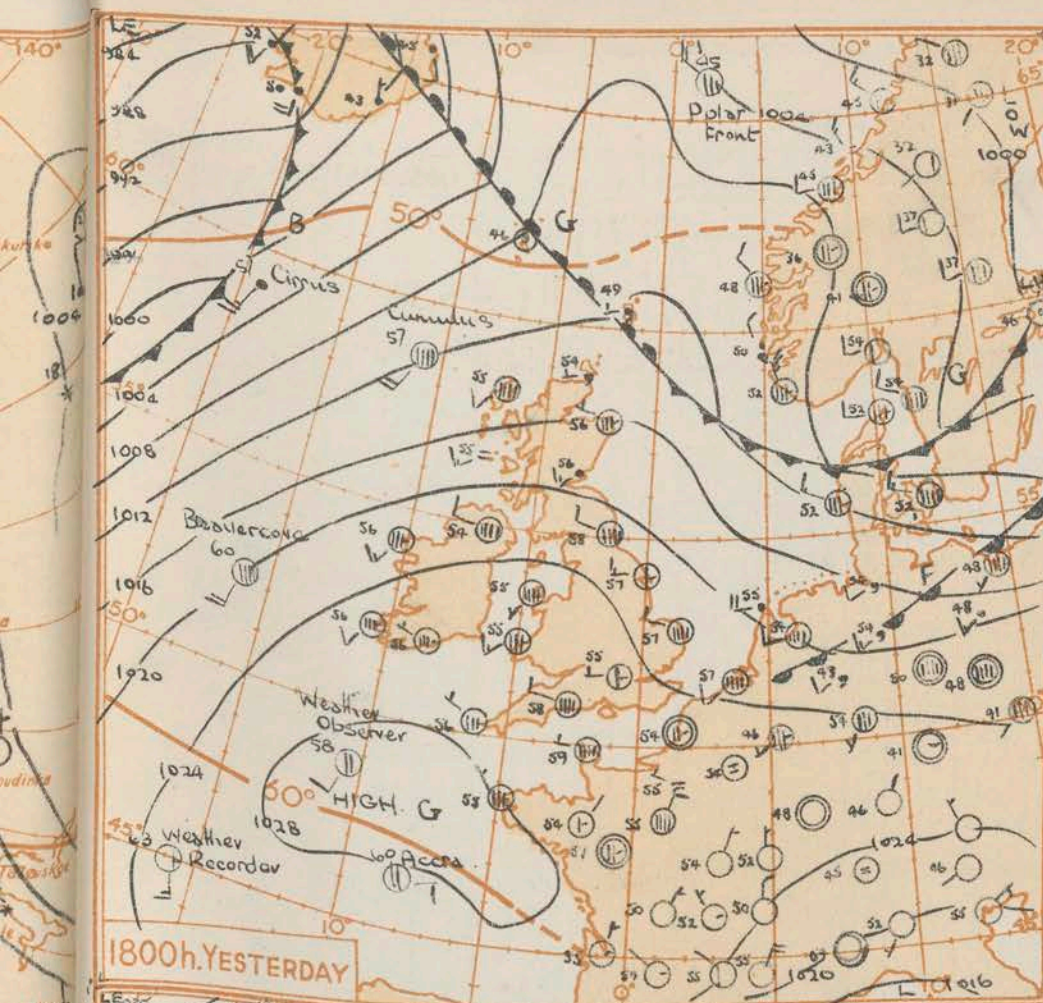
All times of observation printed in this publication are GREENWICH MEAN TIME.

* 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





Mean Sea surface Isotherms for
OCTOBER 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

The anticyclone off southwest England has moved slowly eastward into the English Channel and declined a little. It will continue to move slowly east, probably with some intensification. Pressure will continue low to the southwest of Iceland.

Issued at midday

today Sunday 6th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Central and southern districts of England will have sunny periods but fog patches may occur at night. Wales, northern England, Northern Ireland and Scotland, except the northwest, will be mostly dry with brighter intervals but temperatures but it will be rather warm in the east. Western districts will have average

OUTLOOK FOR following 24 hours:-

Probably continuing dry and rather warm in southeast districts of England but rain may spread slowly across other areas.

All times are G.M.T.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 6th October 1957																									OBSERVATIONS at 06h. G.M.T. 6th October 1957																									OBSERVATIONS during NIGHT					Code F.M.1		
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	Amount	Form	Height	Weather	21h. to 09h.	Temp.	21h. to 09h. m.m.	Station																							
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	
Kew	775	*	*	*	*	*	*	50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7	19	03	33	02	2	257	50	7	5	6	-	-	48	7	01	7	6	30	-	-	47	37	-	Kew						
London Airport	772	6	27	01	56	03	2	257	47	1	0	9	3	1	47	2	06	1	3	65	6	0	75			8	00	00	37	03	2	256	48	8	5	6	-	-	48	6	01	8	6	30	-	-	45	39	-	London Air							
Tangmere	874	3	30	03	58	03	1	261	48	0	0	9	0	9	45	2	04	3	1	80						7	32	01	58	02	2	258	50	7	6	6	-	-	49	7	01	7	6	40	-	-	44	40	-	Tangmere							
Hurn	862	5	27	05	02	03	1	263	50	5	5	6	-	-	49	0	02	5	6	44						7	00	00	69	02	2	259	49	7	5	6	-	-	48	7	02	7	6	40	-	-	49	41	-	Hurn							
Guernsey	894	7	32	08	82	02	2	280	56	7	5	6	-	-	52	1	01	7	6	48						8	32	02	82	02	2	271	53	8	8	6	-	-	48	5	01	2	8	20	8	6	38	-	-	53	52	-	Guernsey				
Felixstowe	697	1	26	08	56	01	2	244	52	1	0	9	7	1	50	2	08	1	3	60						1	29	07	24	01	1	252	50	0	0	9	0	1	49	2	08	1	0	76	-	-	50	46	-	Felixstowe							
Gorleston	497	7	28	07	56	01	2	234	52	7	0	9	7	0	51	2	04	7	3	58						1	26	07	40	02	0	243	49	1	0	9	7	0	49	3	05	1	3	58	-	-	48	46	-	Gorleston							
Mildenhall	578	4	27	07	48	03	1	245	50	0	0	9	3	0	48	2	06	4	3	65						5	25	03	42	03	1	246	47	3	0	9	3	2	45	4	00	3	3	62	-	-	46	40	-	Mildenhall							
Cardington	559	9	00	00	32	01	1	254	48	2	0	9	3	7	48	2	07	2	3	65	8	2	75			8	00	00	23	03	2	248	48	7	5	6	-	-	48	7	05	7	6	40	-	-	43	39	-	Cardington							
West Raynham	485	1	24	05	37	01	1	240	49	1	0	9	3	1	45	2	07	1	3	62						7	23	03	06	46	1	244	47	7	0	9	3	-	-	47	2	04	7	8	58	-	-	47	40	-	West Raynham						
Wittering	462	6	28	12	40	03	1	247	51	2	0	9	4	2	49	2	07	2	3	65	5	0	75			8	26	06	40	03	2	249	49	7	5	6	7	-	-	47	3	04	7	6	40	-	-	49	45	-	Wittering						
Boscombe Down	746	7	06	09	58	03	1	266	48	7	5	6	-	-	47	3	04	7	6	40						7	00	00	46	02	2	260	50	7	5	6	-	-	49	6	04	7	6	35	-	-	49	38	-	Boscombe							
Ross-on-Wye	627	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8	00	00	70	02	2	257	48	8	5	6	-	-	46	6	03	8	6	30	-	-	46	39	-	Ross-on-Wye						
Bristol	628	7	29	02	48	04	1	265	52	7	5	7	-	-	50	3	07	7	6	50						7	00	00	14	10	2	261	50	7	5	6	-	-	49	5	01	1	6	25	7	6	45	-	-	50	45	-	Bristol				
Aberporth	502	8	22	08	80	02	2	263	51	3	0	9	3	7	50	2	04	3	3	62	8	2	75			7	24	08	74	02	2	268	52	7	5	6	-	-	51	3	02	7	6	36	-	-	51	46	-	Aberporth							
Plymouth	827	8	29	04	63	02	2	278	55	8	5	6	-	-	51	1	02	8	6	38						8	00	00	48	04	2	267	53	8	5	6	-	-	51	6	01	8	6	24	-	-	52	51	-	Plymouth							
Chivenor	707	7	00	00	81	02	2	278	55	5	5	5	-	-	52	6	01	5	6	20	7	6	40			7	00	00	82	01	2	266	54	3	5	5	-	-	52	3	01	3	6	23	7	6	40	-	-	53	49	-	Chivenor				
St. Mawgan	817	7	28	07	82	01	2	278	55	7	8	5	-	-	50	8	01	2	8	25	7	6	35			1	18	03	82	01	1	274	47	1	8	5	0	1	46	2	02	1	8	20	-	-	47	36	-	St. Mawgan							
Culdrose	809	7	33	05	81	02	2	282	53	7	5	5	-	-	47	0	04	7	6	28						1	00	00	82	11	2	285	48	1	0	9	4	0	48	5	01	1	3	58	-	-	44	32	-	Culdrose							
Scilly	804	7	32	02	83	03	2	283	55	7	5	5	-	-	51	1	05	7	6	22						7	00	00	86	02	1	265	55	7	5	5	-	-	53	6	05	7	6	26	-	-	54	38	-	Scilly							
Elmdon	534	7	26	05	40	10	2	255	48	4	0	9	3	1	46	2	05	4	3	62	7	0	75			7	22	03	58	10	2	285	49	7	5	6	-	-	47	8	01	7	6	50	-	-	45	36	-	Elmdon							
Shawbury	414	6	24	07	74	03	1	254	49	6	0	9	5	-	48	2	04	6	3	60						7	00	00	66	02	2	249	49	3	5	7	3	-	-	47	5	04	3	6	50	6	3	60	-	-	45	39	-	Shawbury			
Manchester	334	7	21	08	40	01	2	247	52	7	0	9	3	-	48	2	04	7	3	58						6	19	09	57	03	2	241	48	2	5	7	7	-	-	47	5	04	2	6	56	6	3	62	-	-	48	45	-	Manchester			
Squires Gate	318	8	26	08	62	02	2	241	55	4	5	6	7	-	53	2	04	4	6	40	8	3	59			7	25	11	74	02	2	239	55	7	8	5	-	-	52	5	04	1	4	20	7	6	45	-	-	54	49	-	Squires Gate				
Valley	302	8	28	08	82	02	2	247	56	3	5	6	7	-	53	2	04	3	6	35	8	3	60			8	24	06	82	02	2	241	56	8	5	6	-	-	52	7	08	8	6	45	-	-	54	52	-	Valley							
Ronaldsway	204	7	27	06	80	02	2	241	55	3	5	6	7	-	53	2	03	3	6	33	7	3	60			7	27	09	80	02	2	235	55	7	5	6	-	-	51	5	02	7	6	33	-	-	53	51	-	Ronaldsway							
Silloth	214	7	24	11	62	03	2	227	54	7	5	7	-	-	52	2	02	7	6	56						7	25	08	61	02	2	228	54	3	5	4	-	-	53	3	02	3	7	17	7	6	56	-	-	53	51	-	Silloth				
Watnall	354	5	00	00	25	02	1	253	48	1	0	9	3	1	47	2	12	1	3	64	5	0	75			7	27	03	19	10	4	250	47	7	5	6	-	-	46	2	01	7	6	30	-	-	46	38	-	Watnall							
Spurn Head	396	4	27	16	32	10	0	228	54	4	0	9	4	0	52	2	06	4	3	59						8	25	10	48	01	1	231	52	3	5	5	0	0	50	4	00	3	6	25	-	-	51	47	-	Spurn Head							
Lindholme	362	7	28	11	40	03	1	243	52	2	0	9	3	0	50	1	05	5	3	60	6	2	75			7	25	09	28	03	1	240	52	7	5	6	-	-	51	4	00	7	6	40	-	-	51	47	-	Lindholme							
Dishforth	261	5	23	10	69	03	1	229	51	5	0	9	3	0	50	1	05	5	3	62						7	25	08	66	03	2	230	53	4	5	7	3	-	-	51	1	01	4	6	50	7	3	62	-	-	51	45	-	Dishforth			
Tynemouth	262	6	26	05	61	02	6	212	55	6	0	9	3	-	51	1	05	6	3	58						6	23	08	61	02	2	213	53	3	5	6	7	5	49	6	03	3	6	30	-	-	52	47	-	Tynemouth							
Eskdalemuir	162	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6	25	06	58	02	6	213	49	6	5	5	-	-	48	4	00	6	6	25	-	-	49	45	-	Eskdalemuir						
West Freugh	130																																																								

00h. Ships Reports

Code FM 21.A					Wind		Weather				Cloud					Course		Bar		Temp.		Waves		
Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar. at M.S.L.	Dry Bulb Temp.						Direction	Speed	Character ^c	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
											Amount	Low	Height	Medium	High									
	LatLka	LoLoLo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw
CIRRUS	590	188	8	20	23	50	20	6	974	57	8	6	3	-	-	4	1	6	30	03	56	20	4	6
WEATHER RECORDER	453	163	7	13	17	99	02	2	230	64	7	8	6	-	-	0	0	7	09	52	52	11	-	3
POLAR FRONT	600	020 E.	7	30	10	99	02	8	061	45	7	9	5	-	-	0	0	8	23	56	30	30	3	3
HERMO2	622	345	7	27	10	60	03	6	790	46	5	5	4	3	-	2	2	6	30	51	46	15	4	4
CUMULUS	587	089	7	21	26	60	01	6	118	55	7	5	3	0	0	2	4	00	52	52	20	4	4	
WEATHER OBSERVER.	480	113	6	17	18	98	03	1	275	59	6	6	6	-	-	5	3	7	06	53	50	20	3	2
WEATHER EXPLORER	552	056	6	24	16	98	02	2	220	56	4	5	6	7	-	2	3	0	00	01	51	49	-	2
U.S. SHIP "C"	528	355	4	25	5	69	02	0	916	54	4	2	5	0	0	0	0	2	03	00	46	21	3	4
U.S. SHIP "D"	440	410	8	27	27	69	02	2	804	59	4	2	5	6	-	0	0	1	07	58	52	26	4	9
BASSANO	542	287	0	21	10	98	02	0	959	56	0	0	9	0	0	1	5	3	00	00	60	18	4	5

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue Monday 7th October 1957

[illegible]

		12h. Ships Reports																				18h. Ships Reports																			
Code F.M.21.A		Ship		LAT.	LONG.	Total Cloud	Wind Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Cloud Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Waves Direction	Period	Height														
Direction	Period			LatLat	LonLon	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	DS	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw														
		CIRRUS		589	189	6	20	23	65	01	6	957	57	5	5	4	3	0	5	1	5	02	03	54	20	4	5														
20	-	POLAR FRONT RECORDER		660	020 E	8	12	24	95	52	6	993	45	8	6	3	-	-	0	0	7	20	55	43	12	4	4														
15	3	MERMIOZ		452	158	7	16	16	99	02	2	190	60	7	5	6	-	-	0	0	7	10	52	46	49	-	3														
20	4	U.S. SHIP 'C'		620	328	8	18	28	60	80	8	658	45	6	8	4	7	-	4	1	7	42	45	20	4	8															
20	4	U.S. SHIP 'D' OBSERVER		528	355	7	27	20	69	03	8	954	54	7	4	5	0	0	0	0	2	17	51	48	25	4	4														
17	3	AUSTRALIND		490	410	8	32	25	69	02	2	130	58	8	2	5	-	-	0	0	2	32	58	49	31	5	9														
10	2	BRITISH PATIENCE		468	133	8	14	21	98	02	2	215	61	8	5	6	-	-	5	3	7	13	51	52	15	3	4														
21	3	ASSYRIA		484	189	8	17	20	98	02	2	155	65	8	8	4	-	-	5	4	8	25	52	58	17	2	3														
78	6	TONGARIRO		440	090	0	09	32	98	02	0	177	65	0	0	9	0	0	1	4	0	00	01	54	09	3	9														
		ALL		565	510	8	32	37	67	02	2	119	40	8	5	4	-	-	0	0	1	08	56	34	34	3	9														

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

* Information not usually received.

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Page 1

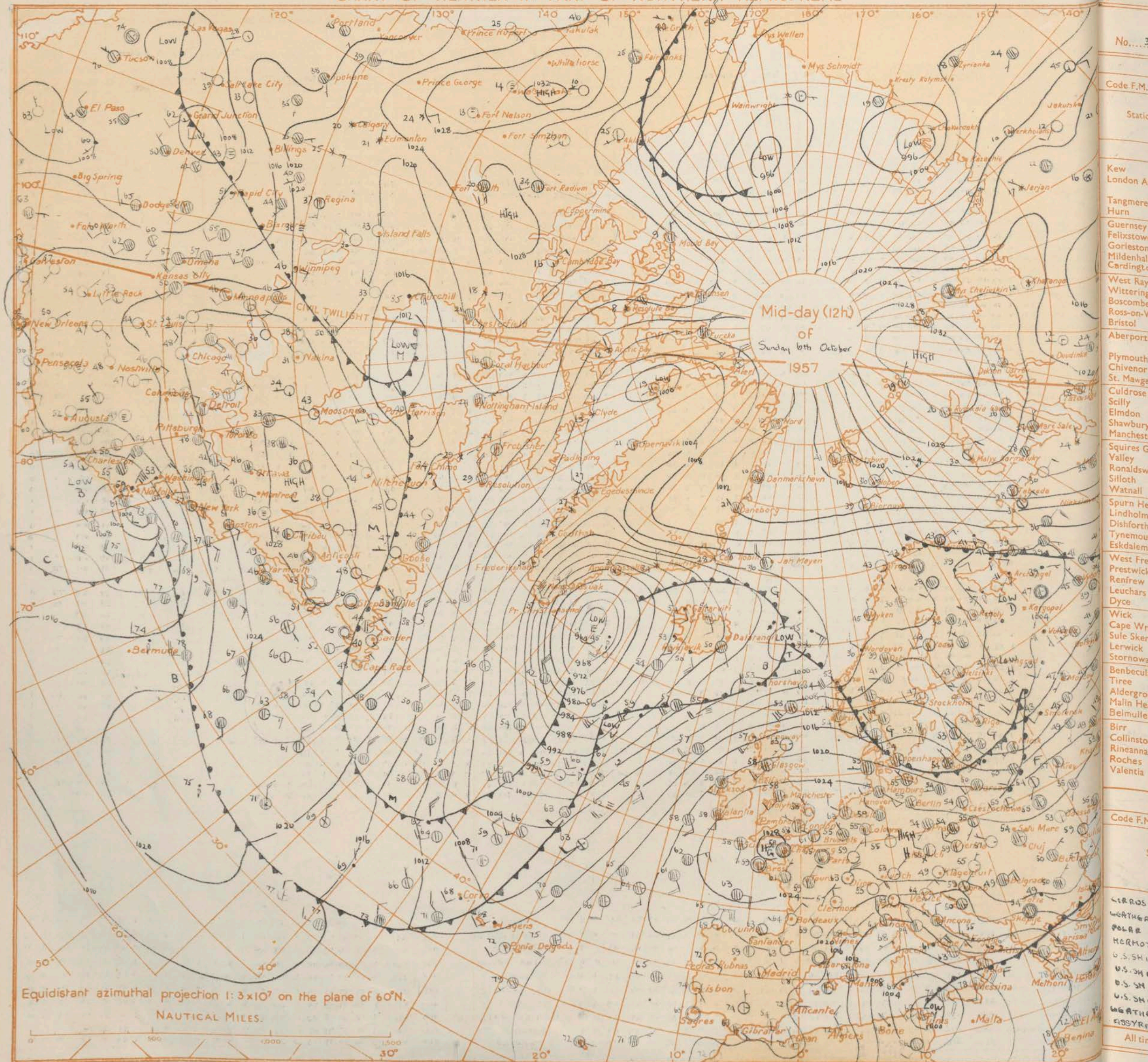
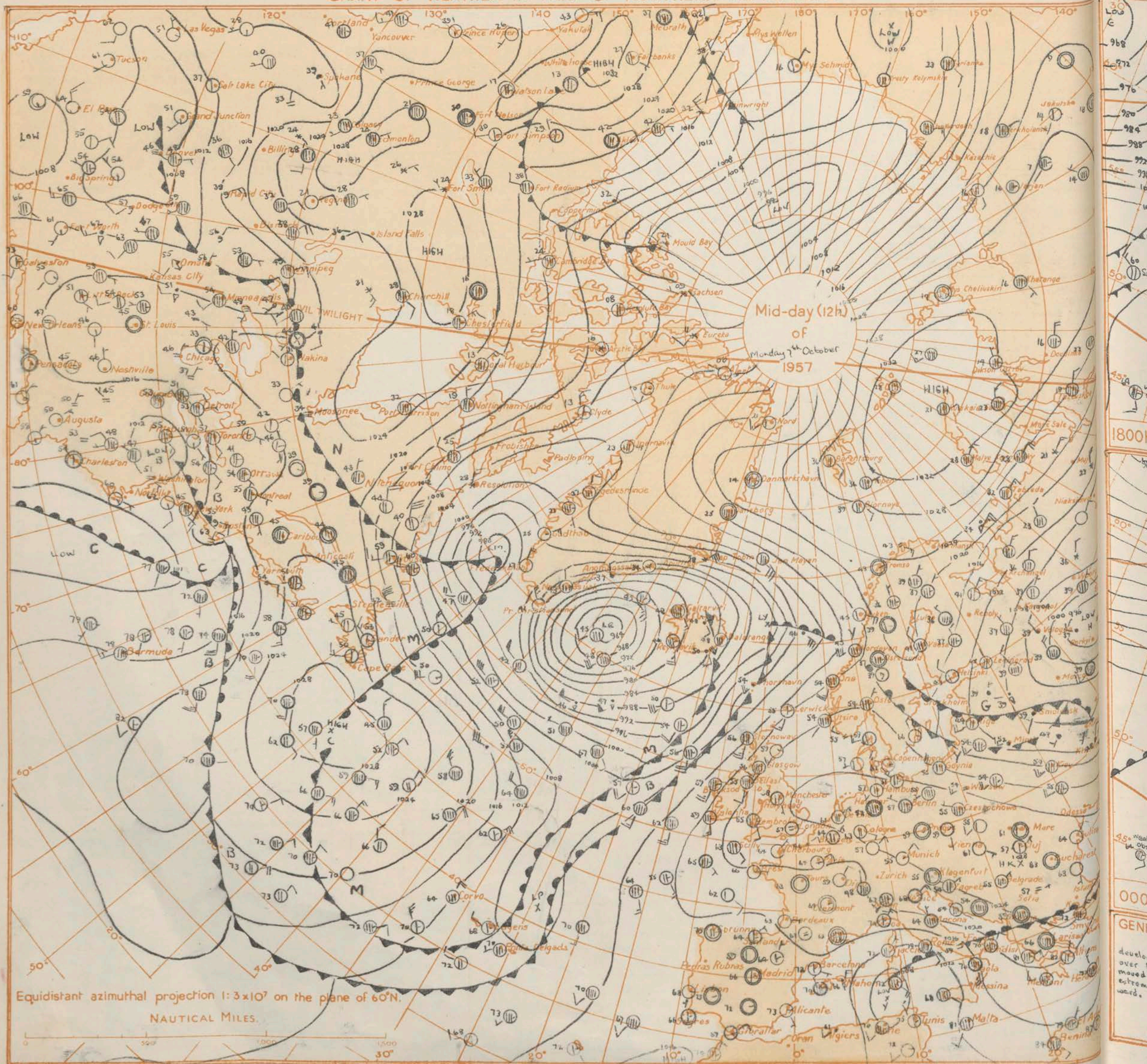
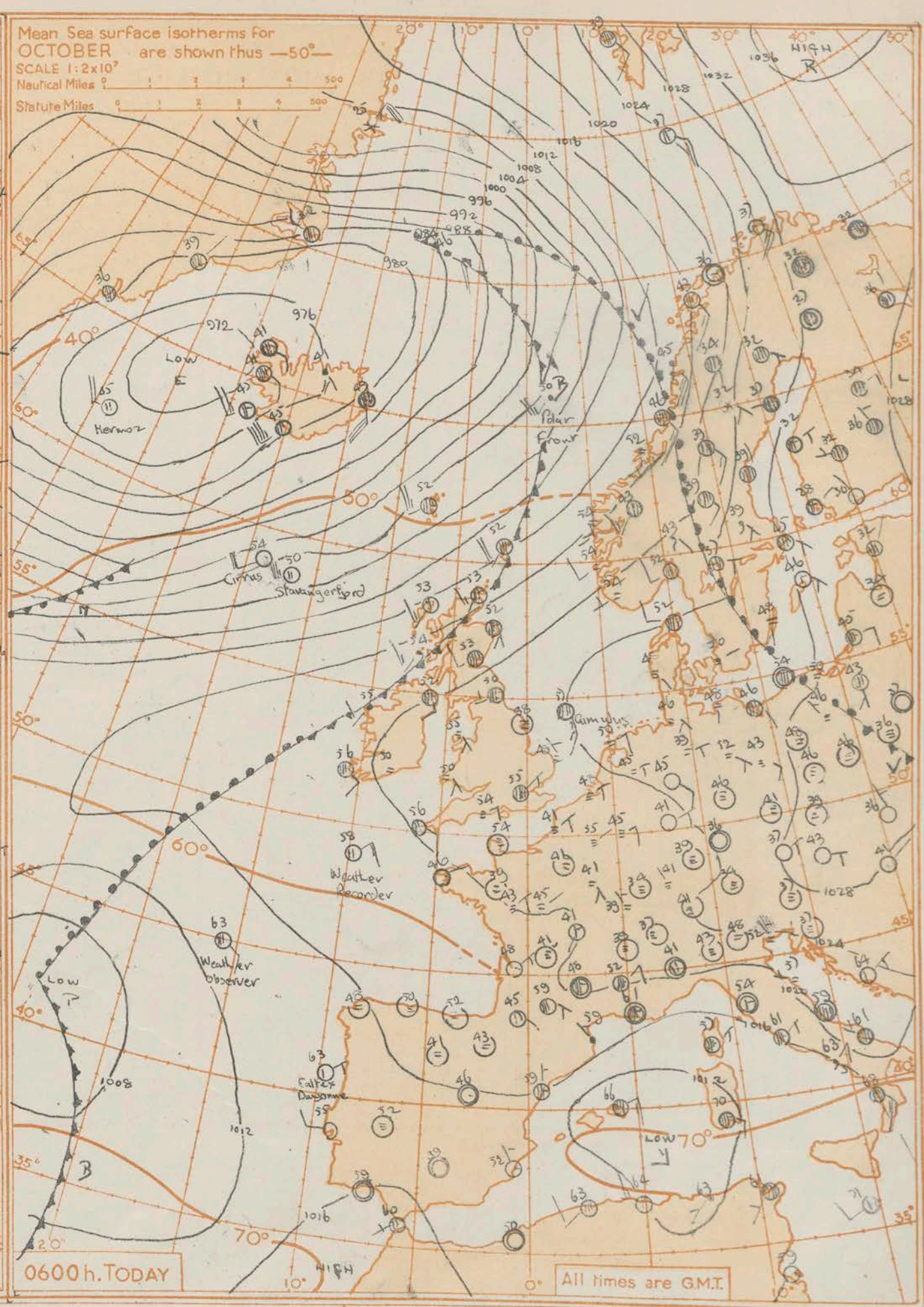
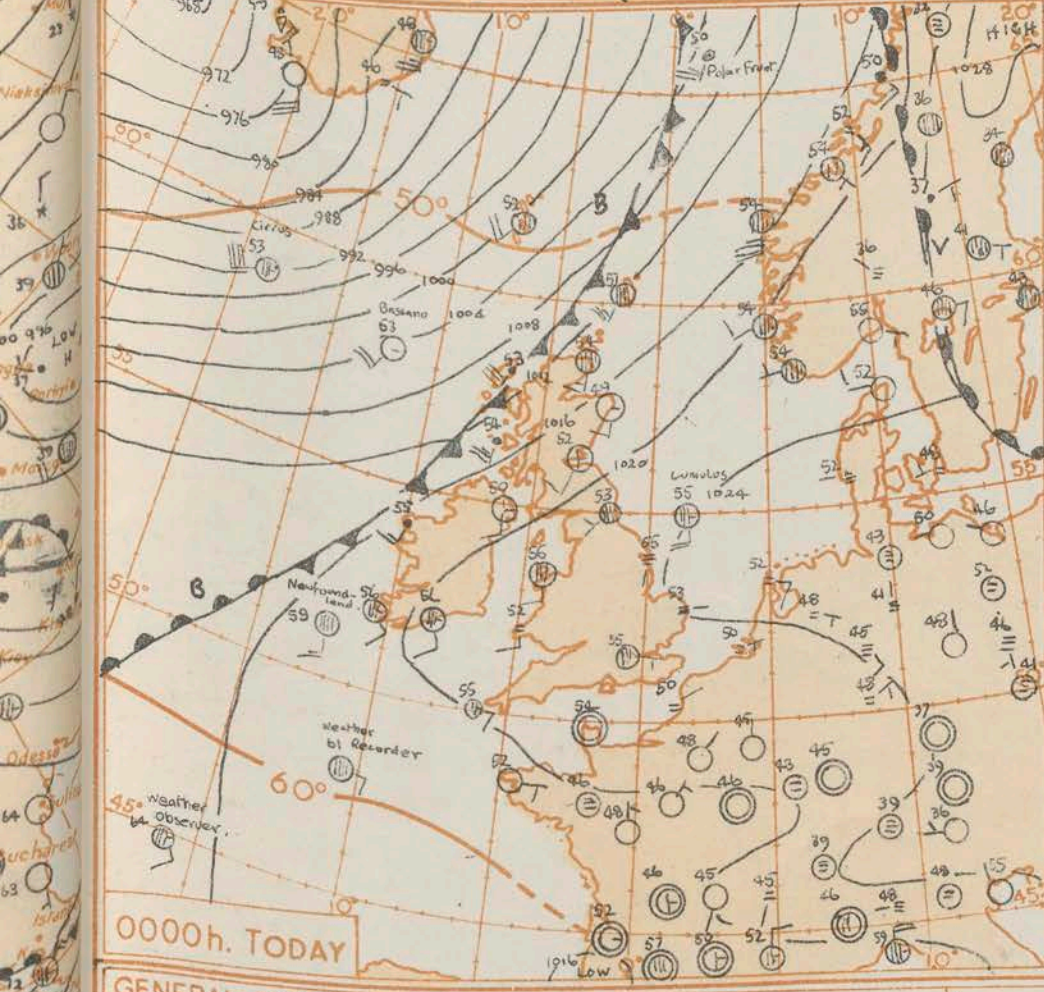
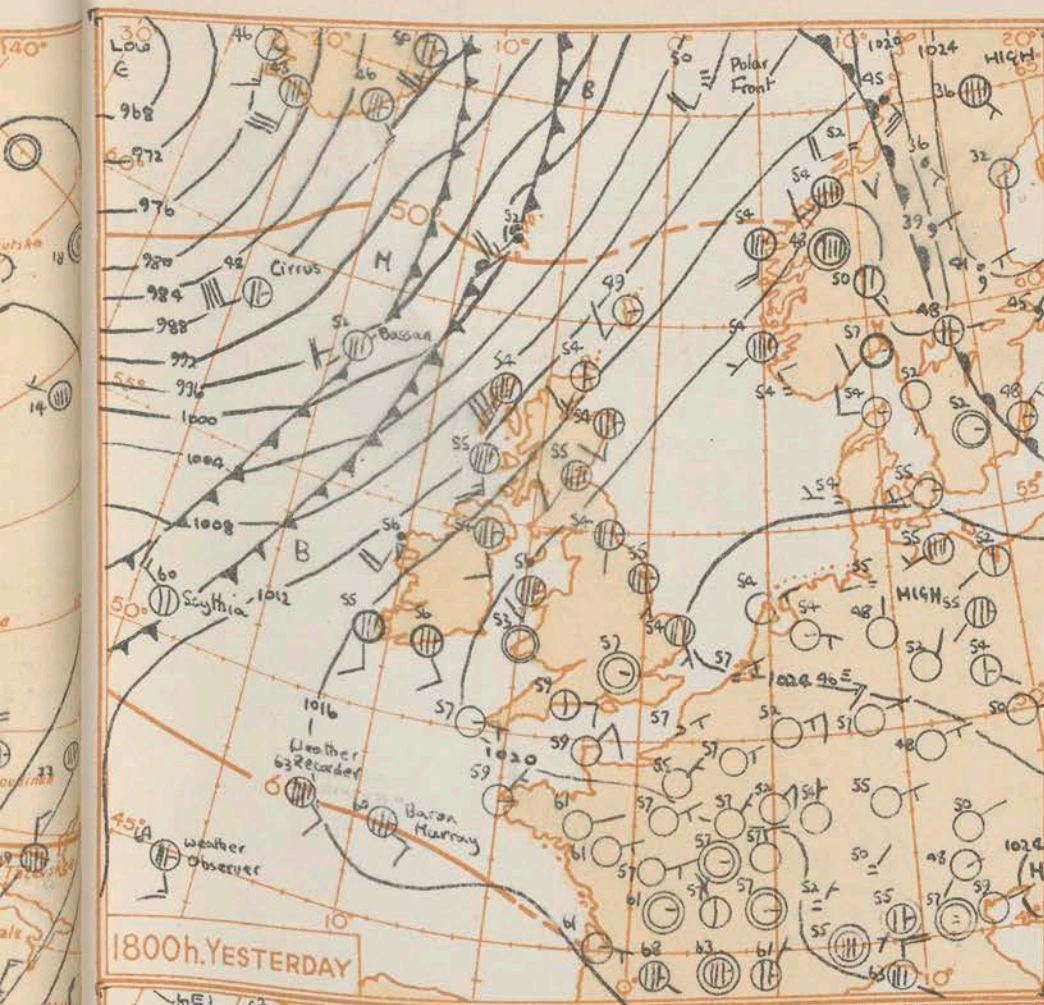


CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

A high pressure area over Europe is breaking up with a developing ridge moving south-east from north Scandinavia while the ridge extending westward over the British Isles has been maintained and is expected to change little. A cold front which moved slowly in over northwestern Scotland will probably weaken but another will approach the extreme northwest of Scotland as troughs around a filling depression near Iceland move eastward.

Issued at midday today Tuesday 8th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

The fairly widespread fog over England and Wales will clearing dense in places and clearing only very slowly tomorrow. Over south-east Scotland and north-western England, after a dry day with bright intervals, fog is likely tonight. The rest of Scotland and Northern Ireland will be mainly cloudy with some rain or drizzle chiefly in the west. It will become colder than of late over England and Wales, with temperatures near average elsewhere.

OUTLOOK FOR following 24 hours:
Little general change.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

[illegible]

00h. Ships Reports																											06h. Ships Reports																														
Code FM 21.A		Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar		Temp.		Waves		Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar		Temp.		Waves													
Direction	Speed					Visibility	Present	Past	Amount			Low	Height	Medium	High	Direction	Speed	Character & Change in 3 hours	Sea	Dew Point	Direction	Period	Heights					Direction	Speed	Character & Change in 3 hours	Sea			Dew Point	Direction	Period	Heights	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	Heights
LtLat	LoLo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTgTd	Tb	dwdwPw	Hw	LtLat	LoLo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTgTd	Tb	dwdwPw	Hw												
CIRUS	589	188	7	23	40	65	25	8	404	53	6	9	4	6	3	5	1	3	12	52	43	75	4	4	CIRUS	589	189	1	24	30	80	02	8	96	54	1	1	4	0	0	6	1	1	23	01	46	74										
WEATHER OBSERVER	456	159	7	15	10	98	03	1	148	64	2	5	6	3	-	0	0	2	04	52	59	14	3	3	WEATHER OBSERVER	451	160	6	12	12	98	03	1	140	63	2	0	9	3	2	0	0	7	05	53	55	13										
POLAR FRONT	600	020E	8	20	23	94	01	5	048	50	7	6	2	2	-	0	0	7	20	07	48	14	4	0	POLAR FRONT.	660	020E	8	21	26	96	61	6	000	50	7	7	3	2	-	0	0	7	22	01	45	19										
WEATHER RECORDER	483	101	6	11	11	98	01	2	185	61	8	5	6	-	-	1	4	4	00	50	56	11	X	4	WEATHER RECORDER	670	536	4	27	18	70	02	1	730	43	4	2	0	0	0	6	1	2	03	51	39	29										
CUMULUS	550	018E	7	17	18	70	04	2	232	55	7	5	4	0	0	3	3	1	02	01	53	19	3	2	CUMULUS	528	355	3	25	52	65	01	1	069	54	3	0	8	0	3	0	0	8	07	04	47	76										
MERMOR	619	328	4	26	27	65	01	2	732	43	4	4	4	0	0	8	1	1	04	55	39	31	4	6	MERMOR	440	410	8	32	04	65	02	2	260	60	8	5	5	-	-	0	0	6	02	50	47	36										
U.S. SHIP "C"	528	365	6	13	40	65	01	2	018	64	6	5	4	0	0	0	0	4	00	01	51	76	5	1	U.S. SHIP "C"	543	026E	8	17	14	50	02	2	235	57	8	5	5	-	-	3	0	2	03	01	54	17										
U.S. SHIP "D"	440	410	8	36	06	64	02	2	267	39	8	5	5	-	-	0	0	1	08	57	45	36	4	5	U.S. SHIP "D"	491	097	4	06	13	98	01	2	187	58	4	6	4	0	0	1	4	2	04	51	55	28										
BASSANO	685	121	1	22	22	94	01	1	029	53	0	0	9	6	0	2	5	3	30	01	47	23	5	7	BASSANO	586	168	4	25	37	97	01	0	011	50	2	2	4	5	3	6	6	2	20	54	46	24										
NEWFOUNDLAND	515	122	8	18	23	98	03	2	104	54	9	5	4	-	-	2	6	2	20	01	56	80	X	X	NEWFOUNDLAND	408	096	2	05	05	97	02	1	163	63	9	9	0	6	0	5	5	4	00	52	60	00										

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* Information not usually received.

H.M.S.O. Press, M.O. Dumfries

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Rain

24h. to 09h. m.

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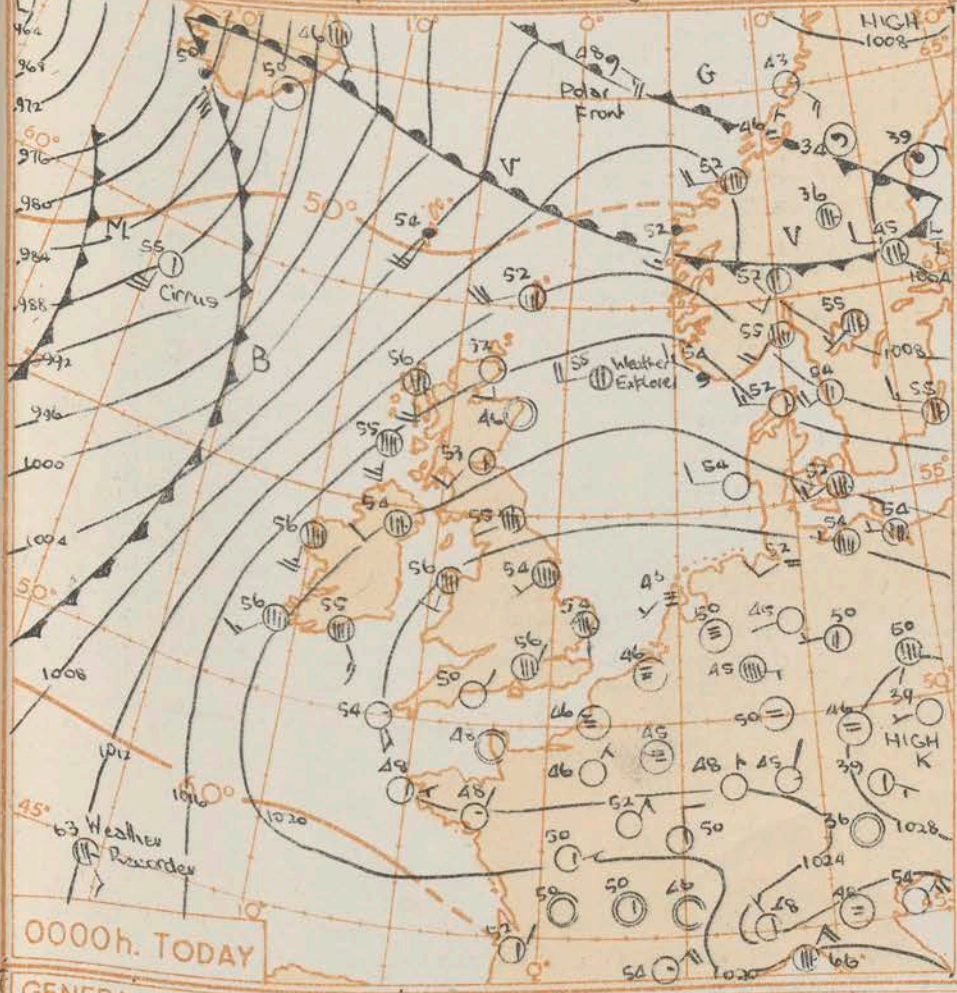
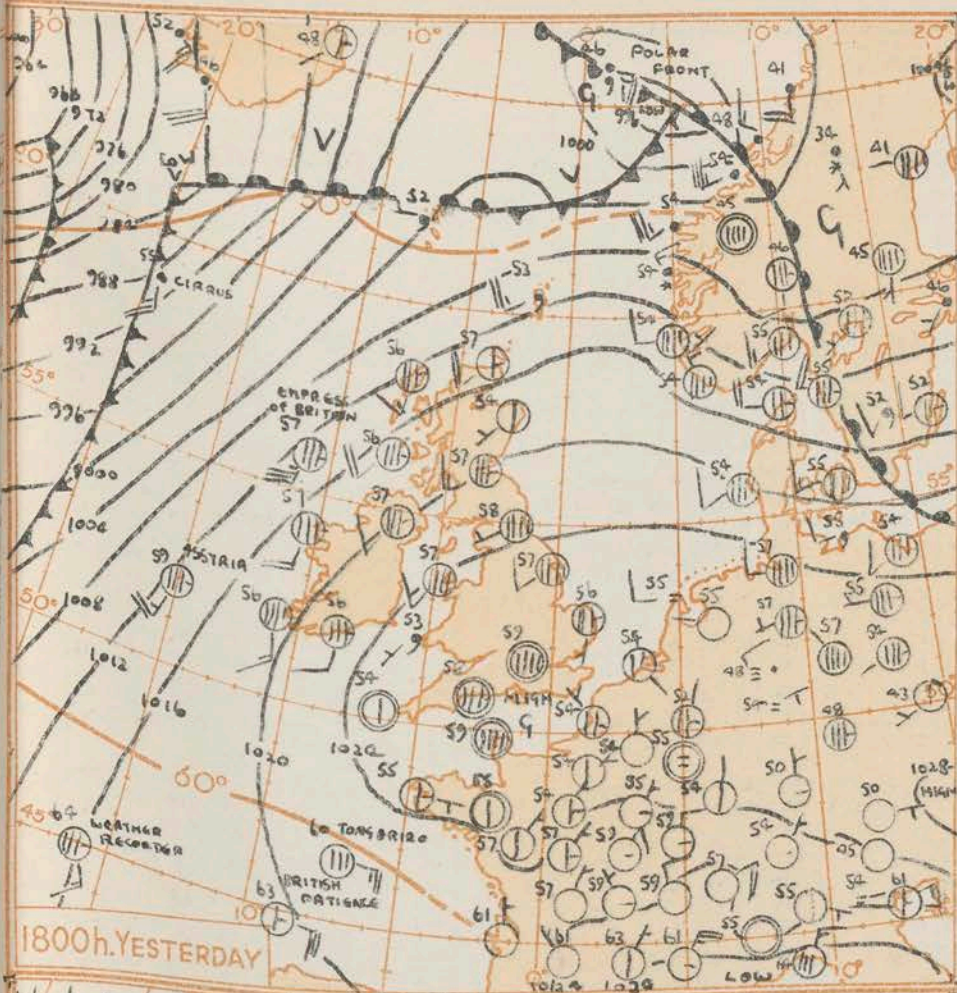
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GENERAL SYNOPSIS DEVELOPMENT

The anticyclone which was over north west France yesterday has been transferred to southeast Europe leaving a ridge across England and Ireland. This will persist with little change.

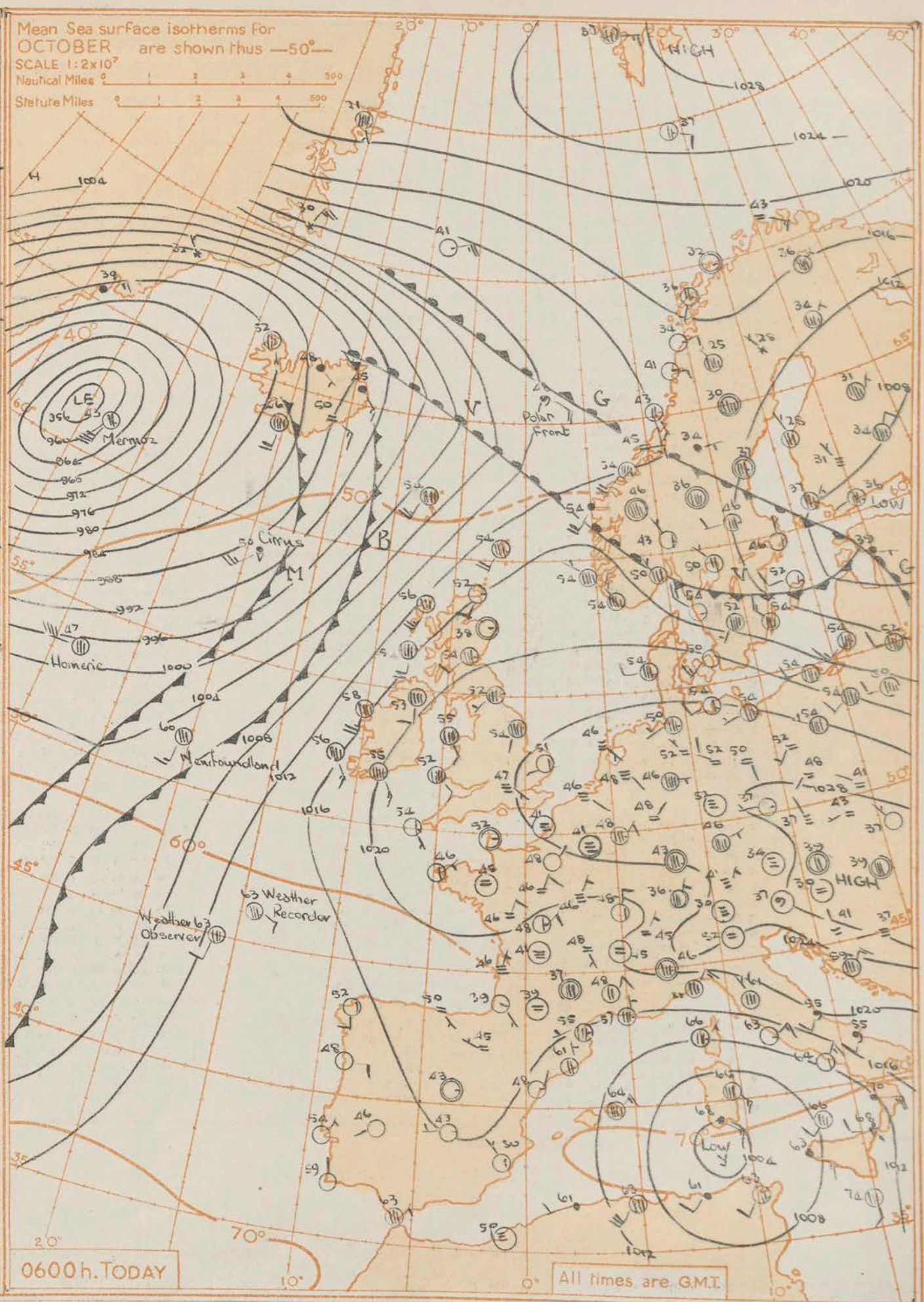
Issued at midday today Monday 7th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Apart from a little rain or drizzle in a few places in the west the weather will be dry and rather warm. Fog will develop fairly widely tonight over England and Wales and locally in south Scotland and Northern Ireland but will disperse tomorrow morning.

OUTLOOK FOR following 24 hours:

Occasional rain spreading into north Scotland. Probably dry and rather warm elsewhere though with much fog night and morning over England and Wales.



0600h. TODAY

All times are G.M.T.

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

SCALE 1:2x10⁷

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

[illegible]

00h. Ships Reports																								06h. Ships Reports																														
Code FM 21.A		LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar		Temp.		Waves			Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar		Temp.		Waves								
Ship	Direction				Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction	Speed	Character 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	Direction	Speed	Visibility	Present	Past	Amount	Low	Height		Medium	High	Direction	Speed	Character c Change in 3 hours	Sea	Dew Point	Direction
LatLat _s	LonLon _e	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CH	CH	D _s	V _s	a	pp	TsTs	TdTd	dwdw	PwHw	LatLat _s	LonLon _e	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CH	CH	D _s	V _s	a	pp	TsTs	TdTd	dwdw										
CIRROS	590	190	2	20	28	70	01	6	882	65	1	1	E	4	4	4	1	5	08	02	50	20	4	7	CIRROS	590	191	8	23	23	65	80	2	862	60	8	9	4	-	-	5	1	2	10	54	45	22							
WEATHER RECORDER	454	153	7	14	09	98	01	2	147	63	7	5	6	-	-	1	4	7	10	51	54	11	-	WEATHER RECORDER	461	143	7	11	12	98	02	2	129	63	7	5	6	-	-	1	4	3	02	51	55	11								
POLAR FRONT	660	020E	8	12	24	96	50	5	055	68	8	6	2	-	-	0	0	2	27	52	45	13	4	3	WEATHER OBSERVER	452	157	7	19	12	98	02	2	124	63	7	5	5	-	-	5	2	6	00	53	50	15							
WEATHER OBSERVER	450	151	8	17	09	98	02	2	144	63	8	5	5	-	-	5	3	7	20	51	54	15	3	4	POLAR FRONT	660	020E	8	12	21	94	58	5	080	48	8	6	2	-	-	0	0	2	14	51	46	12							
MERMOZ	615	326	6	21	44	80	03	2	605	41	6	2	4	0	0	4	1	4	41	60	37	71	4	0	CUMULOS	571	010	1	21	17	75	03	0	189	54	1	5	5	0	0	3	5	2	09	01	50	21							
U.S. SHIP "C"	528	355	2	27	08	69	01	1	066	48	2	2	5	3	0	0	0	0	02	57	40	78	5	1	MERMOZ	613	328	5	19	40	70	02	8	615	43	5	2	4	0	0	4	1	4	01	58	41	71							
U.S. SHIP "D"	440	410	8	34	18	69	02	8	193	61	8	8	5	-	-	0	0	2	20	56	51	34	4	6	U.S. SHIP "C"	528	355	2	27	60	69	01	1	026	49	2	2	5	0	0	0	0	1	17	56	38	78							
CUMULOS	579	020	0	24	15	75	02	0	173	55	0	0	9	0	0	3	4	2	12	03	48	21	3	3	U.S. SHIP "D"	440	410	8	34	17	69	02	2	206	60	8	8	5	-	-	0	0	3	07	57	47	35							
REGENT ROYAL	441	224	8	20	09	96	53	5	075	64	8	5	4	-	-	5	4	7	20	54	64	19	-	-	HOMERIC	535	283	6	27	40	98	01	1	963	47	6	6	4	0	0	6	6	5	00	61	45	26							
WEATHER EXPLORER	536	014E	4	26	20	99	01	2	188	55	2	5	7	3	0	5	4	3	15	03	49	26	3	4	NEWFOUNDLAND	518	106	6	20	13	99	03	1	242	60	6	0	9	7	-	2	6	2	20	55	55	19							

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* Information not usually received

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

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue Wednesday 9th October 1957

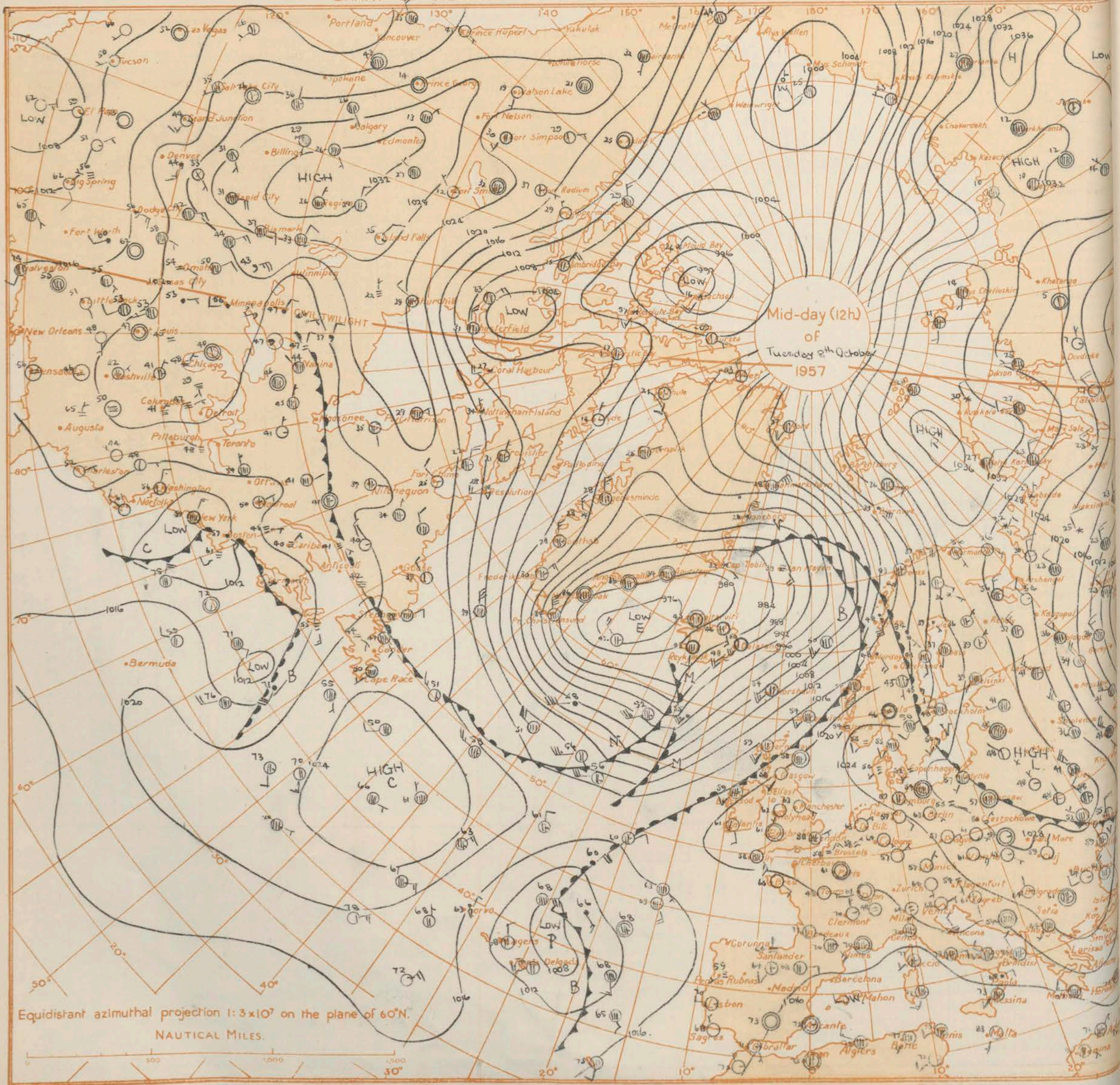
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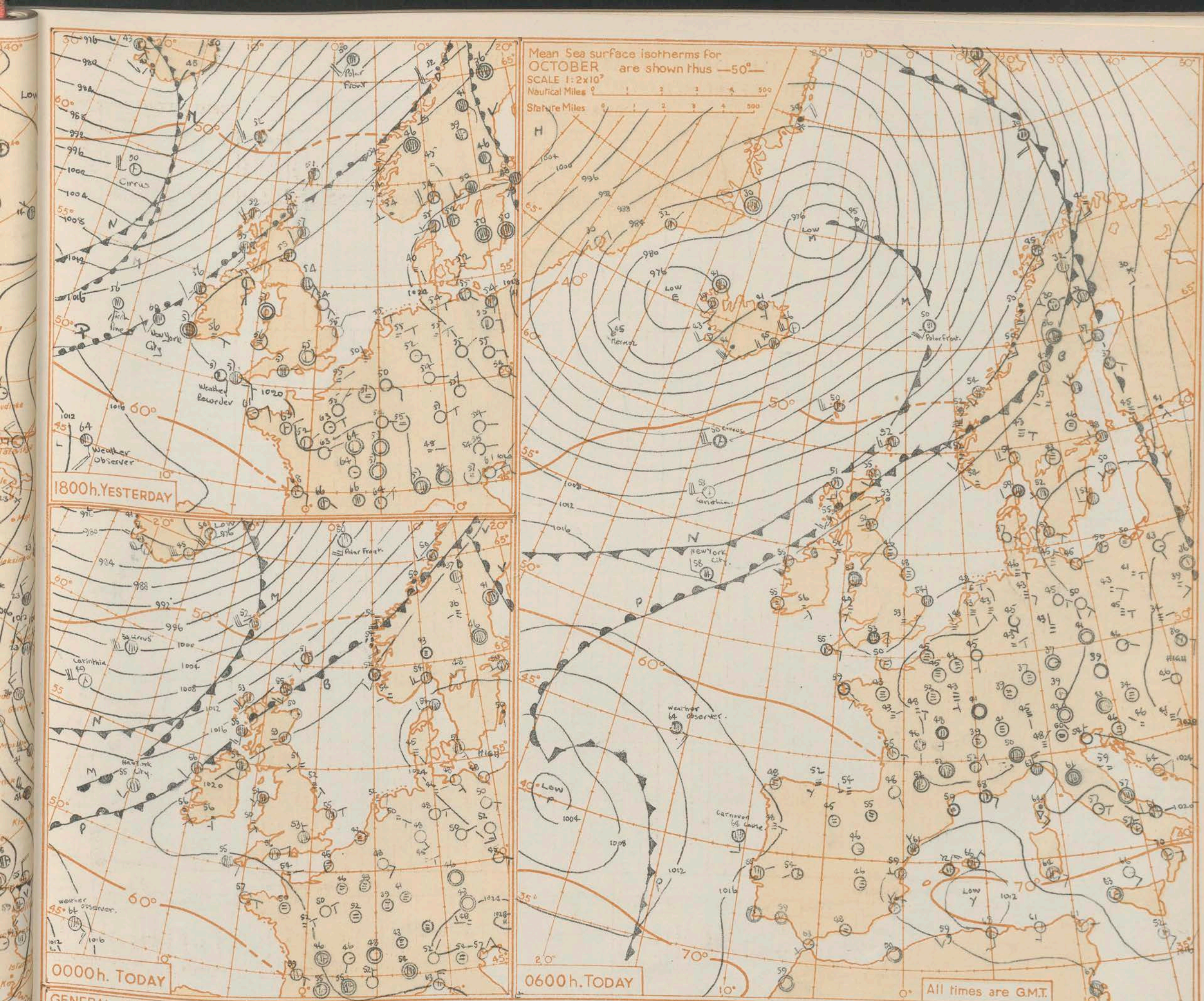
All times of observation printed in this publication are GREENWICH MEAN TIME.

* 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 weakly anticyclonic pressure distribution over most of the British Isles appears likely to give way slowly to a cold front trough approaching from the northwest, but a wave depression on this front is first expected to cross northern parts of Scotland.

Issued at midday today Wednesday 5th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Over much of England and Wales, after fog early, weather will remain dull and misty but in some areas, chiefly over southern England and west Wales, some sunny intervals are expected. Tonight fog will reform in many areas, become dense locally, and be slow to clear tomorrow. Tonight rain is expected to move southwards over Scotland and across Northern Ireland to reach northern England tomorrow with cooler weather, bright intervals and some scattered showers following.

OUTLOOK FOR the following 24 hrs.

Less foggy. Scattered showers in north otherwise dry in most areas.

No. 35021

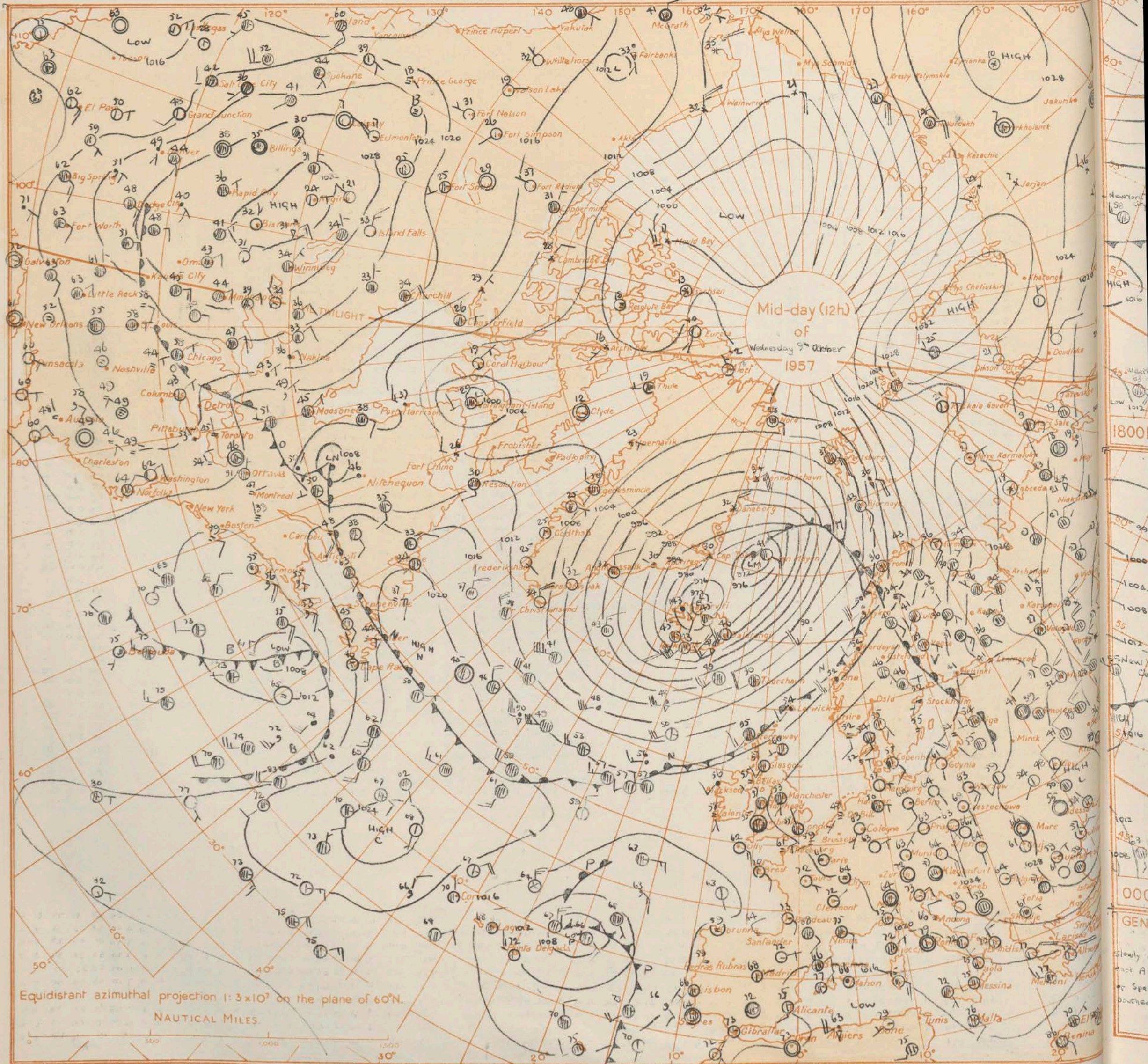
		12h. Ships Reports																				18h. Ships Reports																			
Code F.M.21.A		Ship		LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud			Course		Bar		Temp.		Waves																	
	Direction						Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction	Speed	Character ^c	Change in 3 hours	Sea	Dew Point	Direction	Period	Height														
dwdw	TsTd	LaLaLa	LoLoLo	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw															
		CIRRUS	589	191	5	25	33	60	80	8	013	48	5	9	4	0	3	6	1	3	04	53	41	75	4	2															
75		WEATHER OBSERVER	450	158	8	10	15	96	51	5	140	63	6	6	3	-	-	0	0	2	06	53	61	31	9	5															
21		POLAR FRONT	660	080E	7	21	27	97	10	2	011	50	5	5	4	5	-	0	0	4	00	01	46	21	7	8															
13		MERMIOZ	618	324	6	34	14	65	25	8	270	43	4	9	4	6	2	0	0	2	29	52	39	32	4	5															
20		U.S. SHIP "C"	528	355	5	23	34	69	80	2	714	50	5	2	4	0	0	0	0	1	08	52	40	77	5	0															
71		U.S. SHIP "D"	440	410	8	14	06	69	03	1	233	62	3	5	6	7	-	0	0	0	00	52	50	03	5	5															
30		U.S. SHIP "B"	565	510	6	32	20	69	02	2	169	51	6	2	4	0	1	0	0	1	05	57	26	32	4	6															
00		U.S. SHIP "E"	350	480	7	18	09	72	02	2	207	72	1	2	5	0	8	0	0	2	08	01	51	02	5	4															
		ASSYRIA	536	340	7	20	34	98	02	2	117	49	4	7	4	3	0	6	5	7	12	54	40																		
		CRONTES	400	097	5	15	09	99	00	2	116	44	8	5	7	-	-	2	6	0	00	53	54	34	7	4															
																			</																						

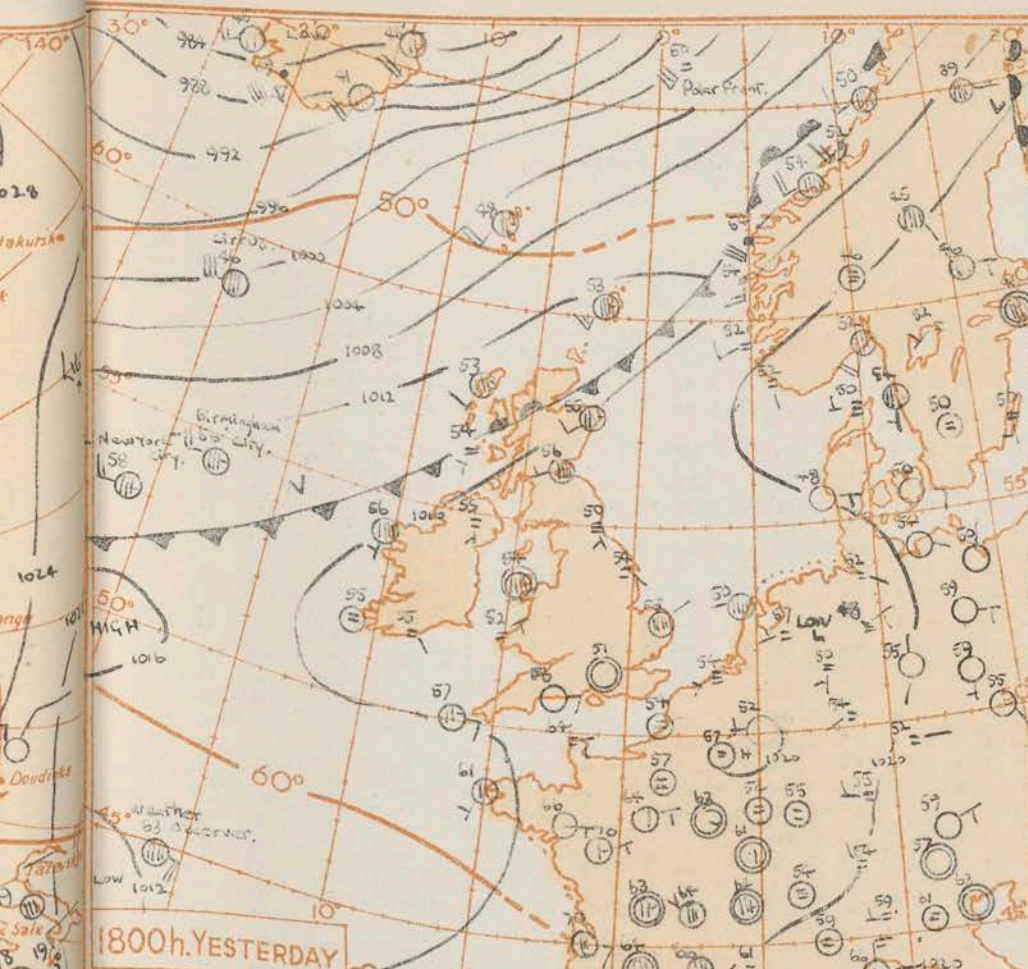
All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

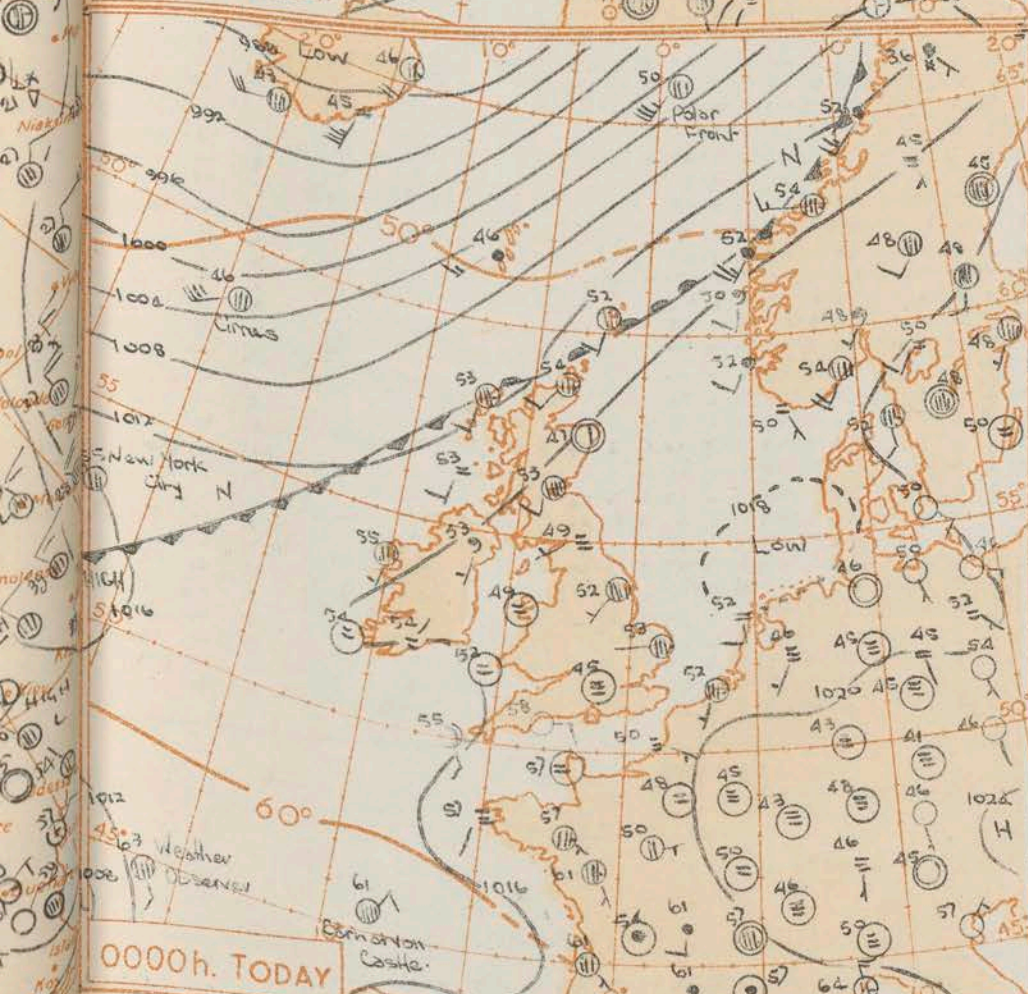
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





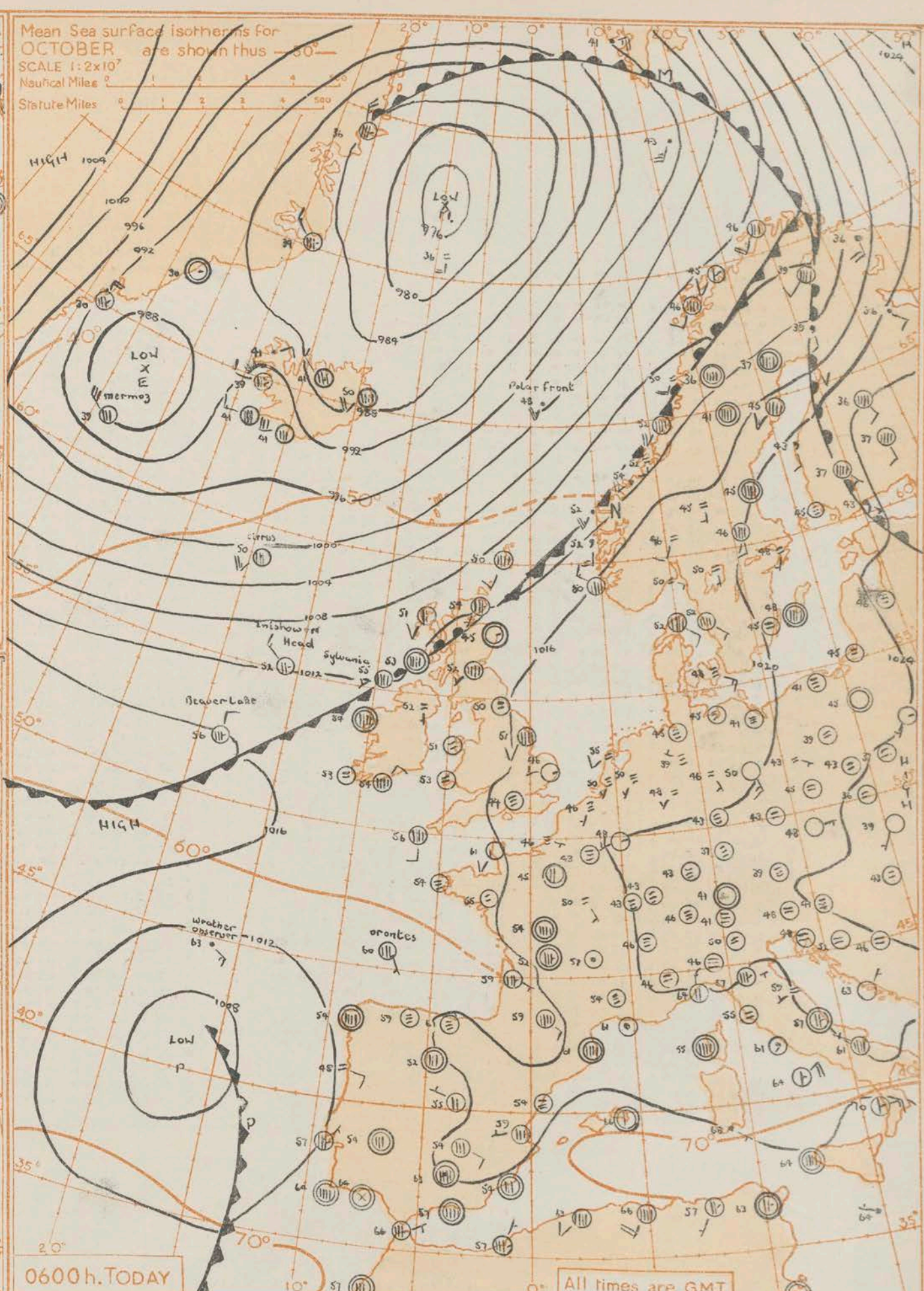
1800h. YESTERDAY



0000h. TODAY

GENERAL SYNOPTIC DEVELOPMENT

The major part of the depression near Iceland yesterday has moved slowly north. The cell now to the west of Iceland is expected to fill and move east with a trough over the east Atlantic probably inducing a wave on the weak front over northern Britain later. The depression west of Spain is now expected to steer slowly north-east to the Biscay area with troughing extending to southern Britain.



0600h. TODAY

FORECAST FOR BRITISH ISLES until noon tomorrow

Mainly dry and bright over the southern half of the British Isles but outbreaks of rain may move north from France to affect some southern counties, more especially the southwest. Northern districts of Britain will have rather cloudy weather with scattered rain showers but also bright periods and the showers will become more frequent in Scotland. Fog patches will probably recur over central and southern areas.

OUTLOOK FOR following 24 hours.

Rain or showers in the north. Outbreaks of rain in places in the south.

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

No.

Code F.M. 1Station

* Information not usually received

No. 35027

1957

Temp.		Wind		Direction	Speed
Ta	Td	Force	Direction		
33	36	7	2		
34	45	12	2		
34	39	21	2		
37	31	26	2		
35	35	30	2		
31	36	30	2		
30	31	35	2		
30	34	35	2		
34	48	35	2		
34	42	30	2		

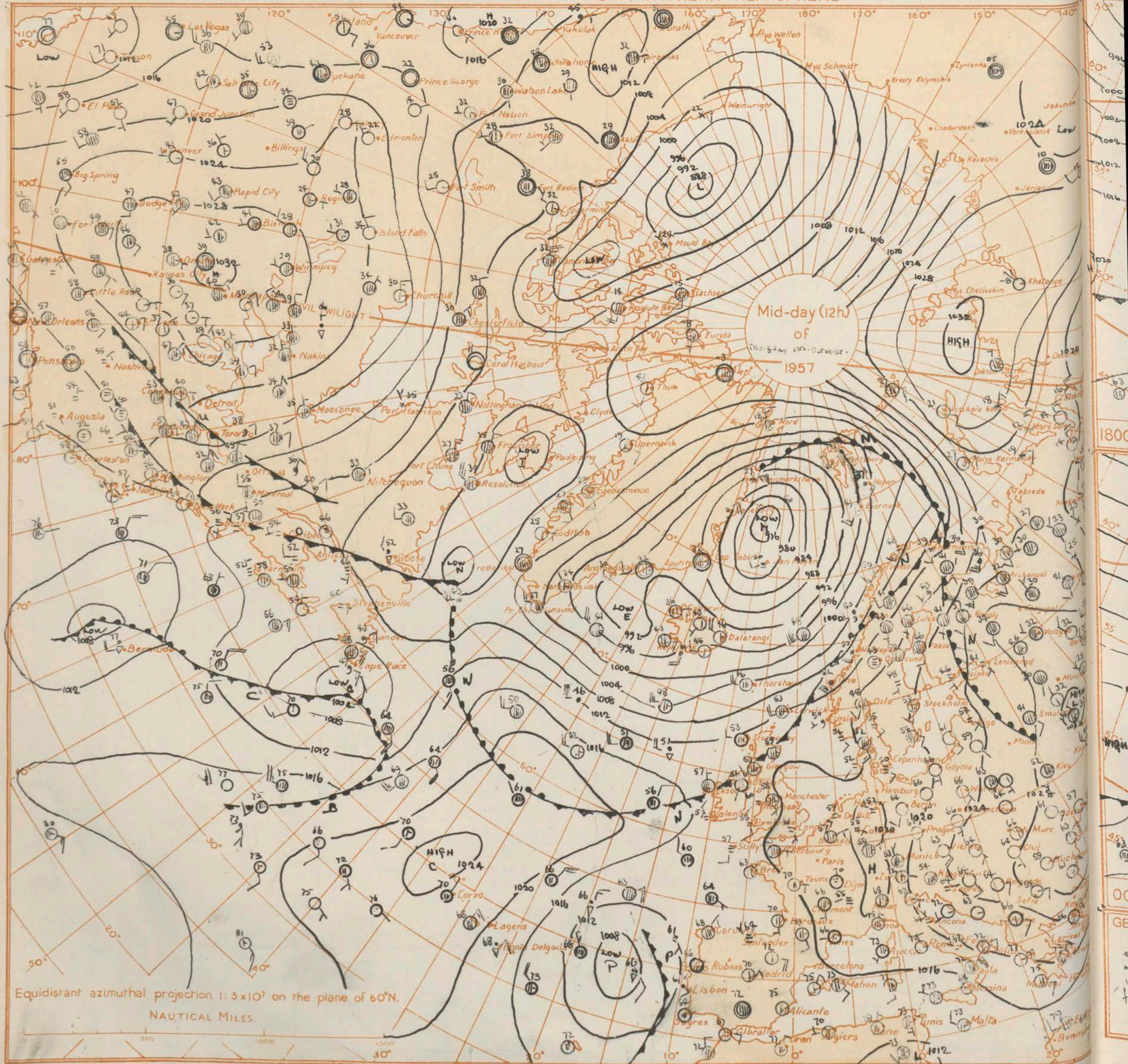
54	54	35
00	48	30
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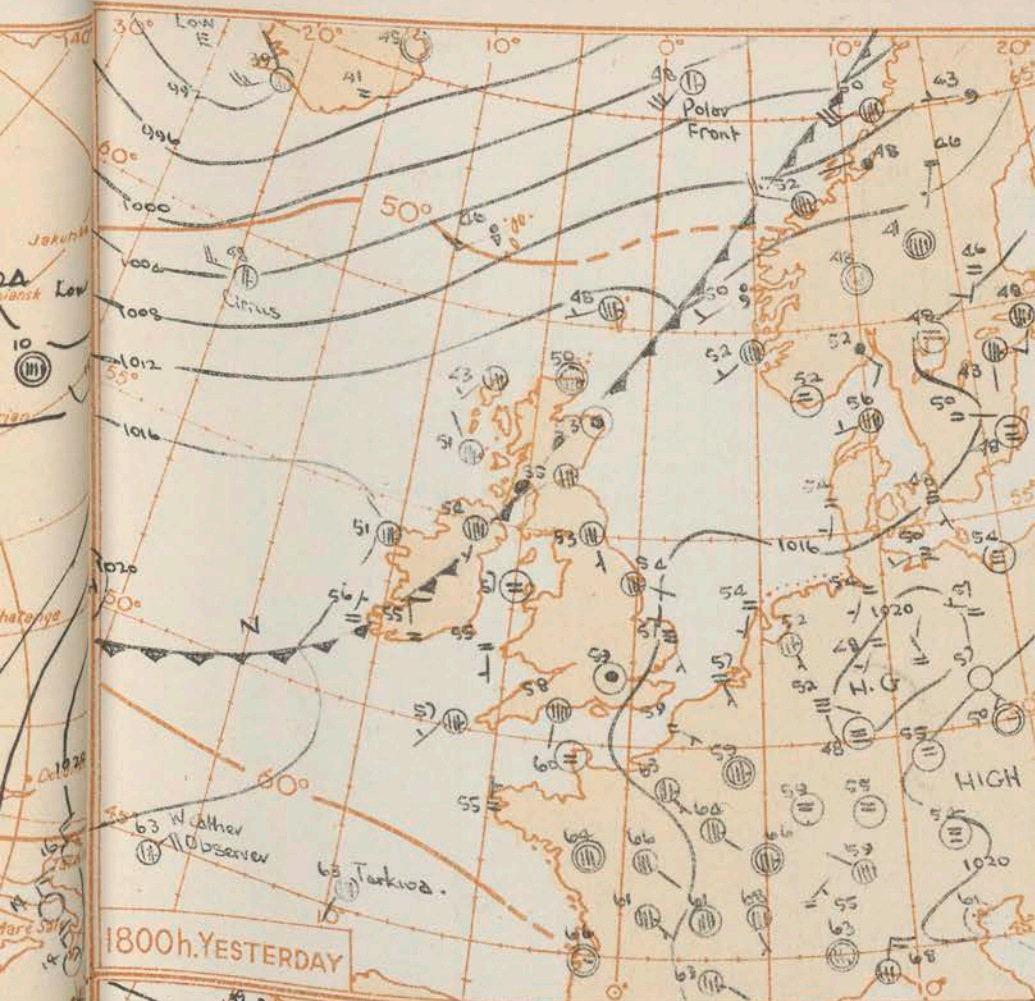
* Information not usually received.

2	2
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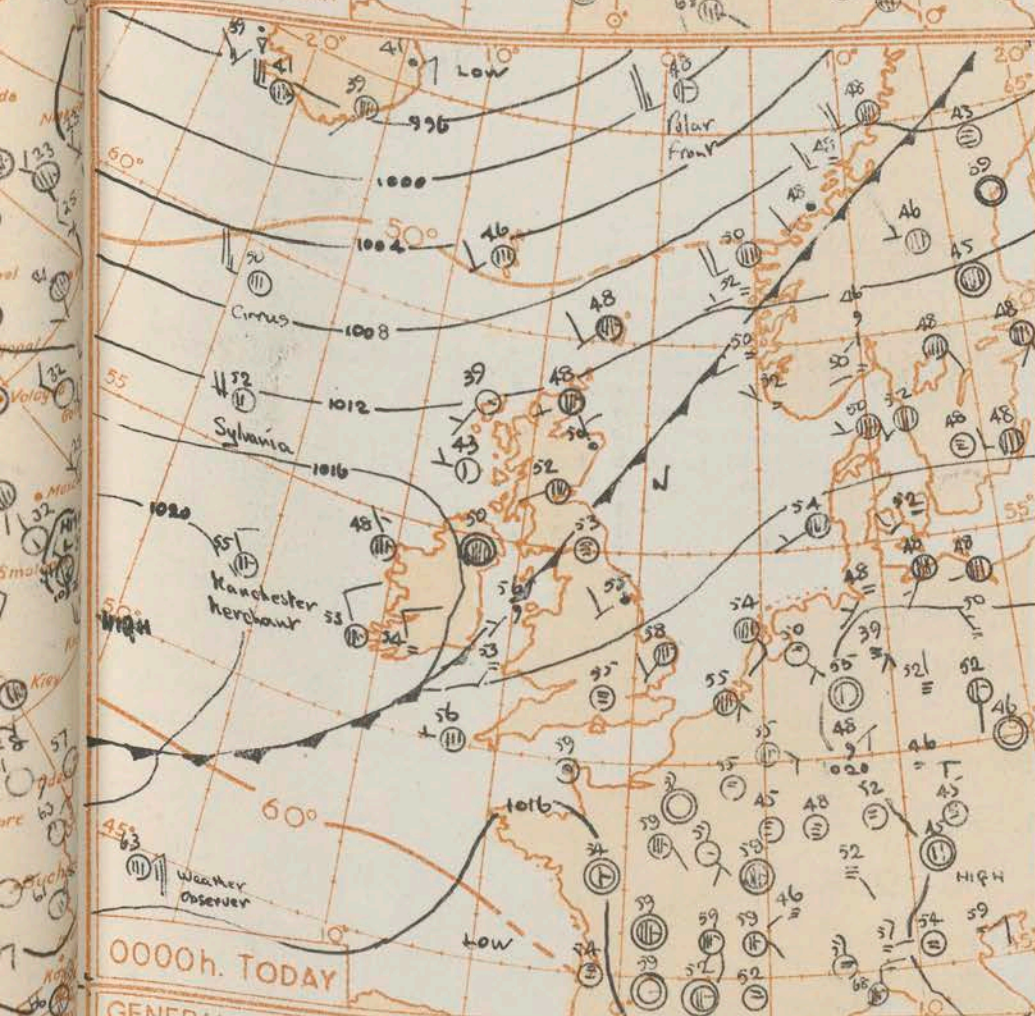
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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



1800h. YESTERDAY



0000h. TODAY

GENERAL SYNOPTIC DEVELOPMENT

The low complex from Labrador to south of Newfoundland early on the 10th has progressed eastwards with a main centre now moving northeast towards Iceland. Ahead of this system a broad southwesterly stream will probably intensify the ridge of high pressure as it crosses the British Isles from the west accelerating the cold front across southern Britain.

Issued at midday

today Friday 11th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Rather cloudy weather at first in southeastern England and some mist or fog patches later at night. Over the remainder of the British Isles mainly bright with scattered showers at first becoming fine with some ground frost and fog patches at night. Mistsy cloudy, however in the northwest. Temperatures about average.

OUTLOOK FOR following 24 hours:-

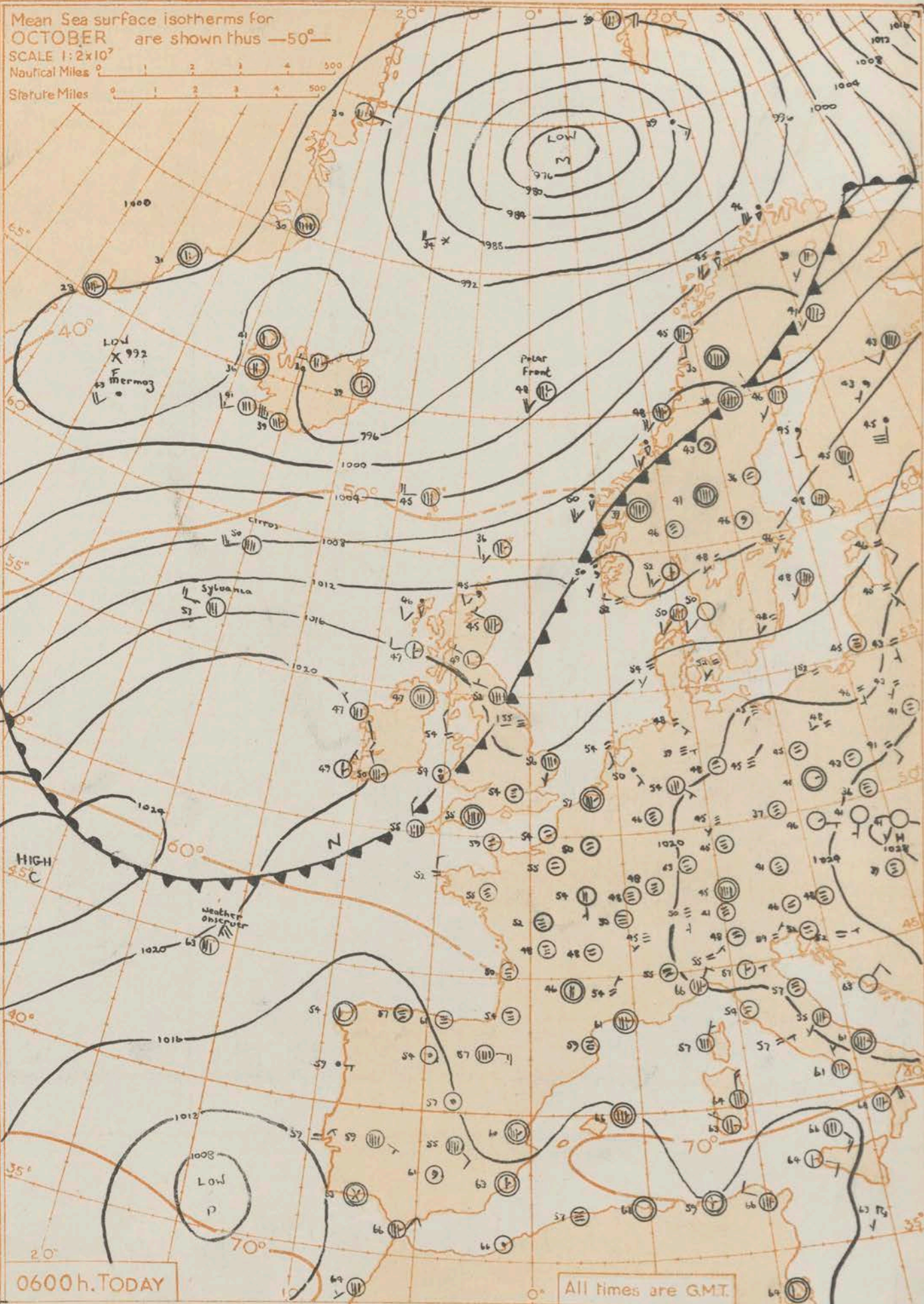
Dry in the southeast. Probably becoming generally cloudy elsewhere with some rain or drizzle chiefly in the north.

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

SCALE 1:2x10⁷

Nautical Miles

Statute Miles



0600h. TODAY

All times are GMT.

Date of Issue: Saturday 12th October. 1957

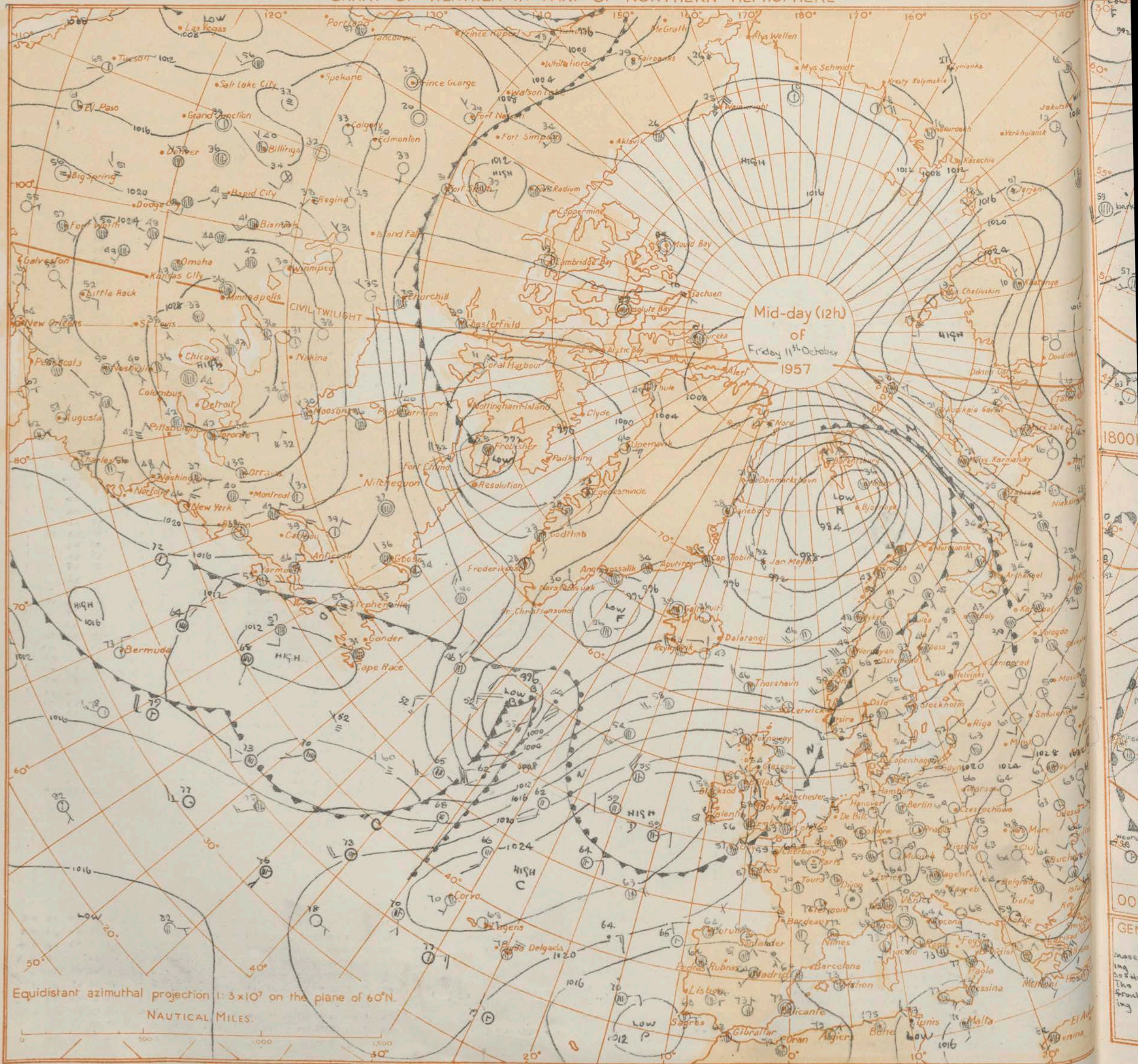
Code F.M.21.A		12h. Ships Reports																				18h. Ships Reports																													
Ship	LAT.	LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves		Ship	LAT.	LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves											
			Direction	Speed	Visibility	Present	Past	Amount			Low	Height	Medium	High	Direction	Speed			Character	Change in 3 hours				Sea	Dew Point	Direction	Period	Height	Direction			Speed	Visibility	Present	Past	Amount	Low			Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
LatLong	LatLong	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw	LatLong	LatLong	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw		
U. S. SHIP "B"	5105	510	8	29	26	69	02	8	011	40	2	1	A	5	0	0	0	2	17	54	32	29	2	5	CIRRUS	589	191	8	21	26	70	02	2	576	52	4	2	5	2	-	5	1	6	18	01	46	25	4	8		
U. S. SHIP "C"	528	355	8	18	26	53	51	6	960	55	5	6	2	-	-	0	0	6	14	05	54	16	3	6	WEATHER OBSERVER	448	161	2	04	19	98	02	1	219	63	2	8	5	0	0	0	0	3	04	53	54	06	2	5		
U. S. SHIP "D"	444	431	9	27	12	04	45	4	100	60	0	1	0	-	-	6	4	2	17	02	57	26	3	6	POLAR FRONT	660	0206	7	26	23	97	81	8	961	98	7	9	4	-	-	0	0	2	05	55	02	26	4	4		
U. S. SHIP "E"	350	480	7	20	13	69	02	2	175	75	2	8	5	-	-	0	0	2	10	03	70	20	4	4	HERMOZ	624	324	4	35	12	80	02	8	926	46	4	8	4	0	0	0	0	1	02	52	41	24	4	8		
CIRRUS	590	191	7	25	24	70	02	8	094	58	3	2	5	-	-	6	1	0	09	01	46	26	4	4	U. S. SHIP "C"	528	355	9	29	14	18	50	4	980	54	9	-	0	-	-	0	0	2	15	02	54	20	6	4		
WEATHER OBSERVER	444	160	7	04	22	98	03	8	216	63	1	8	5	-	-	0	0	1	13	53	56	03	3	5	HANKATO	485	302	8	19	38	97	20	5	091	62	6	5	5	2	0	5	0	7	34	51	59	19	5	6		
POLAR FRONT	660	0206	4	24	13	77	25	8	463	46	4	9	4	0	0	0	0	1	06	53	39	24	6	3	AMERICAN CLIPPER	505	716	8	23	05	98	02	2	254	57	8	5	4	0	0	6	5	03	54	44	23	3	2			
HERMOZ	623	374	6	26	10	70	03	6	924	46	5	9	4	7	0	0	0	1	05	51	42	24	4	3	CITY GUARDSVILLE	945	092	2	04	12	97	03	0	193	64	4	1	6	0	0	8	4	2	02	51	57	04	3	2		
SYLVANIA	566	230	6	23	24	98	03	1	130	54	6	2	4	-	-	6	6	7	10	51	46	x	x	x	WARKWORTH	537	220	8	17	18	98	02	2	103	59	1	5	0	9	0	0	4	7	14	02	57	19	2	5		
NEW YORK CITY	539	343	8	13	30	46	63	6	453	56	3	6	2	-	-	6	3	6	20	05	56	18	3	3	TARKWA	901	112	6	12	07	97	01	1	144	63	0	1	0	3	0	4	5	4	03	35	00	20	0	0		
All times of observation are in local time.																																																			

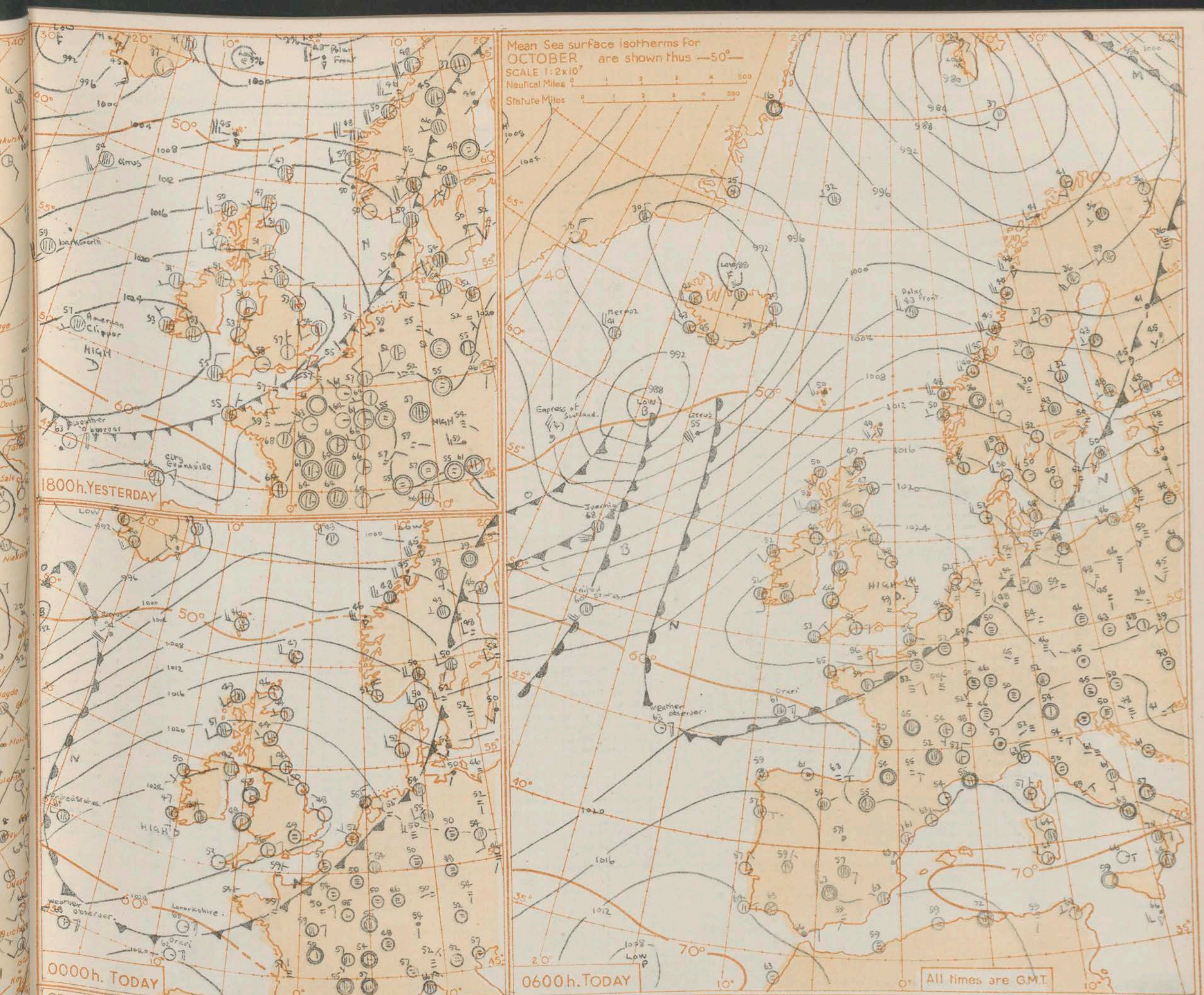
All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

A small anti-cyclone which developed off south west Ireland moved eastwards over England and Wales with a ridge of high pressure to the north swinging quickly across Scotland. A depression over the Atlantic moved north eastwards to the south of Ireland and a complex series of fronts approached western districts of British Isles. The general eastward movement of the major system is expected to continue with a warm front crossing most districts of the British Isles and the associated main cold front reaching northern districts of Scotland.

Issued at mid day today Saturday 13th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Over England and Wales, fine weather today will give way to cloudy weather with occasional rain or drizzle reaching north west districts later this evening and extending to all districts tomorrow, though rainfall amounts in the south and south east are likely to be very small. Dull weather with periods of rain over northern Ireland and western Scotland will spread to eastern Scotland later today and tonight. Brighter showery weather will probably reach northern districts tomorrow morning.

OUTLOOK FOR following 24 hours

Showers and bright periods extending southwards over much of the British Isles. Perhaps remaining dull with a little rain at intervals at times in the south.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

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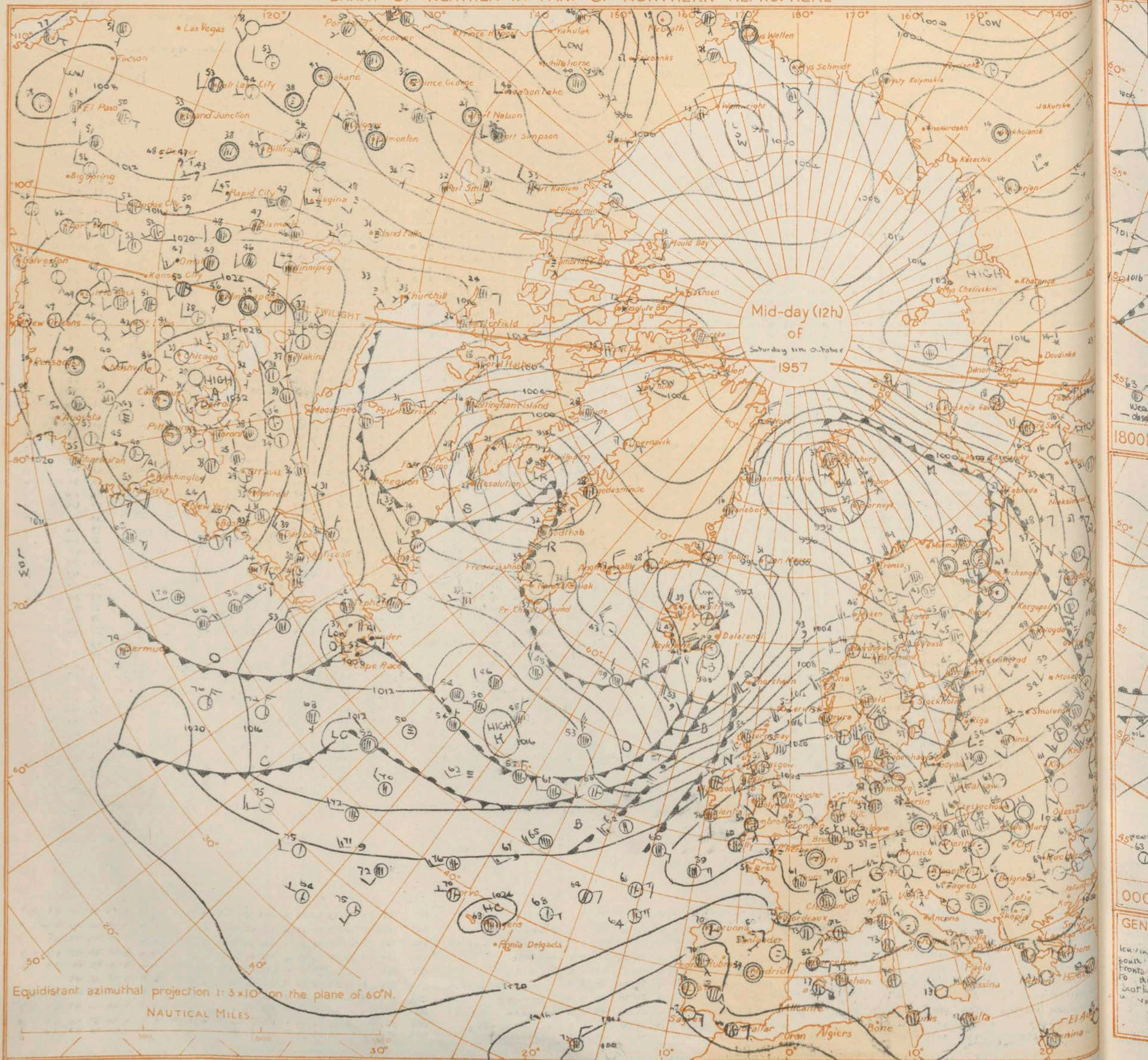
00h. Ships Reports																											06h. Ships Reports																										
Code FM 21.A							Wind		Weather						Cloud		Course		Bar		Temp.		Waves										Wind		Weather						Cloud		Course		Bar		Temp.						
Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character °C	Change in 3 hours	Sea	Dew Point	Direction	Period	Height	Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character °C	Change in 3 hours	Sea	Dew Point	Direction						
	Lat/Lat	Lo/Lo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	n	CM	CH	Ds	Vs	a	TsTs	TdTd	dwdw	Pw	Hw		Lat/Lat	Lo/Lo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	n	CM	CH	Ds	Vs	a	TsTs	TdTd	dwdw	Pw	Hw						
CIRUS	S70	199	8	20	27	60	68	6	023	59	7	7	2	2	-	4	1	7	31	01	52	25	4	8	CIRUS	S88	190	8	21	20	60	61	6	949	55	7	7	2	2	-	5	1	4	32	01	54	73						
OBSERVER	948	162	2	04	18	78	02	0	232	62	2	2	5	0	0	0	0	2	02	51	55	04	3	4	OBSERVER	948	162	1	06	20	78	01	0	270	63	1	1	5	0	0	0	7	05	54	50	05							
POLAR FRONT	660	020E	4	32	20	59	15	2	006	43	0	4	4	-	-	0	0	2	26	53	37	30	4	9	POLAR FRONT	660	020	6	28	13	49	21	8	017	43	6	8	2	-	0	0	2	24	36	32	20							
MERMOR	624	324	7	32	17	62	25	2	950	41	7	8	5	-	-	0	0	3	17	58	03	31	4	2	MERMOR	622	300	7	28	22	60	03	8	966	41	7	2	5	0	0	5	1	3	23	53	31	30						
U.S. SHIP 'C'	528	355	8	34	32	62	02	5	062	50	8	6	4	-	-	0	0	2	39	52	47	27	3	6	U.S. SHIP 'C'	528	355	7	34	17	65	02	2	115	50	7	5	4	0	0	9	0	2	14	51	43	30						
LAWARKSHIRE	4EB	081	1	03	13	98	01	0	222	60	1	1	4	0	0	8	5	1	02	51	52				LAWARKSHIRE	444	081	8	05	13	99	03	2	210	64	6	7	5	1	-	8	5	3	05	03	57	31						
UNITED STATES	497	185	6	23	12	99	03	1	080	61	6	4	4	0	0	6	7	7	20	00	50	29	3	4	IYERNIA	532	249	8	19	40	77	02	8	014	58	8	7	3	-	-	6	7	6	60	51	56							
ORARI	452	085	1	05	16	99	01	1	206	62	1	1	6	8	0	8	5	2	15	03	57	31	5	6	UNITED STATES	494	223	8	21	25	98	03	2	137	60	8	8	-	-	8	9	7	37	52	57	21							
STRATHNAVER	456	077	5	07	15	78	02	2	216	60	4	2	8	6	-	5	6	0	00	54	54	07	2	2	EMPERESS OF SCOTLAND	562	313	5	32	24	78	52	2	037	47	5	5	5	-	-	2	7	2	04	68	40							
ARMONDEL CASTLE	436	093	0	04	20	97	01	2	200	62	0	0	9	0	0	5	7	4	00	52	57				CAROMIA	488	249	8	19	24	97	02	2	150	64	8	7	3	-	-	1	7	2	01	01	61							

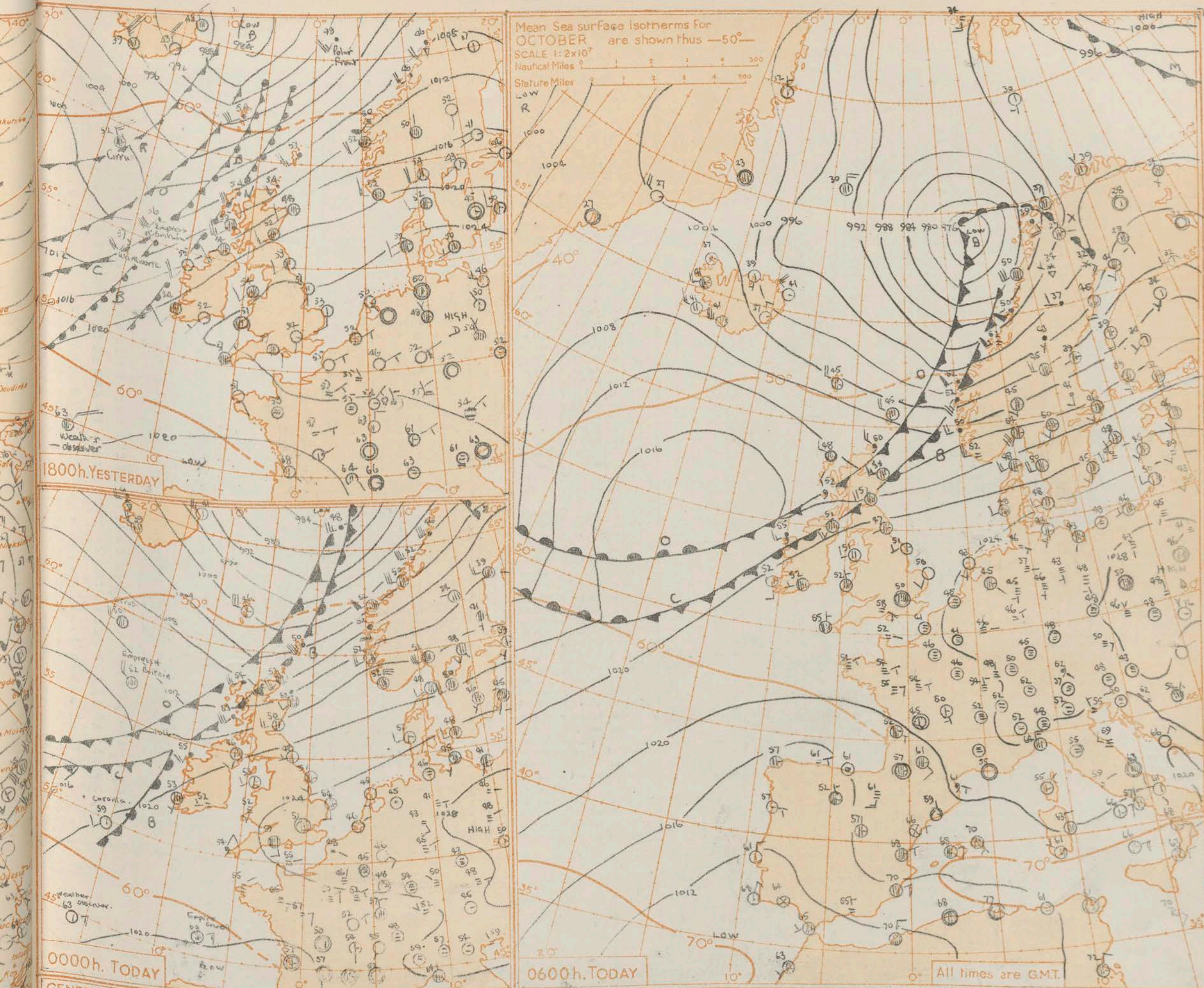
* Information not usually received

Date of Issue: Sunday 13th October 1957

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPSIS DEVELOPMENT

An anticyclone over the continent moved slowly eastwards, leaving a ridge of high pressure over England and Wales. A deep depression to the south of Ireland moved north-eastward and intensification still further. The ridge moved eastwards across Northern Ireland and Scotland. A ridge immediately to the west of the British Isles will move eastwards while the cold front over Scotland moves slowly east over northern England before returning in the west as a warm front.

Issued at midday today Sun. 13th Oct. 1957

FORECAST FOR BRITISH ISLES until noon tomorrow
Southern districts of England and Wales will have dry weather with variable cloud and rather extensive mist and fog at night. Southern Scotland and Northern England and Northern Ireland will have mostly cloudy weather with a little rain or drizzle at times. In northern Scotland it will be dry with bright periods. Temperatures will be above average.

OUTLOOK FOR the following 24 hrs

Dry in most districts with variable cloud and mist or fog in the south at night. A little rain or drizzle at times in some northern areas.

H.M.S.O. Press, M.O. Dv

OBSERVATIONS during DAY

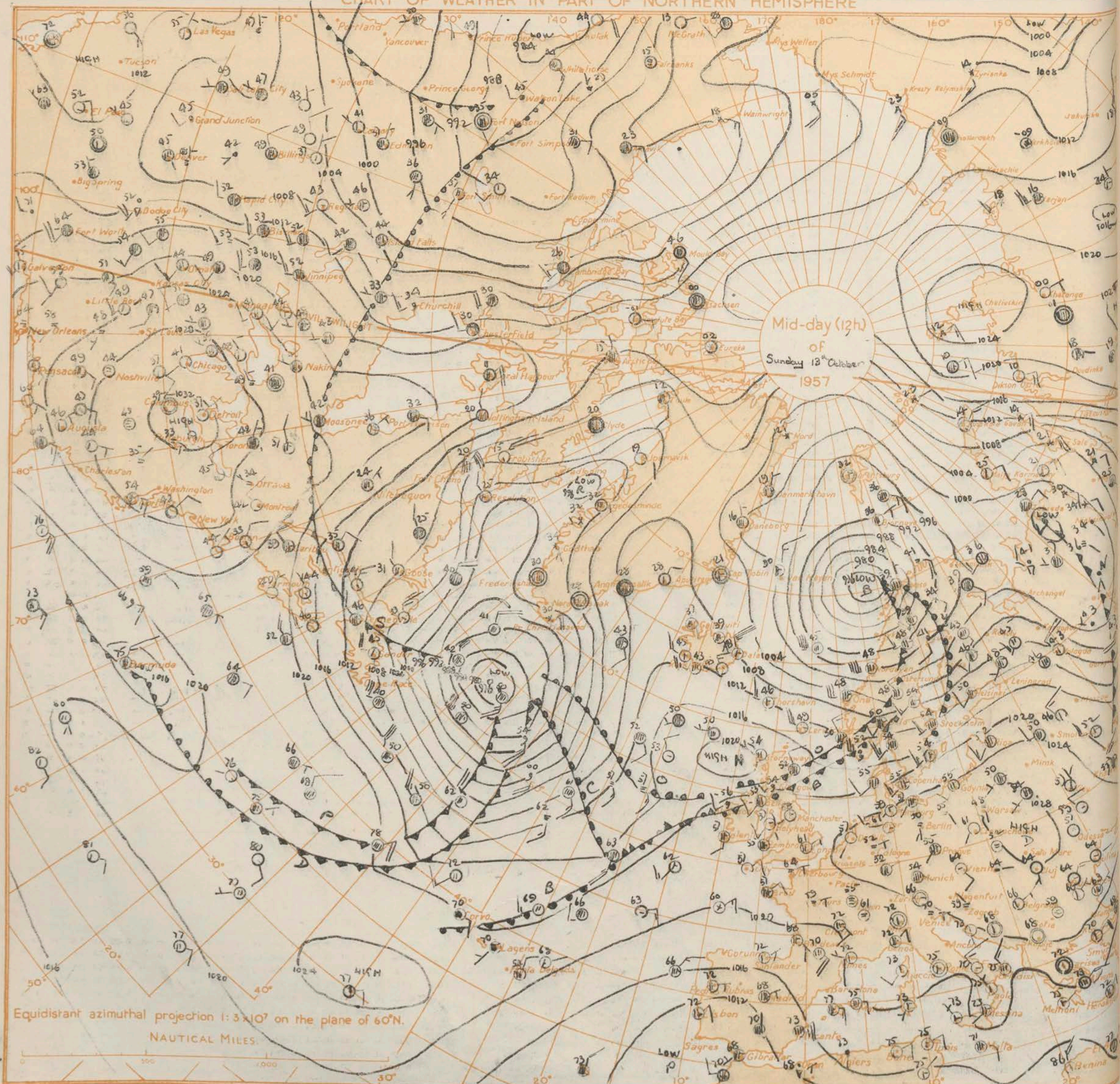
18h. Ships Reports

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

* Information not usually received.

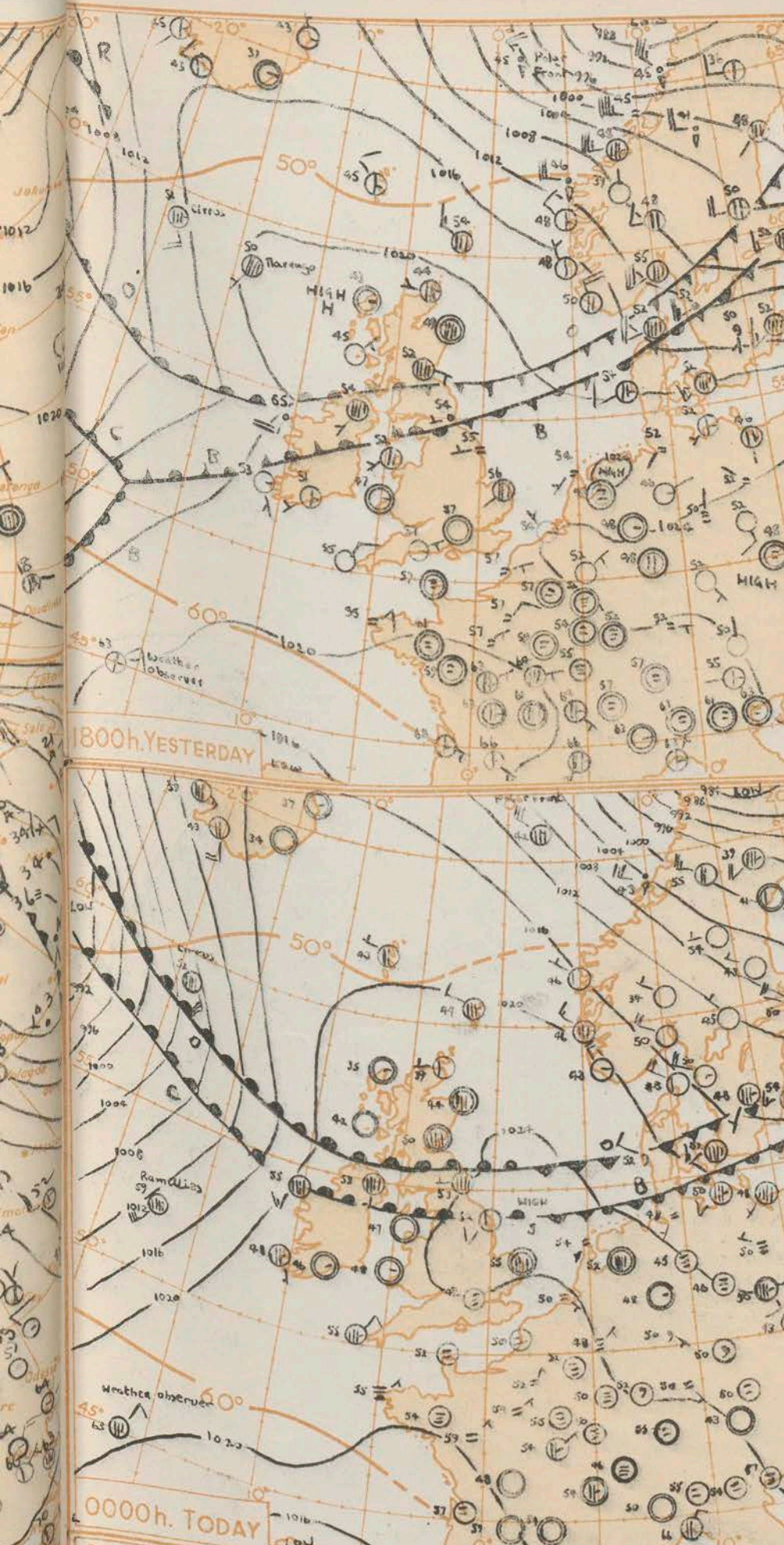
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

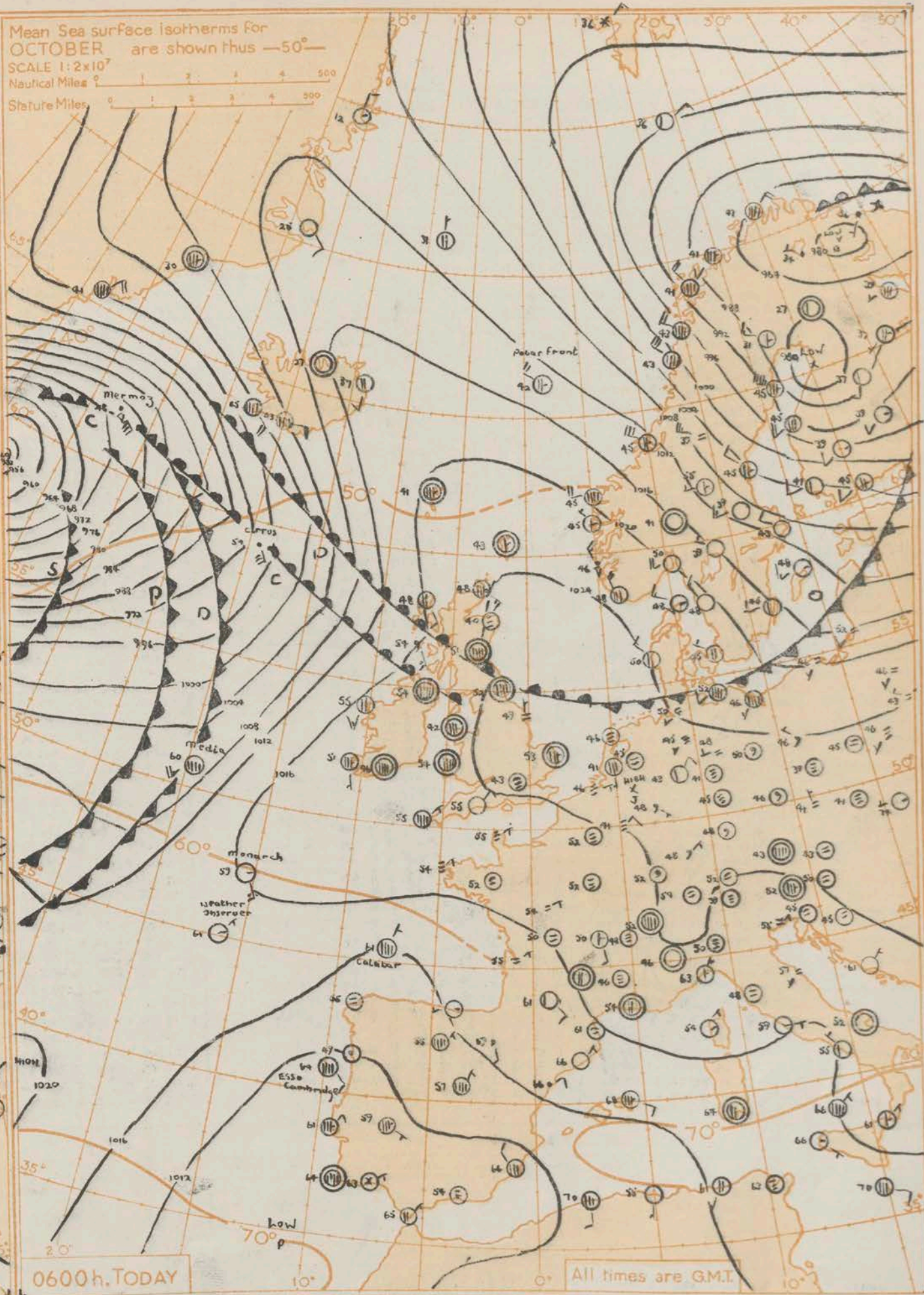


Equidistant azimuthal projection 1:3x10⁷ on the plane of 60°N.
NAUTICAL MILES.

GENI
yester
North
in
approach
over



Mean Sea surface isotherms for
OCTOBER 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 ridge of high pressure has crossed the British Isles since yesterday morning and is moving away eastwards. The front which became stationary over Northern Ireland and Scottish border yesterday is now moving north east over Scotland. An intense depression has developed over the north west Atlantic and an associated cold front may be approaching Northern Ireland and western Scotland tomorrow morning. The anticyclone developing over western Europe will maintain relatively high pressure however over England and Wales.

Issued at midday today Monday 18th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

This afternoon will be warm and sunny over England and Wales; mist and fog however will reform this evening and tonight, probably clearing gradually tomorrow morning. Mainly cloudy over Scotland and Northern Ireland, with a little rain or drizzle in north and west but with a few bright periods this afternoon in east.

Following 24 hours:

GU DRUMMOISTON reports of the British Isles apart from mist and fog during night morning. Chance of rain and drizzle in north today.

H.M.S.O. Press, M.O. Dul

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue.. Tuesday, 15th October.....1957

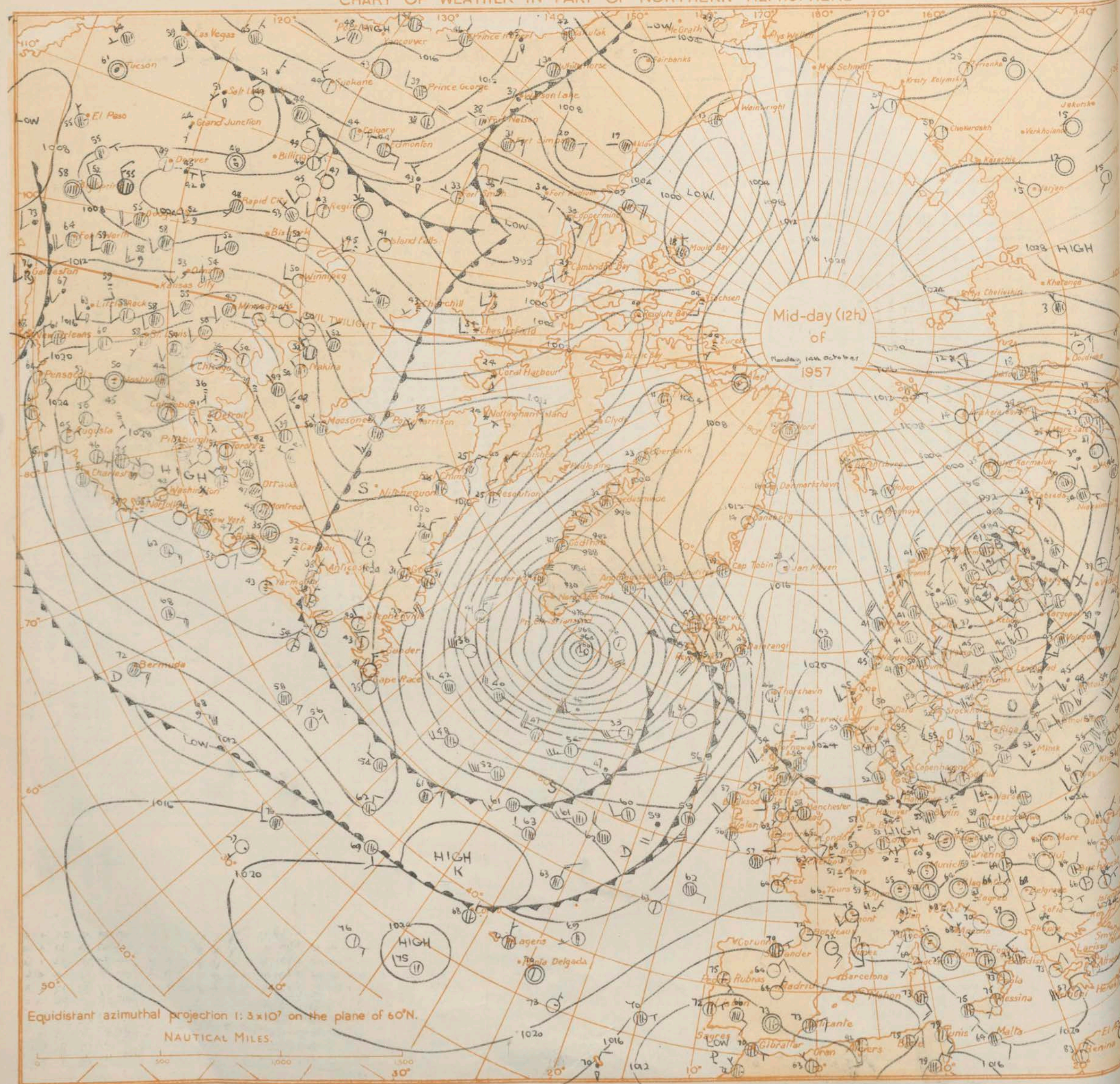
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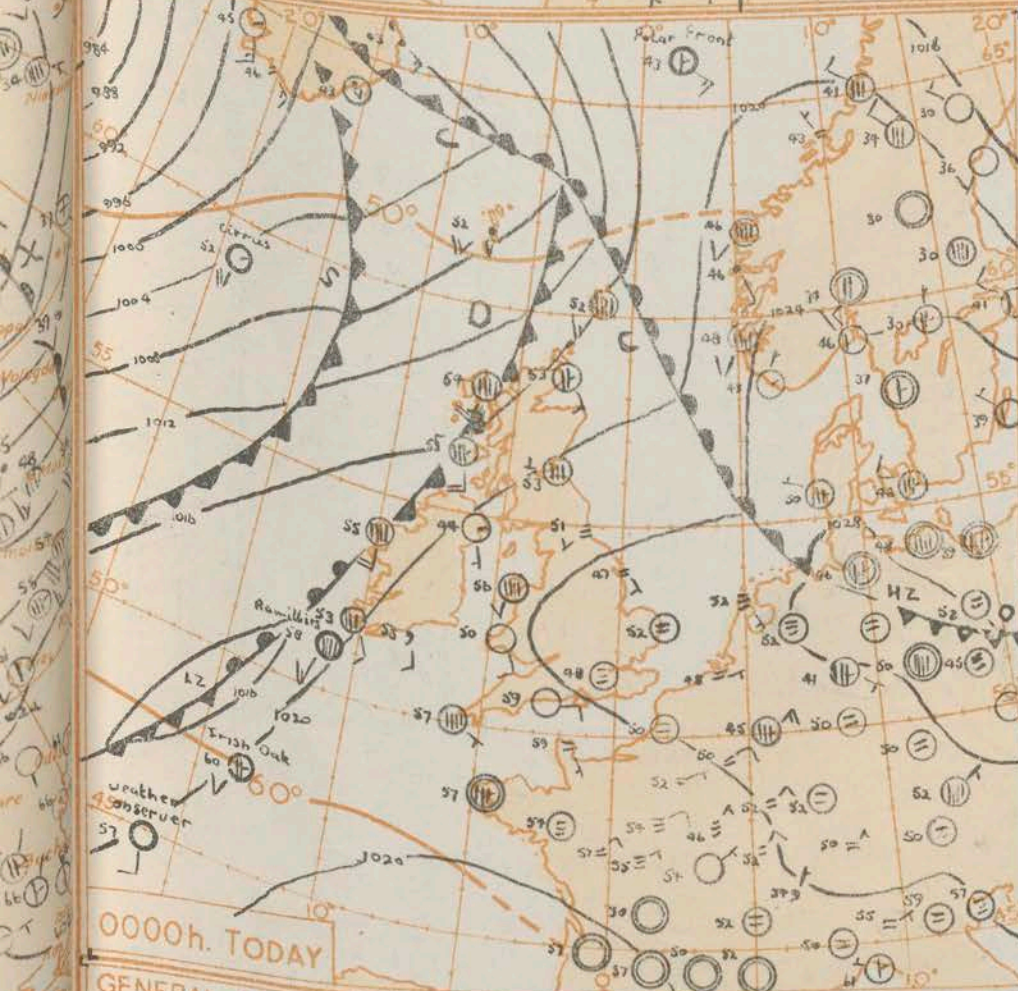
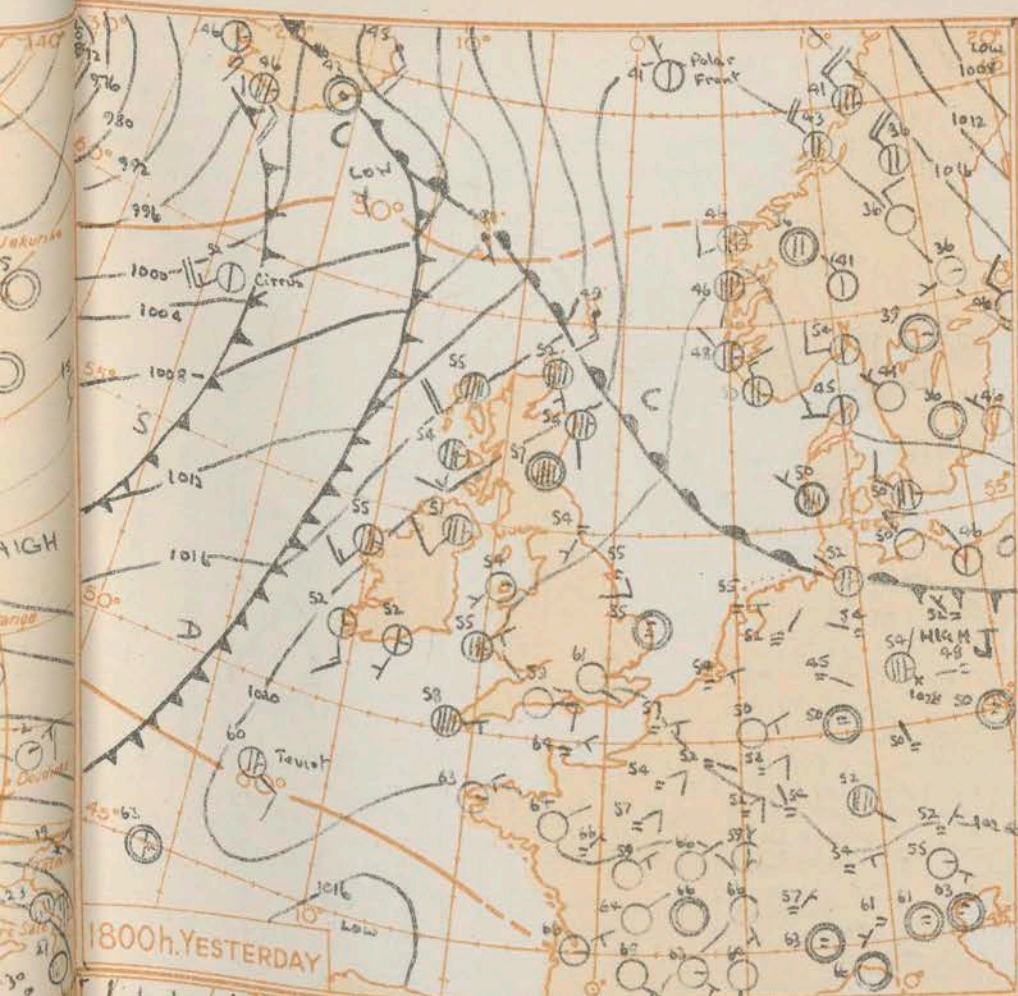
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01	01	CIRROS	389	189	1	26	23	70	02	6	019	54	0	0	3	0	1	6	1	2	32	01	46	15	4	7				589	184	2	23	24	70	01	6	03	52	1	8	4	4	0	0	2	05	01	42	25	4	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
02	04	WEATHER OBSERVER	449	162	2	02	02	93	02	0	207	63	1	1	5	0	0	0	0	2	01	54	54	49	2	3				660	0202	3	24	09	99	15	1	20	41	1	3	4	0	1	0	0	2	12	53	26	52	4	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
03	01	POLAR FRONT	660	0206	5	29	15	98	15	2	771	43	5	9	4	0	0	0	0	2	22	56	26	30	5	5				441	162	3	00	00	99	03	0	19	63	1	4	6	0	1	0	0	7	06	54	55	43	4	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
04	01	MERMOZ	620	330	2	19	30	70	01	8	771	46	2	8	4	4	0	5	2	1	06	51	39	67	4	1				624	332	8	13	43	30	25	8	69	45	8	9	4	0	1	0	2	40	53	45	64	4	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
05	01	U.S. SHIP 'B'	363	510	3	32	27	65	02	2	971	41	5	1	4	0	7	0	0	3	12	53	31	82	3	0				528	355	6	21	35	64	02	2	03	48	6	8	4	0	0	0	0	0	12	53	36	77	4	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
06	01	U.S. SHIP 'C'	328	355	6	26	20	69	02	1	043	47	5	5	4	3	0	0	0	2	20	53	37	77	6	4				440	410	6	29	17	64	02	2	173	62	3	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* 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 ridge of high pressure has persisted over England and Wales, associated with an anticyclone which has intensified as it has moved east over Germany. This ridge of high pressure is now weakening: a cold front which approached from the Atlantic is now lying near western Scotland and north west Ireland and will cross Scotland and Ireland during the next 24 hours and thereafter probably move slowly east over Wales and England.

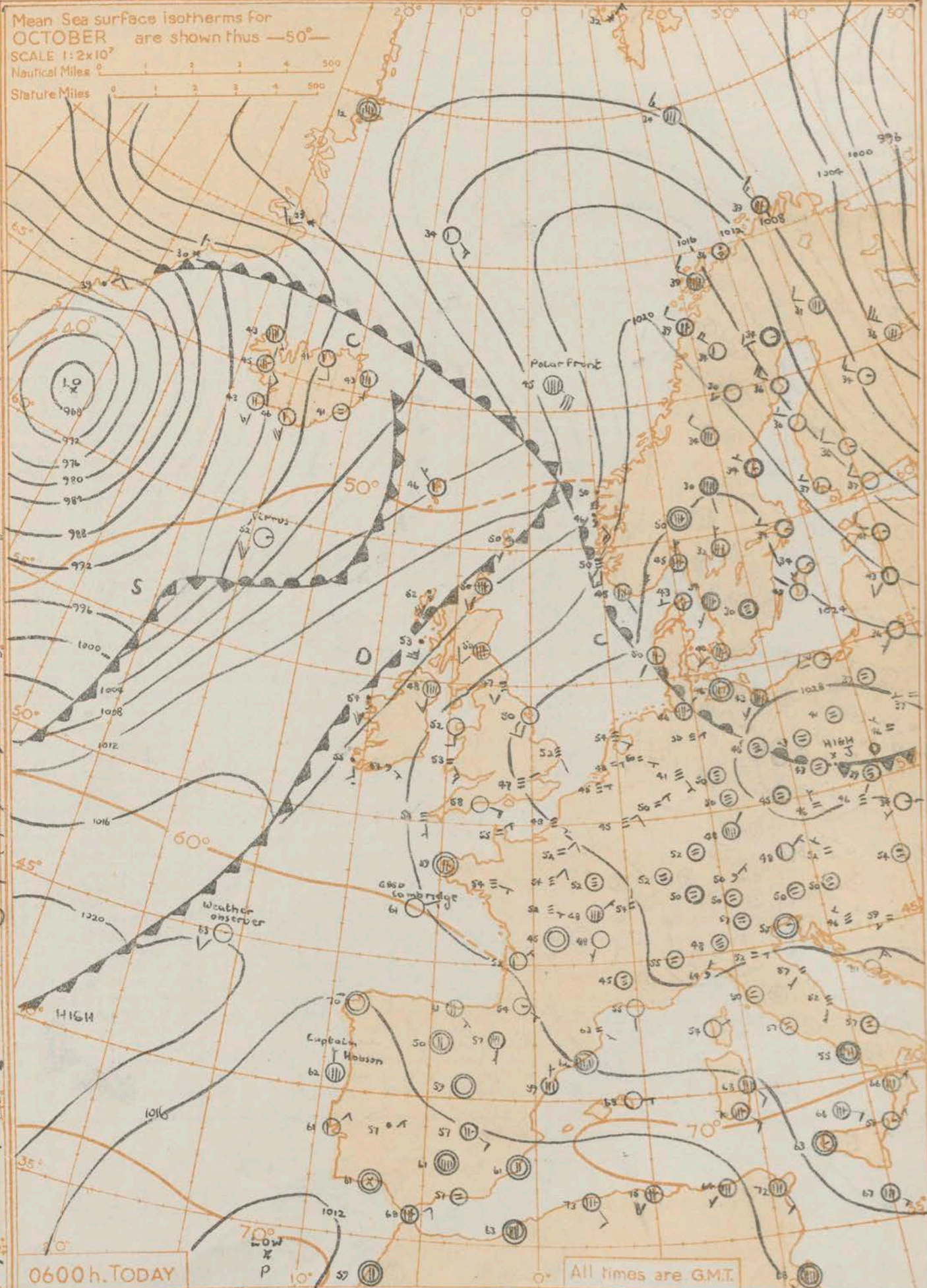
Issued at midday today Tuesday 15th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Much of England and Wales will have a sunny warm afternoon. Cloud with some rain will affect Wales, northern and western districts of England late tonight and tomorrow, but elsewhere in England, further fog is likely tonight, probably clearing tomorrow morning. The cloudy rainy weather spreading over Scotland and Northern Ireland today will be followed by brighter weather tomorrow.

OUTLOOK FOR following 24 hours:

Most parts of the British Isles will be affected by belts of rain or showery weather but in south east districts it will probably be mostly dry.



All times are GMT.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 16th October 1957																									OBSERVATIONS at 06h. G.M.T. 16th October 1957																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Code FM 11.A	Station	Station Number	Total Cloud	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud	Cloud Layers	Bar	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Weather	Temp. 21h to 09h.	Rain 21h to 09h. m.m.	State of sky																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			(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	00	00	00	1013.4	52.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	05	03	F9	45	4	246	49	9	-	0	-	-	48	7	03	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

00h. Ships Reports

Code FM 21.A	Ship	LAT.	LONG.	Total Cloud	Wind Direction	Wind Speed	Weather	Bar at M.S.L.	Dry Bulb Temp.	Cloud	Course	Bar	Temp.	Waves
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	CIRRUS	590	189	1	19	21	70	01	8	04	52	1	0	46
	WEATHER OBSERVER	449	162	0	17	09	99	01	0	20	57	0	0	65
	POLAR FRONT	660	020	3	14	10	99	03	1	18	44	1	5	31
	MERCURY	623	330	8	17	48	56	21	8	70	45	8	7	43
	U.S. SHIP "A"	528	355	6	27	44	69	01	8	02	46	5	5	4
	U.S. SHIP "B"	440	410	8	32	12	69	02	2	12	61	8	5	6
	NOTTINGHAM	458	227	5	36	09	96	02	1	20	62	5	5	4
	RAMILIES	510	115	8	20	13	97	02	2	19	58	8	5	5
	IRISH OAK	477	135	5	21	09	96	03	1	21	60	5	1	4
	CILICIA	400	086	0	36	05	98	02	0	15	65	0	0	9

06h. Ships Reports

Ship	LAT.	LONG.	Total Cloud	Wind			Weather		Bar. at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.		Direction	Speed		
				Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea			Dew Point	
	Lat	Long	N	dd	N	vv	ww	W	PPP	TT	Nh	CL	n	CM	CH	Dz	Vs	a	pp	Ts	Td	Td	dwd	Pr
CIRRUS	589	190	1	20	24	80	01	8	017	52	1	2	4	0	0	5	1	8	18	01	45	22	4	
WEATHER OBSERVER	449	162	1	22	11	99	02	0	197	63	0	0	9	0	1	0	0	6	05	52	55	49	4	
POLAR FRONT	660	020	8	12	30	98	61	8	128	45	7	7	4	2	-	0	0	7	30	54	41	68	4	
MERCURY	630	329	7	7	35	58	25	2	721	43	7	8	4	-	-	4	1	4	01	53	41	68	4	
U.S. SHIP "C"	528	355	4	27	53	69	02	8	022	45	4	2	5	0	0	0	0	4	00	54	38	76	4	
U.S. SHIP "D"	440	410	8	36	23	69	02	2	193	57	8	5	5	-	-	0	0	1	03	57	50	36	4	
CAPTAIN HOBSON	406	097	3	35	05	96	02	1	148	62	8	6	1	0	0	8	4	2	06	53	60	34	4	
ESSO CAMBRIDGE	470	065	0	08	06	96	00	0	183	61	0	0	9	0	0	1	6	4	00	00	59	31	4	
WINDSOR	512	102	8	18	03	99	02	2	199	56	8	5	5	-	-	2	5	4	00	52	54	27	4	
GLENORCHY	484	064	1	00	00	91	04	4	191	56	0	0	9	8	0	1	4	4	00	54	56	00	4	

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Wednesday 16th October 1957

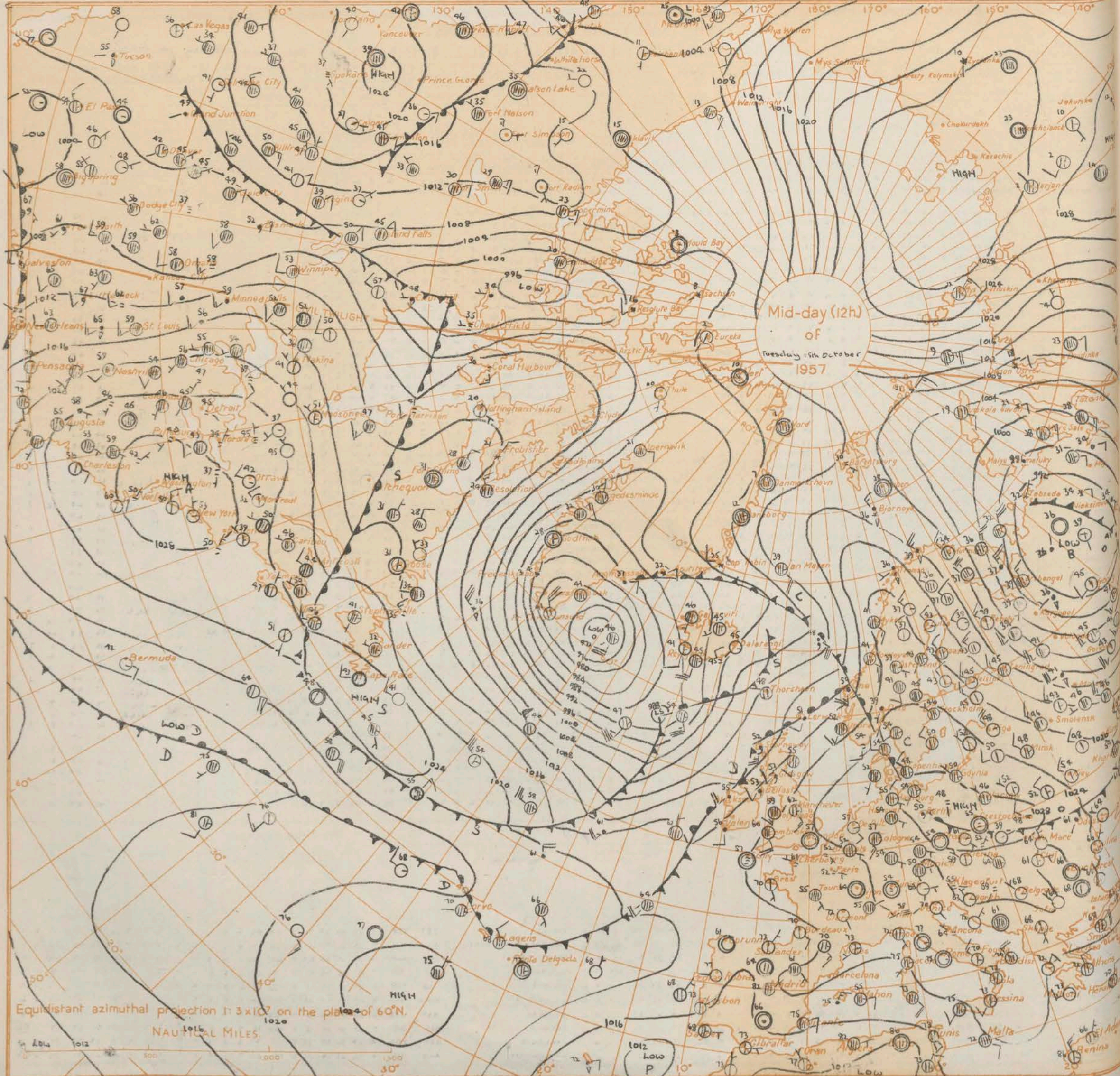
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All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

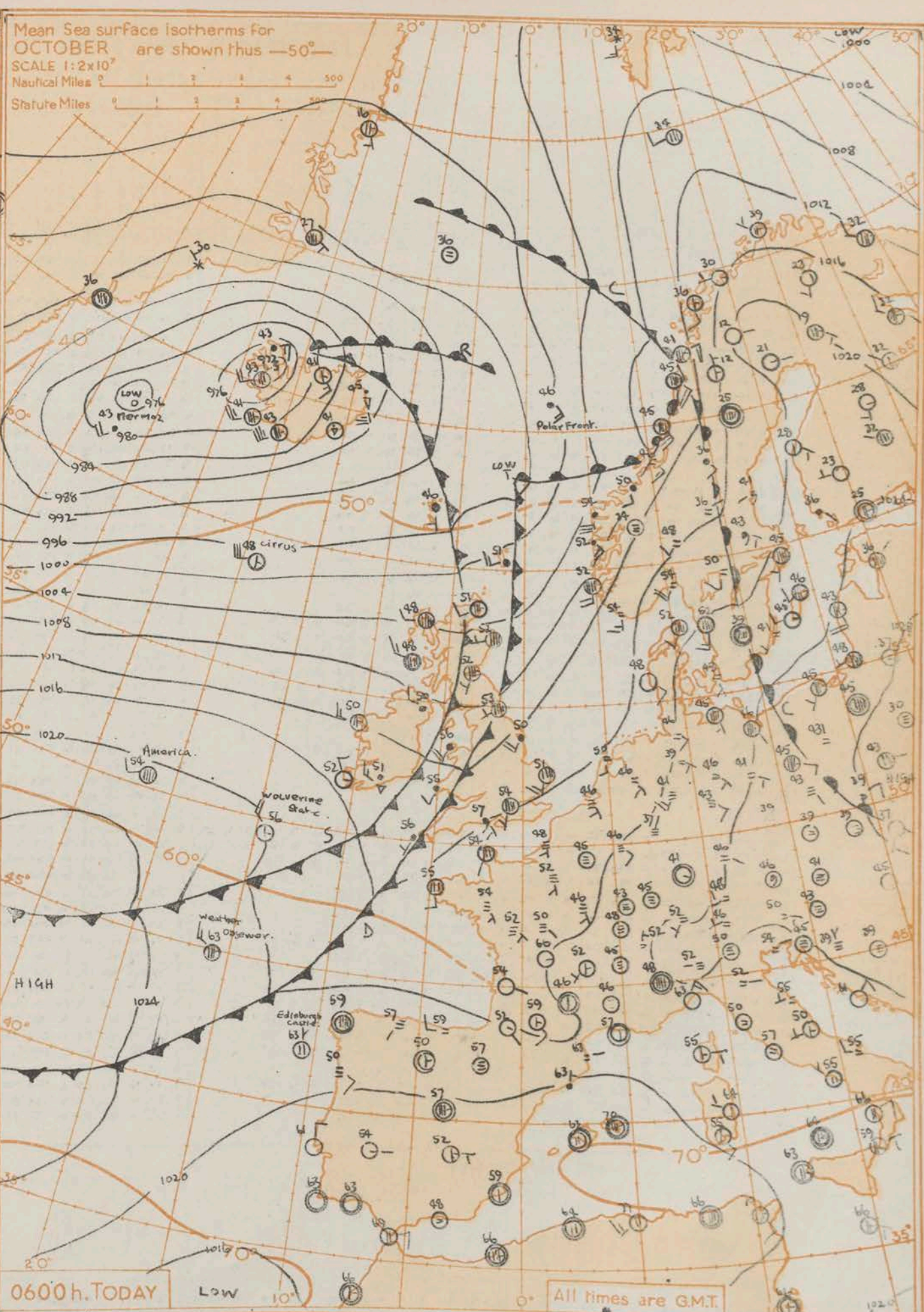
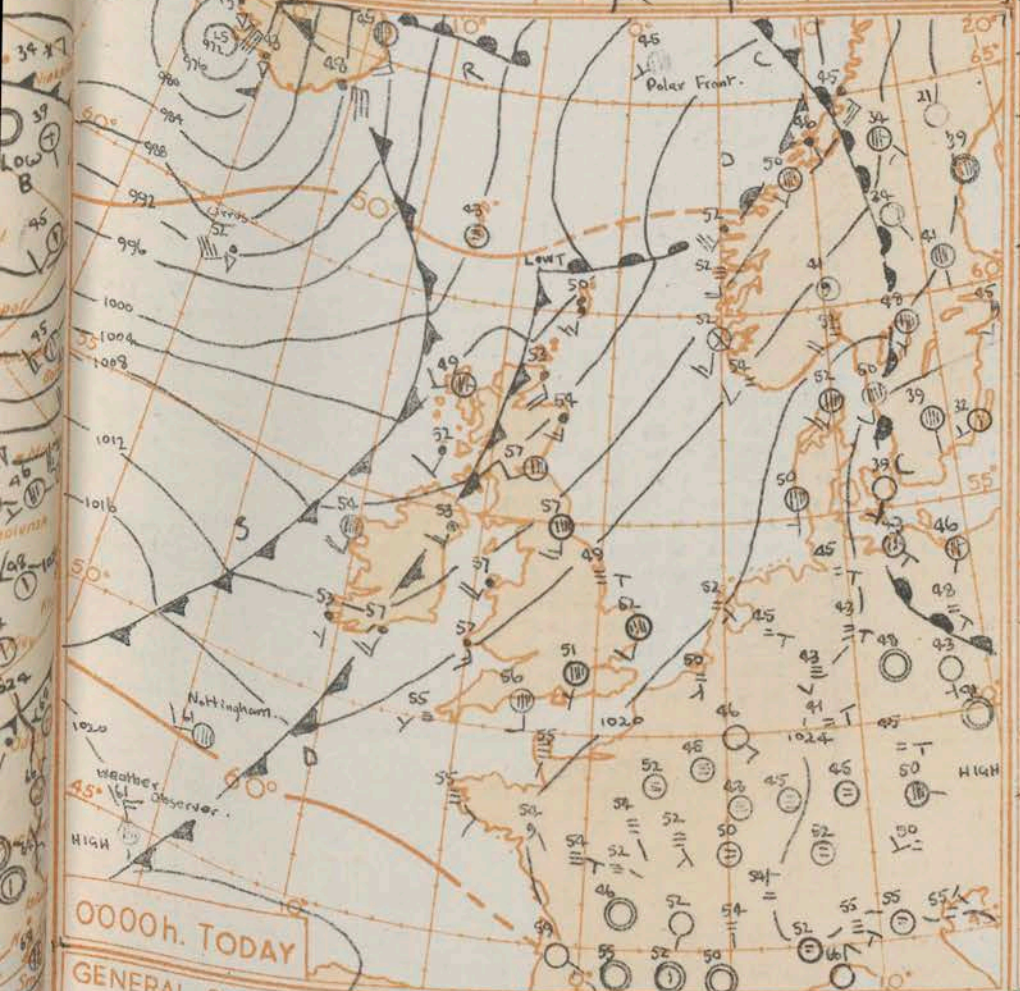
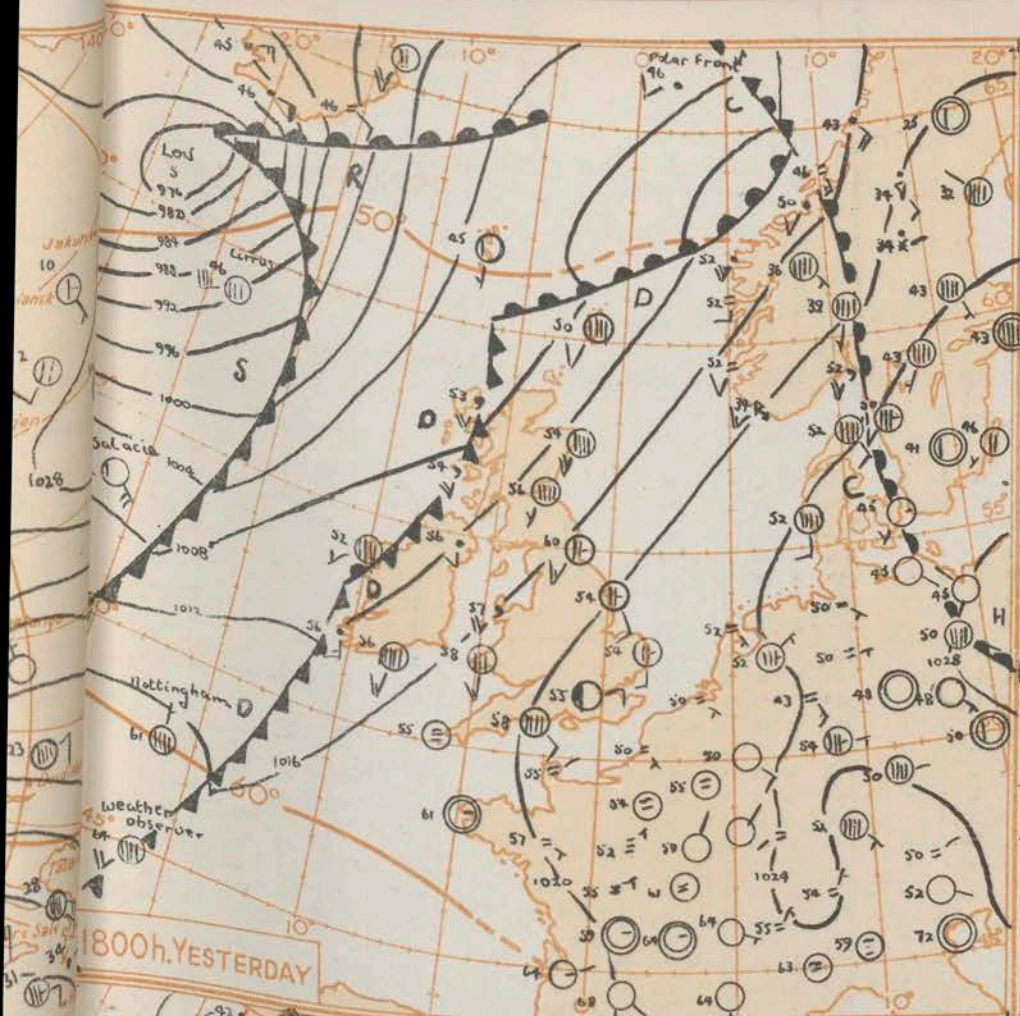
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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

30°
0°
-30°
-60°
-90°
-120°
-150°
-180°
-210°
-240°
-270°
-300°
-330°
-360°
1800h.
50°
40°
30°
20°
10°
0°
-10°
-20°
-30°
-40°
-50°
-60°
-70°
-80°
-90°
-100°
-110°
-120°
-130°
-140°
-150°
-160°
-170°
-180°
-190°
-200°
-210°
-220°
-230°
-240°
-250°
-260°
-270°
-280°
-290°
-300°
-310°
-320°
-330°
-340°
-350°
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GENERAL SYNOPSIS DEVELOPMENT

The European anticyclone continues to move east. Cold fronts which yesterday developed west of the British Isles are now moving quickly east. Pressure continues low in the Iceland area. An anticyclonic cell which yesterday moved from Newfoundland to mid-Atlantic will continue quickly east into France followed by a frontal trough which is expected to be west of Ireland early tomorrow.

Issued at Midday today Wednesday 14th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Today over Eastern England rain will soon clear from the west and weather become fine this evening. Elsewhere there will be bright periods, but a few showers may occur, chiefly over Scotland. After a mainly fine night, cloudy rainy weather will spread across many western districts of the British Isles tomorrow morning. Temperatures a little below average.

OUTLOOK FOR following 24 hours

Rain spreading to Eastern Britain but clearing from the west to become showery.

Station

StationStation

* Information not usually received

Date of Issue.....Thursday 17th October.....1957

OBSERVATIONS during DAY

18h. Ships Reports

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

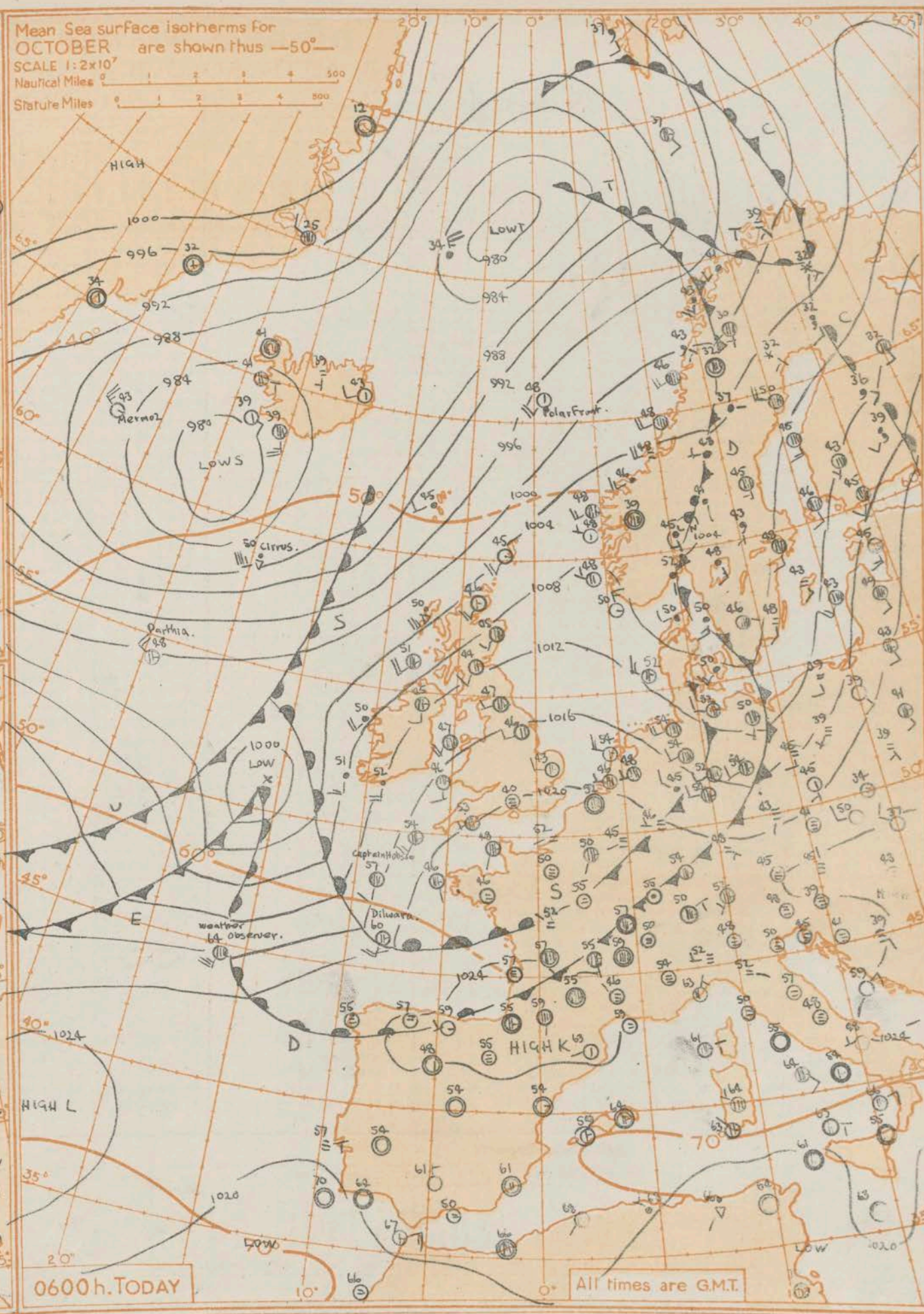
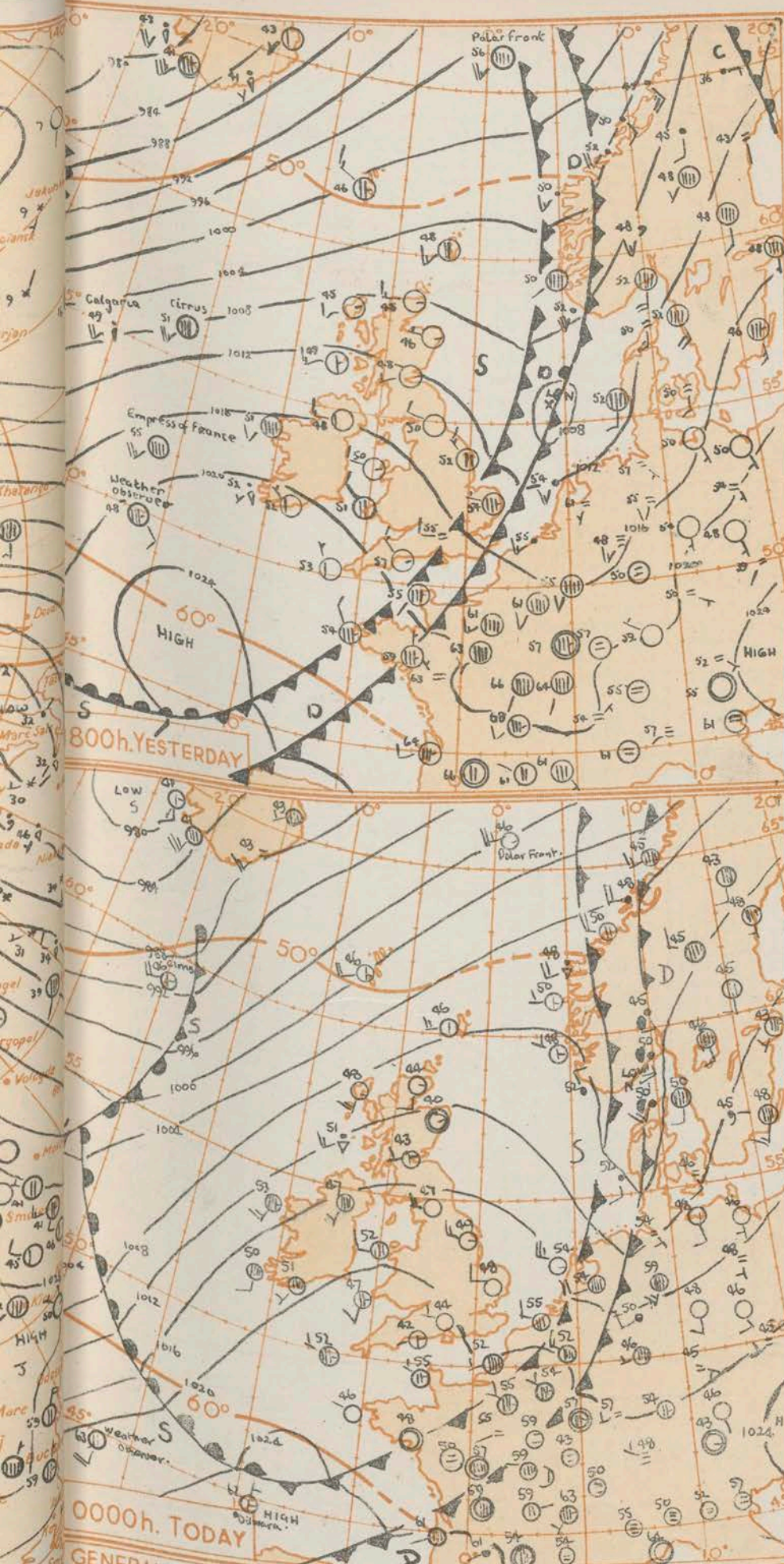
* Information not usually received.

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

Mid-day (12h)
of
Wednesday
16th October
1957

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



GENERAL SYNOPSIS DEVELOPMENT

The cyclonic complex in the Iceland area has extended northeast and filled on its southwestern side. This process is likely to continue with the trough and wave which yesterday moved into mid-Atlantic now expected to deepen and turn northeast. Pressure will continue high from the Azores to north of the Black Sea.

Issued at midday today Thursday 11th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Rain will spread over the British Isles during the afternoon and clear all areas during tonight, with clear intervals and occasional showers following. Tomorrow will be showery. The showers will be heavy or thundery at times in the North. It will be generally rather cold.

OUTLOOK FOR following 24 hours

Continuing changeable with showers or rain in many areas.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 7th October 1957																									OBSERVATIONS at 06h. G.M.T. 7th October 1957																									OBSERVATIONS during NIGHT								
Code FM 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	21h to 09h m.m.	21h to 09h m.m.																											
			(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	1008.4	49	0	0	0	0	0	43	3	12	0	0	0	0	0	0	0	0	0	4	23	03	07	10	2	208	44	1	5	5	1	41	7	04	1	6	25	3	0	99	-	-	41	26	74					
	London Airport	772	0	0	0	0	0	0	1008.4	49	0	0	0	0	0	43	3	12	0	0	0	0	0	0	0	0	0	2	00	00	07	10	4	206	40	0	0	9	0	8	40	7	06	2	2	70	-	-	37	29	01							
	Tangmere	874	1	30	01	04	02	1	1010.4	48	0	0	0	0	0	43	3	20	1	0	75							7	00	00	06	10	2	205	39	0	0	9	0	7	38	8	10	8	2	75	-	-	37	32	-							
	Hurn	862	3	24	02	06	03	0	1012.2	42	0	0	0	0	0	41	2	16	3	0	70							0	00	00	05	10	1	210	38	0	0	9	0	8	37	6	04	7	2	70	-	-	36	32	-							
	Guernsey	894	1	35	03	08	02	0	1012.5	50	0	0	0	0	0	42	1	06	1	0	70							6	00	00	08	02	1	216	49	3	0	9	3	2	48	7	15	3	3	60	6	0	70	-	-	47	42	-				
	Felixstowe	697	0	30	02	04	02	0	1012.4	49	0	0	0	0	0	46	2	11	1	0	75							4	29	05	08	01	1	200	46	0	0	9	0	6	43	2	01	4	2	75	-	-	45	41	-							
	Gorleston	497	0	23	03	04	01	0	1008.8	48	0	0	0	0	0	46	3	20	1	0	75							5	27	08	08	02	0	196	43	5	0	8	7	6	43	1	02	5	3	57	2	0	99	-	-	40	38	-				
	Mildenhall	578	1	29	03	04	03	0	1004.3	43	1	5	6	0	0	41	2	14	1	6	35							6	21	03	07	03	1	199	41	3	5	6	0	2	46	5	02	3	6	35	5	0	70	-	-	40	31	-				
	Cardington	559	1	22	03	02	03	0	1009.3	39	0	0	0	0	0	39	2	21	1	0	80							5	00	00	04	03	1	200	35	0	0	9	0	1	35	1	03	5	0	30	3	0	70	-	-	33	30	-				
	West Raynham	485	1	28	03	04	03	1	1004.4	44	0	0	0	0	0	42	2	22	1	0	75							7	23	02	03	02	1	194	39	1	0	9	3	2	38	3	01	1	3	60	7	0	72	-	-	38	32	-				
	Wittering	462	3	27	02	05	02	0	1001.4	41	0	0	0	0	0	40	3	13	3	0	68							5	24	03	06	02	1	197	39	0	0	9	0	2	37	4	00	5	0	68	38	38	72	-	-	38	38	-				
	Boscombe Down	746	2	00	00	00	03	1	1016.0	40	0	0	0	0	0	37	2	16	2	0	75							7	20	02	07	02	2	211	39	1	0	9	4	2	37	6	05	1	3	60	7	0	75	-	-	38	32	74				
	Ross-on-Wye	627	0	0	0	0	0	0	1008.2	40	0	0	0	0	0	37	2	16	2	0	75							7	21	01	04	02	1	193	40	7	5	4	1	39	6	12	7	6	25	4	0	31	-	-	40	31	-					
	Bristol	628	3	25	05	08	03	0	1001.4	45	0	0	0	0	0	42	2	10	3	0	75							7	18	01	08	03	2	199	43	1	5	6	3	6	4	6	12	1	6	35	3	3	63	7	2	75	-	-	40	32	-	
	Aberporth	502	5	20	03	06	03	1	1008.7	47	2	5	5	0	0	41	1	06	2	6	20	5	0	75				7	18	10	00	01	1	172	46	1	8	5	0	8	43	7	15	1	8	20	7	2	70	-	-	45	41	-				
	Rhose	715	0	00	00	00	02	0	1017.4	43	0	0	0	0	0	41	4	00										8	21	06	01	02	1	196	51	1	5	6	0	7	45	6	07	1	6	40	8	2	75	-	-	42	32	-				
	Plymouth	827	6	09	00	27	04	1	1023.4	44	3	6	3	0	0	42	2	06	3	7	02	6	6	15				8	00	00	27	04	2	204	43	4	2	5	0	8	43	8	09	4	8	25	8	2	75	-	-	42	34	-				
	Chivenor	707	5	10	01	01	03	0	1025.4	43	5	0	0	0	0	41	3	04	5	3	58							8	11	05	01	02	2	200	46	1	0	9	3	7	42	7	09	1	3	59	8	2	75	-	-	42	33	-				
	St. Mawgan	817	5	23	05	04	03	1	1021.4	42	2	5	6	0	2	44	1	02	2	6	30	5	0	75				8	21	01	04	02	1	200	48	1	5	5	0	7	44	6	10	1	6	26	8	2	80	-	-	48	42	74				
	Culdrose	809	0	28	02	02	02	0	1023.4	49	0	0	0	0	0	44	1	04										5	22	07	06	02	2	203	50	5	5	6	0	0	46	7	07	5	6	30			50	33	72							
	Scilly	804	7	23	03	08	02	1	1027.5	52	7	5	6	0	0	45	1	04	7	6	34							7	21	13	02	03	2	189	54	7	5	5	0	0	43	7	21	7	6	25			50	2	-							
	Elmdon	534	1	24	02	04	02	0	1029.4	41	1	5	7	0	0	41	1	03	1	6	50							2	21	06	01	01	1	188	42	1	5	7	0	8	39	6	07	1	6	50			41	35	-							
	Shawbury	414	1	24	04	04	02	0	1020.3	38	0	0	0	0	0	37	1	08	1	0	75							7	00	00	06	01	1	182	42	4	0	9	7	6	40	8	07	4	4	63	7	2	75	-	-	42	30	72				
	Manchester	334	1	20	02	07	02	0	1012.4	43	1	5	5	0	0	39	1	06	1	6	25							7	18	11	03	02	1	174	44	2	0	9	7	7	40	8	05	2	4	60	7	2	70	-	-	37	39	-				
	Squires Gate	318	2	26	02	04	02	0	1008.5	53	2	2	5	0	1	45	0	01	2	8	22							7	20	13	04	02	2	169	51	2	7	4	1	0	46	7	09	2	7	15	7	4	68	-	-	45	44	74				
	Valley	302	6	27	10	04	03	1	1010.5	52	6	6	6	0	0	43	2	01	6	6	56							8	22	20	06	01	6	156	53	3	5	5	1	0	44	7	16	3	6	25	8	4	62	-	-	50	45	03				
	Ronaldsway	204	6	26	07	02	02	1	1015.3	53	0	0	0	0	2	45	8	04	6	0	75							8	23	16	00	02	2	147	52	2	2	5	0	7	44	7	15	2	8	20	8	2	70	-	-	48	40	-				
	Silloth	214	2	25	07	04	03	0	1017.5	50	1	1	5	0	5	45	1	00	1	8	23							5	21	13	06	02	8	142	51	3	2	5	3	5	44	7	11	3	8	20			48	40	74							
	Watnall	354	4	24	06	07	02	0	1022.4	43	0	0	0	0	0	40	2	14	4	0	75							7	23	05	08	03	1	189	39	1	0	9	3	2	39	5	01	1	3	65	7	0	75	-	-	43	36	-				
	Spurn Head	396	1	30	14	00	03	0	1004.9	49	1	5	5	0	0	47	2	11	1	6	20							4	24	10	07	02	0	173	46	4	5	5	0	0	44	7	02	4	6	20			43	39	-							
	Lindholme	362	0	21	08	13	10	0	1013.4	46	0	0	0	0	0	43	2	10										4	18	08	07	03	1	182	41	1	0	9	3	1	40	7	05	1	3	65	4	0	75	-	-	41	29	-				
	Dishforth	261	6	31	05	04	03	1	1019.4	46	4	5	6	0	1																																											

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. 35029

Date of Issue... Friday, 18th October 1957

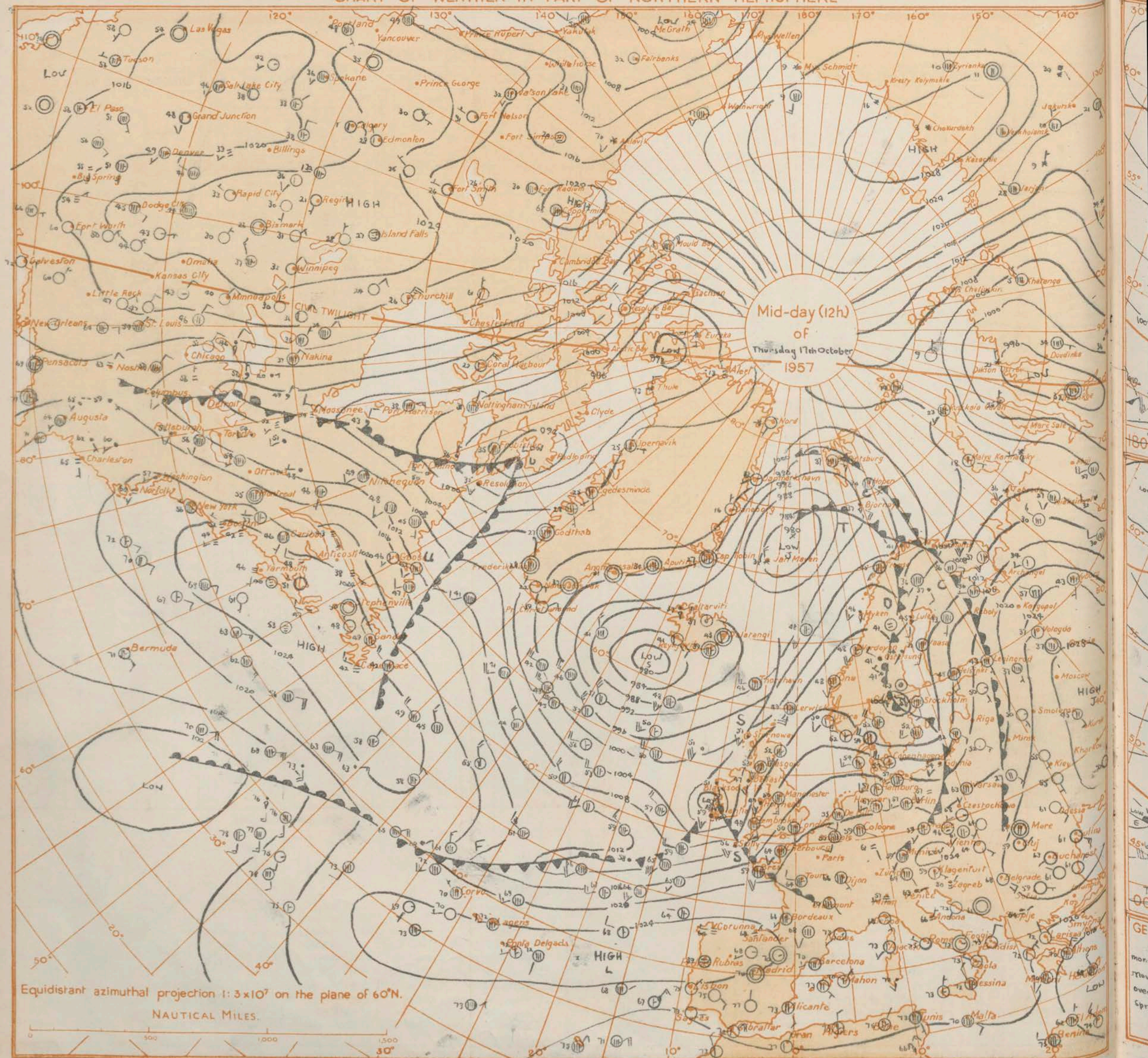
OBSERVATIONS at 12h. G.M.T. Thursday 17th October

OBSERVATIONS at 18h. G.M.T. Thursday 17th October

OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T.		OBSERVATIONS at 18h. G.M.T.		OBSERVATIONS during DAY	
Code F.M.11.A		Code F.M.11.A		Code F.M.11.A	
Station	Station Number	Station	Station Number	Station	Station Number
Direction	Speed	Direction	Speed	Direction	Speed
Visibility	Present	Visibility	Present	Visibility	Present
Bar at M.S.L.	Dry Bulb Temp.	Bar at M.S.L.	Dry Bulb Temp.	Bar at M.S.L.	Dry Bulb Temp.
Amount	Low	Amount	Low	Amount	Low
Height	Medium	Height	Medium	Height	Medium
High	High	High	High	High	High
Dew Point Temp.	Character	Dew Point Temp.	Character	Dew Point Temp.	Character
Change in 3 hours	Amount	Change in 3 hours	Amount	Change in 3 hours	Amount
Form	Height	Form	Height	Form	Height
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Height	Height	Height	Height	Height	Height
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Amount	Form	Amount	Form	Amount	Form
Height	Height	Height	Height	Height	

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



No

God

Code

* Information not usually received

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue. Saturday 19th October 1957

Code F.M.11.A		OBSERVATIONS at 12h. G.M.T. 18h. October 1957																									OBSERVATIONS at 18h. G.M.T. 18h. October 1957																									OBSERVATIONS during DAY					
Station	Station Number	Wind			Weather			Bar at M.S.L.	Cloud			Cloud Layers			Total Cloud	Wind			Weather			Bar at M.S.L.	Cloud			Cloud Layers			Weather	Max. Temp. 09h. to 21h. °F	Sunshine	Rain 09h. to 21h. mm.	State of ground 21h.																								
		Direction	Speed	Visibility	Present	Past	Amount		Low	Height	Medium	High	Dew Point Temp.	Character		Change in 3 hours	Amount	Form	Height	Amount	Form		Height	Dew Point Temp.	Character	Change in 3 hours	Amount	Form						Height	Amount	Form	Height																				
(54)	Kew	(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)
49	London Airport	775	8	02	04	1	6	992	55	7	7	3	2	-	33	7	45	1	7	07	8	5	30	7	29	16	24	60	6	003	56	1	6	5	-	51	3	07	3	8	20	7	6	56	rrRR	55	29	0.0	10								
49		772	8	06	05	1	6	993	53	5	7	3	2	-	33	7	43	2	7	03	5	7	07	8	5	25	10	24	60	6	000	56	1	6	4	-	51	3	04	1	7	15	7	6	40	RR	55	29	0.0	11							
51	Tangmere	874	1	25	31	74	02	6	012	62	4	5	2	-	55	5	20	2	6	12	4	6	56	7	3	65	25	20	62	01	2	615	57	5	5	4	-	53	2	02	5	6	15	7	3	60	RR	55	29	0.0	11						
51	Hurn	862	2	24	20	62	21	6	017	60	4	6	2	-	55	3	04	4	7	04	6	7	09	8	4	59	25	10	62	21	6	020	54	3	5	5	-	48	2	13	3	6	20	6	3	60	RR	55	29	0.0	11						
52	Guernsey	894	1	21	18	50	02	6	031	60	5	5	4	-	55	1	05	2	7	06	5	6	15	6	6	30	25	18	80	02	6	060	55	5	8	4	-	49	3	19	4	8	12	6	6	25	RR	55	29	0.0	11						
54	Felixstowe	697	2	10	05	40	59	6	020	52	6	7	3	-	55	1	34	6	7	07	8	5	20	7	21	17	61	01	6	994	58	1	7	4	-	54	0	00	1	7	10	7	4	58	RR	55	29	0.0	11								
54	Gorleston	497	8	18	01	36	61	6	022	52	8	0	5	-	52	7	23	8	5	20	8	5	20	7	19	17	60	01	6	981	54	7	5	4	-	53	7	07	6	15	5	3	62	RR	55	29	0.0	11									
59	Mildenhall	578	8	19	05	37	63	6	006	53	1	7	3	-	52	7	36	1	7	08	8	5	30	5	24	19	69	01	6	984	53	2	2	5	-	51	3	03	2	8	25	4	3	60	RR	55	29	0.0	11								
59	Caddington	559	8	20	05	48	61	6	000	52	1	7	3	-	52	7	36	1	7	08	8	5	30	5	24	19	69	01	6	984	53	2	2	5	-	51	3	03	2	8	25	4	3	60	RR	55	29	0.0	11								
59	West Raynham	465	8	18	10	48	63	6	001	51	5	7	2	-	51	7	30	5	7	05	8	5	40	7	20	20	66	25	6	961	54	6	7	4	-	52	6	14	6	7	12	6	6	25	RR	55	29	0.0	11								
59	Wittering	482	8	19	12	32	61	6	002	52	4	7	1	-	51	6	21	4	7	02	6	7	05	8	5	20	26	12	66	01	6	962	54	3	6	2	-	50	5	10	3	7	04	5	6	20	RR	55	29	0.0	11						
59	Boscombe Down	746	2	19	03	66	21	6	005	54	4	6	2	-	53	5	13	4	7	03	8	6	18	7	26	14	66	01	6	962	54	3	6	2	-	50	5	10	3	7	04	5	6	20	RR	55	29	0.0	11								
59	Ross-on-Wye	627	8	15	01	57	62	6	004	54	7	3	2	-	52	7	21	7	7	05	8	6	18	5	24	20	77	02	8	983	52	1	1	5	-	49	2	23	1	8	20	4	4	50	RR	55	29	0.0	11								
59	Bristol	628	8	21	01	22	63	6	011	54	6	6	3	-	53	6	14	2	7	05	6	7	07	8	4	58	26	13	63	25	8	006	53	6	8	4	-	49	2	15	2	7	15	5	8	20	RR	55	29	0.0	11						
59	Aberporth	502	8	21	10	58	62	6	961	53	6	7	3	-	51	8	21	6	7	07	8	5	30	6	24	25	80	01	6	972	50	6	2	4	-	41	2	14	6	8	15	4	3	59	RR	55	29	0.0	11								
59	Rhosce	715	8	21	13	66	21	6	995	56	5	6	3	-	54	8	12	5	7	09	8	6	25	7	27	18	74	03	6	006	52	3	1	4	-	43	3	20	3	8	15	4	3	59	RR	55	29	0.0	11								
59	Plymouth	827	8	24	24	56	21	6	015	58	3	6	4	-	54	7	09	1	7	09	8	7	14	8	4	59	27	17	74	03	6	006	52	3	1	4	-	43	3	20	3	8	15	4	3	59	RR	55	29	0.0	11						
59	Chivenor	807	8	25	24	59	61	6	999	57	6	6	4	-	55	7	13	2	7	07	6	7	10	8	5	50	26	26	81	02	8	020	52	3	2	4	-	43	3	18	3	8	18	7	2	70	RR	55	29	0.0	11						
59	St. Mawgan	817	8	23	22	23	62	6	002	55	4	6	0	-	55	7	14	4	7	00	8	7	01	8	5	50	26	20	80	25	8	023	53	4	2	4	-	43	3	18	3	8	18	7	2	70	RR	55	29	0.0	11						
59	Culdrose	809	8	24	25	58	62	8	013	56	4	7	3	-	54	8	14	4	7	06	3	6	10	8	5	55	27	15	76	01	2	040	53	2	2	4	-	44	2	18	2	8	18	3	4	62	RR	55	29	0.0	11						
59	Scilly	804	8	28	28	66	60	8	008	56	8	6	4	-	52	8	15	1	7	10	8	7	10	8	5	55	28	20	74	15	2	034	53	6	8	4	-	44	2	16	6	8	15	3	4	62	RR	55	29	0.0	11						
59	Elmdon	534	8	11	10	58	21	6	008	52	7	7	3	-	51	7	15	1	7	05	7	7	07	8	5	20	23	19	56	04	6	969	52	1	2	5	-	43	3	15	1	8	30	3	3	62	RR	55	29	0.0	11						
59	Shawbury	414	8	16	05	48	65	6	977	53	7	7	2	-	51	6	25	2	7	02	7	7	04	8	5	20	22	17	52	01	6	954	51	1	2	5	-	43	3	15	1	8	30	3	3	62	RR	55	29	0.0	11						
59	Manchester	334	8	19	14	48	60	6	915	54	3	6	4	-	49	6	30	3	7	15	4	6	25	8	4	60	22	12	59	21	6	935	50	5	8	4	-	46	3	02	2	8	15	4	6	40	RR	55	29	0.0	11						
59	Squires Gate	318	8	16	14	50	60	6	961	53	3	5	6	-	50	7	30	7	7	16	3	6	30	7	3	58	22	13	66	25	8	917	52	5	9	4	-	47	5	05	2	9	15	3	8	22	RR	55	29	0.0	11						
59	Valley	302	8	20	11	23	65	6	947	53	7	6	3	-	53	7	31	7	7	06	8	6	30	8	5	58	23	36	82	03	8	920	50	5	2	5	-	42	6	06	5	8	20	4	6	40	RR	55	29	0.0	11						
59	Ronaldsway	204	8	12	06	55	63	6	946	51	3	7	4	-	48	7	36	3	7	12	8	5	25	8	5	59	23	19	69	01	9	905	50	5	9	4	-	45	6	14	3	9	15	4	6	40	RR	55	29	0.0	11						
59	Silloth	214	7	19	08	57	60	6	954	53	5	8	6	-	47	8	23	2	8	18	5	6	35	8	5	60	26	05	61	03	6	897	47	7	8	4	-	45	6	21	1	8	18	4	6	25	RR	55	29	0.0	11						
59	Watnall	354	8	18	01	31	21	6	913	52	5	5	7	-	47	7	22	7	7	10	5	6	30	8	4	60	24	15	58	02	6	899	52	7	8	5	-	48	5	02	1	7	04	3	8	20	RR	55	29	0.0	11						
59	Spurn Head	396	8	19	14	56	60	2	012	52	5	6	4	-	52	7	24	8	7	10	8	7	10	8	5	58	29	21	56	02	6	951	53	7	6	4	-	52	7	10	7	10	7	10	7	10	RR	55	29	0.0	11						
59	Lindholme	362	8	16	09	40	02	2	951	53	3	5	5	-	51	7	32	2	1	12	6	8	30	8	5	58	21	12	40	15	8	935	53	7	3	4	-	51	5	19	2	7	05	3	9	18	RR	55	29	0.0	11						
59	Dishforth	261	7	17	15	40	04	2	974	53	2	5	6	-	49	8	28	2	6	30	4	4	62	6	2	70	16	13	48	6	6	911	50	1	7	2	-	48	7	41	8	7	12	4	6	40	RR	55	29	0.0	11						
59	Tynemouth	262	5	23	15	58	02	1	985	54	3	0	9	-	47	8	11	3	3	58	5	0	75	6	2	70	16	13	48	6	6	905	51	3	7	4	-	48	7	41	8	7	12	4	6	40	RR	55	29	0.0	11						
59	Eskdalemuir	162	8	22	03	74	80	1	945	50	3	2	4	-	44	8	21	5	8	18	8	4	60	8	5	58	26	02	6																												

Code F.M.21.A		12h. Ships Reports																				18h. Ships Reports																												
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves		Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves												
				Direction	Speed	Present	Past			Amount	Low	Height	Medium	High	Direction			Speed	Character & Change in 3 hours					Sea	Dew Point	Direction	Period			Height	Direction	Speed	Character & Change in 3 hours	Sea	Dew Point			Direction	Period	Height										
				N	dd	#	VV			ww	W	PPP	TT	Nh	CL			h	CM					CH	Ds	Vs	a			pp	Ts	Td	Td	dwdw	Pw			Hw	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM
CIRRUS	590	192	5	2	14	75	15	8	946	48	4	9	5	4	1	0	0	2	11	56	37	30	4	4	DOLAR FRONT	660	020E	7	26	18	99	02	2	898	42	7	8	4	-	-	0	0	6	01	56	36	32	3	3	
POLAR FRONT	660	020E	6	29	07	09	02	2	856	46	6	5	4	-	-	0	0	7	02	52	39	25	4	3	WEATHER WATCHER	592	13	4	01	16	98	02	2	946	47	3	4	5	0	1	7	3	2	18	56	36	29	4	5	
WEATHER OBSERVER	448	155	3	30	26	99	01	8	135	61	3	1	5	0	1	0	0	0	11	54	45	30	3	8	CIRRUS	590	190	5	34	21	75	15	1	972	50	4	9	4	6	3	0	0	3	18	56	39	33	4	4	
NERMOZ	662	333	8	22	16	40	53	5	011	39	8	6	4	-	-	0	0	8	07	57	39	36	4	2	WEATHER EXPLORER	551	092	7	35	14	98	25	8	949	50	6	8	5	-	-	6	3	3	20	56	39	28	4	5	
U.S. SHIP "C"	528	355	8	09	26	67	02	2	180	49	8	5	5	-	-	0	0	2	05	57	43	28	4	6	NERMOZ	623	336	8	19	20	60	61	6	932	42	8	7	4	-	-	0	0	7	39	54	41	21	5	3	
U.S. SHIP "D"	440	410	6	09	16	69	02	2	265	57	5	5	5	3	5	0	0	2	07	58	47	06	3	5	WEATHER OBSERVER	449	157	6	31	26	97	25	8	132	58	6	4	0	0	0	0	3	08	52	46	30	3	8		
NEWFOUNDLAND	518	157	7	30	24	99	15	8	987	52	7	7	3	0	0	6	5	2	20	58	43	28	3	7	AVISTONE	487	106	6	28	22	98	15	6	075	56	4	6	5	6	-	-	2	3	4	00	56	46	29	4	6
WEATHER EXPLORER	554	074	8	25	04	98	03	2	938	51	4	8	5	3	-	6	3	7	15	54	42	26	4	5	U.S. SHIP "C"	518	355	8	27	33	67	25	6	156	51	8	5	4	-	-	0	0	7	17	03	48	28	4	6	
WEATHER WATCHER	587	122	6	31	20	98	25	8	920	50	5	3	5	6	0	7	3	2	09	53	39	29	4	5	U.S. SHIP "D"	451	425	7	11	19	69	02	2	204	59	7	5	5	0	0	7	4	6	10	57	50	36	4	6	
BUAHNE	510	209	8	26	15	99	02	2	198	65	8	7	4	-	-	1	6	1	02	54	52	36	2	3	ST. JOHN	442	089	8	28	02	97	50	8	134	60	8	8	6	-	-	1	5	4	00	02	60	30	5	4	
All times of observation are in local time.																																																		

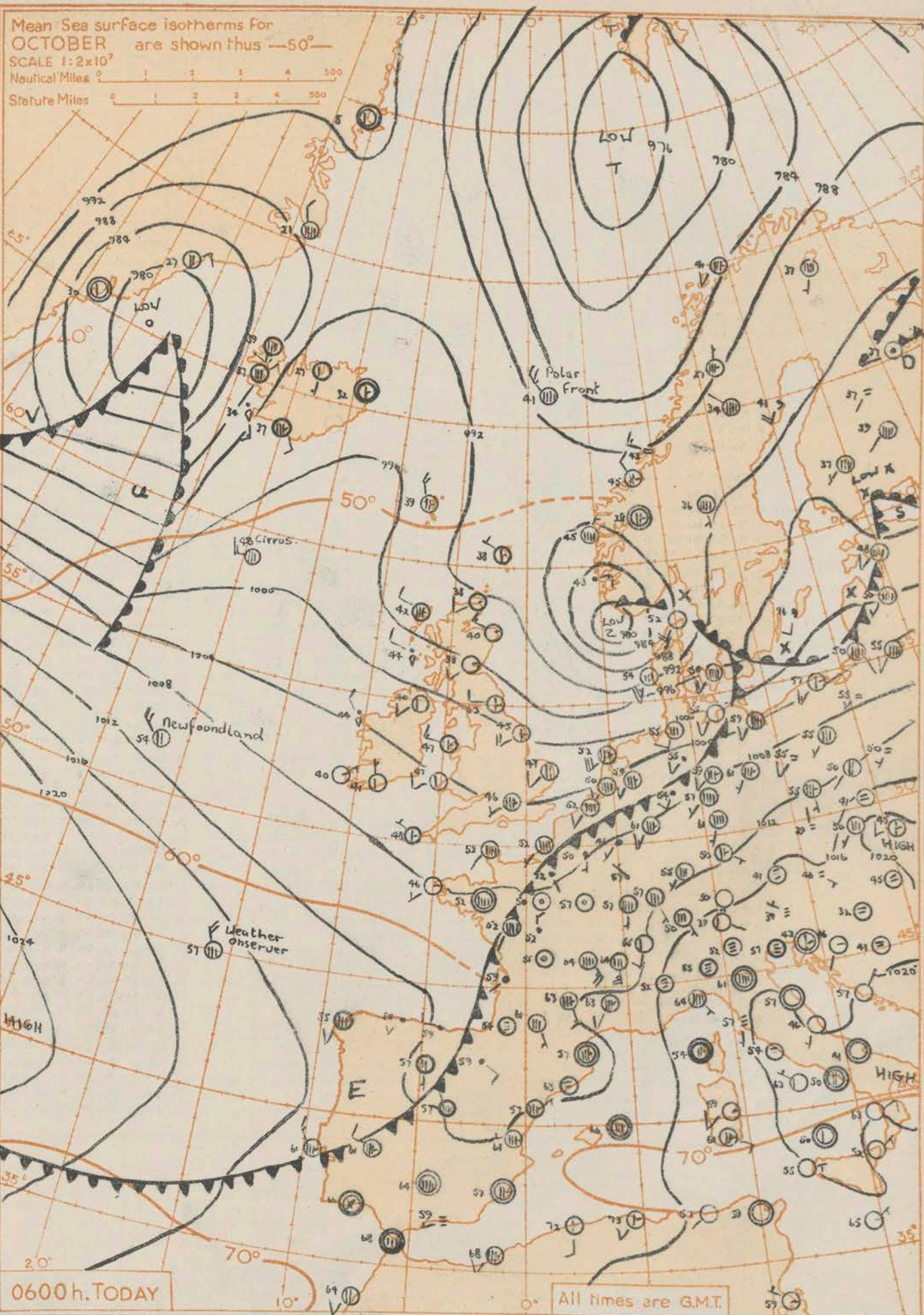
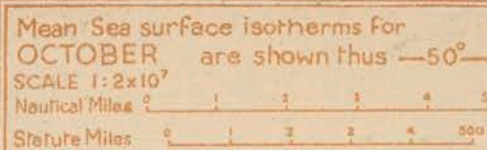
All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

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

Mid-day (12h)
of
Friday 18th October
1957

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



Issued at midday today Saturday 19th. October. 1957 FORECAST FOR BRITISH ISLES until noon tomorrow

As a wave depression moved eastwards for the south of Ireland yesterday, a depression developed in the cold air over Ireland. Both moved quickly east-northeast and are now near South Norway and moving northeastwards. A weak ridge is moving into the British Isles but by tonight the frontal system of a deepening depression near Iceland will be approaching northwest districts and during tomorrow will move southeast across much of the British Isles.

Today. Cloudy weather with rain or drizzle which will reach north west districts tonight will spread southeast to affect most other districts by noon tomorrow and will be followed by renewed showery weather in the north. It will be rather cold with slight frost locally in eastern districts tonight.

OUTLOOK FOR following 24 hours:

Rather cold with sunny intervals and scattered showers. Frost in places at night.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 19th October 1957																								
Code FM 11.A	Station	Station Number	Total Cloud	Wind Direction	Wind Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Cloud Amount	Cloud Low	Cloud Height	Cloud Medium	Cloud High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height
			N dd (1)	dd (2)	ff (3)	VV (4)	ww (5)	W (6)	PPP (7)	TT (8)	Nh (9)	CL (10)	h (11)	CM (12)	CH (13)	Td (14)	a (15)	pp (16)	Ns (17)	C (18)	hs (19)	Ns (20)	C (21)	hs (22)
	Kew	775	.	.	.	.	.	.	50	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	London Airport	772	1	25	12	80	02	6	037	69	1	0	3	0	0	41	2	7	1	3	62	.	.	.
	Tangmere	874	4	27	06	70	03	0	047	51	3	5	6	3	0	44	2	09	3	6	49	.	.	.
	Hurn	862	0	26	08	69	02	1	047	49	0	0	9	0	0	42	2	08	.	.	.	.	.	.
	Guernsey	894	5	25	14	80	02	1	018	55	4	5	6	1	0	46	1	03	4	6	35	.	.	.
	Felixstowe	697	0	22	16	63	02	0	036	52	0	0	9	0	0	46	2	17	.	.	.	.	.	.
	Gorleston	497	0	24	16	63	02	0	036	50	0	0	9	0	0	47	1	14	.	.	.	.	.	.
	Mildenhall	578	0	21	16	63	02	1	039	50	0	0	9	0	0	43	1	04	.	.	.	.	.	.
	Cardington	559	1	23	21	66	02	0	011	48	1	0	9	4	0	44	2	08	1	6	30	.	.	.
	West Raynham	485	2	27	17	74	03	1	038	47	2	0	9	3	0	42	3	06	2	3	62	.	.	.
	Wittering	462	0	25	23	86	02	0	099	47	0	0	9	0	0	40	3	21	.	.	.	.	.	.
	Boscombe Down	746	2	26	10	74	03	0	043	46	0	0	9	0	1	41	2	0	2	0	73	.	.	.
	Ross-on-Wye	627	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Bristol	628	7	24	15	59	01	2	035	48	7	3	5	.	.	44	1	14	6	9	20	.	.	.
	Aberporth	502	5	27	18	80	01	0	021	48	5	8	5	0	0	41	1	23	3	8	20	4	6	29
	Plymouth	827	1	27	19	60	01	1	053	52	1	5	4	0	0	43	2	03	1	6	18	.	.	.
	Chivenor	707	3	27	24	80	01	0	043	51	3	2	5	0	0	44	3	08	3	8	20	.	.	.
	St. Mawgan	817	5	25	19	80	01	0	049	51	5	8	5	0	0	42	1	03	2	8	20	5	6	35
	Culdrose	809	3	28	15	76	03	8	059	51	3	0	9	3	0	43	2	04	3	3	62	.	.	.
	Scilly	804	4	27	16	74	02	8	051	52	4	8	5	0	0	44	1	44	4	8	25	.	.	.
	Elmdon	534	1	23	20	80	02	0	003	46	1	5	5	0	0	39	2	17	1	6	25	.	.	.
	Shawbury	414	1	25	15	83	02	1	043	45	1	5	6	0	0	39	2	28	1	6	30	.	.	.
	Manchester	334	2	24	18	61	00	8	080	45	4	7	4	.	.	41	2	33	4	7	10	8	6	13
	Squires Gate	318	7	28	23	66	02	8	067	49	7	8	4	.	.	42	3	56	2	8	18	6	6	23
	Valley	302	8	28	17	74	02	8	001	48	3	8	4	.	.	41	1	48	3	7	20	8	6	33
	Ronaldsway	204	6	25	15	74	03	6	079	47	3	8	5	.	.	41	1	48	3	7	20	8	6	35
	Silloth	214	7	26	13	69	21	6	051	44	3	5	6	.	.	39	3	63	3	6	40	7	4	59
	Watnall	354	0	26	20	80	01	1	081	45	0	0	9	0	0	38	3	21	.	.	.	.	.	.
	Spurn Head	396	2	24	22	66	02	0	055	48	2	5	5	.	.	44	5	03	2	6	25	.	.	.
	Lindholme	362	6	24	24	69	02	1	053	46	6	1	5	.	.	41	3	03	6	8	23	.	.	.
	Dishforth	261	6	24	25	69	03	8	072	47	5	5	6	.	.	42	3	11	2	6	20	5	6	30
	Tynemouth	262	7	25	10	61	25	8	084	47	7	5	6	.	.	43	1	07	7	6	30	.	.	.
	Eskdalemuir	162	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	West Freugh	130	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Prestwick	135	3	24	08	74	01	6	044	44	3	2	9	0	0	42	2	26	3	8	23	.	.	.
	Renfrew	141	3	27	06	66	01	6	034	43	3	5	6	0	0	39	2	18	3	6	30	.	.	.
	Leuchars	171	8	29	07	60	01	6	011	45	4	5	6	2	.	40	3	09	4	6	30	.	.	.
	Dyce	091	8	23	12	66	21	6	003	45	3	5	5	.	.	42	5	08	1	7	04	8	5	45
	Wick	075	2	29	12	85	01	1	010	37	1	5	5	0	0	36	7	03	1	6	20	.	.	.
	Cape Wrath	049	6	32	13	83	02	8	021	46	6	3	5	.	.	39	7	13	6	9	20	.	.	.
	Sule Skerry	010	3	29	09	85	02	0	011	46	3	5	0	0	0	34	7	01	3	6	20	.	.	.
	Lerwick	005	1	31	06	82	02	8	001	42	1	5	6	0	0	35	8	02	1	6	35	.	.	.
	Stornoway	026	1	29	06	82	25	8	038	38	1	2	5	0	0	36	1	07	1	8	25	.	.	.
	Benbecula	022	2	23	16	86	02	0	051	47	2	3	5	0	0	38	2	17	2	9	20	.	.	.
	Tiree	100	3	23	12	85	03	8	054	45	3	3	5	0	0	38	2	18	3	9	20	.	.	.
	Aldergrove	917	2	23	15	86	02	6	080	44	2	4	5	0	0	39	2	26	2	6	25	.	.	.
	Malin Head	980	3	23	13	86	00	8	077	47	6	3	5	.	.	42	2	23	6	9	20	.	.	.
	Belmullet	976	2	21	08	74	25	8	014	45	2	3	4	0	0	37	2	16	2	9	19	.	.	.
	Birr	965	1	23	03	74	02	0	021	38	1	6	4	0	0	31	2	24	1	7	17	.	.	.
	Collinstown	969	4	25	11	82	23	6	011	40	3	5	6	3	.	38	2	31	3	6	40	4	3	60
	Rineanna	962	2	26	04	66	25	8	055	41	2	3	5	0	0	39	2	21	2	9	26	.	.	.
	Roches Point	952	1	29	10	80	02	0	042	44	1	5	6	0	0	39	3	20	1	6	33	.	.	.
	Valentia	953	2	00	00	83	25	8	050	46	2	9	5	0	0	41	1	15	2	9	22	.	.	.

00h. Ships Reports

Code FM 21.A	Ship	LAT.	LONG.	Total Cloud	Wind Direction	Wind Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Cloud Amount	Cloud Low	Cloud Height	Cloud Medium	Cloud High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
		Lat/Lon	Lat/Lon	N dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw
	CIRUS	588	188	2	32	16	75	62	0	939	46	2	9	5	0	0	0	2	01	55	37	30	4	4	
	POLAR FRONT	660	020E	2	36	22	99	01	1	840	43	2	8	5	0	0	0	2	07	55	36	34	3	3	
	WEATHER OBSERVER	448	159	2	31	21	98	03	0	55	59	2	2	5	0	0	1	2	11	57	55	30	3	8	
	MEMOZ	624	334	8	22	17	56	02	6	805	45	8	7	4	.	.	0	7	29	50	42	21	4	3	
	U.S. SHIP 'C'	528	355	8	27	42	63	02	2	162	51	8	5	4	.	.	0	2	03	63	49	29	4	6	
	U.S. SHIP 'D'	454	430	3	12	20	69	02	1	734	61	3	5	5	0	0	1	2	8	02	51	36	4	5	
	NEWFOUNDLAND	918	198	3	31	25	49	18	8	016	53	3	3	3	0	0	6	4	2	40	56	48	28	4	8
	WEATHER EXPLORER	548	108	3	29	16	49	01	8	498	50	3	3	5	0	0	6	3	1	21	55	38	29	4	5
	WEATHER WATCHER	599	145	2	36	03	48	01	1	883	45	2	2	5	0	0	7	3	1	12	57	36	49	4	4
	CARINTHIA	566	223	5	24	18	57	13	2	041	50	5	2	5	1	0	6	7	2	40	55	41	X	X	

06h. Ships Reports

Ship	LAT.	LONG.	Total Cloud	Wind		Visibility	Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.	Wave					
				Direction	Speed		Present	Past			Amount	Low	Height	Medium	High	Direction	Speed			Character ^c	Change in 3 hours	Sea	Dew Point	Direction	Period
	Lat/Lon	Lat/Lon	N	dd	K	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	
CIRUS	590	189	6	27	14	75	63	1	985	48	3	8	3	0	2	6	1	6	07	54	36	30	4	4	
POLAR FRONT	660	020E	7	32	23	98	02	1	878	41	7	5	4	.	.	0	2	11	57	32	33	4	3		
WEATHER OBSERVER	449	160	6	34	19	98	25	8	167	57	6	8	3	.	.	7	1	2	07	57	45	31	4	3	
MEMOZ	623	331	8	21	14	40	02	5	819	43	8	7	4	.	.	0	0	7	19	52	41	21	4	4	
U.S. SHIP "C"	528	355	8	27	38	63	02	2	169	51	8	5	4	.	.	0	0	8	05	01	48	28	3	3	
U.S. SHIP "D"	445	419	8	11	24	69	02	1	143	65	8	5	5	.	.	3	4	7	22	08	63	12	4	4	
WEATHER WATCHER	607	157	5	00	00	98	02	1	976	44	2	2	5	6	2	7	3	6	03	57	37	49	4	4	
WEATHER EXPLORER	545	117	3	31	5	94	25	8	029	50	4	3	5	0	0	6	3	2	15	55	37	30	4	4	
RUAHINE	446	146	3	53	12	49	02	1	123	59	3	2	4	0	0	1	6	4	00	56	43	39	4	4	
NEWFOUNDLAND	318	217	4	29	18	44	16	8	106	54	4	3	5	0	7	6	4	2	10	55	48	29	4	4	

No. 35 031

OBSERVATIONS at 18h. G.M.T. 19th. October 1957

OBSERVATIONS during DAY

18h. Ships Reports

12h. Ships Reports

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Ship	LAT.	LONG.	Total Cloud			Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.		Waves			
			Direction	Speed	Visibility	Present	Past	Amount	Low			Height	Medium	High	Direction	Speed	Character & Change in 3 hours		Sea	Dew Point	Direction	Period	Height	
L ₁ L ₂ L ₃	LoLoLo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CH	CH	Ds	Vs	#	pp	TsTs	TdTd	dwdw	Pw	Hw	
CIRUS	591	187	8	26	33	60	20	6	378	52	0	8	3	1	-	5	1	3	09	50	46	26	9	8
WEATHER OBSERVER	449	159	4	30	18	92	02	1	190	61	3	2	5	3	2	0	0	3	07	56	50	30	3	6
POLAR FRONT	660	020 E	3	21	19	99	01	1	727	41	3	8	5	-	-	0	0	2	17	58	34	32	4	4
THERMOZ	622	326	1	25	33	80	02	0	805	41	1	1	6	0	0	0	2	7	05	55	28	28	4	9
WEATHER EXPLORER	539	143	5	24	23	97	01	8	209	54	4	5	5	2	-	6	3	7	09	51	46	23	4	8
WEATHER WATCHER	620	183	8	24	16	96	01	6	791	48	5	7	4	2	-	7	3	7	53	52	46	20	4	6
U.S. SHIP 'C'	528	355	8	25	22	95	12	2	140	51	5	5	4	-	-	0	0	7	03	51	47	27	4	6
U.S. SHIP 'D'	440	410	8	23	07	96	10	0	183	68	8	6	4	-	-	0	0	6	02	00	66	15	2	3
ACCRIS	445	096	3	28	4	98	02	1	166	60	3	1	0	0	0	0	5	2	20	52	48	24	4	3
RATHLINHEAD	507	197	6	28	20	98	02	2	111	58	8	4	-	-	-	6	5	3	02	52	36	28	1	1

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

* Information not usually received.

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

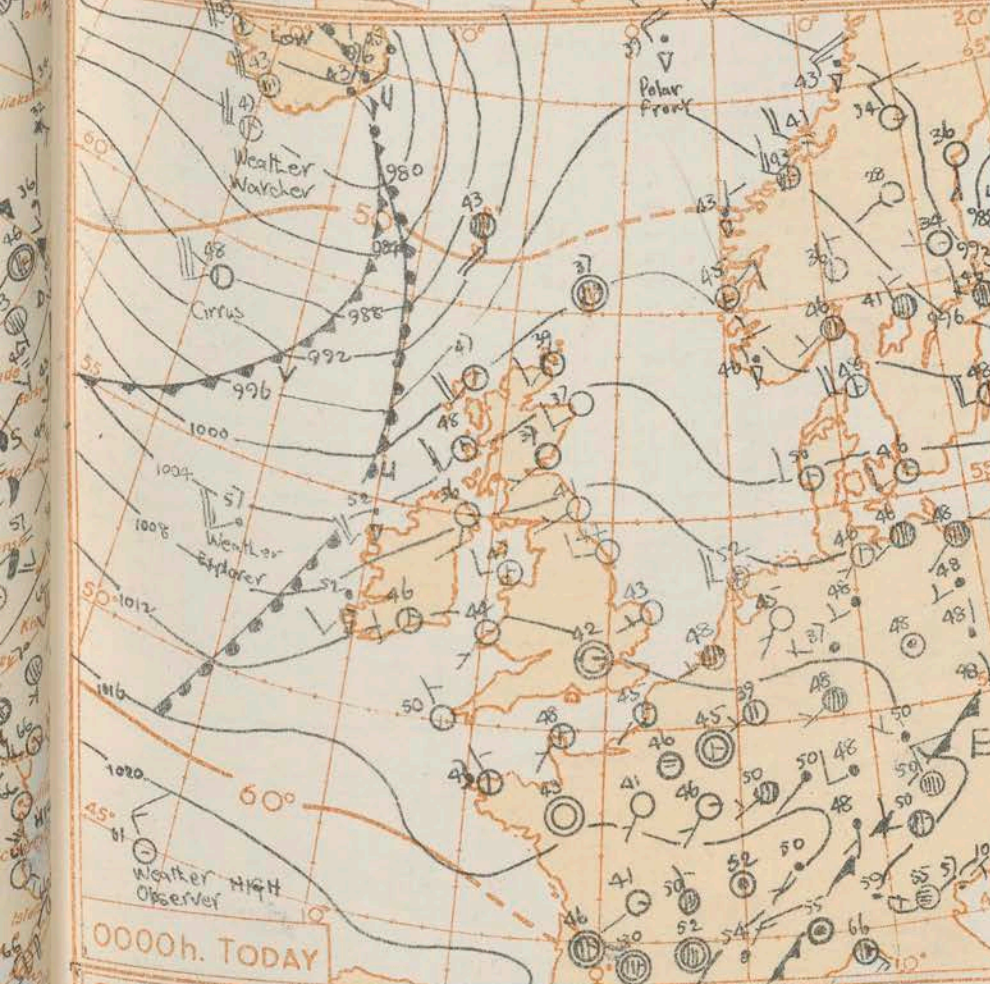
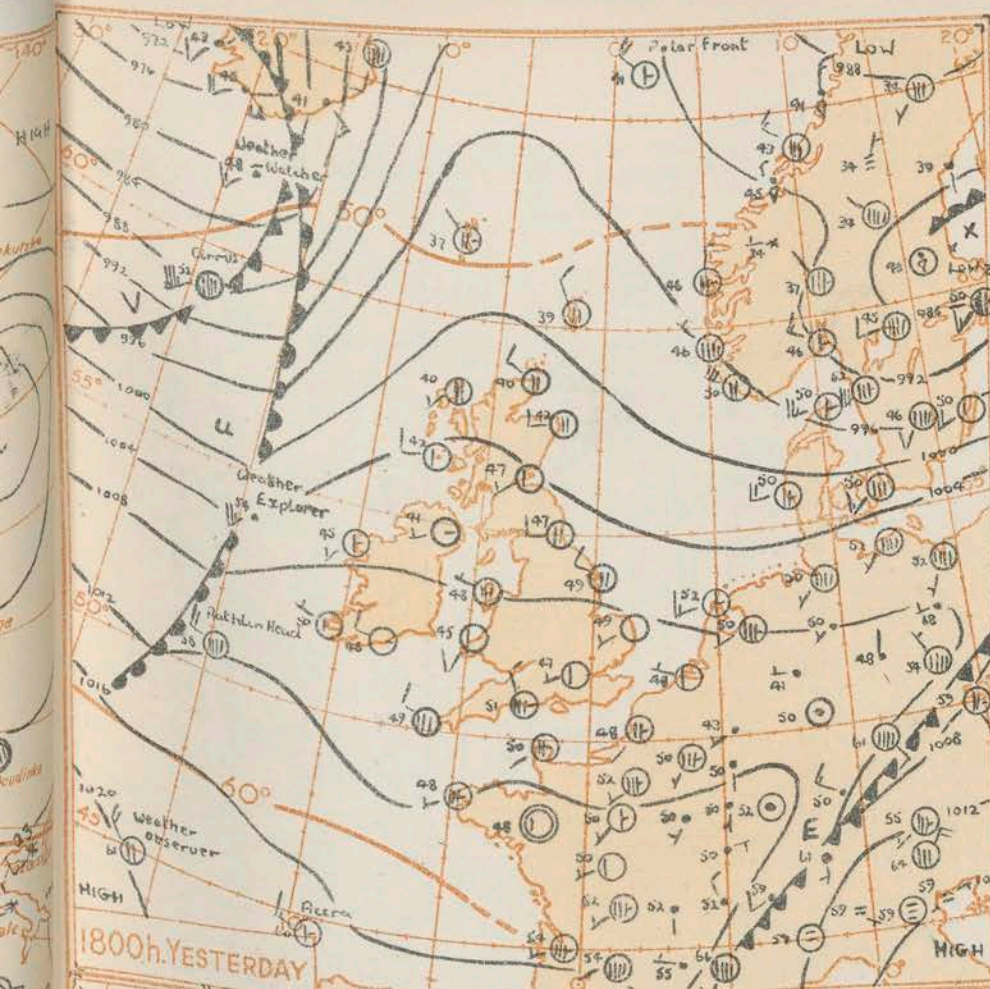
Mid-day (12h) of Saturday 19th October, 1957

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

NAUTICAL MILES.

NAUTICAL MILES.

NAUTICAL MILES.



GENERAL SYNOPSIS DEVELOPMENT

A depression over south Scandinavia moved away quickly northeastward and a shallow ridge has crossed the British Isles during the night and is being followed by the fronts of a depression centred near Iceland and moving eastward.

Issued at midday today Sunday 20th October 1957

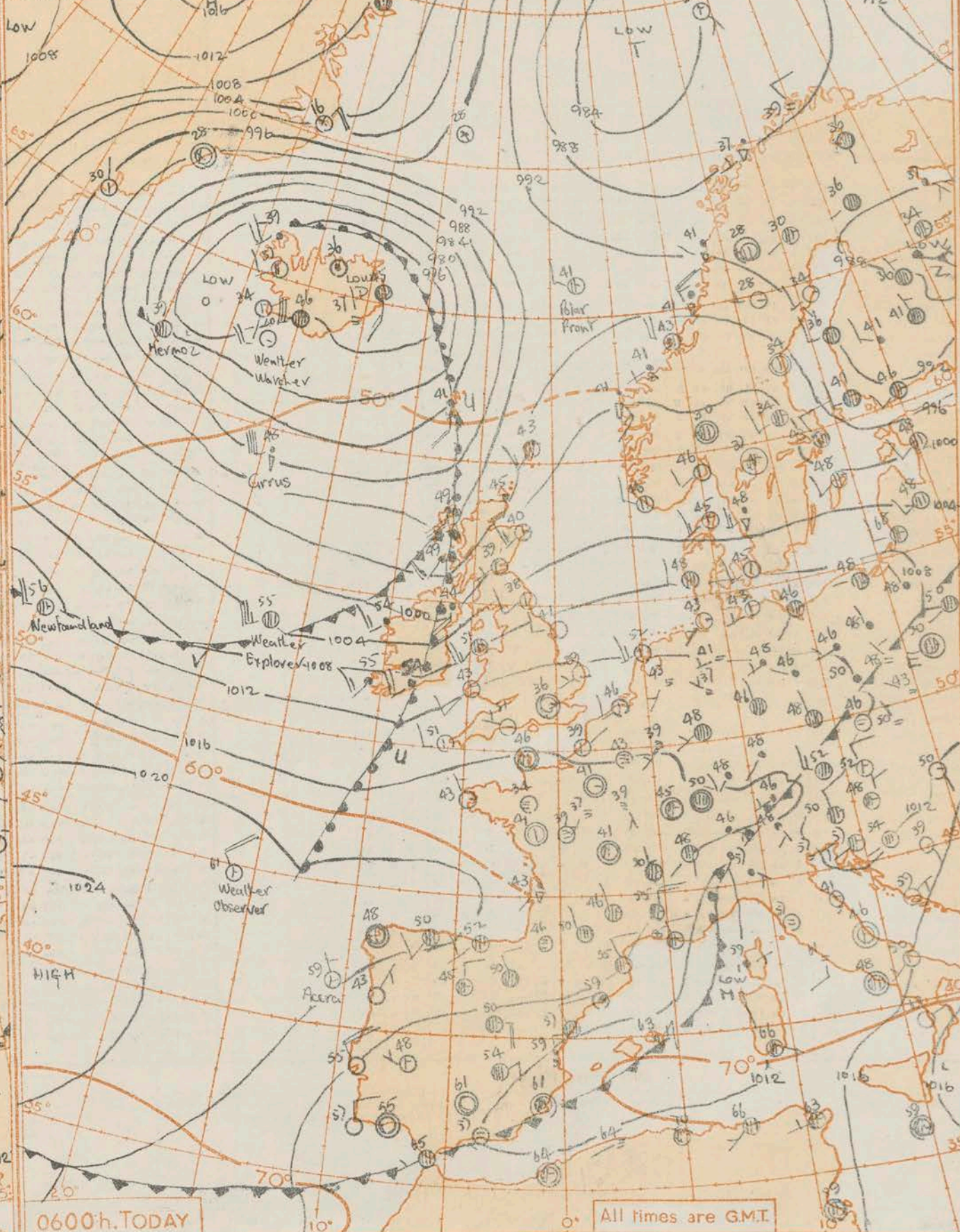
FORECAST FOR BRITISH ISLES until noon tomorrow

Rain over Scotland and Ireland will move eastward to affect all areas later today but in eastern England weather will be bright at first. Showery weather with bright intervals will follow the rain eastward this afternoon and tonight but southern coastal areas of England may remain cloudy with occasional rain. Winds will be strong at times in northern areas, possibly reaching gale force. It will be rather cold in most areas.

OUTLOOK FOR following 48 hours:-

Showery in the north at first but mainly bright in the south and east. Further rain is likely to spread from the west to most areas later.

Mean Sea surface isotherms for OCTOBER 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 G.M.T.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

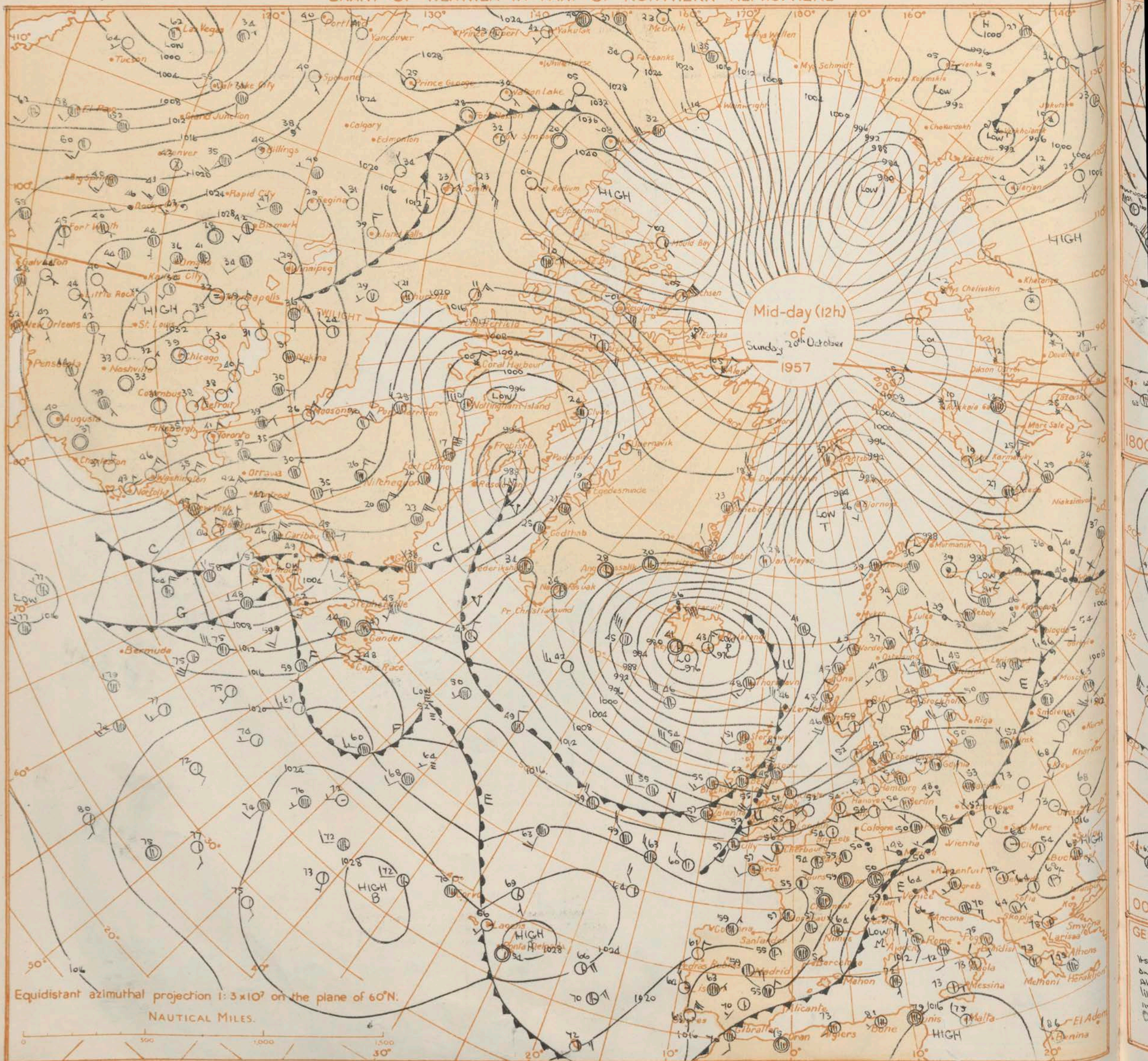
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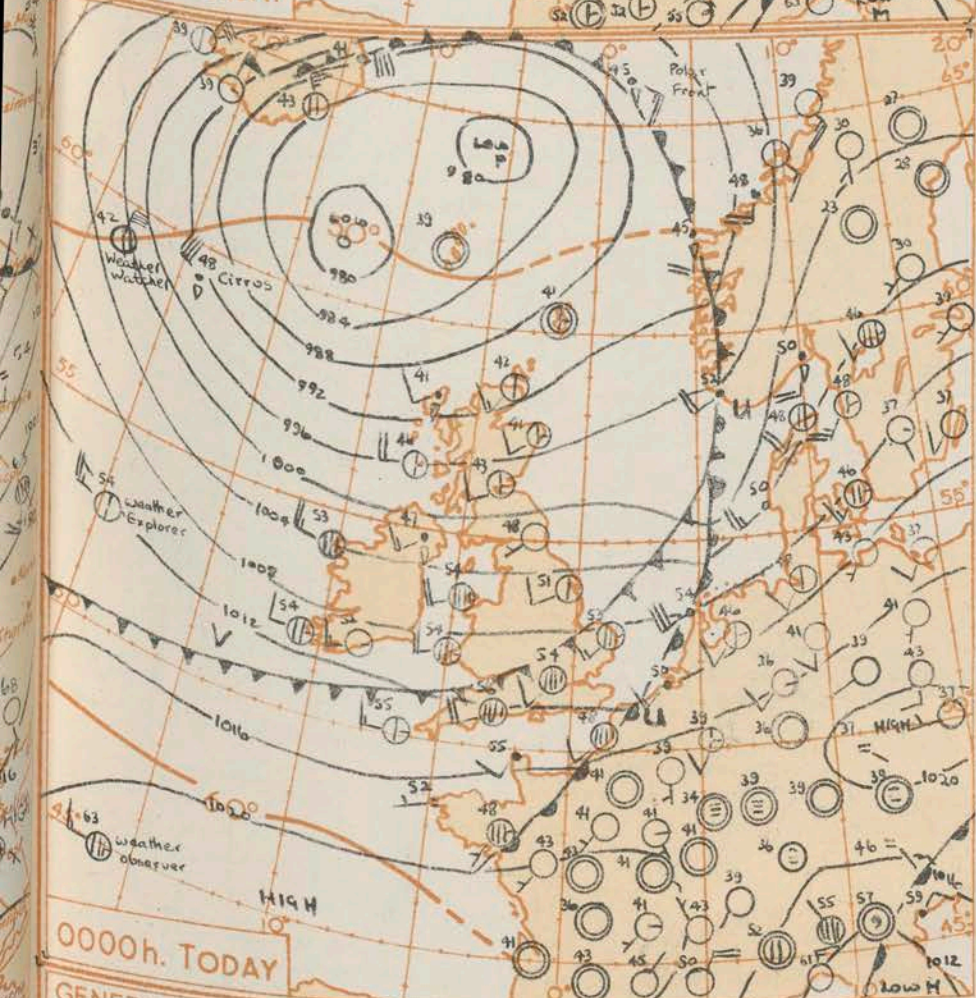
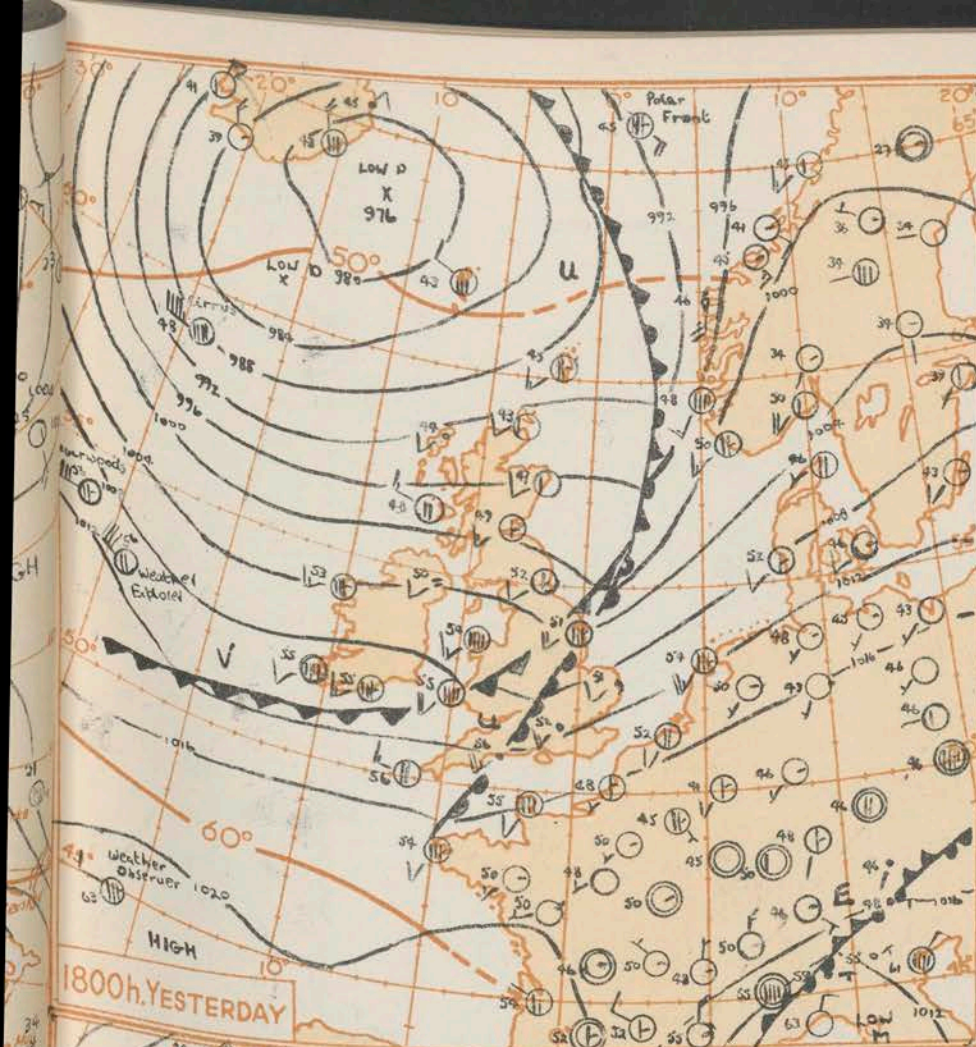
06h. Ships Reports

* Information not usually received.

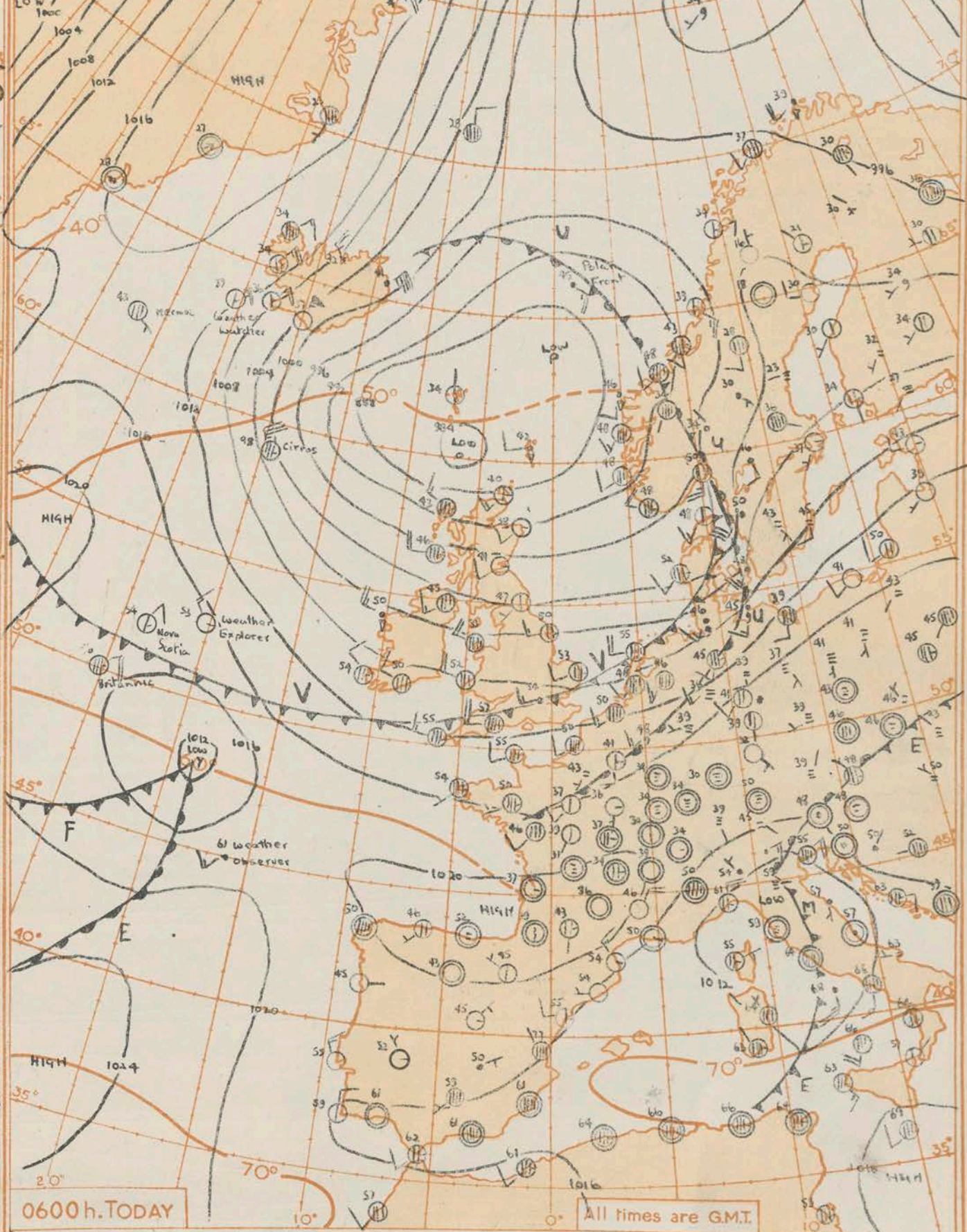
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





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



GENERAL SYNOPSIS DEVELOPMENT

A depression moved southeast towards northern Scotland while its fronts have crossed most of the British Isles. This depression is expected to move eastward and may redevelop over southern Scandinavia, while a developing ridge moving east over the Atlantic will approach the British Isles, but a shallow depression southwest of Ireland appears likely to move eastward over northern France during the night and tomorrow morning and may induce a wave on the slow moving cold front now over southern England.

Issued at midday

today Monday 21st October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Rather cold showery weather will occur in most areas with snow on Scottish Highlands and local hail and thunderstorms. Sheltered eastern areas will have only few showers with long sunny periods today and showers will become few and infrequent in most inland and western areas tonight. Southern England will be mainly cloudy with local rain but an area of more general rain may move eastward during the night to affect Southwestern England tomorrow morning. Frost may occur tonight except over Southern England.

OUTLOOK FOR following 24 hours:-

Further rain may spread in from the northwest and showers are likely in eastern Britain but central and southern England and most of Wales will be mainly dry and bright tomorrow.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 21 st October 1957																									OBSERVATIONS at 06h. G.M.T. 21 st October 1957																									OBSERVATIONS during Night																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Code FM 11.A		Station Number	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar.	Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar.	Cloud Layers				Weather	Temp.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Direction	Speed		Present	Past	Amount	Low			Height	Medium	High	Present			Past	Amount			Low	Height	Medium	High			Present	Past	Amount	Low		Height	Medium	High	21h to 03h.	03h to 09h.	Min.	Max.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Date of Issue....Tuesday, 22nd October.....1957

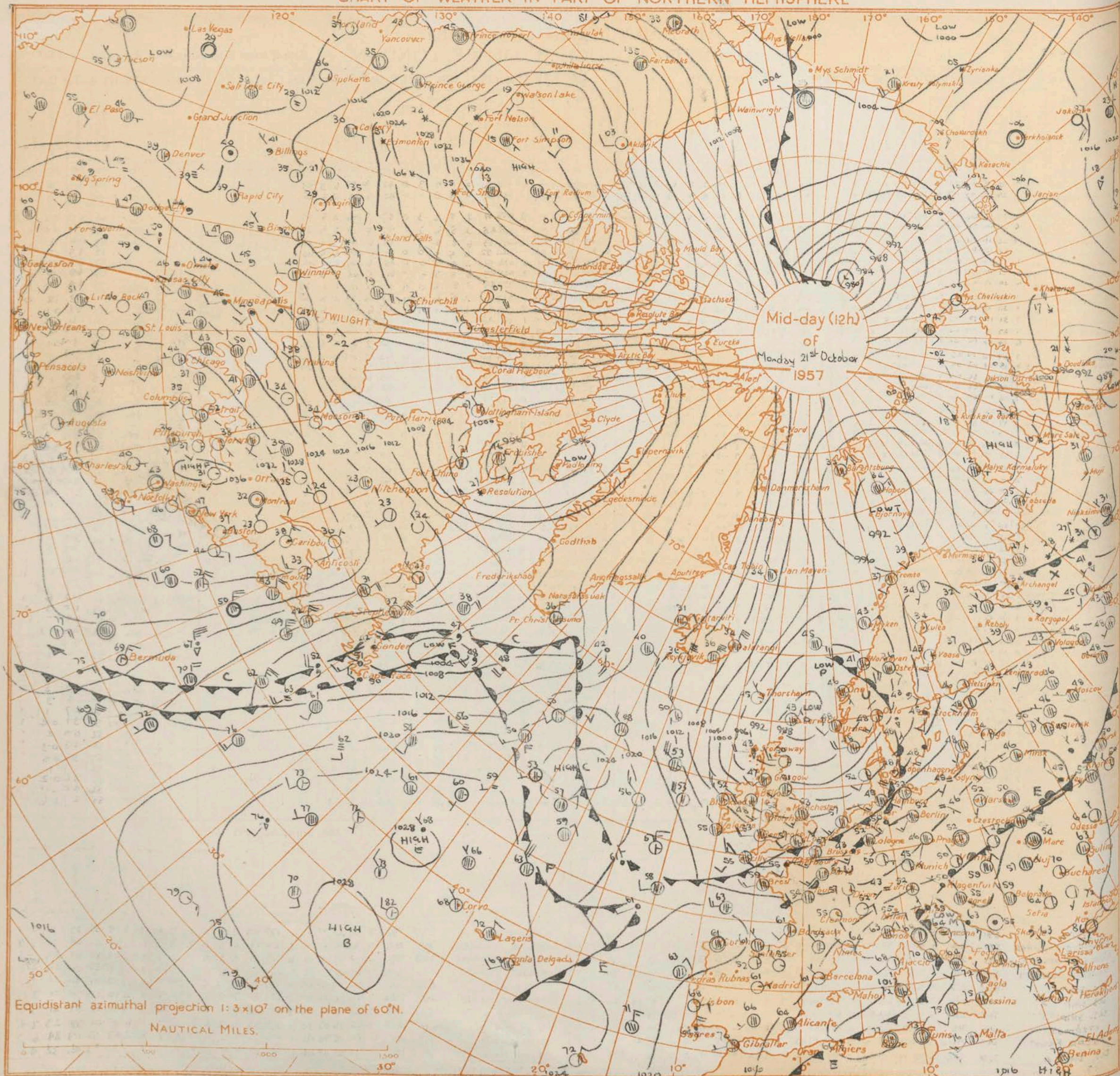
Code F.M.21.A		12h. Ships Reports																				18h. Ships Reports																															
Ship	LAT.	LONG.	Total Cloud	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves			Ship	LAT.	LONG.	Total Cloud	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves												
				Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction			Speed	Character	Change in 3 hours					Sea	Dew Point	Direction	Period	Height			Direction	Speed	Visibility	Present	Past	Amount			Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
Islands	Islands	Islands	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	Islands	Islands	Islands	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw				
CIRRUS	591	190	5	34	26	70	02	2	099	50	5	2	5	0	0	6	1	2	37	52	39	78	4	1	590	190	8	33	16	70	03	1	133	48	7	5	5	0	7	4	1	2	18	55	33	31	4	7					
WEATHER EXPLORER	517	204	2	30	17	78	03	0	139	56	2	5	6	0	0	7	1	2	12	51	43	30	5	7	525	204	6	32	18	70	02	2	220	56	4	5	6	0	4	1	3	13	52	44	31	5	0						
WEATHER WATCHER	633	264	7	10	10	78	03	1	161	40	7	5	4	-	8	6	3	1	12	58	33	02	4	6	438	159	2	10	08	98	01	6	179	61	2	2	5	0	0	0	2	04	58	57	49	1	3						
WEATHER OBSERVER	449	196	3	25	10	77	61	6	188	61	5	-	4	2	-	0	0	7	06	53	36	35	4	3	660	020E	8	07	13	98	02	2	248	46	8	8	-	-	0	0	0	2	15	52	36	09	4	3					
U.S. SHIP 'C'	528	355	8	20	14	65	02	2	219	50	2	5	5	-	0	0	1	14	53	58	23	3	4	608	302	8	19	29	56	63	6	078	46	7	7	4	-	-	0	2	7	22	01	46	18	4	3						
U.S. SHIP 'D'	440	410	7	27	10	63	15	8	258	61	6	2	5	7	0	0	1	14	53	58	23	3	4	482	282	7	02	10	98	00	2	261	59	7	5	5	-	-	2	6	2	10	63	50	01	3	5						
U.S. SHIP 'B'	565	510	8	36	20	69	02	5	110	38	1	1	5	2	-	0	0	2	08	56	28	01	3	5	528	355	9	20	18	05	47	5	186	52	9	-	0	-	0	0	7	12	02	52	21	3	2						
MERMOZ	614	316	8	17	25	60	61	6	123	42	6	7	4	2	-	3	4	8	25	50	39	35	5	3	440	410	6	26	06	65	80	8	252	65	6	2	4	0	0	0	6	05	01	58	23	3	4						
POLAR FRONT	660	020E	8	10	24	78	61	6	224	45	5	7	5	2	-	0	0	2	11	53	44	11	4	4	577	181	6	34	15	98	16	1	207	55	5	5	4	0	1	2	5	2	03	55	29	34	6	7					
U.S. SHIP E	350	480	6	18	09	05	80	2	261	76	4	9	5	4	3	0	0	3	12	04	71	17	4	3	551	178	6	32	30	67	02	2	147	52	5	8	5	1	0	6	1	2	20	53	46	32	4	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.																							

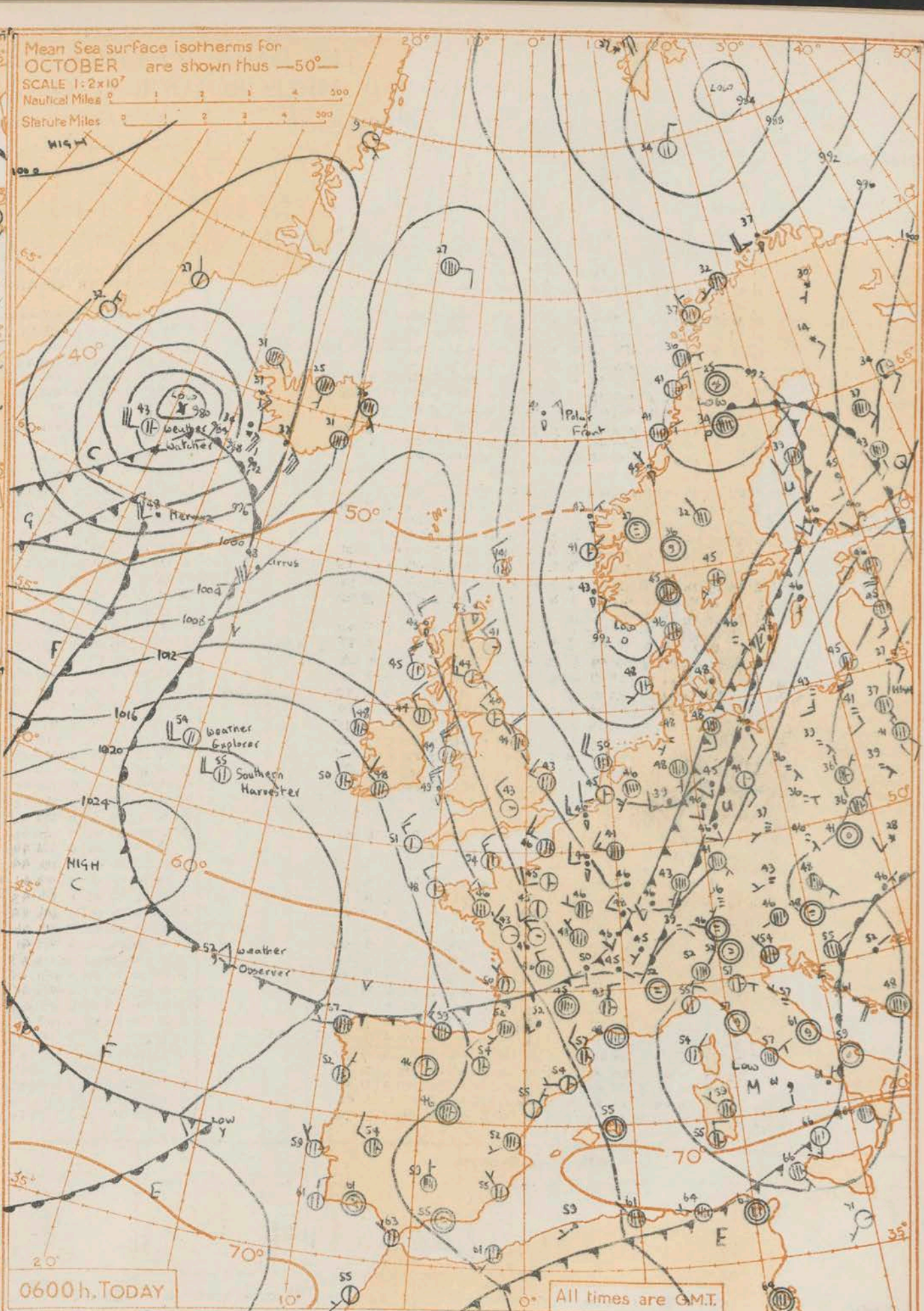
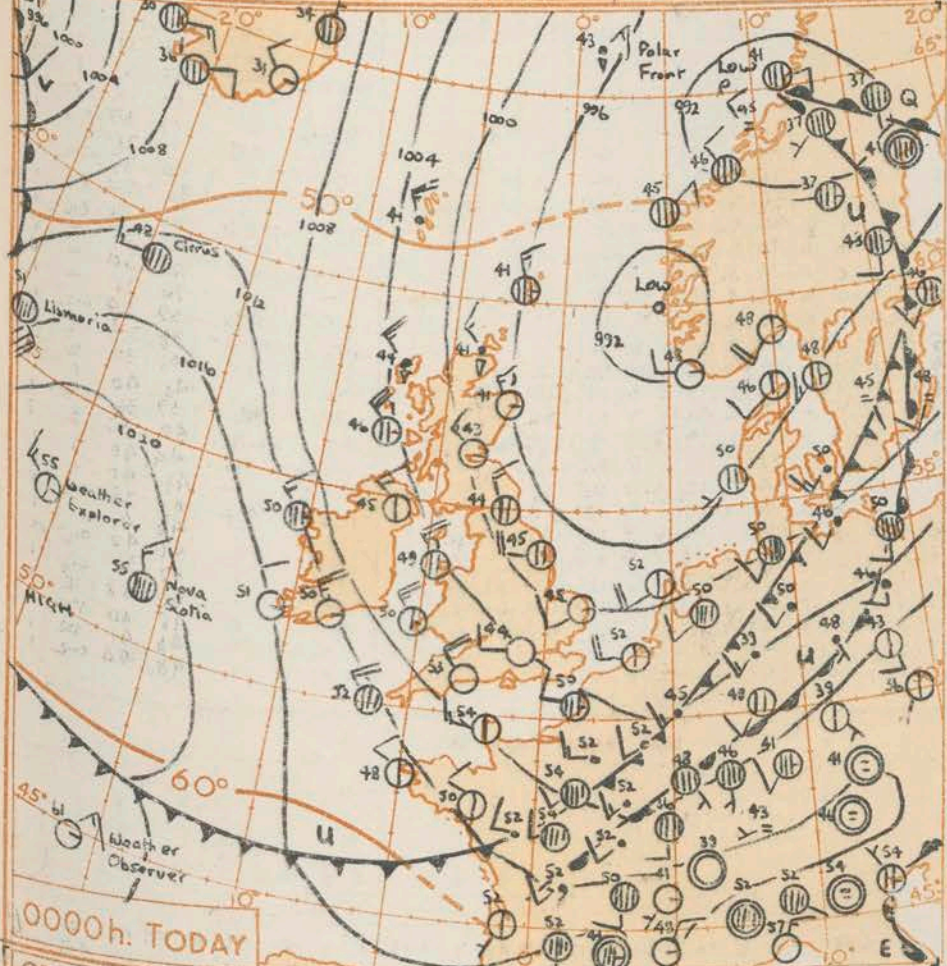
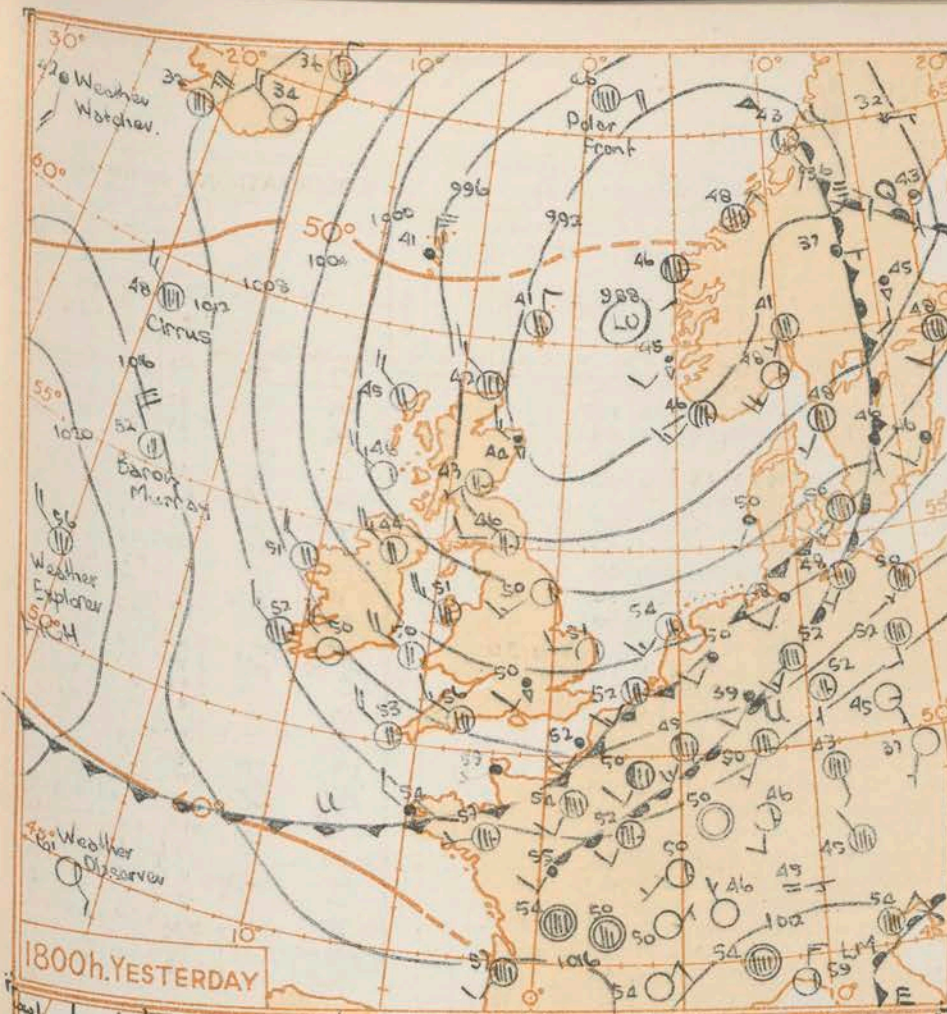
All times of observation printed in this publication are GREENWICH MEAN TIME.

* 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 now over southwest Norway has moved from the north of Scotland in the last 24 hours and is expected to transfer to the South Baltic (aided by a wave disturbance in the associated cold front). A complex low pressure belt from Newfoundland to South Greenland has deepened rapidly as it moved to the Iceland area. This deep system will move slowly into the Norwegian Sea with associated fronts crossing northern districts.

Issued at midday today Tuesday 22nd October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

After scattered showers and sunny intervals at first more the northern half of the British Isles but may reach Wales and parts of the Midlands by midday. Temperatures gradually recovering to near average tomorrow but chance of ground frost in places in the South-east.

OUTLOOK FOR following 24 hours:

Mainly cloudy with some rain or drizzle in most areas but becoming brighter in the north later in the period.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

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THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue.....Wednesday 23rd October.....1957

No. 35034

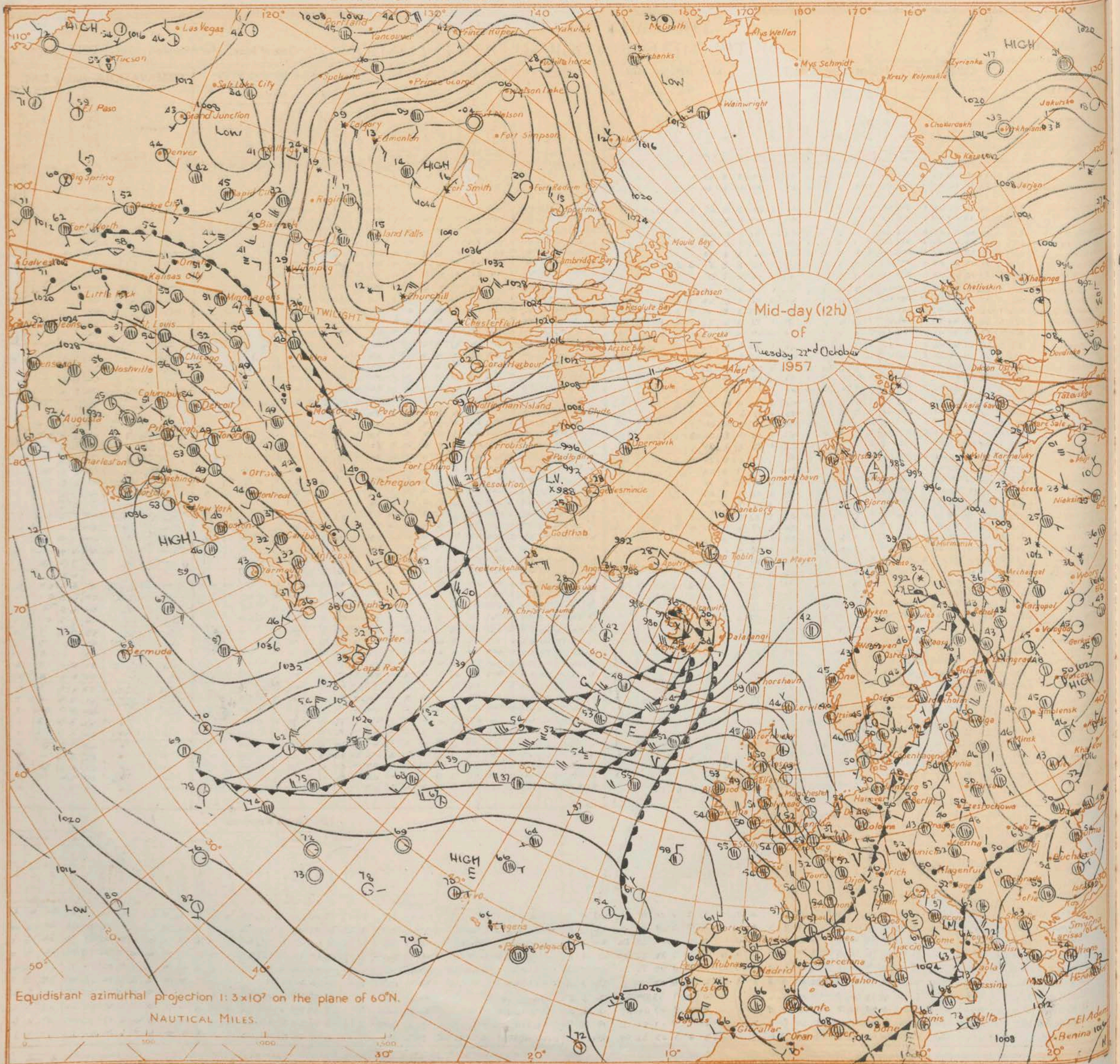
12h. Ships Reports																				18h. Ships Reports																															
Code F.M.21.A		Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course	Bar	Temp.	Waves			Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course	Bar	Temp.	Waves												
Direction	Speed					Visibility	Present	Past	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		
																																																		N	dd
CIRRUS	588	191	8	25	33	50	61	6	933	54	1	7	2	-	1	2	6	28	01	52	24	4	8	CIRRUS	584	187	8	27	28	60	58	6	936	53	-	7	3	2	-	6	1	6	24	01	50	25	4	8			
WEATHER EXPLORER	524	201	8	24	21	98	02	2	173	30	8	5	6	-	0	0	7	08	52	50	34	2	5	WEATHER EXPLORER	526	199	8	23	30	97	60	2	155	56	5	7	4	2	-	0	0	7	25	31	56	24	3	3			
WEATHER OBSERVER	447	160	2	33	06	98	02	0	243	61	1	1	5	0	1	0	2	04	33	50	49	0	3	WEATHER OBSERVER	491	152	4	20	01	94	03	0	236	61	1	3	6	3	-	0	0	8	07	55	53	26	3	3			
WEATHER WATCHER	624	316	5	32	25	98	15	8	819	42	4	2	8	6	0	6	2	3	38	33	37	23	4	8	WEATHER WATCHER	660	020E	7	13	07	98	15	1	207	42	7	9	4	-	0	0	1	28	54	26	29	4	4			
POLAR FRONT	660	020E	4	00	00	99	02	1	986	42	2	8	8	0	1	0	0	8	04	33	30	49	-	2	POLAR FRONT	620	321	4	30	06	99	02	8	908	41	4	2	4	0	0	0	2	2	08	54	26	29	4	4		
U.S. SHIP 'B'	565	510	6	21	23	69	02	2	082	40	6	8	5	3	0	0	8	6	02	32	31	27	3	5	U.S. SHIP 'B'	503	023	2	31	26	70	01	1	137	54	3	2	5	0	0	0	6	3	2	08	54	26	29	4	4	
U.S. SHIP 'C'	528	355	8	20	33	58	31	4	047	54	8	6	3	-	-	0	0	7	33	04	52	18	3	5	U.S. SHIP 'C'	528	355	8	26	13	59	63	6	067	43	8	6	4	-	-	0	0	6	3	2	08	54	26	29	4	4
U.S. SHIP 'D'	440	410	7	18	14	59	02	2	182	68	7	5	4	-	-	0	0	8	07	04	65	18	2	3	U.S. SHIP 'D'	440	410	8	22	23	65	80	2	160	62	8	5	4	-	-	0	0	6	03	00	60	10	5	5		
BENVERFORD	535	320	8	19	39	24	44	5	054	57	8	4	6	-	-	2	5	7	17	01	52	19	5	8	BENVERFORD	533	245	8	29	25	58	60	6	429	48	0	7	4	3	-	3	4	6	05	00	43	25	4	5		
MEMOZ	590	260	8	25	25	40	63	6	931	48	7	6	3	-	-	3	4	2	03	52	48	24	4	7	MANCHESTER PROSPECTOR	567	176	8	23	34	58	20	5	004	55	8	7	9	0	0	6	2	6	20	02	53	15	5	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.

NAUTICAL MILES.

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

SCALE 1:2x10⁷

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

HIGH

988

992

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THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

[illegible][illegible]

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* Information not usually received.

H.M.S.O. Press, M.O. Duns

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Thursday, 24th October 1957

No. 35035

OBSERVATIONS at 12h. G.M.T. 23rd October 1957OBSERVATIONS at 18h. G.M.T. 23rd October 1957

OBSERVATIONS during DAY

[illegible]

12h. Ships Reports

18h. Ships Reports

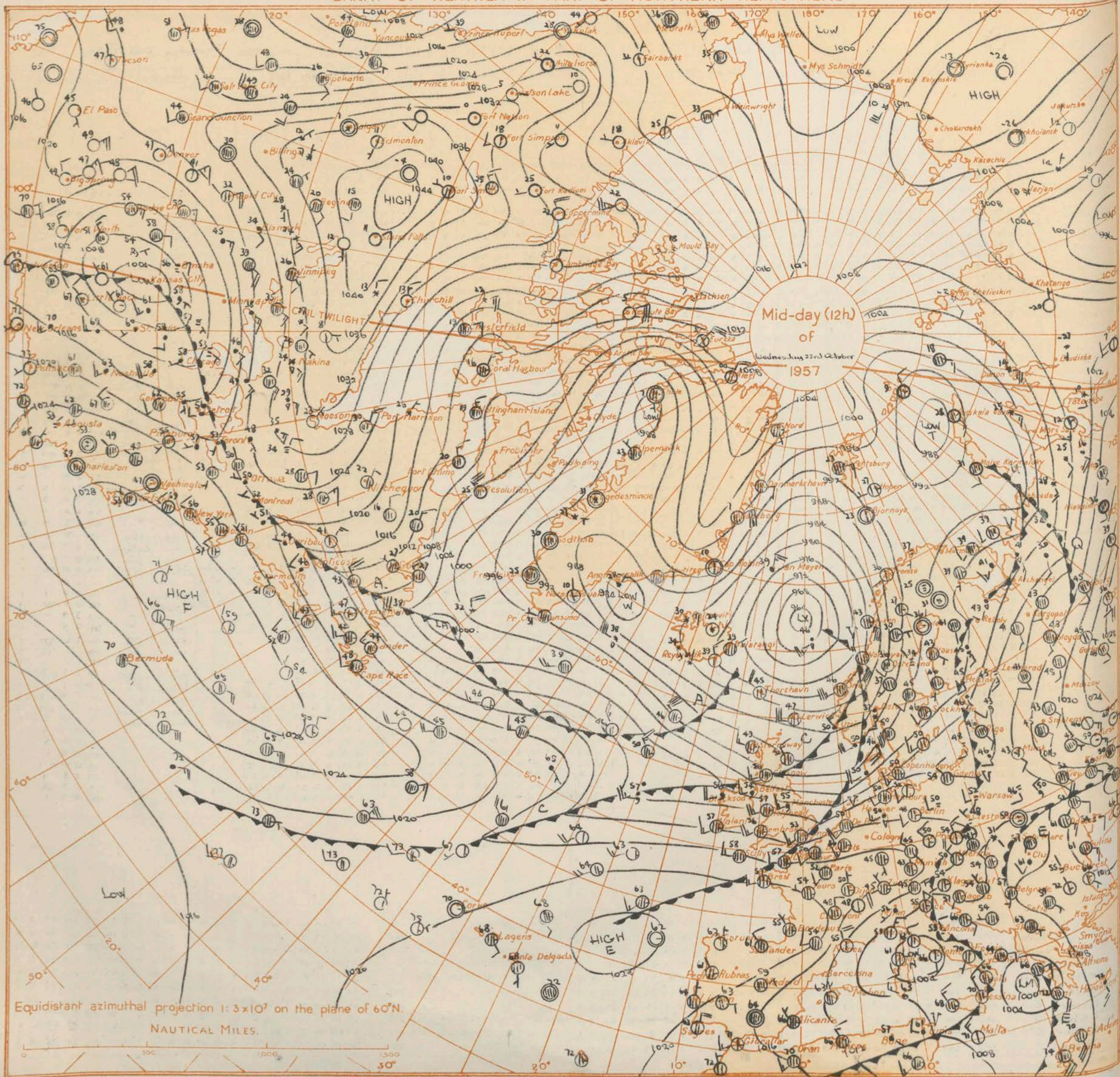
Code F.M. 21.A		LAT.		LONG.		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud					Course		Bar		Temp.		Waves	
Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height		
																									Lat	Long
CIRRUS	570	190	7	25	40	65	25	2	953	46	7	9	4	6	0	6	1	1	24	54	34	29	4	8		
WEATHER EXPLORER	525	200	8	23	27	96	58	5	966	37	7	7	3	2	-	5	1	5	07	00	57	23	3	6		
WEATHER OBSERVER	450	159	7	23	17	98	02	2	230	63	7	5	6	-	-	0	0	7	03	52	45	24	3	3		
POLAR FRONT	660	0200	6	20	23	78	80	8	672	46	6	9	3	-	-	0	0	4	00	51	39	18	5	6		
WEATHER WATCHER	620	324	7	27	40	97	86	8	904	38	7	9	4	-	-	0	0	2	16	57	27	29	4	7		
U.S. SHIP 'C'	528	355	8	24	14	89	15	2	156	45	8	8	6	0	0	0	0	2	08	56	63	32	3	7		
U.S. SHIP 'D'	440	440	8	02	14	69	02	2	226	58	5	5	7	-	-	0	0	2	17	56	43	32	3	7		
U.S. SHIP 'B'	563	510	8	29	20	05	71	7	775	32	8	0	2	2	-	0	0	7	30	60	32	30	3	4		
U.S. SHIP 'E'	350	480	7	05	05	49	02	2	190	73	4	3	5	0	7	0	0	3	12	01	67	03	5	6		
MEEROL	559	203	7	29	14	70	01	2	039	50	3	8	3	0	8	3	4	2	22	34	45	26	5	4		
CIRRUS	591	190	7	29	30	60	02	8	019	46	7	8	5	0	0	6	1	2	33	57	30	79	4	1		
WEATHER EXPLORER	526	200	8	04	19	97	51	5	082	53	3	7	5	2	-	0	0	0	06	54	52	25	4	5		
POLAR FRONT	660	0200	4	27	19	98	80	8	658	45	4	9	3	0	-	0	0	0	52	34	22	6	7			
WEATHER OBSERVER	448	160	7	25	11	98	15	2	216	62	7	8	5	-	-	0	0	2	00	52	54	22	3	3		
WEATHER WATCHER	620	321	4	23	30	98	03	8	907	38	3	3	4	0	8	0	0	2	03	57	35	76	4	2		
U.S. SHIP 'C'	528	355	6	20	21	65	15	8	112	48	2	2	4	4	0	0	0	7	25	63	43	24	4	4		
U.S. SHIP 'D'	440	410	7	05	12	60	02	2	206	59	7	5	5	-	-	0	0	7	08	56	42	32	5	6		
SOUTHERN HARVESTER	472	251	7	22	34	93	03	1	128	63	5	5	4	-	-	5	4	7	03	53	61	24	5	3		
MANCHESTER PROSPECTOR	562	230	6	30	13	93	01	-	082	48	6	5	5	0	0	6	3	3	30	56	39	30	3	6		
BARON MURRAY.	548	256	4	35	13	93	02	1	102	47	4	5	4	0	0	6	2	1	10	55	35	49	3	3		

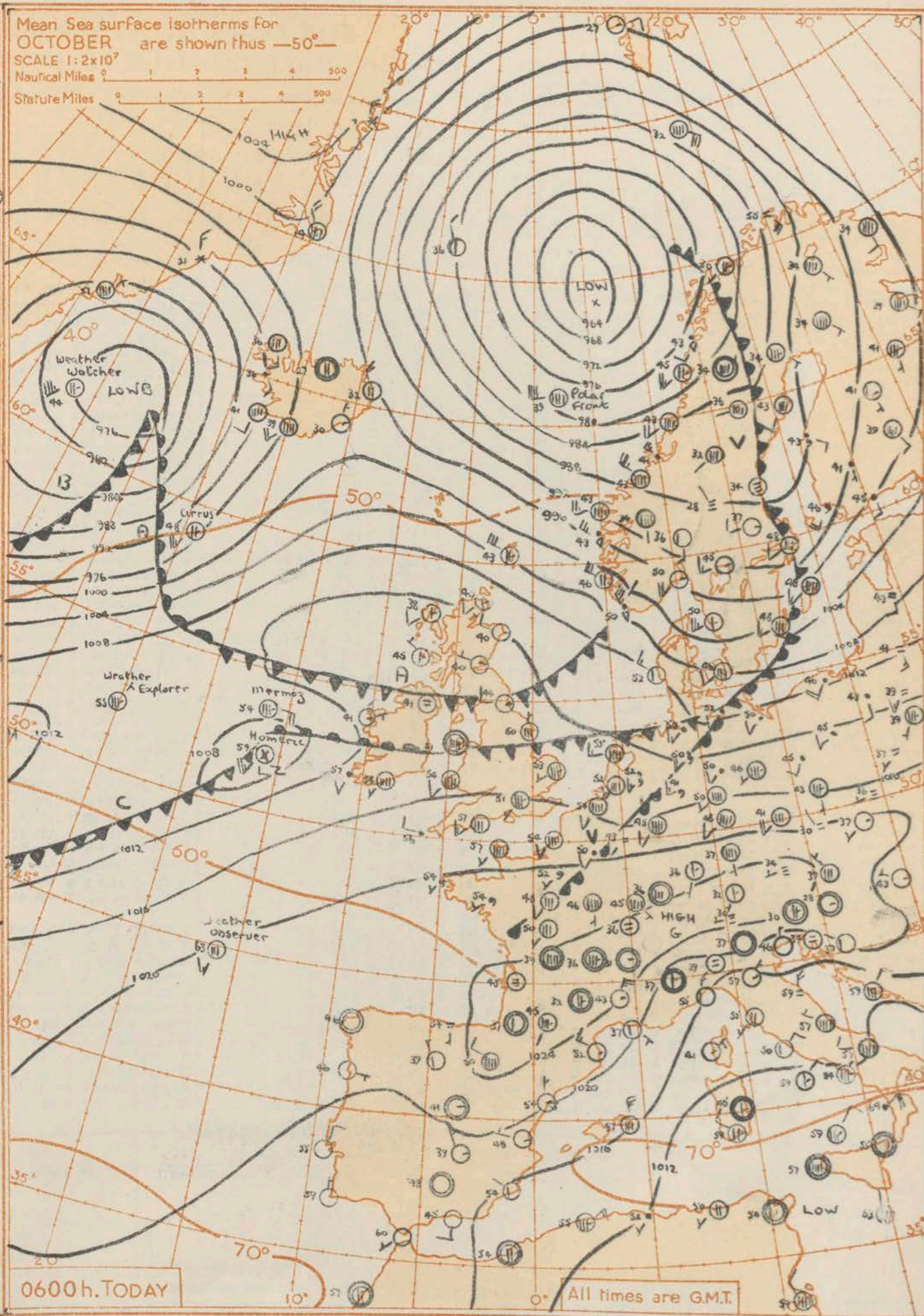
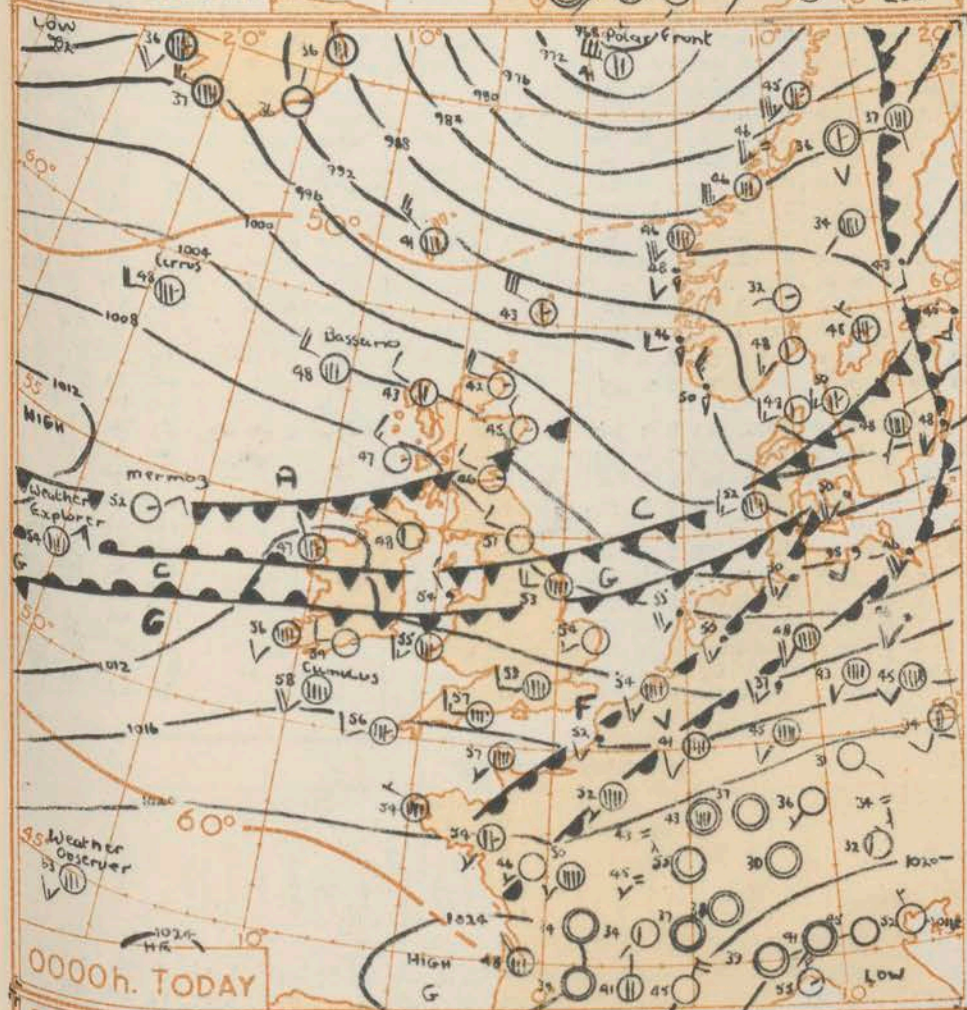
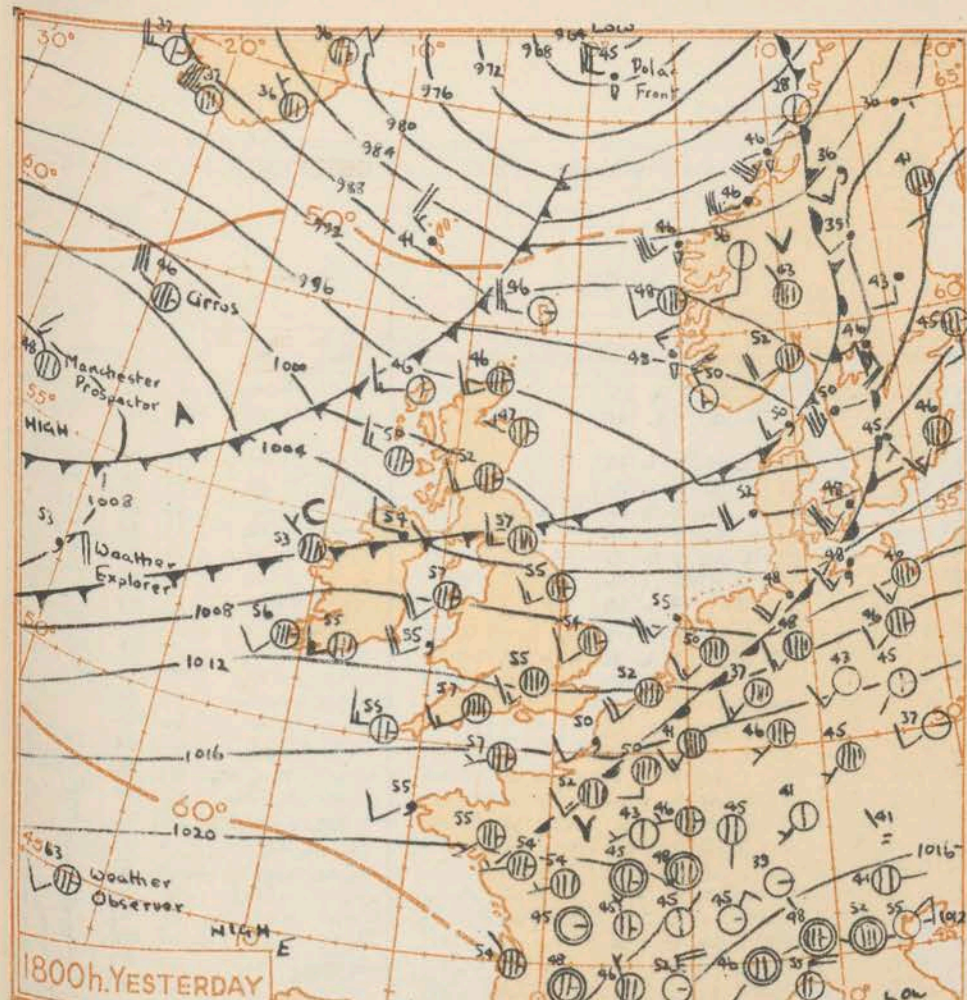
All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

A depression well to the north of Scotland moved north-eastwards and associated cold fronts moved southwards, becoming quasi-stationary later over the British Isles. A developing ridge of high pressure is expected to move eastwards from Britain and a small wave disturbance to the west of Ireland will probably cross central districts. A deepening depression will move towards Iceland and its cold front is expected to move into Scotland tomorrow morning.

Issued at midday today Thursday 24th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Cloudy weather, with a little rain or drizzle in places, will persist over Wales and the southern half of England and will also extend to Northern Ireland and northern England later today. Scotland will have fine weather today apart from a few scattered showers in the north but it will become generally cloudy tonight with rain spreading into western and northern districts later, accompanied by southwesterly gales. Temperatures mostly above average.

OUTLOOK FOR following +8 hours:

Rather cloudy with rain or showers at times especially in the north. Temperatures above average.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 24th October 1951																								
OBSERVATIONS at 06h. G.M.T. 24th October 1951																								
OBSERVATIONS during NIGHT																								
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
			N dd (1)	dd (2)	ff (3)	vv (4)	ww (5)	W (6)	PPP (7)	TT (8)	Nh (9)	CL (10)	h (11)	CM (12)	CH (13)	Td (14)	a (15)	pp (16)	Ns (17)	C (18)	hshs (19)	Ns (20)	C (21)	hshs (22)
	Kew London Airport	775	8	27	10	7	02	2	135	53	5	5	4	-	-	50	3	09	5	6	16	8	6	38
	Tangmere	874	8	27	07	66	02	2	146	55	8	5	6	-	-	51	2	09	8	6	41			
	Hurn	862	8	24	07	62	03	5	149	55	3	5	5	-	-	51	2	06	3	6	20	8	6	36
	Guernsey	894	8	26	10	80	02	6	182	55	8	5	6	-	-	51	2	08	8	6	30			
	Felixstowe	697	8	24	09	56	03	1	121	54	8	5	6	-	-	53	3	10	8	6	26			
	Garlieston	497	0	26	05	60	02	0	106	54	0	0	9	0	0	53	2	12						
	Mildenhall	578	1	26	05	61	01	1	117	53	1	5	6	-	-	50	2	17	1	6	30			
	Cardington	559	7	24	10	56	01	1	120	53	7	5	5	-	-	52	2	11	7	6	21			
	West Raynham	485	1	25	19	59	01	1	099	51	1	5	5	0	0	49	2	15	1	6	21			
	Wittering	462	1	24	15	66	03	1	110	52	1	5	6	-	-	49	2	15	1	6	30			
	Boscombe Down	746	8	26	07	66	02	5	148	52	4	5	4	-	-	50	2	11	4	6	16	8	6	45
	Ross-on-Wye	627																						
	Bristol	628	3	27	10	58	02	0	140	55	3	5	6	-	-	52	2	14	3	6	40			
	Aberporth	502	7	25	17	62	01	5	129	55	5	6	2	-	-	53	2	15	5	7	05	7	7	09
	Rhoose	715	8	24	12	62	03	6	145	56	6	7	3	-	-	54	1	14	6	7	08	8	7	09
	Plymouth	827	8	26	10	61	02	2	165	57	2	6	4	-	-	53	3	11	2	7	16	8	6	27
	Chivenor	707	8	26	18	66	03	6	153	57	8	6	4	-	-	54	2	10	8	7	12			
	St. Mawgan	817	8	26	18	66	03	2	164	55	4	6	3	-	-	54	3	10	4	7	06	8	6	22
	Culdrose	809	8	27	11	80	02	2	170	55	5	5	4	-	-	53	3	09	5	6	16	8	6	30
	Scilly	804	7	26	12	61	02	2	171	56	7	5	3	-	-	54	2	09	7	6	08			
	Elmdon	534	6	22	10	63	02	2	116	54	6	5	4	-	-	51	2	14	6	6	27			
	Shawbury	414	7	24	13	80	05	2	111	55	7	6	4	-	-	51	3	12	7	7	17			
	Manchester	334	8	22	10	11	55	6	101	53	5	6	2	-	-	52	2	19	5	7	03	8	7	08
	Squires Gate	318	7	30	10	61	02	6	096	54	4	5	4	-	-	51	2	28	2	7	10	4	6	15
	Valley	302	8	31	12	58	01	5	109	54	3	6	3	-	-	52	2	17	3	7	08	8	7	12
	Ronaldsway	204	3	32	11	62	01	6	100	52	1	5	5	7	0	47	2	23	1	6	25	3	3	60
	Silloth	214	0	24	09	74	01	6	092	50	0	0	9	0	0	46	2	29						
	Watnall	354	8	25	08	59	02	2	102	54	8	5	5	-	-	51	2	09	8	6	23			
	Spurn Head	396	8	27	20	60	03	8	083	53	8	6	4	-	-	51	2	08	8	7	18			
	Lindholme	362	8	25	13	59	01	5	097	56	4	5	6	-	-	49	2	20	4	7	17	8	6	20
	Dishforth	261	7	31	10	71	03	5	082	55	3	5	6	-	-	49	2	27	3	6	30	7	6	56
	Tynemouth	262	0	29	12	66	01	8	072	51	0	0	9	0	0	42	2	38						
	Eskdalemuir	162																						
	West Freugh	130																						
	Prestwick	135	1	28	18	74	02	6	088	50	1	5	6	0	0	41	2	27	1	6	40			
	Renfrew	141	3	28	05	85	02	1	082	47	3	5	6	0	0	42	2	33	3	6	30			
	Leuchars	171	1	29	09	74	03	1	059	46	1	5	6	0	0	38	2	35	1	6	30			
	Dyce	091	8	29	07	74	02	1	060	47	7	5	6	-	-	40	2	40	7	6	35			
	Wick	075	5	29	17	80	00	8	030	42	5	2	5	-	-	37	2	45	5	8	20			
	Cape Wrath	049	5	27	30	81	00	8	017	45	5	3	5	0	0	35	2	44	5	9	25			
	Sule Skerry	010	5	32	30	66	03	8	007	46	5	8	4	-	-	38	2	51	5	6	15			
	Lerwick	005	2	31	30	74	27	8	934	41	2	3	4	-	-	36	2	29	2	9	18			
	Stornoway	026	4	29	12	74	02	8	066	43	4	2	5	0	0	32	3	41	4	3	15			
	Benbecula	022	4	30	16	82	03	8	085	48	4	2	5	0	0	33	2	42	4	8	27			
	Tiree	100	1	32	14	83	01	8	095	47	1	8	5	0	0	35	2	33	1	8	20			
	Aldergrove	917	2	29	02	62	01	6	106	48	2	5	6	0	0	46	2	29	2	6	40			
	Malin Head	980	7	31	10	80	05	8	108	51	2	2	5	0	0	44	2	25	2	8	26			
	Belmullet	976	7	34	01	69	01	6	121	47	7	5	4	-	-	44	2	19	1	7	16	7	6	27
	Birr	965	8	32	02	24	58	6	120	52	8	6	2	-	-	51	2	25	2	7	03	8	7	11
	Collinstown	969	8	29	05	71	21	6	116	52	8	6	4	-	-	50	3	33	5	7	19	8	6	31
	Rineanna	962	8	25	08	40	63	5	122	55	8	7	1	-	-	54	1	18	2	7	02	8	7	04
	Roches Point	952	1	27	09	81	02	0	136	54	1	5	6	-	-	52	1	11	1	6	37			
	Valencia	953	8	22	08	69	03	1	137	56	8	5	4	-	-	55	2	10	2	7	14	8	6	30

00h. Ships Reports

Code FM 21.A	Ship	LAT.	LONG.	Total Cloud	Wind Direction	Wind 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	Long	N dd (1)	dd (2)	ff (3)	vv (4)	ww (5)	W (6)	PPP (7)	TT (8)	Nh (9)	CL (10)	h (11)	CM (12)	CH (13)	Ds (14)	Vs (15)	a (16)	pp (17)	Ts (18)	Td (19)	dwdw (20)	Pw (21)	Hw (22)
	CIRRUS	590	188	7	26	18	70	03	2	058	48	7	5	6	0	0	6	1	2	11	53	34	29	4	9
	WEATHER EXPLORER	523	201	8	04	15	70	01	6	097	54	5	5	4	7	-	0	0	1	01	53	31	49	-	4
	WEATHER OBSERVER	448	158	6	20	14	98	01	2	223	63	6	5	6	-	-	0	0	2	02	52	56	21	3	3
	WEATHER WATCHER	621	320	8	20	35	97	61	6	847	42	6	7	3	2	-	0	0	8	48	54	40	75	4	7
	POLAR FRONT	660	020E	4	28	33	98	25	8	698	41	5	9	3	0	0	0	0	3	30	57	38	26	6	8
	U.S. SHIP "C"	528	355	8	23	27	63	80	8	076	48	6	2	4	7	-	0	0	7	20	52	46	22	3	4
	U.S. SHIP "D"	440	410	2	23	12	69	01	1	263	57	3	5	5	0	0	0	0	7	03	57	39	32	3	5
	CUMULUS	508	089	8	23	22	65	02	2	151	58	8	5	4	-	-	6	3	2	04	01	54	24	4	5
	BASSANO	585	106	6	29	22	97	02	1	038	48	6	2	4	0	0	6	3	3	30	54	39	29	5	9
	HERMOS	544	170	1	07	10	70	01	1	107	52	1	5	6	0	0	3	4	1	07	57	46	36	5	2

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 Point	Direction	Period
Lat	Long	N	dd	M	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw
CIRRUS	590	190	5	21	25	70	01	2	050	48	3	8	5	4	0	6	1	5	06	52	36	29	4
WEATHER EXPLORER	523	200	7	01	07	98	03	2	103	65	7	5	5	-	-	0	0	8	03	52	50	49	4
WEATHER WATCHER	622	319	5	22	33	98	01	6	743	44	3	2	5	3	0	0	0	7	43	53	34	73	4
WEATHER OBSERVER	448	158	6	19	14	98	02	2	210	63	6	6	6	-	-	0	0	7	05	51	58	20	3
POLAR FRONT	660	020 E.	8	27	42	97	15	8	759	39	8	9	4	-	-	0	0	2	23	59	36	26	1
U.S. SHIP "C"	528	355	8	20	33	65	02	8	028	50	8	5	4	-	-	0	0	7	30	00	46	21	3
U.S. SHIP "D"	440	410	2	27	14	69	02	0	178	58	2	5	5	0	0	0	0	7	14	56	41	32	3
CUMULUS	511	102	6	22	17	65	01	2	144	58	6	5	4	0	0	6	3	6	07	01	54	24	4
MERM02	537	160	7	09	18	70	03	1	082	54	7	5	5	-	-	3	4	6	20	54	50	09	4
HOMERIC	521	157	9	20	24	97	02	2	054	59	9	-	0	-	-	6	7	7	41	03	57	23	5

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

No. 35036

Date of Issue: Friday 25th October 1957

Waves		Period		Height		Code F.M.21.A		12h. Ships Reports																				18h. Ships Reports																												
dir	Per	Hw	Ship	LAT.	LONG.	Total Cloud	Wind Direction	Speed	Weather	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves			Ship	LAT.	LONG.	Total Cloud	Wind Direction	Speed	Weather	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves												
														Amount	Low	Height	Medium	High	Direction			Speed	Character	Change in 3 hours												Ses	Dew Point	Direction	Period	Height	Amount			Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Ses	Dew Points	Direction	Period	Height
														LstLst	LstLst	N	dd	ff	VV			ww	W	PPP												TT	Nh	CL	h	CM	CH			Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	LstLst	LstLst	N	dd
9	4	6	CIRUS	589	191	8	13	30	70	02	8	012	50	5	8	4	7	7	0	0	8	28	30	41	26	4	7	WEATHER EXPLORER	522	201	8	08	10	97	61	6	044	83	4	7	4	2	1	0	0	7	23	54	51	07	1	0				
4	9	1	WEATHER EXPLORER	522	201	7	00	00	78	15	2	032	55	5	8	5	7	1	0	0	7	7	52	50	49	2	5	CIRUS	590	187	7	21	21	60	02	0	777	88	3	8	5	0	1	0	1	5	09	02	45	70	5	9				
0	3	3	WEATHER OBSERVER	448	156	6	18	19	98	01	3	208	63	6	8	5	1	1	0	0	1	07	53	57	20	3	3	POLAR FRONT	680	210	6	20	36	18	00	8	725	45	5	3	4	1	0	0	2	65	52	27	28	8	9					
0	7	8	POLAR FRONT	660	020	8	27	56	78	80	8	209	41	8	9	4	1	1	0	0	2	31	56	36	27	7	9	WEATHER OBSERVER	648	158	7	19	28	78	03	2	171	63	7	5	7	1	1	0	1	7	22	52	57	18	3	6				
1	3	5	WEATHER WATCHER	625	319	5	20	40	78	27	8	737	35	5	3	5	0	0	0	0	0	0	15	62	28	71	4	6	WEATHER WATCHER	623	324	8	23	33	76	84	3	002	34	8	9	1	1	1	0	0	2	60	52	51	11	4	0			
2	3	6	U.S. SHIP 'C'	528	355	8	23	31	67	15	2	785	51	4	8	5	7	7	0	0	6	17	01	43	22	2	7	U.S. SHIP 'C'	528	355	6	36	34	67	15	8	097	43	6	8	4	1	1	0	0	2	60	52	51	11	4	0				
4	4	6	U.S. SHIP 'B'	440	410	8	27	21	67	02	1	183	60	5	5	0	8	0	0	1	03	34	48	29	3	6	U.S. SHIP 'B'	440	410	8	28	26	69	23	2	170	60	5	5	7	1	1	0	0	3	07	54	47	26	0	7					
4	4	3	U.S. SHIP 'B'	565	510	8	27	30	65	02	1	028	35	8	4	5	1	1	0	0	2	03	57	26	20	4	9	U.S. SHIP 'B'	517	126	8	27	31	60	03	2	107	59	8	5	4	1	1	0	3	5	00	01	53	35	4	7				
9	4	4	U.S. SHIP 'C'	350	480	7	07	7	67	15	2	215	70	3	2	4	0	0	0	0	3	20	51	64	03	3	4	U.S. SHIP 'C'	523	131	8	23	24	58	02	1	071	57	8	6	3	1	1	3	4	2	22	50	54	21	5	0				
3	5	4	CUMULUS	514	415	6	20	27	70	03	2	138	59	6	5	5	1	1	6	3	8	06	02	55	25	4	5	CUMULUS	407	210	4	23	09	28	03	1	182	68	4	1	5	0	0	5	0	6	05	51	63	23	2	1				

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

* Information not usually received.

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

This is a detailed weather map of the Northern Hemisphere, showing pressure systems, fronts, and isobars for mid-day on Thursday, 24th October 1957. The map includes major cities, geographical features, and a scale bar at the bottom.

Map Title: Mid-day (12h) of Thursday 24th October 1957

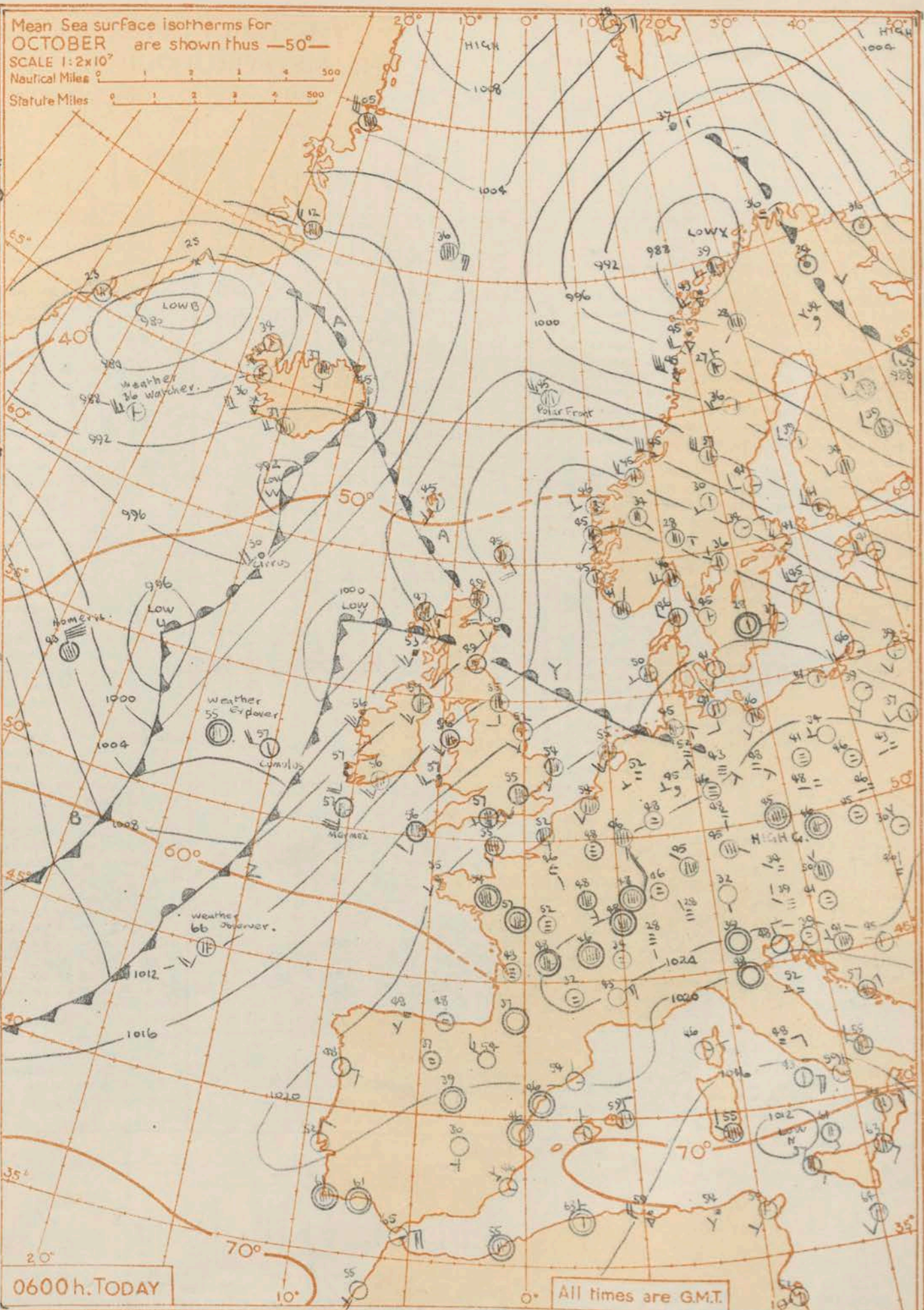
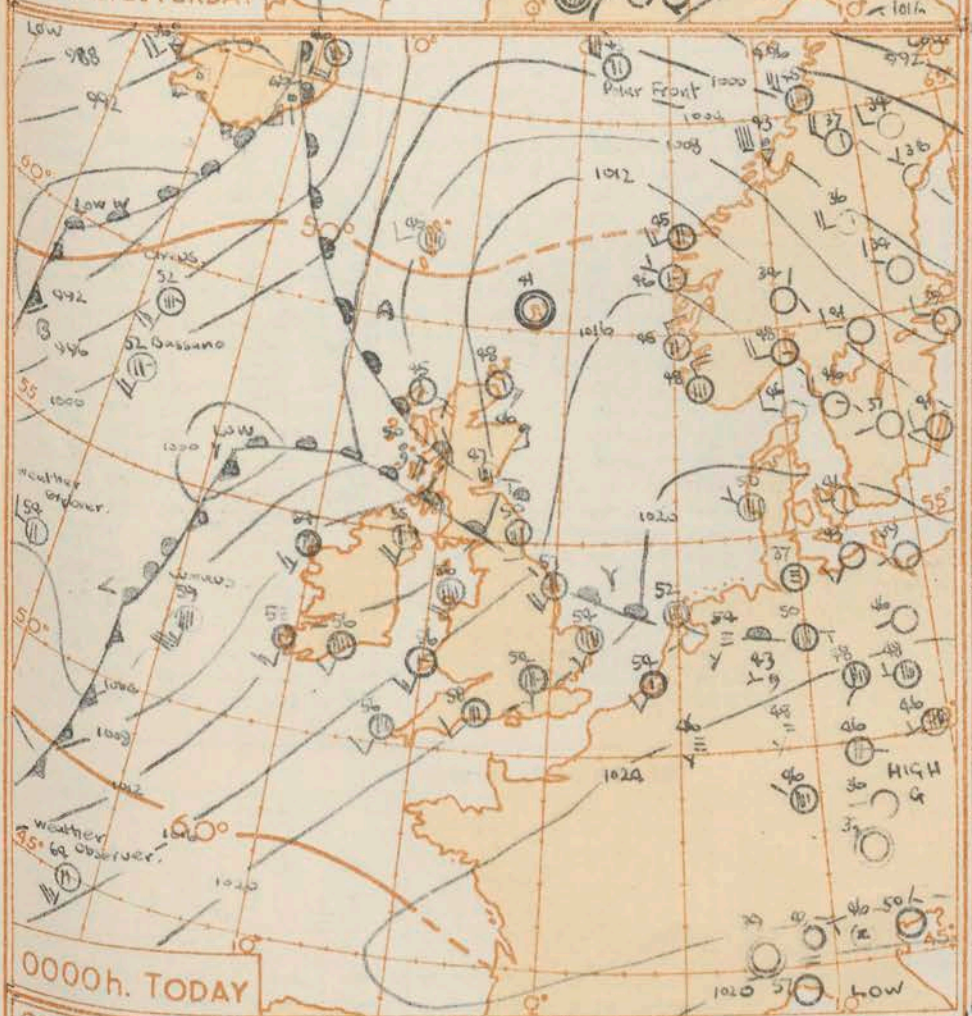
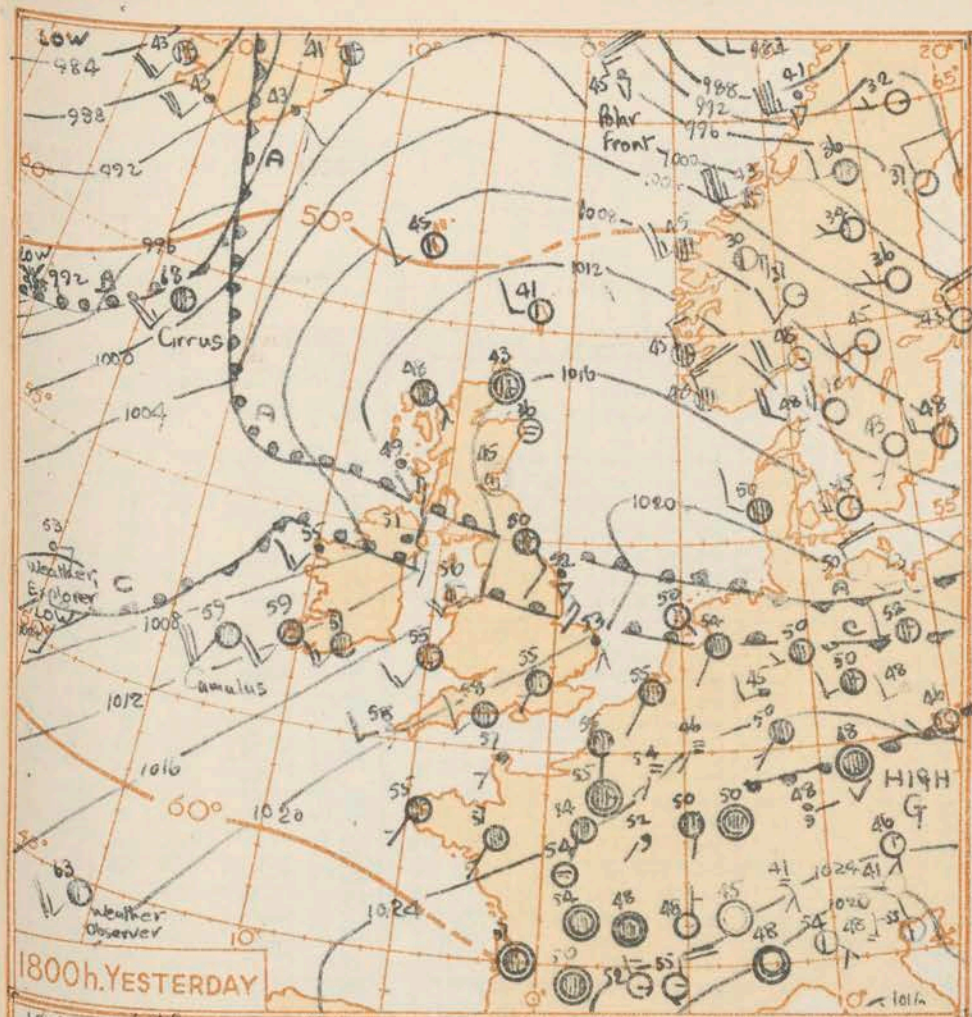
Map Features:

- Pressure Systems:** High and Low pressure areas are marked with 'H' and 'L' respectively. A large high-pressure system is centered over the North Atlantic, and a low-pressure system is centered over the Arctic region.
- Fronts:** Cold fronts are indicated by lines with triangles pointing in the direction of movement. Warm fronts are indicated by lines with semicircles pointing in the direction of movement. Occluded fronts are indicated by lines with alternating triangles and semicircles.
- Isobars:** Lines of equal pressure are drawn, with values ranging from 996 to 1024 hPa.
- Geographical Features:** Major cities, oceans, and landmasses are labeled. The map covers the entire Northern Hemisphere, from the equator to the North Pole.
- Scale:** The map is an equidistant azimuthal projection with a scale of 1:3 x 10⁷ on the plane of 60°N. The scale bar at the bottom indicates distances in nautical miles (0, 500, 1000, 1500).

NAUTICAL MILES.

100

Mid-day (12h)
of
Thursday 24th October
1957



GENERAL SYNOPSIS DEVELOPMENT

An anticyclone developing over the Continent moved eastwards and a ridge of high pressure over the British Isles moved to Scandinavia. A depression to the west of Ireland moved north-eastwards and the associated warm front crossed northern England and Scotland. Pressure is expected to continue falling to the north-west of Scotland as deepening wave depressions move between Scotland and Iceland and the associated cold fronts will cross northern and western districts of the British Isles.

Issued at midday today Friday, 25th October, 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Bright periods in some eastern districts of Britain, but mostly cloudy with rain at times over Scotland and Northern Ireland and with rain spreading into Wales and western districts of England late today and tonight and probably affecting eastern districts tomorrow morning. Brighter weather but with showers, following the rain outwards across Northern Ireland and into western districts of Britain tomorrow morning. Rarer warm becoming colder in western districts tomorrow.

OUTLOOK FOR the following 24 hrs.

Colder in most districts with brighter periods and showers chiefly in the north.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 25th October 1957																									OBSERVATIONS at 06h. G.M.T. 25th October 1957																									OBSERVATIONS during NIGHT									
Code F.M.11.A	Station	Station Number	Total Cloud	Wind Direction	Wind Speed	Weather	Bar. at M.S.L.	Dry Bulb Temp.	Cloud							Bar.	Dew Point Temp.	Cloud							Bar.	Dew Point Temp.	Cloud							Temp. 21h to 09h.		Rain 21h to 09h. in m.																							
									Amount	Low	Height	Medium	High			Amount	Low	Height	Medium	High			Amount	Low	Height	Medium	High			Amount	Low	Height	Medium	High	21h. to 03h.	03h. to 09h.	(53)	(54)	(55)	(56)																			
			N (1)	dd (2)	ff (3)	vv (4)	ww (5)	W (6)	PP (7)	TT (8)	Nh (9)	CL (10)	h (11)	CM (12)	Td (13)	a (14)	pp (15)	Ns (16)	C (17)	hs (18)	Ns (19)	C (20)	hs (21)	Ns (22)	C (23)	hs (24)	Ns (25)	N (26)	dd (27)	ff (28)	vv (29)	ww (30)	W (31)	PP (32)	TT (33)	Nh (34)	CL (35)	h (36)	CM (37)	Td (38)	a (39)	pp (40)	Ns (41)	C (42)	hs (43)	Ns (44)	C (45)	hs (46)	Ns (47)	C (48)	hs (49)	Ns (50)	(51)	(52)	(53)	(54)	(55)	(56)	
	Kew London Airport	775 772	*	*	*	*	*	*	54	54	7	5	7	-	54	7	06	7	6	50									8	20	05	70	07	2	195	55	8	5	5	-	-	53	5	00	3	6	25	7	6	50	ido	-	54	50	-	-			
			7	18	04	58	09	1	199	54	7	5	7	-	54	7	06	7	6	50									7	21	08	62	01	5	193	55	3	9	4	-	-	53	5	00	3	6	18	7	6	50	ido	-	54	51	TR	-			
	Tangmere Hurn	874 862	2	23	03	56	11	1	206	54	2	5	7	-	53	7	06	1	7	10									7	00	00	40	01	6	201	53	7	5	4	-	-	53	5	01	2	7	10	3	6	50	ido	ido	52	49	01	-			
			2	23	08	66	01	1	204	56	1	6	4	-	54	8	04	1	7	10									7	22	03	58	20	5	198	57	3	5	4	-	-	55	5	01	2	7	07	3	6	15	7	6	50	ido	ido	52	49	TR	-
	Guernsey	894	7	21	03	82	20	5	223	56	3	6	3	-	54	7	08	3	7	06	7	6	38						7	20	03	82	02	5	214	56	3	6	4	-	-	54	6	01	3	7	10	5	6	22	7	6	50	ido	ido	56	52	01	-
	Felixstowe	697	8	22	05	52	02	2	200	54	8	5	7	-	53	6	05	8	6	50									2	22	04	40	02	2	193	54	8	5	7	-	-	52	7	03	2	6	20	8	6	50	ido	ido	53	51	-	-			
	Gorleston	497	8	21	05	58	02	6	194	54	8	6	3	-	54	7	08	8	7	10									8	20	07	48	02	8	185	54	8	5	4	-	-	53	6	05	8	6	18	8	6	50	ido	ido	53	50	TR	-			
	Mildenhall	578	6	22	06	28	10	1	193	54	6	0	9	3	52	8	06	6	3	58									8	23	07	58	02	6	174	54	8	5	8	-	-	53	6	02	8	6	57	8	6	50	ido	ido	53	50	TR	-			
	Cardington	559	7	21	08	59	02	1	191	54	7	5	6	-	53	8	04	7	6	42									7	22	11	61	02	2	184	55	2	5	8	-	-	54	7	01	1	6	44			54	41	TR	-						
	West Raynham	485	7	21	08	48	03	1	188	52	7	5	7	-	51	7	08	7	6	50									8	21	10	40	03	2	178	53	8	6	4	-	-	52	7	01	6	7	05	8	6	49	ido	ido	51	48	-	-			
	Wittering	462	2	21	07	37	21	6	186	52	5	5	-	-	51	7	05	5	6	24	8	6	56						8	20	07	48	03	1	177	53	8	5	6	-	-	52	7	02	8	6	40	8	6	25	ido	ido	53	47	03	-			
	Boscombe Down	746	7	24	05	56	03	2	201	54	7	5	6	-	53	8	04	7	6	49									8	24	07	48	03	5	196	54	5	6	2	-	-	54	5	02	5	7	05	8	6	25	ido	ido	54	52	01	-			
	Ross-on-Wye	627	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*										8	20	06	63	02	2	174	55	0	5	5	-	-	53	6	02	6	7	20			55	51	02	-					
	Bristol	628	7	19	03	43	02	5	193	56	7	5	6	-	53	6	02	7	6	35									7	20	12	64	21	6	184	55	7	5	6	-	-	53	6	04	2	6	25	7	6	40	ido	ido	55	51	02	-			
	Aberporth	502	3	19	15	80	01	6	168	56	3	5	6	-	54	7	06	3	6	45									8	22	16	63	50	2	158	57	8	5	6	-	-	55	7	02	8	6	47			54	52	TR	-						
	Phoenix	715	3	21	08	66	02	8	191	56	3	5	6	-	54	7	07	3	6	39									8	22	16	66	02	5	183	56	8	5	6	-	-	55	3	01	8	6	39			55	52	TR	-						
	Plymouth	827	8	24	08	59	20	5	205	57	6	6	4	-	56	8	04	2	7	04	6	7	03	8	6	26			8	21	10	58	60	6	195	56	4	7	3	-	-	56	7	04	2	7	04	4	7	08	8	6	25	ido	ido	55	52	01	-
	Chivenor	707	8	00	00	66	02	6	197	56	4	6	4	-	54	5	05	4	7	12									8	19	03	74	60	5	186	56	8	5	6	-	-	54	8	03	8	6	35			56	51	TR	-						
	St. Mawgan	817	8	19	07	56	20	5	193	55	3	5	6	-	55	8	03	8	6	35									8	18	09	56	02	5	186	55	6	6	3	-	-	55	8	05	6	7	07	6	7	11	8	6	35	ido	ido	55	53	06	-
	Culdrose	809	3	25	05	56	02	2	193	56	3	6	2	-	53	8	12	8	7	03	8	6	15						7	22	14	76	02	5	187	55	7	5	6	-	-	54	8	06	7	6	37	ido	ido	55	54	TR	-						
	Scilly	804	3	21	09	56	02	2	185	56	4	5	6	-	56	7	14	8	6	37									8	21	12	82	02	2	177	56	5	5	3	-	-	55	7	02	8	6	06			55	52	TR	-						
	Elmdon	534	3	21	09	58	10	2	175	55	5	6	3	-	53	7	08	5	7	08	8	6	35						3	19	05	32	58	6	171	54	5	7	4	-	-	53	1	01	2	7	05	5	7	10	8	6	24	ido	ido	49	49	TR	-
	Shawbury	414	3	19	12	74	03	1	165	54	3	5	6	-	51	7	10	3	6	30									3	14	02	80	01	5	154	50	3	5	6	0	0	48	7	02	3	6	40			51	49	-	-						
	Manchester	334	3	19	12	58	02	5	162	54	3	5	6	-	50	7	06	3	6	51									2	19	11	61	02	1	152	52	1	5	7	3	0	50	8	01	3	6	50			51	49	-	-						
	Squires Gate	318	3	19	10	46	02	6	150	54	3	5	6	-	52	7	08	3	6	22	8	6	45						7	21	09	74	03	6	141	55	5	5	3	-	-	51	5	03	5	6	25	5	6	50	ido	ido	53	51	TR	-			
	Valley	302	3	19	21	66	03	7	146	56	3	6	3	-	55	7	11	3	7	08	5	7	10	8	6	12			6	21	12	74	01	2	140	56	3	5	4	-	-	55	6	01	3	6	18	7	6	40	ido	ido	55	52	TR	-			
	Ronaldsway	204	8	21	16	62	21	6	125	56	4	5	5	-	54	7	09	1	7	07	8	6	26						6	21	12	74	01	2	120	56	6	5	6	-	-	53	7	03	6	6	42			55	52	TR	-						
	Silloth	214	8	20	18	11	59	6	125	55	4	7	4	-	53	7	03	4	7	10	8	6	11	8	5	16			7	21	13	58	20	6	116	56	4	6	4	-	-	54	5	01	2	7	15	7	6	42	ido	ido	48	47	TR	-			
	Watnall	354	8	25	08	40	02	5	172	53	4	5	4	-	51	7	05	8	6	15									8	23	09	37	02	2	164	53	6	6	4	-	-	51	7	02	2	7	10	6	6	19	8	6	30	ido	ido	51	45	TR	-
	Spurn Head	396	5	20	20	24	01	1	172	53	5	5	4	-	53	7	14	5	6	15									3	21	08	56	01	1	161	52	3	5	5	0	0	52	8	05	3	6	25			51	44	03	-						
	Lindholme	362	6	18	07	04	46	5	171	52	4	5	6	-	52	7	10	6	6	3																																							

00h. Ships Reports

Code FM 21.A				Wind		Weather				Cloud					Course		Bar	Temp.		Waves				
Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character ^c	Change in 3 hours	Sea ^d	Dew Point	Direction	Period	Height
LsLsLs	LoLoLo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	
CIRRUS	570	188	1	10	26	65	25	2	964	52	6	9	4	7	1	4	1	7	21	20	47	16	5	8
WEATHER EXPLORER	572	209	4	19	12	98	25	6	040	54	4	8	5	0	0	2	1	3	03	53	51	49	4	4
WEATHER OBSERVER	449	159	4	20	25	97	25	6	147	64	4	2	5	0	0	6	1	7	12	51	63	19	3	6
POLAR FRONT	460	020E	4	31	29	98	15	8	013	43	4	9	4	-	-	0	0	2	36	65	39	28	7	8
WEATHER WATCHER	624	312	3	24	35	98	02	0	824	42	3	3	5	0	0	0	0	9	00	54	40	71	4	7
MERMOZ	515	110	3	19	29	58	02	1	104	51	3	5	5	0	0	3	4	4	00	00	57	21	4	4
CUMULUS	519	140	8	14	36	65	02	2	059	54	8	5	4	-	-	6	3	8	36	02	55	21	4	8
U.S. SHIP 'C'	522	355	4	28	24	69	25	8	120	42	4	1	4	0	0	0	0	2	27	59	29	32	4	7
U.S. SHIP 'D'	410	410	2	30	23	69	02	1	222	56	2	5	5	0	0	0	0	1	15	57	35	29	4	7
BASSANO	511	188	7	20	17	97	25	8	012	52	7	3	4	-	-	5	4	9	41	51	52	20	3	5

06h. Ships Reports

Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.	Dew Point	Direction	Period	Height		
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction	Speed	Character					Change in 3 hours	Sea
	Lakala	LoLoLo	N	dd	N	VV	ww	VV	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dewdw	PerH	
CIRRUS	589	190	8	22	18	60	61	8	946	50	7	7	4	2	-	5	1	3	04	50	40	20	4	
WEATHER EXPLORER	574	184	6	00	00	97	02	2	039	55	3	5	7	0	2	2	4	7	03	52	50	49	4	
WEATHER OBSERVER	449	161	5	20	22	98	03	1	019	60	5	5	6	-	-	0	0	7	14	51	50	20	7	
POLAR FRONT	460	020E	6	28	23	98	15	8	072	45	6	9	4	-	-	0	0	2	22	53	37	28	4	
WEATHER WATCHER	625	314	3	24	25	98	27	8	883	36	3	3	5	0	0	0	0	2	29	60	27	73	4	
MERM02	508	103	7	19	32	58	03	2	101	57	7	5	5	-	-	3	4	8	03	82	51	20	4	
CUMULUS	521	152	3	27	22	70	01	2	057	57	3	5	4	0	0	6	3	2	20	00	50	22	4	
U.S SHIP 'C'	528	355	5	29	27	69	02	8	165	44	5	1	4	0	0	0	0	2	34	57	34	30	4	
U.S SHIP 'D'	440	410	0	32	16	69	02	0	252	57	0	0	9	0	0	0	0	2	17	55	41	29	7	
HOMERIC	535	286	7	33	38	57	02	2	034	43	7	6	3	-	-	6	7	3	35	61	34	80	4	

No. 35037

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Saturday 26th. October. 1957

[illegible]

12h. Ships Reports

Code F.M.21.A		LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar		Temp.		Waves			
Ship	Direction				Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction	Speed	Character ^s	Change in 3 hours	Sea	Dew Point	Direction	Period	Height	
		LatLs	LoLoLo	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw
WEATHER EXPLORER		524	171	7	21	17	98	20	5	0.51	56	5	8	5	3	8	2	3	5	05	51	52	49	-	1
CIRRUS		591	191	8	34	17	65	02	2	018	46	2	5	5	2	-	1	1	26	55	37	28	4	8	
POLAR FRONT		660	020E	7	25	16	48	02	8	082	46	4	9	4	4	-	0	0	2	02	50	41	26	4	4
WEATHER OBSERVER		461	159	6	19	28	98	03	1	106	64	4	6	4	3	0	0	0	8	11	60	63	20	3	6
WEATHER WATCHER		214	310	6	24	22	98	15	8	916	88	4	5	4	5	0	0	0	2	15	58	64	24	4	0
U.S. SHIP "C"		524	355	6	27	25	64	80	2	196	45	4	1	5	0	0	0	2	07	55	38	29	3	5	
U.S. SHIP "D"		524	410	2	02	08	69	02	1	200	55	1	1	5	0	1	0	1	22	56	37	32	4	5	
CUMULUS		444	163	8	16	16	60	25	2	039	55	8	8	4	-	-	6	3	8	08	62	52	26	4	6
SOUTHLAND		482	267	7	32	33	98	02	2	173	52	7	7	4	6	-	2	5	2	27	58	48	32	4	7
LOCH GARTH		459	154	6	21	18	90	01	2	103	66	2	3	4	3	0	1	6	6	10	01	61	21	5	3

18h. Ships Reports

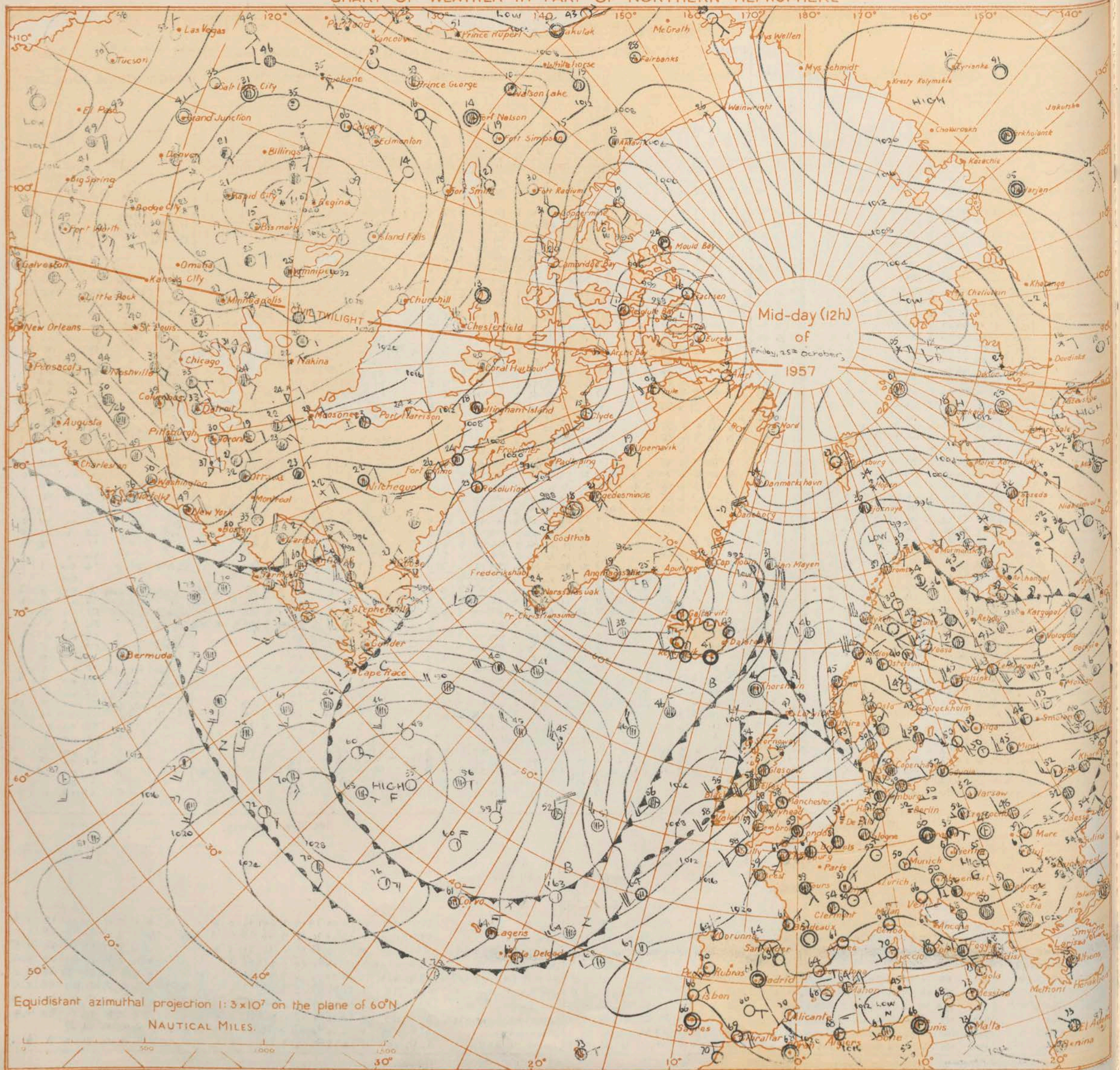
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.		Waves						
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction	Speed	Character Change in 3 hours	Sea	Dew Point	Direction	Period	Height			
Lals	LoLo	N	dd	ff	VV	ww	W	PPP	TT	Nb	CL	h	CM	CH	Ds	Vs	a	pp	Ta	Ts	Td	Td	d _w	d _m	P _w	H _w
CIRRUS	589	189	6	29	20	70	14	2	049	46	5	8	5	4	0	4	1	2	13	54	34	30	5	6		
CUMULUS	525	174	5	31	14	70	25	2	037	54	4	9	4	4	0	6	1	3	17	53	48	25	4	6		
WEATHER OBSERVER	451	159	8	31	16	97	61	6	117	61	5	6	4	-	-	0	0	3	19	54	59	23	3	5		
POLAR FRONT	660	0206	9	19	16	98	02	2	058	46	9	-	-	-	-	0	0	7	15	00	41	23	4	4		
WEATHER WATCHER	623	313	7	24	70	96	26	8	926	31	7	3	5	-	-	6	2	1	02	59	36	24	4	5		
U.S. SHIP "C"	528	355	8	23	29	67	02	2	188	47	5	5	5	0	7	0	0	6	07	53	37	24	3	5		
U.S. SHIP "D"	440	410	4	16	06	69	02	0	296	57	0	0	9	0	4	0	0	3	52	53	41	32	2	2		
WEATHER EXPLORER	521	162	3	24	23	98	15	1	029	55	2	9	5	6	1	4	2	01	52	51	24	4	6			
PILCONAGO	474	078	5	11	12	98	03	0	174	61	5	8	5	0	0	1	5	4	02	02	57					
LOCH GARTH	468	135	8	14	18	99	02	2	112	61	8	7	4	-	-	1	6	3	08	51	59	14	3	3		

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

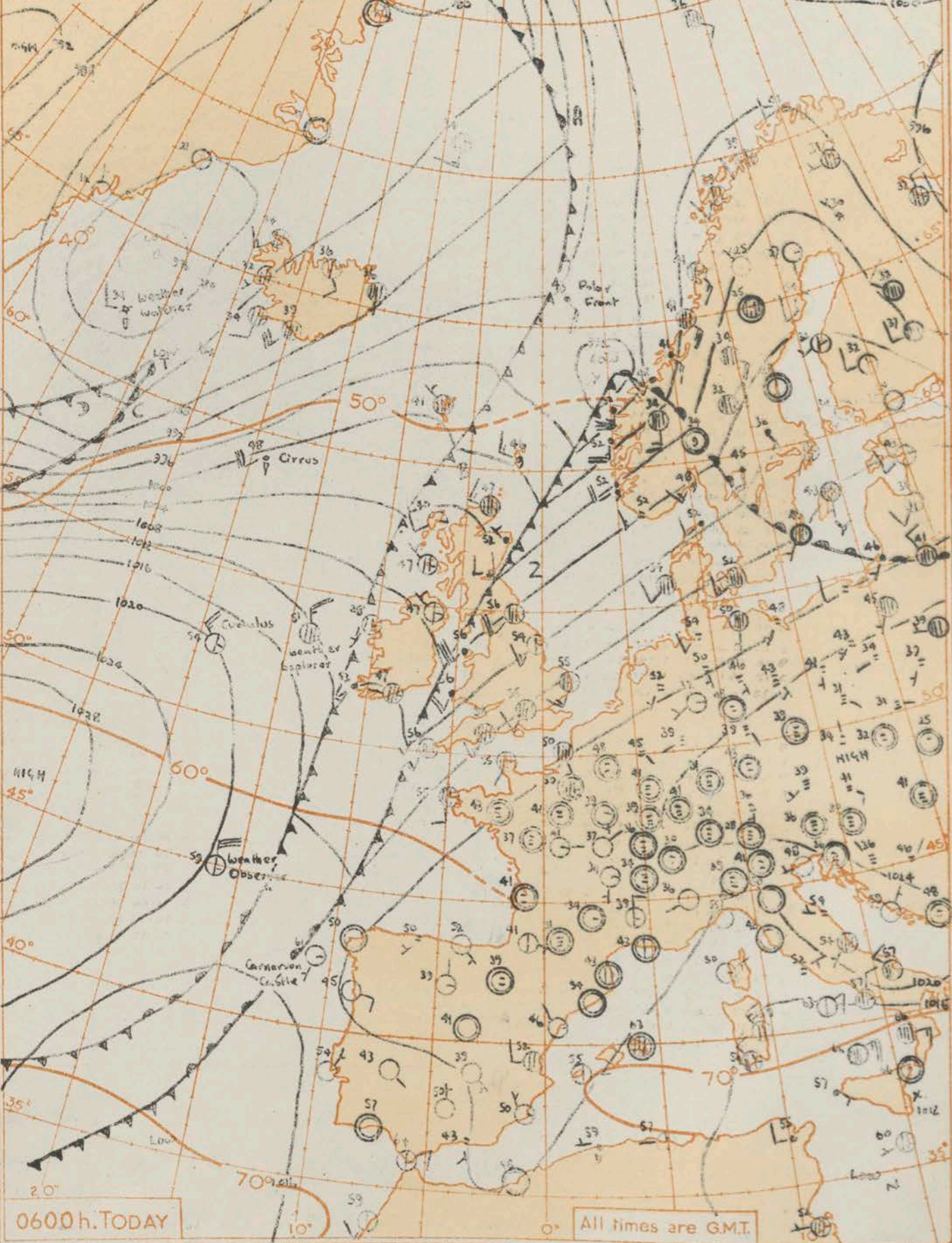
* Information not usually received.

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

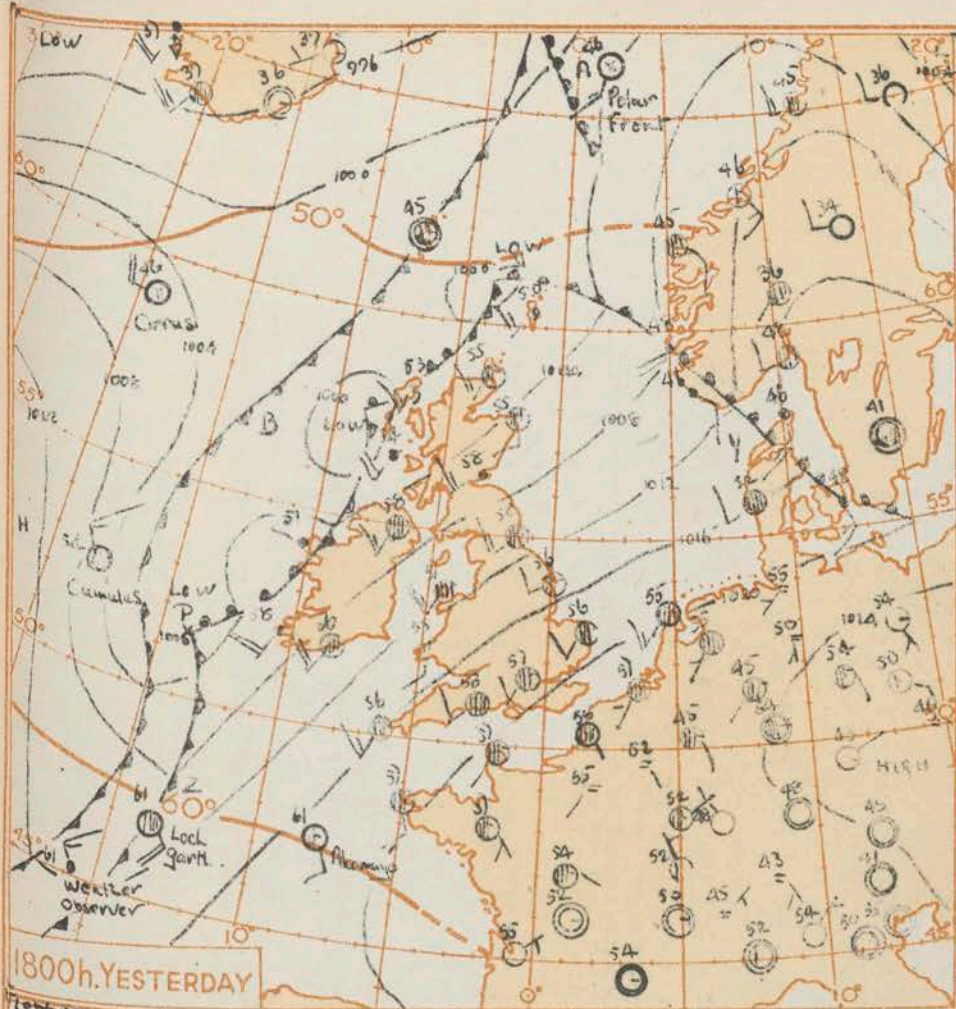


Mean Sea surface isotherms for
OCTOBER are shown thus —50°—
SCALE 1:2x10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

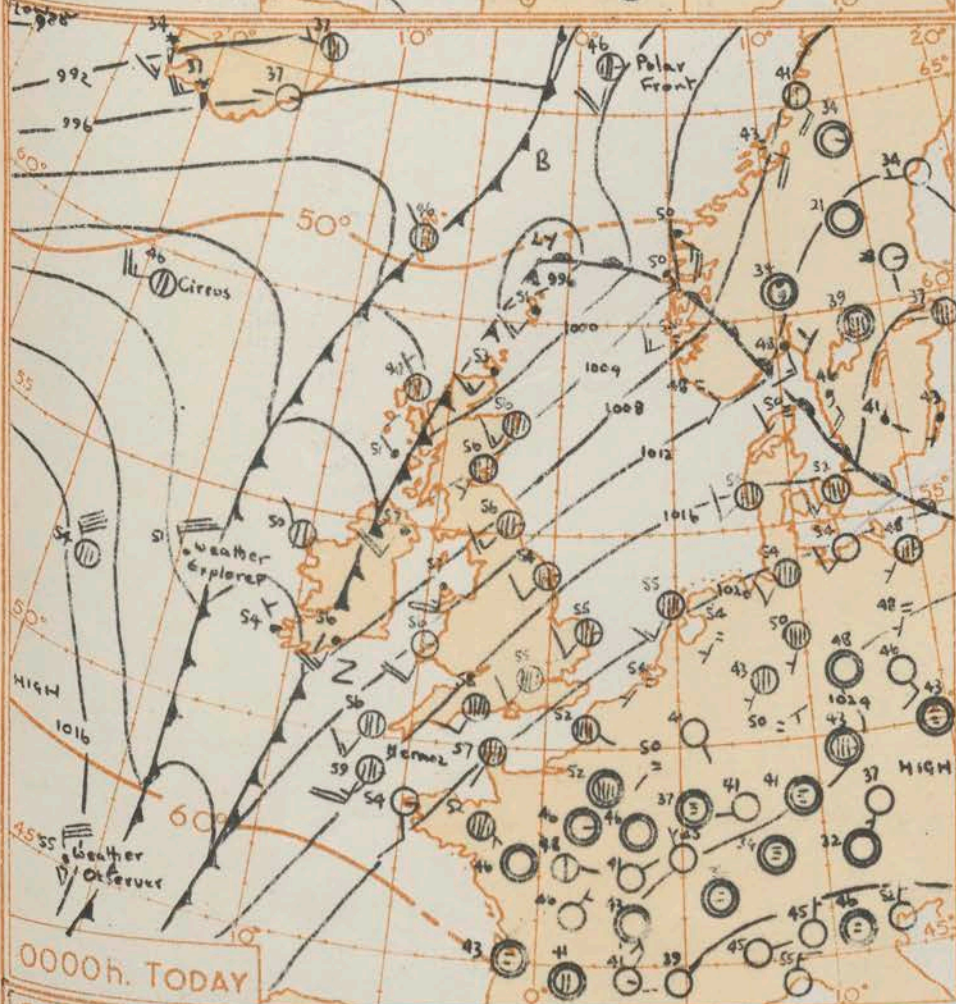


0600h. TODAY

All times are GMT.



1800h. YESTERDAY



0000h. TODAY

GENERAL SYNOPSIS DEVELOPMENT

The anticyclone centred yesterday over central Europe has moved on to Russia and is expected to continue moving east. The waving fronts west and north-west of the British Isles yesterday have moved northeast and are expected to continue towards Scandinavia. Fast moving waves from eastern Canada are now crossing the Atlantic and are expected to move north or northeast of Iceland and deepen.

Issued at midday today Saturday, 26th October, 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

The rain-belt extending from north-east England across the Midlands and southern England will have southeast clearing southeast England about dusk. Brighter though showery weather over Scotland and Northern Ireland will spread and follow the rain-belt. This evening onwards further rain will spread from the Atlantic across Northern Ireland and much of Scotland. Southeast England will be rather warm today but otherwise temperatures will be near average.

OUTLOOK FOR the following 24 hrs.

Rain at times over Scotland and Northern Ireland, England and Wales - rain-belt mainly dry.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 24th October 1957																								
OBSERVATIONS at 06h. G.M.T. 24th October 1957																								
OBSERVATIONS during NIGHT																								
Code FM 11.A	Station	Station Number	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
	Kew	775																						
	London Airport	772																						
	Tangmere	874																						
	Hurn	862																						
	Guernsey	894																						
	Felixstowe	697																						
	Gorleston	497																						
	Mildenhall	578																						
	Cardington	559																						
	West Raynham	485																						
	Wittering	462																						
	Boscombe Down	746																						
	Ross-on-Wye	627																						
	Bristol	628																						
	Aberporth	502																						
	Rhosce	715																						
	Plymouth	827																						
	Chivenor	707																						
	St. Mawgan	817																						
	Culdrose	809																						
	Scilly	804																						
	Elmdon	534																						
	Shawbury	414																						
	Manchester	334																						
	Squires Gate	318																						
	Valley	302																						
	Ronaldsway	204																						
	Silloth	214																						
	Watnall	354																						
	Spurn Head	396																						
	Lindholme	362																						
	Dishforth	261																						
	Tynemouth	262																						
	Eskdalemuir	162																						
	West Freugh	130																						
	Prestwick	135																						
	Renfrew	141																						
	Leuchars	171																						
	Dyce	091																						
	Wick	075																						
	Cape Wrath	049																						
	Sule Skerry	010																						
	Lerwick	005																						
	Stornoway	026																						
	Benbecula	022																						
	Tiree	100																						
	Aldergrove	917																						
	Main Head	980																						
	Belmullet	976																						
	Birr	965																						
	Collinstown	969																						
	Rineanna	962																						
	Roches Point	952																						
	Valentia	953																						

00h. Ships Reports

Code FM 21.A	Ship	LAT.	LONG.	Total Cloud	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	Dew Point	Direction	Period	Height
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
	CIRRUS	539	189	4	26	23	70	03	1	050	46	4	2	5	0	0	7	1	3	06	54	41	30	5
	CUMULUS	525	181	6	32	38	60	01	8	130	54	6	9	4	0	0	7	1	2	53	54	45	26	4
	WEATHER OBSERVER	450	161	8	35	28	97	80	6	164	58	8	2	4	-	-	0	0	2	24	54	55	32	3
	POLAR FRONT	660	020E	7	19	19	98	02	2	000	46	7	5	4	-	-	0	0	7	29	00	41	21	4
	WEATHER WATCHER	621	323	7	25	10	96	86	8	89	38	7	9	4	-	-	0	0	7	26	61	34	24	4
	U.S. SHIP 'C'	528	355	8	23	33	65	80	2	154	48	8	2	4	-	-	0	0	7	29	53	44	22	4
	U.S. SHIP 'D'	440	410	9	16	06	69	02	0	308	59	0	0	9	0	0	0	0	2	05	53	43	27	3
	WEATHER EXPLORER	532	148	8	33	30	96	61	6	014	51	5	7	4	-	-	1	3	3	28	56	50	39	5
	SACRAMENTO	493	215	3	34	25	98	03	1	227	52	3	7	4	-	-	2	5	1	5	57	46	34	4
	MERMOZ	491	067	7	19	21	65	03	1	152	59	7	5	5	-	-	3	4	2	05	01	55	18	4

06h. Ships Reports

Code FM 21.A	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	Dew Point	Direction	Period	Height
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
	CIRRUS	539	191	6	23	29	74	30	2	002	48	6	9	4	0	0	5	1	7	33	53	41	28	5
	CUMULUS	525	185	3	29	25	76	25	1	187	54	3	9	4	0	0	7	1	3	19	55	39	27	4
	WEATHER OBSERVER	449	159	3	36	28	98	02	8	135	59	3	2	5	0	1	0	0	2	14	55	48	35	4
	POLAR FRONT	660	020E	8	14	19	98	61	1	938	43	7	7	4	-	-	0	0	7	29	54	39	19	4
	WEATHER WATCHER	621	323	3	26	11	97	85	8	788	34	9	9	4	-	-	0	0	7	61	61	32	26	4
	U.S. SHIP 'C'	528	355	7	23	38	69	02	8	112	52	7	2	4	0	0	0	0	7	22	01	47	22	3
	U.S. SHIP 'D'	440	410	5	18	15	69	03	1	278	62	5	0	9	3	0	0	0	7	15	00	47	27	3
	WEATHER EXPLORER	532	135	7	35	26	93	01	6	75	51	5	5	5	3	-	1	4	3	34	54	42	32	4
	CARNARON CASTLE	424	104	1	19	03	98	01	1	332	61	0	0	-	-	-	5	7	3	04	04	55	20	2
	WEATHER RECORDER	532	059	7	27	21	98	02	2	020	54	7	8	5	-	-	6	3	2	30	51	50	30	4

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* Information not usually received.

No. 25038

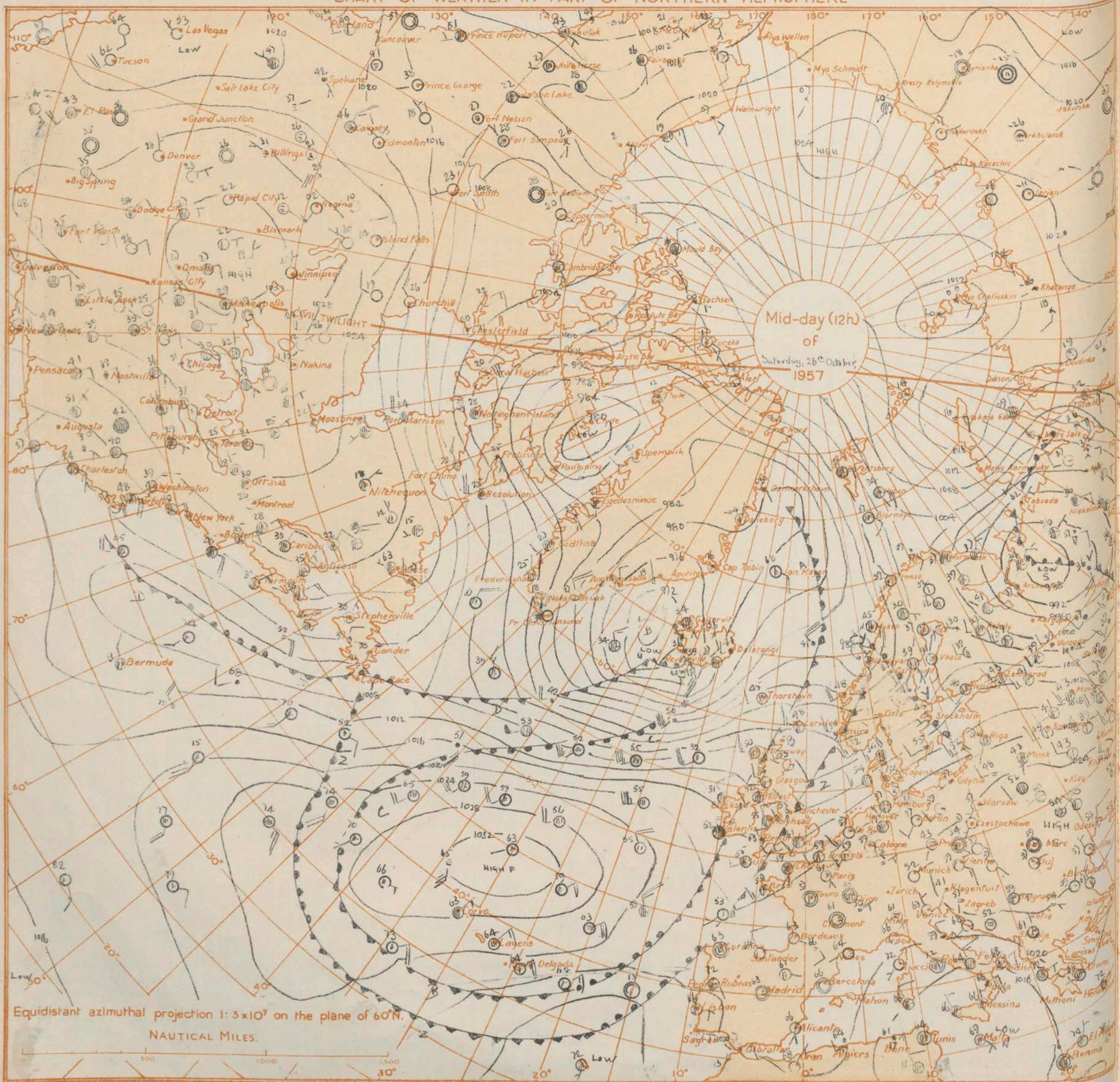
THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

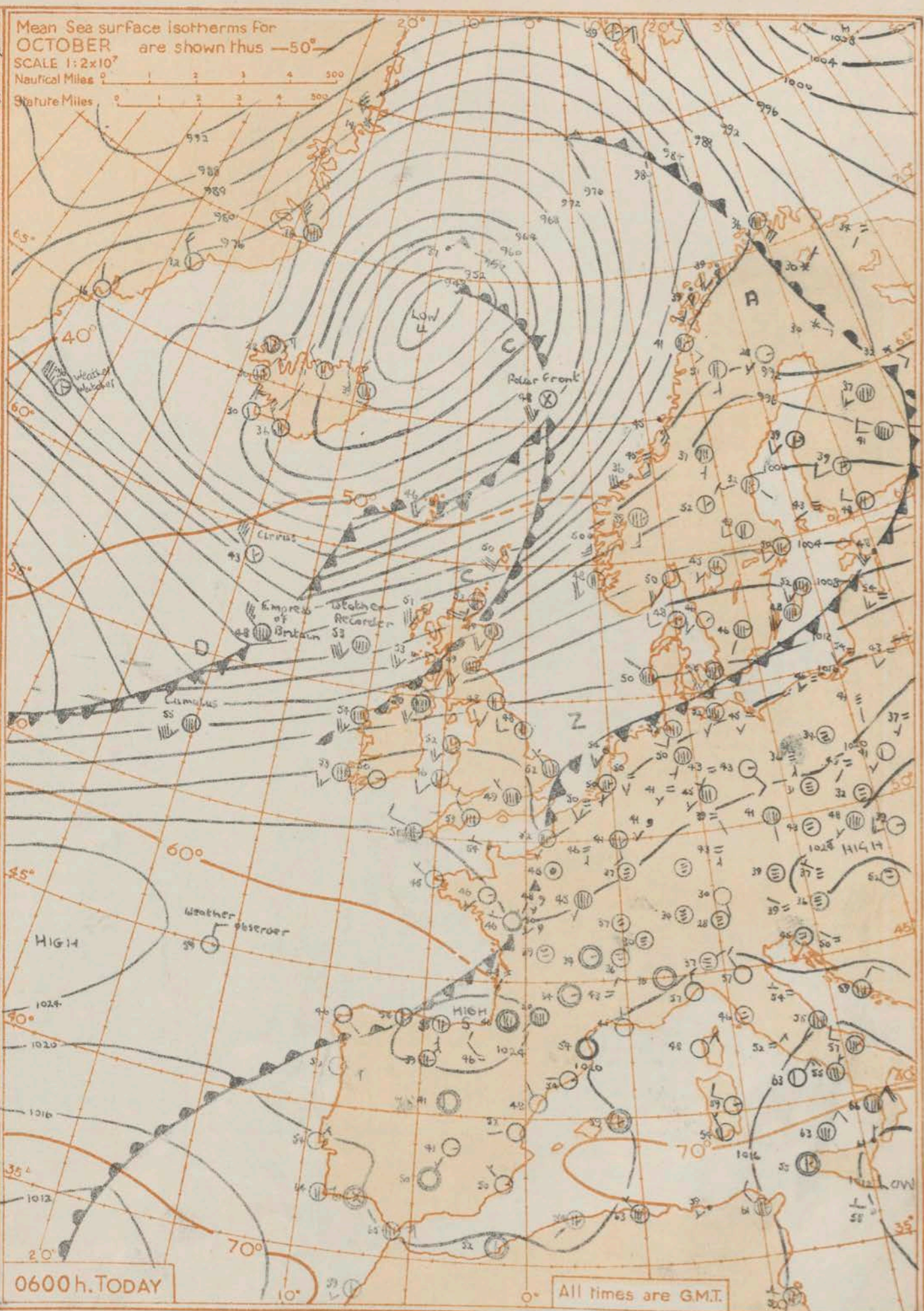
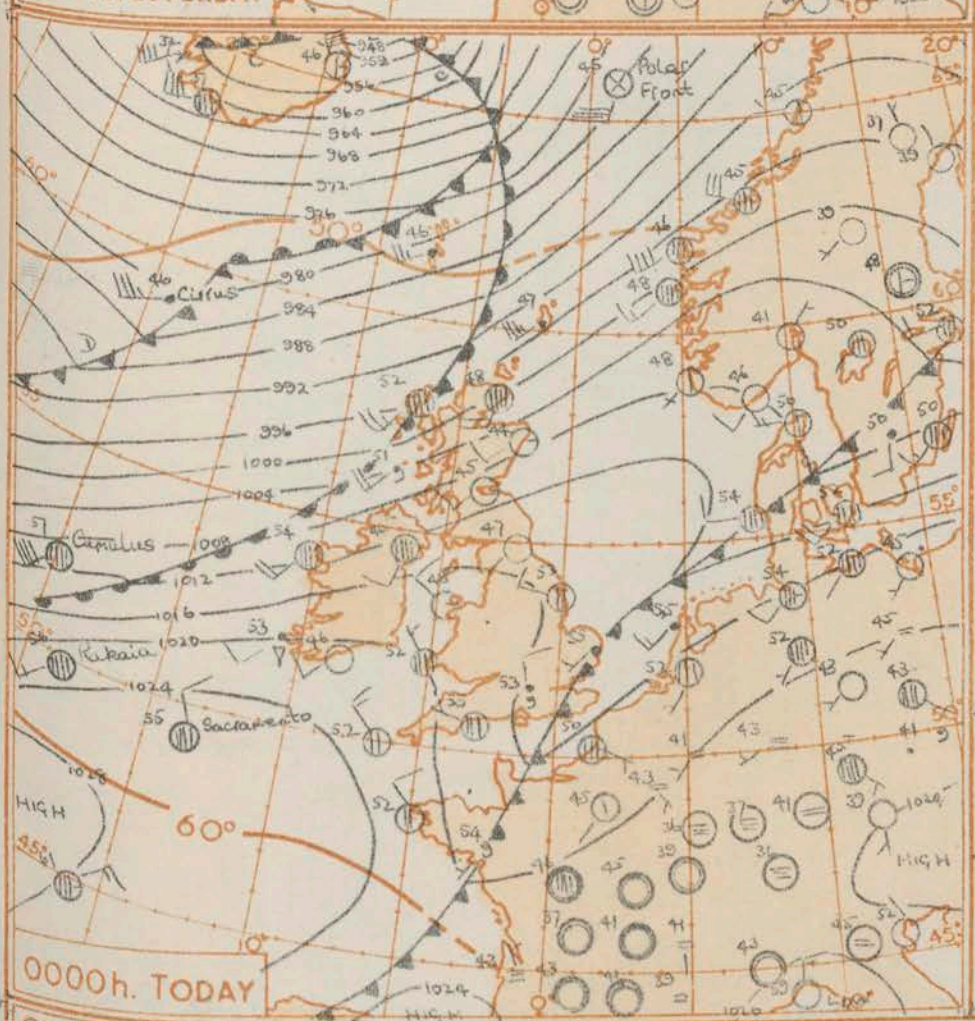
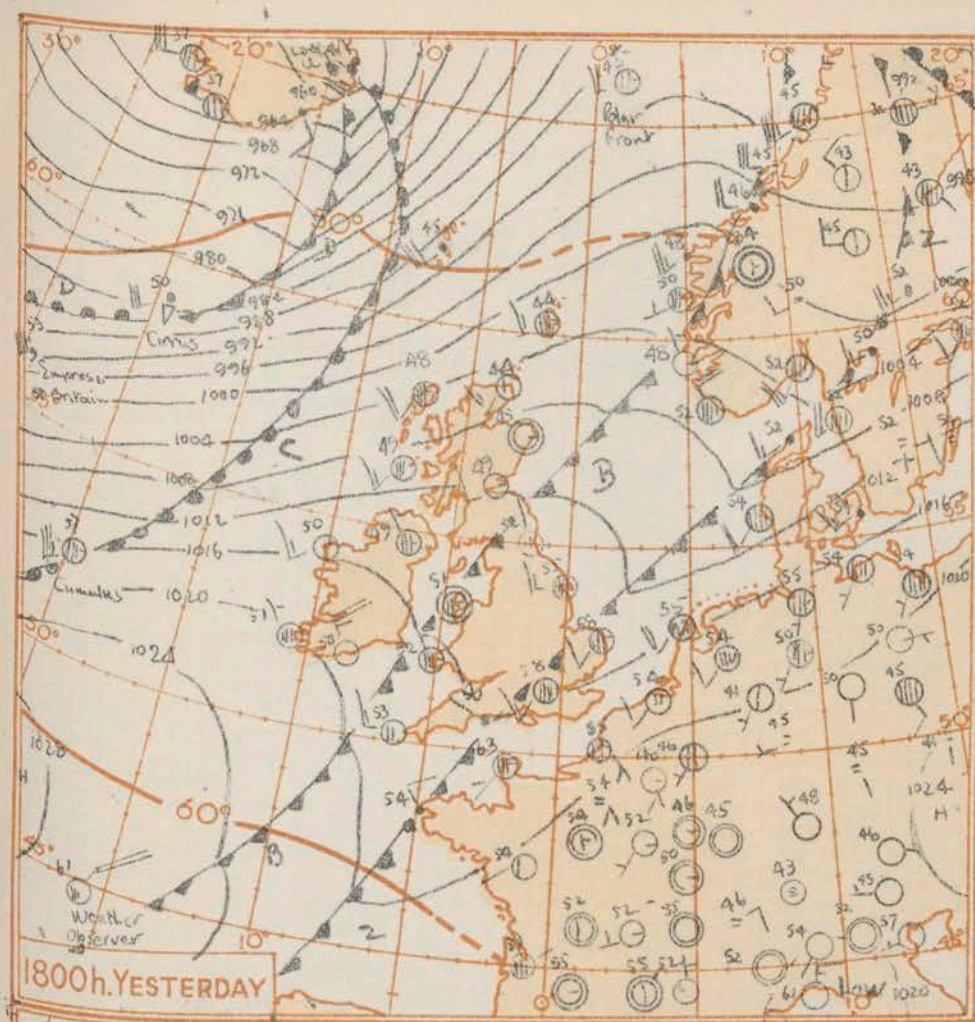
Date of Issue... Sunday, 21st October, 1957OBSERVATIONS at 12h. G.M.T. 26th October, 1957OBSERVATIONS at 18h. G.M.T. 26th October, 1957

OBSERVATIONS during DAY

Code F.M.11.A	Station	OBSERVATIONS at 12h. G.M.T. 26 th October, 1957															OBSERVATIONS at 18h. G.M.T. 26 th October, 1957															OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Wind			Weather			Cloud			Temp.			Bar			Wind			Weather			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar			Cloud			Temp.			Bar</

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPSIS DEVELOPMENT

High pressure from central Europe to Spain yesterday is moving slowly southeast while the belt of strong westerlies yesterday over mid-Atlantic continues to spread eastwards across the British Isles towards Scandinavia and the Low Countries. Strong westerlies are expected to be maintained over the northern Atlantic. Lows west of Spain and off the Mediterranean are likely to change only slowly. The cyclonic complex yesterday in the Iceland area will probably continue to extend northeast and deepen.

Issued at midday today Sunday 2nd October, 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

England and Wales today will be mainly cloudy with some rain or drizzle in places chiefly in the north-west. Cloudy rainy weather over Scotland and Northern Ireland will move south during the period to southern districts of England and Wales while showery weather takes its place further north. The gales over Scotland will gradually die out. Temperatures will be about average.

OUTLOOK FOR the following 24 hrs.

Changeable with rain or showers in most areas.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue: Monday, 20th October, 1957

No. 35039

OBSERVATIONS at 12h. G.M.T. 2¹² October 1951OBSERVATIONS at 18h. G.M.T. 27th October, 1951

OBSERVATIONS during DAY

[illegible]

12h. Ships Reports

18h. Ships Reports

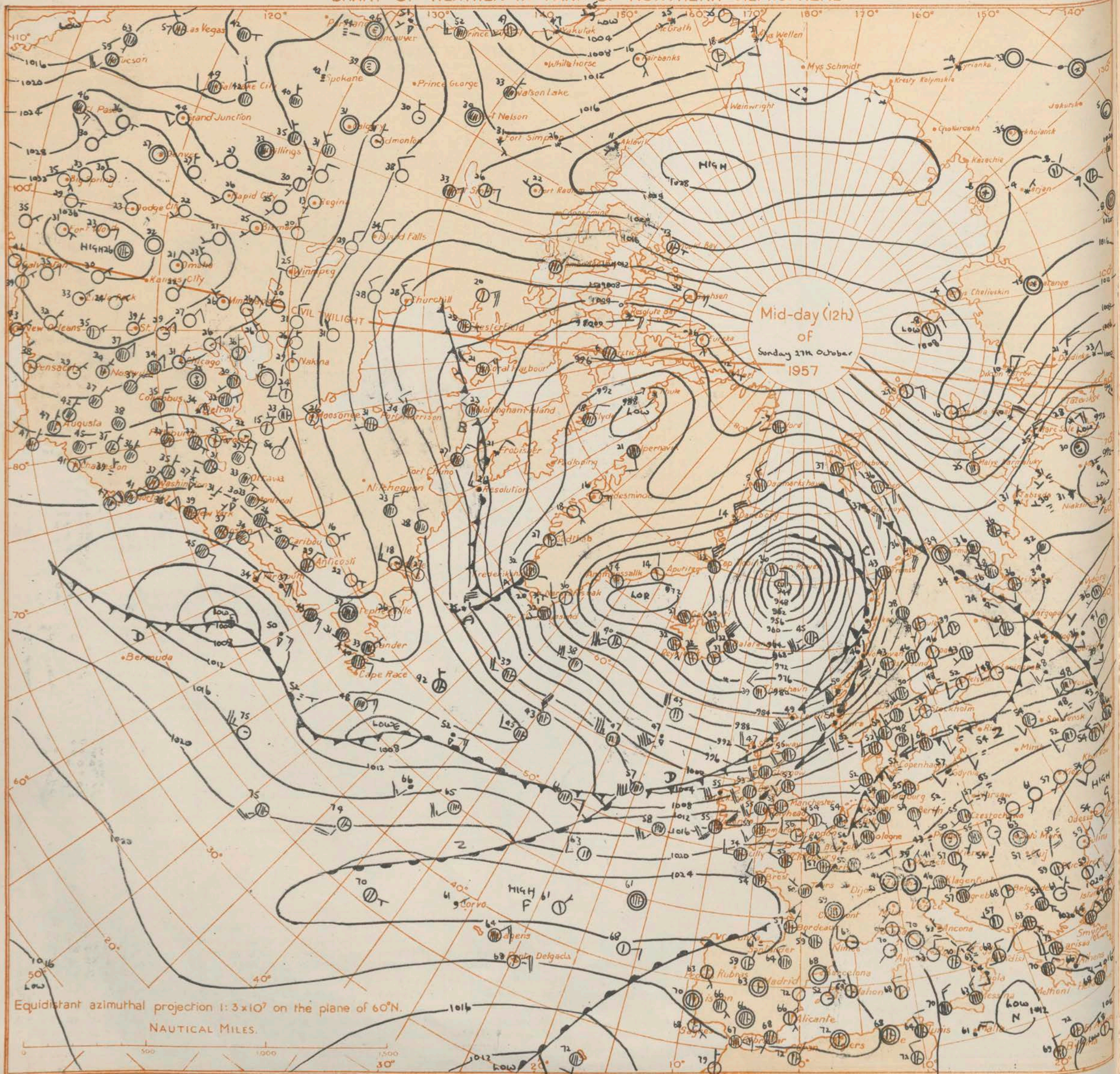
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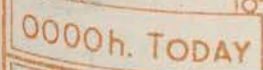
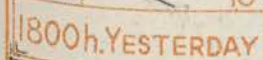
All times of observation printed in this publication are GREENWICH MEAN TIME.

* 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





An intense depression has moved north east from the Iceland area and another has formed to the west of Iceland and this is expected to move east southeast. The main cold front of yesterday's Iceland depression moved south over Scotland into north England but waves on this front are expected to delay its southward progress. A weak ridge from the Atlantic will probably move in late tomorrow and bring the cold front across England.

Monday 28th October 1951. **BREAST FOR BRITISH ISLES until noon tomorrow**
 Weather will be mainly cloudy with periods of rain or drizzle but brighter showery weather over north and central Scotland will probably extend later in the morning to Northern Ireland and south Scotland and may also reach Wales and western districts of England. Temperatures will be near the seasonal average.

OUTLOOK FOR following 24 hours:
Continuing changeable.



THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 28th October 1957																									OBSERVATIONS at 06h. G.M.T. 28th October 1957																									OBSERVATIONS during NIGHT					
Code FM 11.A	Station	Station Number	Total Cloud	Wind Direction	Wind Speed	Weather	Bar. at M.S.L.	Dry Bulb Temp.	Cloud							Bar.	Cloud Layers	Temp. 21h to 09h.	Rain 21h to 09h in m.		State of ground 09h.																																		
									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	Weather	Min. °F	Min. °F on grass	Rain 21h to 09h in m.	State of ground 09h.																						
			N (1)	dd (2)	ff (3)	vv (4)	ww (5)	pp (6)	TT (7)	Nh (8)	CL (9)	h (10)	CM (11)	CH (12)	Td (13)	a (14)	pp (15)	Ns (16)	C (17)	hshs (18)	Ns (19)	C (20)	hshs (21)	Ns (22)	C (23)	hshs (24)	Ns (25)	21h to 03h (51)	03h to 09h (52)	(53)	(54)	(55)	(56)																						
	Kew	775	*	*	*	*	*	*	52	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	-	52	48	TR	1																					
	London Airport	772	7	23	13	70	03	6	188	51	7	0	9	7	45	8	10	7	3	60								-	-	50	47	-	-																						
	Tangmere.	874	8	26	13	66	02	2	175	54	1	5	6	3	48	8	07	1	8	30	4	3	60	8	2	80																													
	Hurn	862	8	24	09	66	02	2	175	54	3	5	6	7	45	7	09	3	6	41	8	4	50																																
	Guernsey	894	8	25	20	60	00	8	205	54	7	8	4	7	47	8	08	5	8	13	7	6	35																																
	Felixstowe	697	8	22	14	58	03	2	152	52	8	0	7	7	47	8	07	8	4	56																																			
	Gorleston	497	7	23	15	62	01	2	142	51	7	0	6	7	46	7	04	7	3	57																																			
	Mildenhall	578	8	24	08	69	21	6	137	51	8	0	9	2	47	7	10	4	4	65																																			
	Cardington	559	8	22	18	63	02	2	144	51	4	5	5	7	45	6	07	4	6	28	8	4	60																																
	West Raynham	485	7	22	17	66	01	2	128	50	7	0	9	7	45	7	08	7	4	60																																			
	Wittering	462	6	23	10	66	03	2	133	51	3	5	4	0	47	7	02	3	6	14	5	6	27																																
	Boscombe Down	746	8	25	12	74	02	2	170	51	2	5	6	7	47	7	05	2	6	35	5	4	60	8	2	75																													
	Ross-on-Wye	627	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																												
	Bristol	628	8	20	14	57	51	6	157	51	5	6	4	2	43	6	08	5	7	10	8	5	32																																
	Aberporth	502	8	23	17	62	60	6	122	53	8	5	5	7	50	7	13	2	7	12	8	6	28																																
	Rhoose	715	8	24	19	66	21	6	154	54	8	5	4	7	50	7	10	8	6	17																																			
	Plymouth	827	8	26	20	66	02	2	187	55	5	5	4	7	50	8	06	5	6	16	8	6	56																																
	Chivenor	707	8	25	18	81	02	8	167	55	8	5	6	7	50	7	09	8	6	32																																			
	St. Mawgan	817	8	23	14	66	02	2	174	53	3	6	4	7	49	7	12	5	6	12	8	6	33																																
	Culdrose	809	7	23	18	81	01	2	182	54	3	5	6	7	50	8	08	3	6	35	7	4	60																																
	Scilly	804	8	23	17	66	02	2	174	55	8	5	6	7	49	7	11	8	6	32																																			
	Elmdon	534	8	23	14	61	02	2	124	52	3	5	5	7	48	7	11	3	6	21	8	6	44																																
	Shawbury	414	7	23	15	83	02	2	105	53	4	5	5	7	50	7	14	4	6	22	7	4	60																																
	Manchester	334	8	22	15	61	60	6	030	53	3	6	4	7	48	8	14	3	7	12	5	6	22	8	6	50																													
	Squires Gate	318	8	22	26	62	60	6	087	54	4	6	4	7	52	7	05	4	7	15	7	6	23																																
	Valley	302	8	32	30	61	60	6	082	55	4	6	4	7	52	7	07	4	7	12	8	6	27																																
	Ronaldsway	204	8	23	25	80	20	5	054	55	8	5	4	7	51	7	07	8	6	18																																			
	Silloth	214	8	22	21	59	20	6	032	54	8	5	4	7	51	7	09	8	7	14																																			
	Watnall	354	8	23	19	58	03	2	109	51	8	5	5	7	47	7	06	8	6	24																																			
	Spurn Head	396	2	24	17	60	01	1	114	52	2	5	5	0	46	7	08	2	6	20																																			
	Lindholme	362	6	21	16	74	03	1	098	53	6	5	6	7	49	8	11	6	6	35																																			
	Dishforth	261	8	20	16	48	58	6	072	53	3	7	4	7	51	7	10	2	6	06	3	7	10	7	7	19																													
	Tynemouth	262	8	23	03	61	02	2	034	55	8	5	6	7	49	7	13	8	6	30																																			
	Eskdalemuir	162	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																												
	West Freugh	130																																																					
	Prestwick	135	8	27	13	66	61	6	030	49	3	5	4	7	44	1	25	1	7	08	3	7	17	8	6	25																													
	Renfrew	141	6	27	17	69	02	6	024	48	6	5	6	7	42	3	23	2	7	12	6	6	30																																
	Leuchars	171	7	27	08	66	21	6	008	48	7	5	7	7	46	2	26	2	6	25	7	6	56																																
	Dyce	091	2	25	08	66	01	6	004	42	2	5	6	0	30	2	15	2	6	30																																			
	Wick	075	0	24	13	82	01	0	076	40	0	0	9	0	34	1	07																																						
	Cape Wrath	049	5	27	18	81	02	8	065	44	5	3	5	0	37	2	01	5	9	20																																			
	Sule Skerry	010	3	25	18	74	01	1	057	47	3	5	4	0	38	2	16	3	6	15																																			
	Lerwick	005	4	27	27	66	80	8	033	44	4	8	4	0	33	2	11	1	8	4	6	35																																	
	Stornoway	026	3	27	13	82	80	8	088	41	3	2	4	0	39	3	15	3	8	18																																			
	Benbecula	022	1	27	20	82	01	8	098	47	1	8	5	0	38	0	09	1	08	25																																			
	Tiree	100	1	27	09	80	25	6	020	44	1	3	5	0	40	2	13	1	08	22																																			
	Aldergrove	917	9	33	05	48	50	6	047	46	2	6	3	7	46	3	14	3	7	09	6	7	12	8	6	40																													
	Malin Head	980	6	25	16	66	01	6	037	49	5	5	6	7	40	2	09	5	6	30																																			
	Belmullet	976	5	25	08	80	01	6	059	49	5	8	4	7	41	1	09	2	8	19	6	6	40																																
	Birr	965	8	20	12	56	58	6	075	53	8	6	3	7	52	6	06	3	7	08	8	7	11																																
	Collinstown	969	8	22	17	74	20	6	061	53	8	6	4	7	50	7	12	7	11	8	7	14																																	
	Rineanna	962	8	23	17	48	58	6	082	55	8	6	3	7	53	7	08	6	7	13																																			
	Roches Point	952	8	24	23	61	61	6	116	54	8	6	3	7	52	7	08	6	7	13																																			
	Valentia	953	8	23	20	40	63	6	104	55	8	6	2	7	55	7	10	8	7	04																																			

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	Character Change in 3 hours	Sea	Dew Point	Direction	Period	Height	
LstLst	Lololo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	H	CM	CH	Ds	Vs	a	pp	TsTa	TdTa	dwdw	Pw	Hw	
CUMULUS	526	199	4	30	04	70	01	1	058	52	3	5	5	0	1	7	1	7	17	55	37	24	4	7
CIRROS	530	188	4	24	22	70	25	1	90	46	4	3	4	0	0	3	1	7	07	53	37	28	4	9
POLAR FRONT	660	020E	3	26	43	89	15	8	728	41	3	9	4	0	0	0	0	1	28	57	28	25	7	9
WEATHER OBSERVER	450	153	7	18	09	98	20	6	223	39	7	5	6	-	-	0	0	4	00	56	54			
WEATHER WATCHER	622	318	1	30	23	98	01	8	753	38	1	3	5	0	0	0	0	2	05	58	32	28	4	6
U.S. SHIP "C"	528	355	8	25	20	69	02	2	067	45	8	5	5	-	-	0	0	6	10	56	36	27	3	4
U.S. SHIP "D"	440	410	8	23	17	63	80	8	112	66	8	7	4	-	-	0	0	0	00	04	64	21	3	7
WEATHER RECORDER	570	130	0	27	22	99	01	0	987	47	0	0	9	0	0	0	3	1	05	35	44	27	4	7
PARTHIA	556	128	4	28	15	98	01	1	020	48	4	7	4	0	0	6	5	1	10	58	41	28	-	-
DONERA	463	075	8	36	05	98	02	2	231	57	8	1	4	-	-	1	4	0	05	56	42	35	4	3

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 ^c Change in 3 hours	Sea	Dew Point	Direction	Period
	LtLat	LtLong	N	dd	N	VV	ww	W	PPP	TT	Nh	CL	H	CM	CH	Ds	Vs	B	Pp	TsTs	TdTd	dwdw	PwH	
CUMULUS	525	189	8	26	08	65	80	1	039	52	8	9	4	-	-	5	1	6	12	56	41	24	4	
CIRROS	585	172	2	24	27	70	80	1	835	46	2	9	4	0	0	3	3	5	06	54	39	28	4	
POLAR FRONT	660	020E	5	26	48	98	83	8	747	39	5	9	4	0	0	0	0	5	24	59	28	25	7	
WEATHER OBSERVER	449	161	6	23	18	98	02	2	136	6	6	5	6	-	-	0	0	8	23	54	52	22	3	
WEATHER WATCHER	620	324	5	27	30	98	02	1	756	33	5	5	5	-	-	0	0	2	02	53	20	28	4	
U.S. SHIP "C"	528	355	8	27	23	65	02	8	064	45	8	5	5	-	-	0	0	7	05	56	26	26	3	
U.S. SHIP "D"	440	410	8	20	12	00	47	8	034	36	5	-	0	-	-	0	0	5	02	05	56	21	2	
WEATHER RECORDER	573	143	1	26	29	98	03	0	947	48	1	2	4	0	0	6	2	7	28	54	46	26	-	
RAIKAIA	508	119	8	22	27	97	61	6	084	50	8	6	3	-	-	2	3	7	20	52	55	23	4	
PARTHIA	555	163	7	27	18	98	15	2	017	49	4	7	4	2	-	6	5	7	20	57	42	28	-	

Table

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

No. 35040

Date of Issue: Tuesday 29th October 1957

OBSERVATIONS at 12h. G.M.T. 28th. October 1954																										OBSERVATIONS at 18h. G.M.T. 28th. October 1954																										OBSERVATIONS during DAY									
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.	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 21h. °F	Sunshine	Rain 09h. to 21h. mm.	State of ground 21h.				
			N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Td	a	pp	Ns	C	hs	Ns	C	hs	Ns	C	hs	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Td	a	pp	Ns	C	hs	Ns	C	hs	Ns	C	hs	09h. to 15h. (51)	15h. to 21h. (52)	(53)	(54)	(55)	(56)			
	Kew London Airport	775	8	24	17	70	60	6	121	56	5	5	6	2	-	50	8	11	5	6	30	8	4	99				8	21	11	66	02	6	118	56	3	5	5	7	-	50	6	03	3	6	20	5	6	35	7	3	99	ir	ir	ir	ir	57	0.0	0.5		
		772	8	24	17	70	60	6	131	57	7	6	4	1	-	49	7	12	7	7	18	8	4	60				8	24	11	66	02	6	118	55	7	4	2	-	51	6	04	7	7	18	8	4	59	ir	ir	ir	ir	57	0.0	0.4						
	Tangmere	874	8	24	14	62	20	6	146	54	3	7	4	1	-	51	7	11	3	7	14	5	6	42	8	4	58	8	25	15	58	60	6	138	56	5	7	4	2	-	52	3	02	3	7	14	7	6	26	8	4	58	ir	ir	ir	ir	59	0.1	0.2	1	
	Hurn	862	8	23	18	56	60	6	149	56	3	6	4	3	7	-	53	8	07	3	7	14	5	6	42	8	4	59	8	25	12	59	60	6	134	56	3	6	3	7	-	52	3	02	3	7	08	5	6	13	7	6	24	ir	ir	ir	ir	57	0.0	0.1	1
	Guernsey	894	7	23	16	82	25	8	183	55	5	8	4	7	-	49	8	04	4	8	12	4	6	25	8	4	64	8	24	11	80	03	6	110	56	5	5	4	2	-	50	5	04	5	6	16	8	4	60					58	0.0	TR	0				
	Felixstowe	697	8	22	18	03	03	6	130	56	5	5	5	7	-	50	7	06	2	8	25	6	3	60	8	4	64	8	21	15	63	01	6	115	55	3	5	6	3	0	-	51	6	04	5	6	16	8	4	60					57	0.0	0.5	1			
	Gorleston	497	8	24	12	58	61	6	119	55	8	0	5	2	-	51	7	05	8	5	28	6	3	60	8	4	64	8	23	16	60	02	6	104	56	6	7	4	2	-	51	6	06	6	7	18	8	4	58					56	0.0	1	1				
	Mildenhall	578	8	24	15	63	61	6	111	55	5	5	5	2	-	51	7	08	11	9	25	6	2	60	8	4	64	8	23	13	64	02	6	104	56	7	5	6	2	-	51	6	03	7	6	38					56	0.0	1	1							
	Cardington	559	8	22	22	61	60	6	116	54	5	5	5	2	-	52	7	08	5	6	20	8	5	58				8	23	22	63	02	6	096	55	6	7	4	-	52	6	03	6	7	10	8	6	20					56	0.0	1	1					
	West Raynham	485	8	22	23	66	63	6	104	53	5	7	4	2	-	51	7	05	5	7	12	8	4	59				8	21	20	67	03	6	081	54	8	7	4	-	50	7	03	4	7	12	8	6	23					55	0.0	3	1					
	Wittering	462	8	21	07	60	61	6	102	53	5	7	3	2	-	51	7	07	5	7	10	8	5	58				8	21	16	63	01	6	080	55	4	7	4	-	51	6	07	4	7	13	7	6	19					55	0.0	2	1					
	Boscombe Down	746	8	23	15	74	21	6	138	53	4	7	4	4	-	51	8	07	4	7	10	4	6	20	8	4	60	8	23	15	56	02	6	100	54	6	5	4	-	51	6	06	2	7	07	6	6	13	8	6	22					55	0.0	1	1		
	Ross-on-Wye	627	8	23	15	66	66	6	101	55	7	7	4	2	-	51	8	03	7	7	16	4	6	20	8	4	60	8	23	13	60	02	6	086	54	8	6	4	-	51	7	03	8	7	15	8	6	13	8	6	22					55	0.0	1	1		
	Bristol	628	8	23	14	58	61	6	105	54	5	6	4	2	-	51	8	06	1	7	09	5	7	13	8	5	50	8	19	18	48	51	5	10	55	4	7	2	-	51	6	04	4	7	08	8	7	13					57	0.0	3	1					
	Aberporth	502	8	23	24	43	61	6	086	54	6	6	2	2	-	53	8	12	6	7	05	8	5	12	8	5	50	8	24	22	51	51	6	010	56	6	6	3	2	-	54	6	02	6	7	01	8	5	15					56	0.0	6	1				
	Rhosce	715	8	23	20	59	61	6	048	53	6	6	6	4	-	53	7	15	6	7	15	8	6	40	8	4	59	8	23	19	62	03	6	103	56	8	5	4	-	52	5	03	8	6	16	8	5	15					56	0.0	2	1					
	Plymouth	827	8	23	24	58	62	6	058	56	6	6	6	3	2	-	53	7	05	6	7	09	3	6	40	8	4	59	8	25	25	48	60	6	132	56	3	7	3	-	54	5	03	3	7	08	8	7	17					57	0.0	1	1				
	Chivenor	707	8	25	22	57	63	8	134	56	4	6	6	3	2	-	54	7	08	6	7	09	8	5	25	8	4	59	8	24	20	48	58	6	116	56	0	6	3	-	54	5	04	6	7	06	8	7	10					57	0.0	3	1				
	St. Mawgan	817	8	23	17	60	6	6	162	54	4	6	3	1	-	52	8	09	4	7	07	8	7	12				8	22	18	32	61	6	123	54	4	6	2	-	54	5	05	4	7	04	8	7	07					55	0.0	3	1					
	Culdrose	809	8	23	17	69	61	6	150	55	3	7	4	2	-	53	7	06	3	7	10	5	6	18	8	5	56	8	23	23	18	60	6	109	56	7	5	2	-	54	6	06	7	7	05	8	5	20					56	0.0	1	1					
	Scilly	804	8	23	16	69	61	6	141	55	3	7	4	2	-	53	7	06	3	7	10	5	6	18	8	5	56	8	23	22	34	60	6	119	55	7	5	2	-	55	6	05	7	7	05	8	5	20					56	0.0	1	1					
	Elmdon	534	8	21	13	48	61	6	092	53	3	5	3	2	-	52	8	13	8	6	06	6	7	07				8	20	20	34	58	6	049	53	3	7	3	-	52	7	11	3	7	06	6	7	09	7	6	12					56	0.0	2	1		
	Shawbury	414	8	21	17	78	61	6	078	56	6	5	5	2	-	52	8	14	2	6	18	6	6	4	58				7	21	16	60	01	6	053	58	4	5	4	-	51	6	06	4	6	16	7	6	25					58	0.0	1	1				
	Manchester	334	8	20	20	58	63	6	065	53	6	5	5	3	2	-	52	8	10	2	7	10	6	6	20	8	4	58	7	21	16	60	01	6	042	50	3	6	4	-	52	8	07	3	7	15	5	6	20	8	6	25					56	0.0	5	2	
	Squires Gate	318	8	24	13	30	65	6	046	54	3	7	1	1	-	53	8	13	3	7	02	6	7	04	8	7	07	8	12	08	26	58	5	034	50	4	7	3	-	49	3	01	2	7	03	4	7	01	7	7	10					55	0.0	17	2		
	Valley	302	8	23	24	57	60	6	050	55	2	6	3	1	-	54	8	12	3	7	04	7	7	06	8	6	7	10	8	22	25	61	02	6	083	56	8	6	3	-	55	3	02	8	7	07					55	0.0	9	2							
	Ronaldsway	204	8	23	01	60	61	6	050	51	4	6	3	1	-	49	7	10	4	7	06	7	7	10	8	6	7	10	8	00	00	34	63	6	038	50	3	6	3	2	-	50	3	02	3	7	06	5	6	20	8	5	80					56	0.0	12	2
	Silloth	214	8	20	08	56	60	2	042	50	3	5	5	7	-	47	8	16	1	7	12	8	6	23	8	4	57	8	21	09	50	60	6	021	50	3	6	3	-	49	3	02	3	7	07	7	6	21	8	3	58					51	0.0	3	1		
	Watnall	354	8	24	15	28	6	6	038	53	6	7	3	1	-	53	7	13	6	7	08	8	6	20				8	23	17	19	61	6	058	55	8	7	3	-	51	5	03	8	7	07					55	0.0	3	1								
	Spurn Head	396	8	21	17	56	63	6	093	54	8	6	4	1	-	52	8	06	8	7	11	3	5	50				7	21	18	58	02	6	061	55	7	6	4	-	53	7	03	7	7	12					55	0.0	3	0								
	Lindholme	362	8	20	14	40	63	6	071	55	7	6	4	1	-	53	8	12	7	7	15	3	5	50				8	21	15	58	02	6	050	56	5	5	6	-	53	6	02	2	7	12	5	6	20	8	6	57					55	0.0	4	1		
	Dishforth	261	8	20	00</																																																								

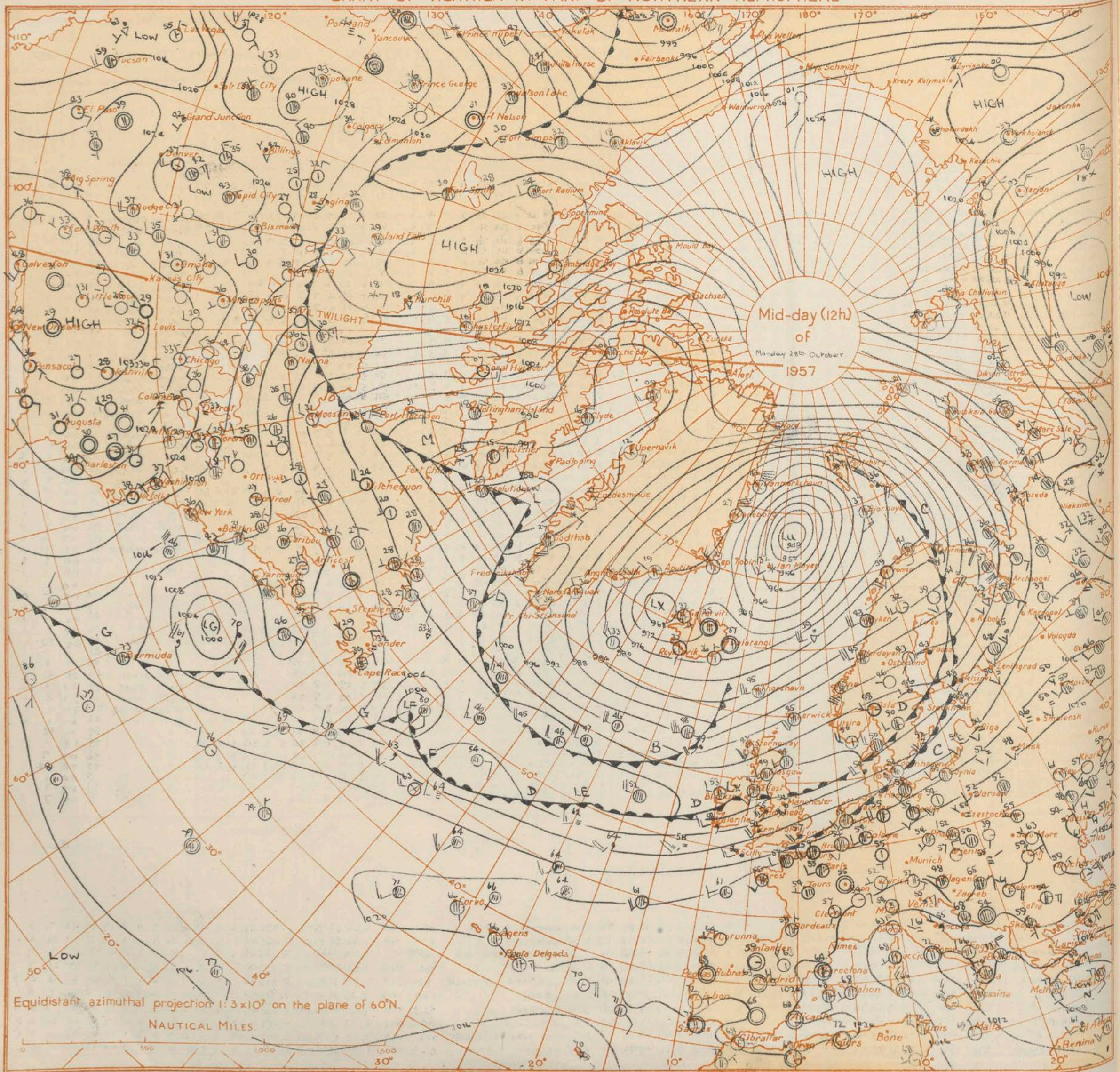
Code F.M.21.A		12h. Ships Reports																				18h. Ships Reports																											
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.	Waves			Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar	Temp.	Waves								
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction			Speed	Character	Change in 3 hours					Sea	Dew Point	Direction	Period			Height	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point			Direction	Period	Height						
				N	dd	ff	VV			ww	W	PPP	TT	Nh	CL	h			CM	CH	Ds					Vs	a	pp	Ts			Td	Tdd	wdw	Pw	Hw	N	dd			ff	VV	ww	W	PPP	TT	Nh	CL	h
CIRRUS	581	159	7	29	33	40	16	8	880	48	1	9	4	5	0	3	3	6	15	53	39	74	4	0	WEATHER RECORDER	581	160	6	24	34	48	16	1	89	47	4	3	4	0	1	7	2	3	03	55	43	76	4	0
CUMULUS	524	198	8	27	26	65	25	2	044	52	8	9	4	-	-	0	0	6	00	55	48	27	4	6	CUMULUS	525	199	6	26	24	80	01	8	045	54	6	5	4	0	0	6	1	3	04	53	33	26	4	0
WEATHER OBSERVER	449	160	7	22	18	98	02	8	197	61	6	8	5	4	-	0	0	8	02	54	58	30	5	3	WEATHER OBSERVER	448	157	7	24	19	48	02	8	185	63	5	8	5	-	8	0	0	8	01	52	52	22	3	0
WEATHER WATCHER	621	322	4	28	20	98	26	8	785	33	4	3	5	0	0	0	0	2	22	63	28	28	4	5	POLAR FRONT	660	020E	3	24	33	48	01	8	77	34	2	9	4	6	0	0	0	1	05	53	39	26	7	0
POLAR FRONT	660	020E	7	25	29	97	21	2	779	39	7	9	5	-	-	0	0	1	06	58	38	26	7	8	WEATHER WATCHER	621	318	7	28	33	98	02	8	80	23	4	7	3	4	-	0	0	1	06	62	2	28	8	0
U.S. SHIP "B"	665	510	6	25	12	64	16	2	616	37	5	2	5	7	0	0	0	7	02	55	31	28	3	8	CIRRUS	580	146	3	26	33	60	02	2	885	48	3	9	4	0	0	2	5	0	10	54	36	77	4	0
U.S. SHIP "C"	528	355	8	27	19	62	60	2	059	45	7	5	-	3	0	0	0	8	03	56	31	26	3	5	U.S. SHIP "C"	528	355	7	27	10	72	02	6	02	46	7	5	5	0	0	0	0	17	55	37	30	5	0	
U.S. SHIP "D"	440	410	9	25	15	78	13	9	116	63	9	1	-	1	-	0	0	1	17	01	62	24	3	5	U.S. SHIP "D"	440	410	8	25	18	61	60	5	103	66	7	2	-	0	0	0	0	08	04	65	24	4	0	
U.S. SHIP "E"	336	480	7	32	07	69	02	1	195	74	5	2	5	3	1	0	0	1	07	52	64	26	3	3	MANCHESTER EMPLOYER	512	158	4	28	11	98	02	2	09	55	8	7	5	0	0	6	3	2	10	12	47	78	7	0
WEATHER RECORDER	519	150	6	24	33	99	03	1	911	48	3	2	4	3	-	6	2	8	21	55	46	26	4	9	REUSEN TIPTON	463	287	8	23	23	91	02	2	119	62	8	7	3	0	0	5	4	09	52	62	23	0	0	

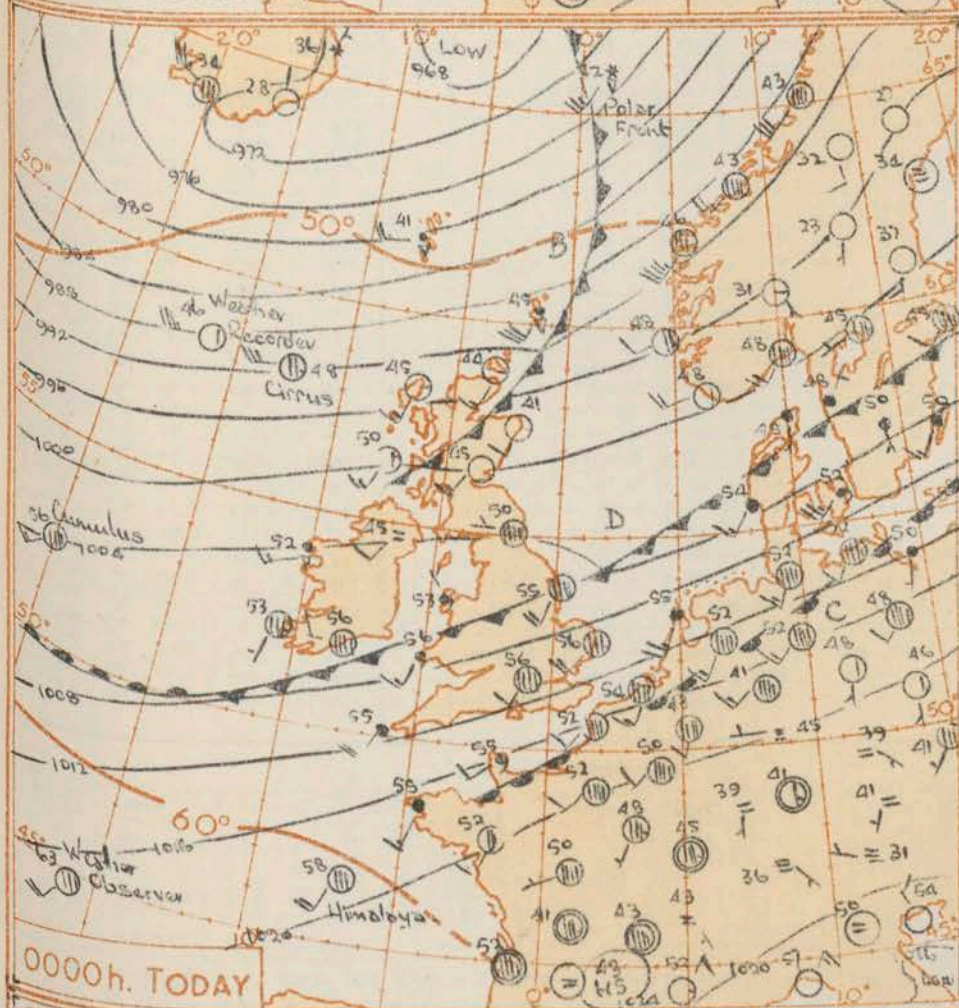
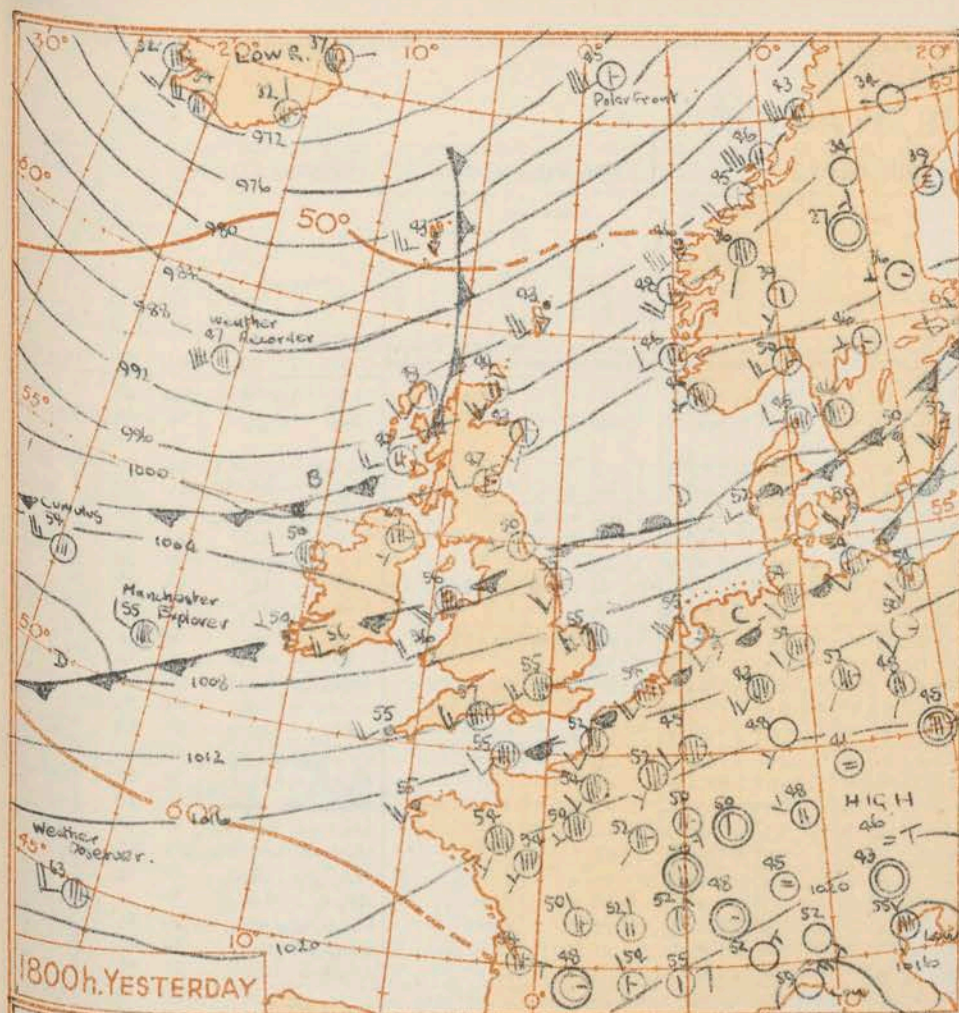
All times of observation printed in this publication are GREENWICH MEAN TIME.

* Information not usually received.

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

A cold front has moved slowly south into the Midlands but is expected to return northeast as a warm front across England as a depression west of Ireland moves quickly east to northeast across Northern Ireland and towards South Norway. The cold front of this depression is expected to move east over the country during the night with a ridge developing in mid-Atlantic.

Issued at midday today Tuesday 29th October 1957

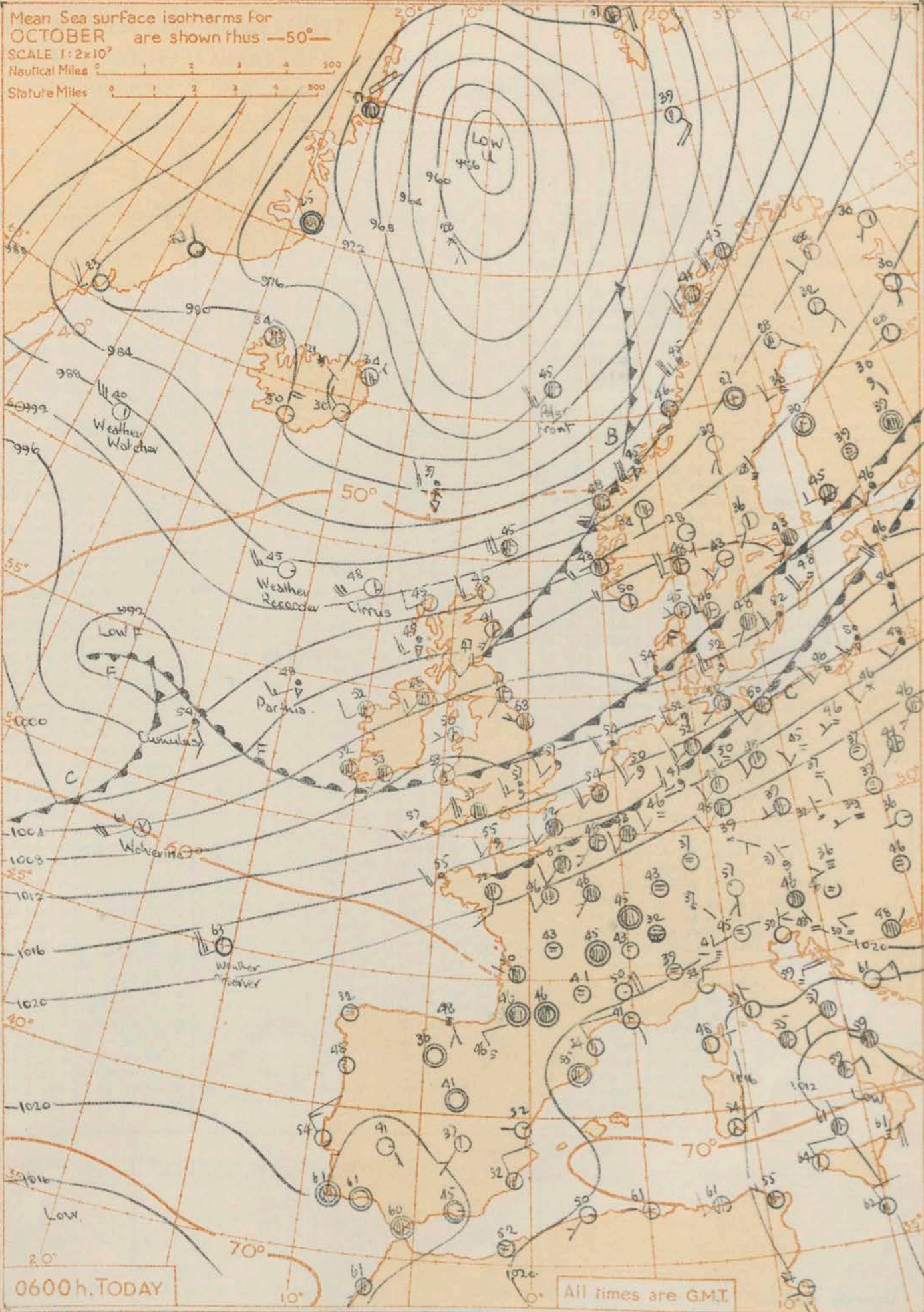
FORECAST FOR BRITISH ISLES until noon tomorrow

It will be mainly cloudy with periods of rain in all areas but some clearances are likely to spread in during the night and morning though with squally showers. Gales are likely to be renewed in western districts and extend to many southern districts. Temperatures will be near the seasonal average.

OUTLOOK FOR following 24 hrs.:

Showers and bright periods. Probably a little colder.

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



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

[illegible]

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Code FM 21.A		LAT.	LONG.	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves		Ship	LAT.	LONG.	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar	Temp.	Waves																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. 35041

Date of Issue Wednesday 30th October 1957

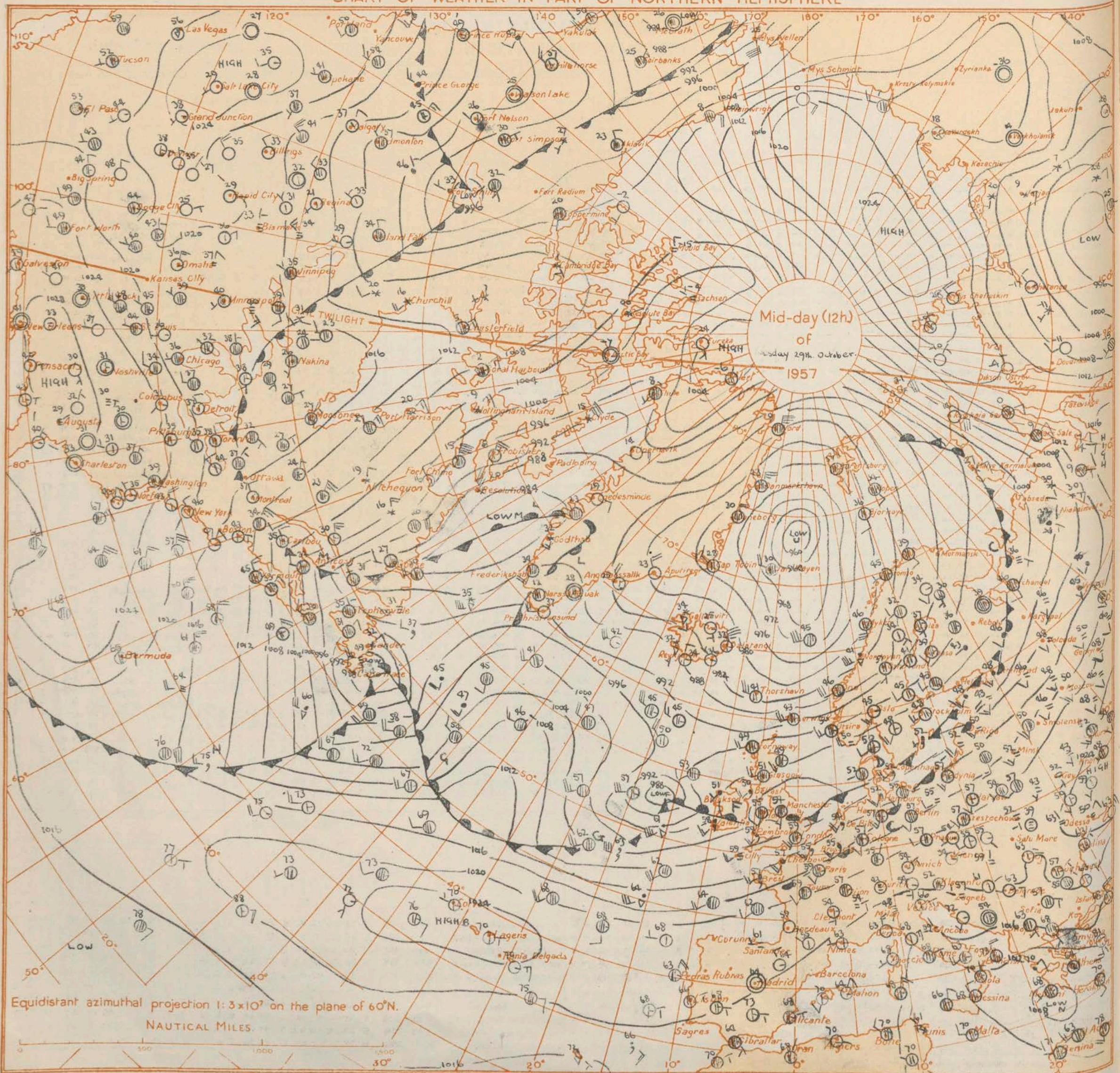
OBSERVATIONS at 12h. G.M.T. 29th. October 1957

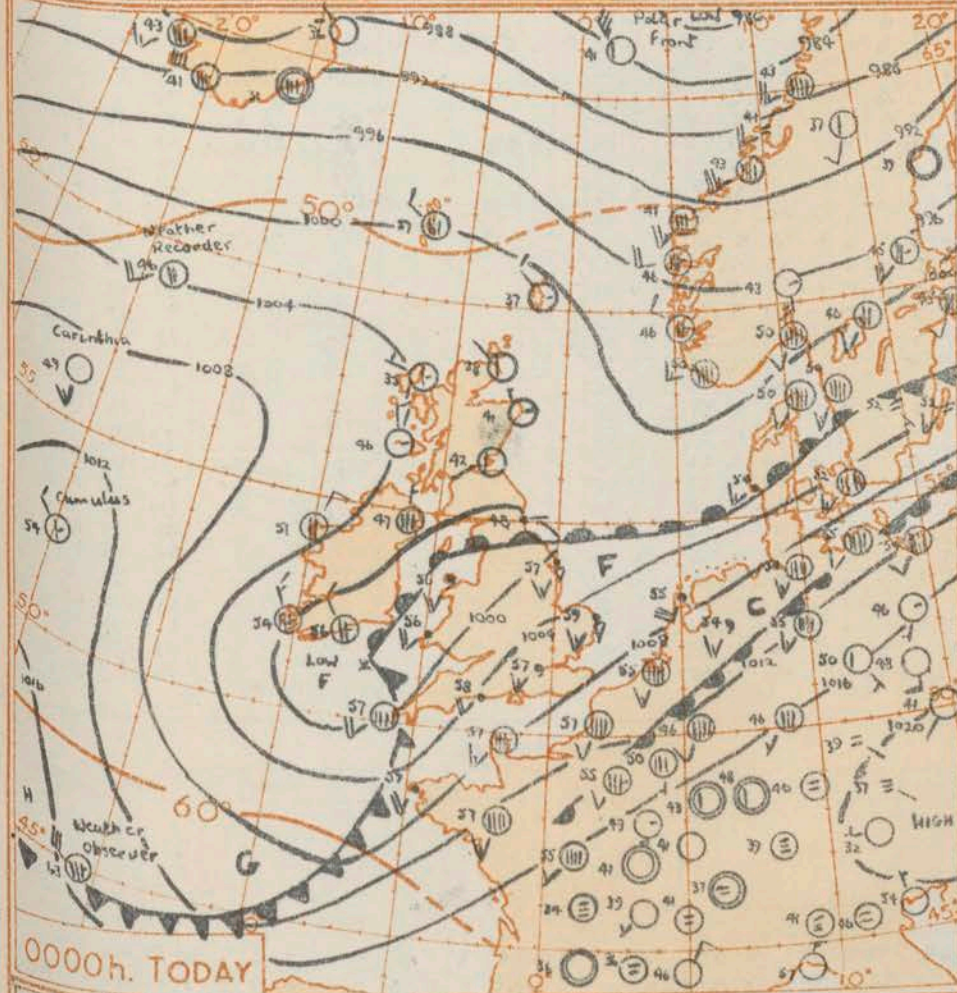
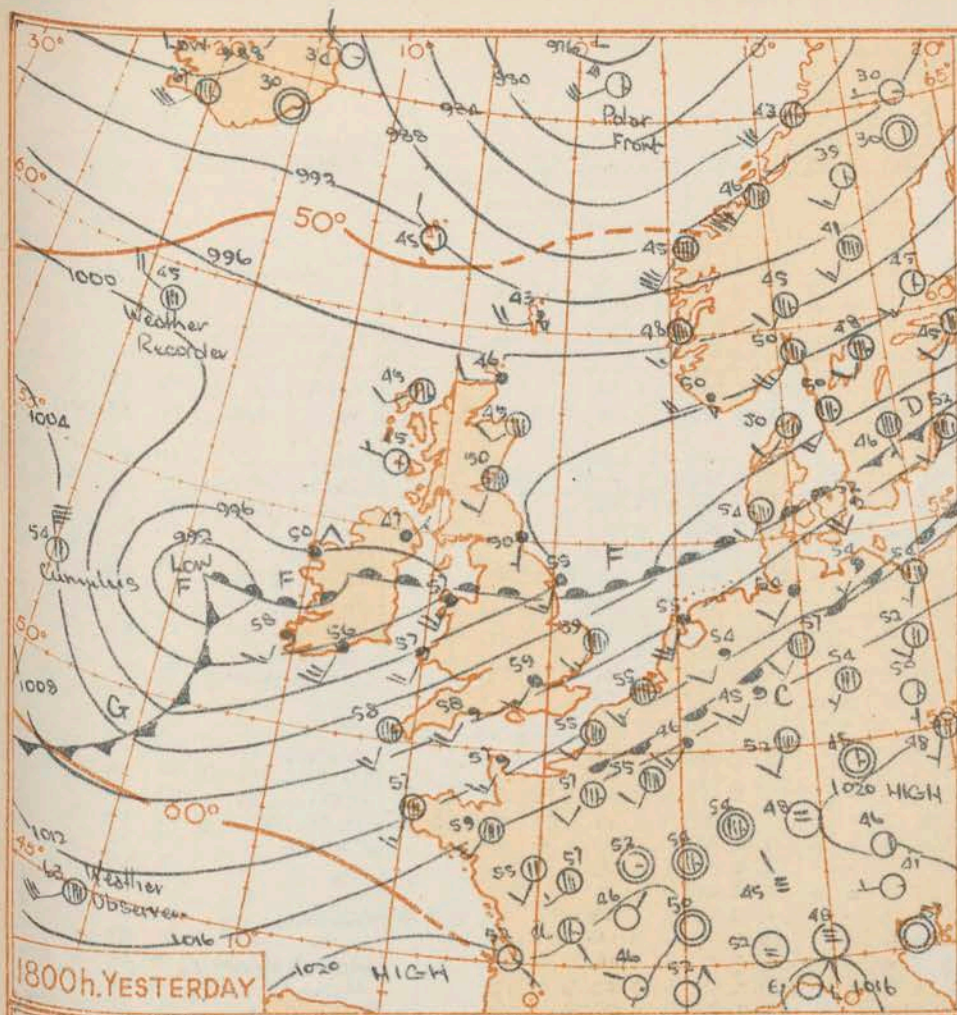
OBSERVATIONS at 18h. G.M.T. 29th. October 1957

OBSERVATIONS during DAY

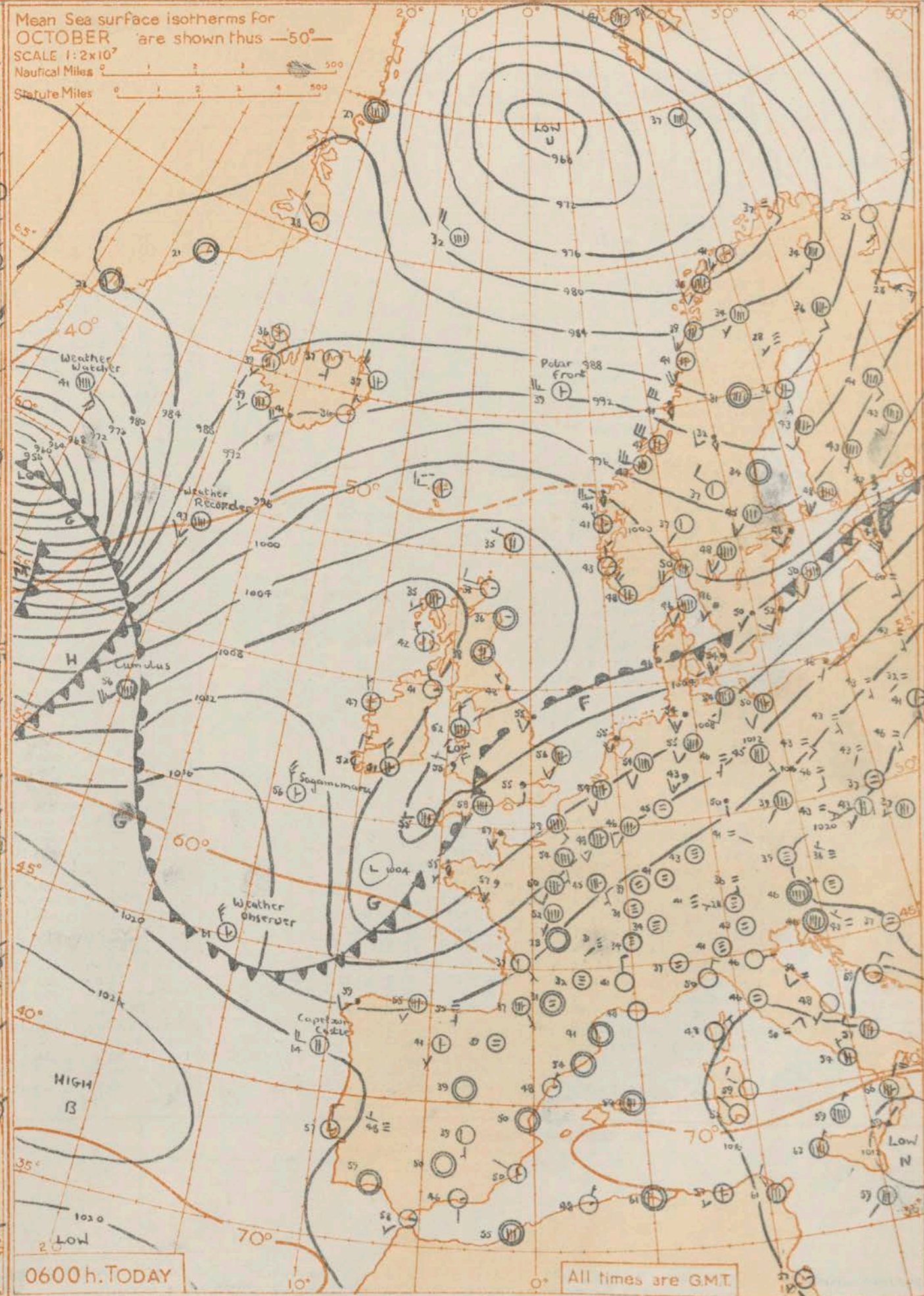
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CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Mean Sea surface isotherms for OCTOBER 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 SYNOPSIS DEVELOPMENT

A depression which moved rapidly towards Ireland yesterday degenerated during the night. It is now an irregularly shaped trough lying from Denmark to the Southwest Approaches, and will move slowly southeast becoming much less deep. An intensifying ridge will move south-eastward behind it this will be followed in the north and west of the British Isles by the occluding fronts of a deep depression moving towards Iceland.

Issued at midday today Wednesday 30th October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Showers in north Scotland will soon die out. The mainly dry, bright weather in northern areas of the British Isles will gradually replace the dull drizzly weather over much of England and Wales though it may not reach the Southeast before nightfall. Fog patches and ground frost may occur in England and Wales tonight. In Scotland and Northern Ireland increasing southwesterly winds will bring cloud and later, rain and drizzle into Northern Ireland, Scotland tonight and probably to northern England and Wales by noon tomorrow. It will be rather cold in the north today with temperatures near average in the South.

OUTLOOK FOR following 24 hours:-

Milder cloudy weather will return to all areas with some rain or drizzle. It will become changeable in northern areas later.

No

Code

* Information not usually received.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue.....Thursday 31st October.....1957

No. 35042

OBSERVATIONS at 12h. G.M.T. 30 October 1957

30 October 1957

OBSERVATIONS at 18h. G.M.T.

30th October 1957

	OBSEVA
--	--------

LONG 11-11-11

OBSERVATIONS during DAY

[illegible]

12h. Ships Reports

Code F.M.21.A		12h. Ships Reports																											
Ship	LAT.	LONG.	Total Cloud	Wind			Weather			Bar at M.S.L	Dry Bulb Temp.	Cloud					Course		Bar		Temp.		Waves						
				Direction	Speed	Visibility	Present	Past	Amount			Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height					
Lat	Long	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Ys	a	pp	TsTs	TdTd	dwdw	Pw	Hw						
WEATHER RECORDER	590	190	8	18	30	96	61	6	821	50	8	7	3	-	-	0	0	7	121	51	49	20	4	5					
CUMULUS	520	198	8	21	39	60	21	2	071	57	7	7	4	2	-	5	8	5	21	01	55	22	4	3					
WEATHER OBSERVER	48	160	7	34	17	98	02	2	233	61	7	5	6	-	-	0	0	2	23	55	50	23	3	8					
POLAR FRONT	653	022E	6	20	24	99	15	2	928	41	6	9	4	-	-	0	0	4	00	56	34	20	6	7					
WEATHER WATCHER	621	320	8	10	28	96	03	6	628	41	8	7	4	-	-	0	0	7	57	54	38	09	4	6					
U.S. SHIP 'B'	505	510	7	32	47	56	02	8	925	34	7	2	4	-	-	0	0	2	93	60	74	81	7	6					
U.S. SHIP 'C'	528	335	8	25	41	65	15	2	029	48	4	2	4	4	0	0	0	1	77	53	28	75	5	3					
U.S. SHIP 'D'	440	410	7	30	15	67	02	2	262	60	4	5	5	7	0	0	0	2	39	55	47	30	4	6					
U.S. SHIP 'E'	350	480	8	02	14	64	80	8	262	71	2	4	5	-	-	0	0	2	20	55	68	02	2	2					
CIRRUS	587	030	6	23	12	70	03	1	075	46	1	8	4	5	5	3	3	0	03	54	37	30	4	2					

18h. Ships Reports

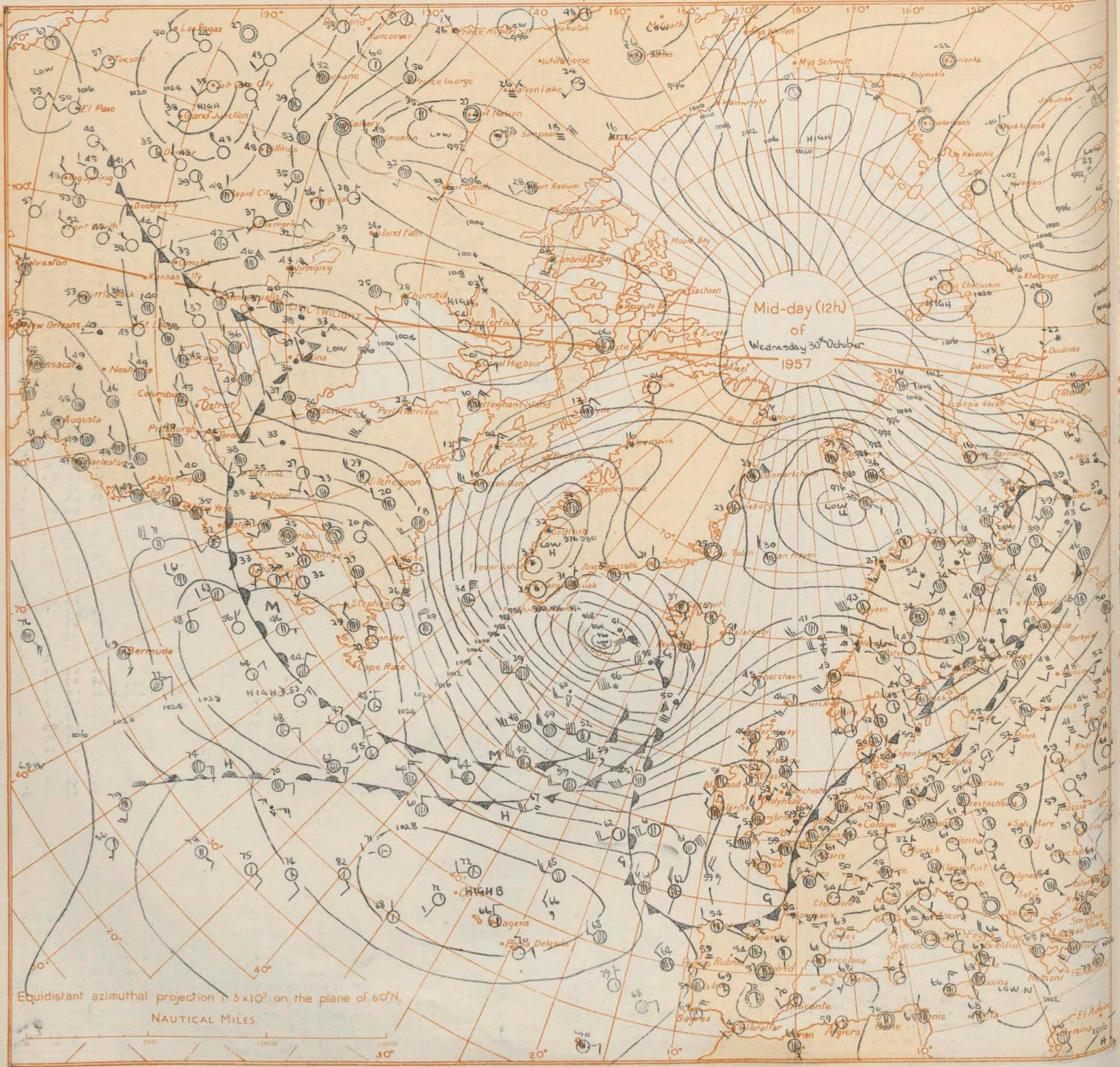
Ship	LAT.	LONG.	Total Cloud	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar Change in 3 hours	Temp. Sea	Dew Point	Waves			
				Direction	Speed	Visibility	Present	Pass			Amount	Low	Height	Medium	High	Direction	Speed				Direction	Period	Height	
	LatLst	LoLoLo	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	X	CM	CH	Dx	Vs	a	op	TaTs	TdTd	dwdw	Fw	Hw
CUMULUS	525	198	6	26	32	60	03	6	078	57	2	2	4	4	0	5	1	3	13	00	52	25	4	9
WEATHER RECORDER	591	188	1	24	39	98	01	2	837	49	1	2	5	0	0	6	1	3	16	52	43	24	4	9
POLAR FRONT	644	0264	1	27	19	99	01	8	964	41	1	3	4	0	0	4	3	2	22	85	36	26	5	6
WEATHER OBSERVER	450	159	5	35	13	98	01	2	226	59	5	5	0	1	1	1	2	03	54	52	33	2	7	
WEATHER WATCHER	622	322	8	07	28	96	4	6	644	52	6	7	3	2	0	0	6	12	53	40	09	4	6	
U.S. SHIP "E"	528	355	2	27	48	65	25	8	082	43	3	2	5	0	0	0	2	27	58	85	76	6	4	
U.S. SHIP "D"	440	410	6	31	14	69	02	2	305	60	6	4	5	7	8	0	2	25	57	44	30	4	6	
WOLVERINE	477	310	7	27	28	98	02	2	207	60	4	4	5	3	9	6	5	2	20	51	45	26	3	3
SOUTHERN SATELLITE	434	250	8	25	13	98	10	2	260	65	8	7	4	0	0	5	4	2	12	08	65	23	5	6
LAKONIA	563	324	5	23	48	97	27	6	872	44	5	5	3	8	0	6	1	4	00	52	35	73	6	4

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

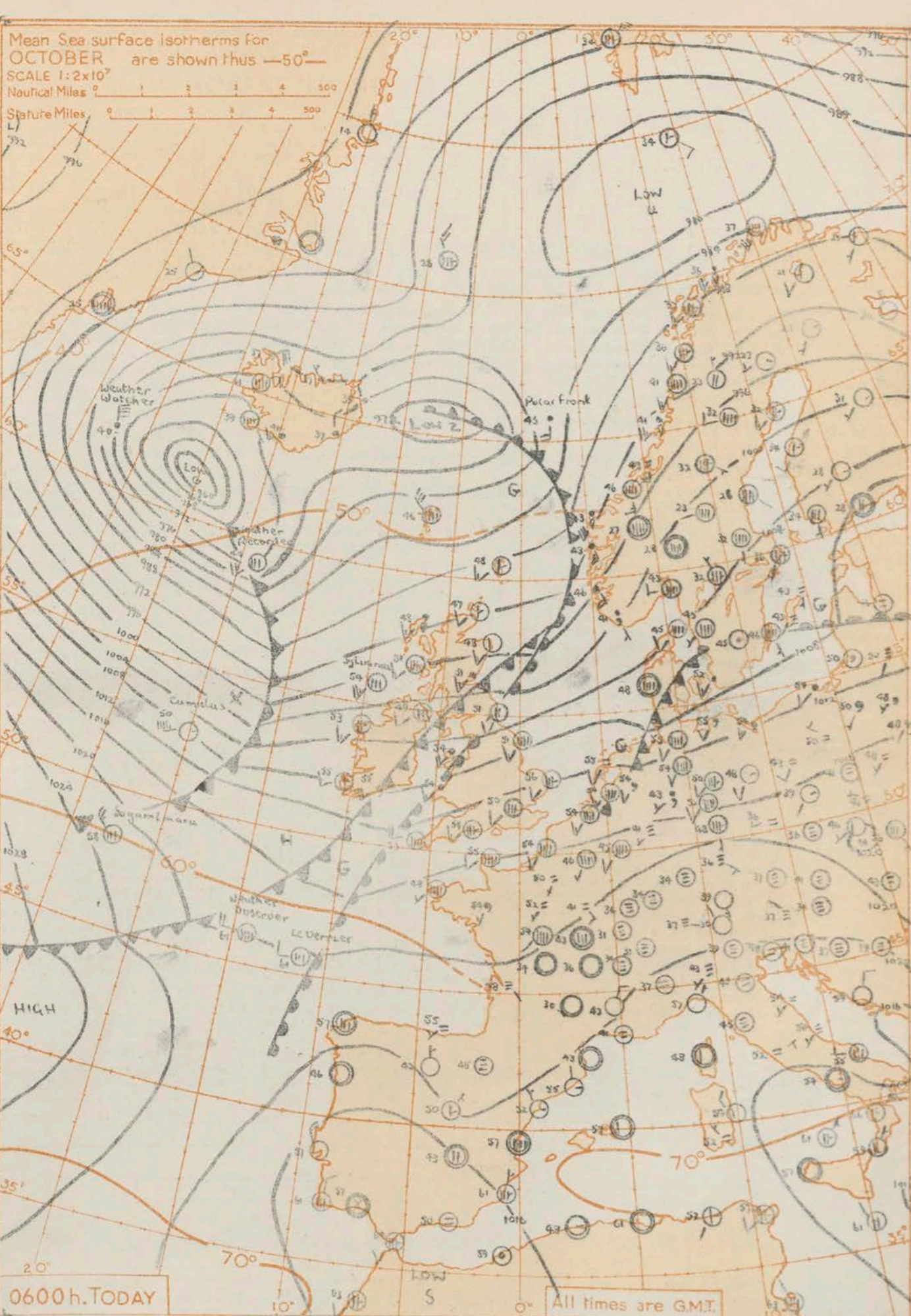
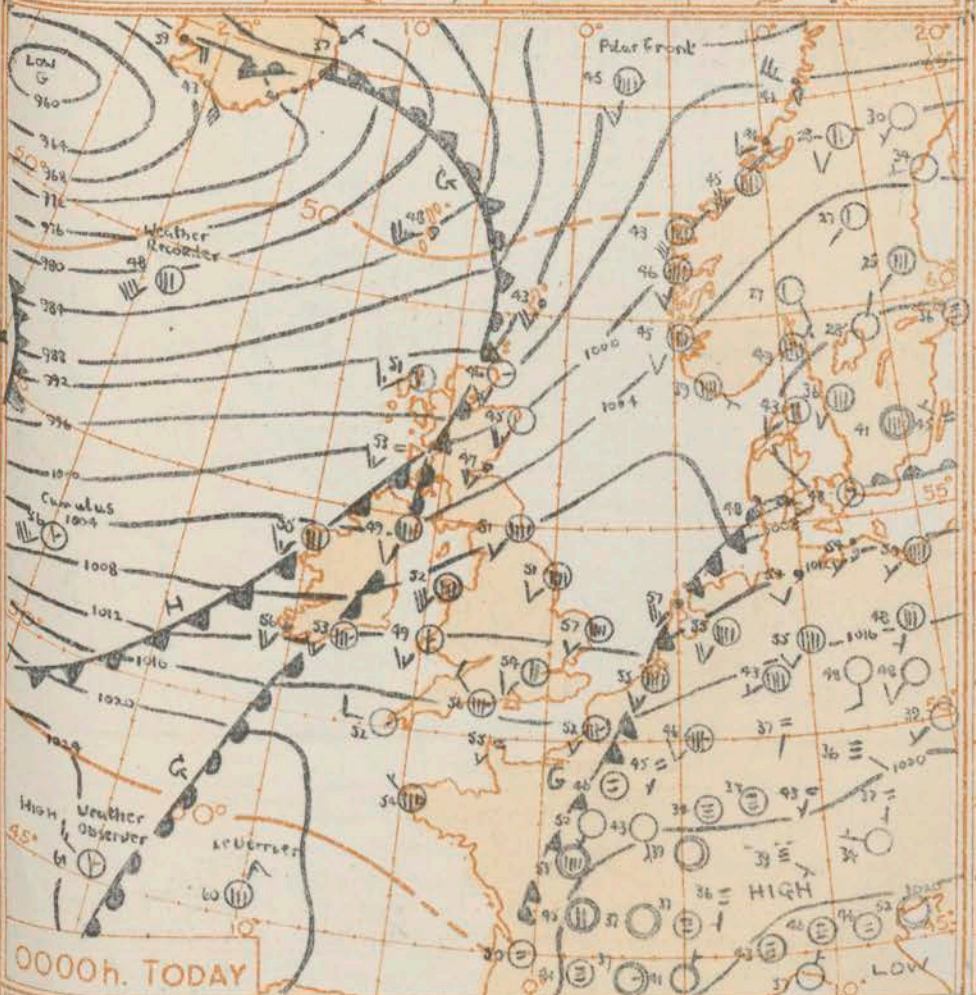
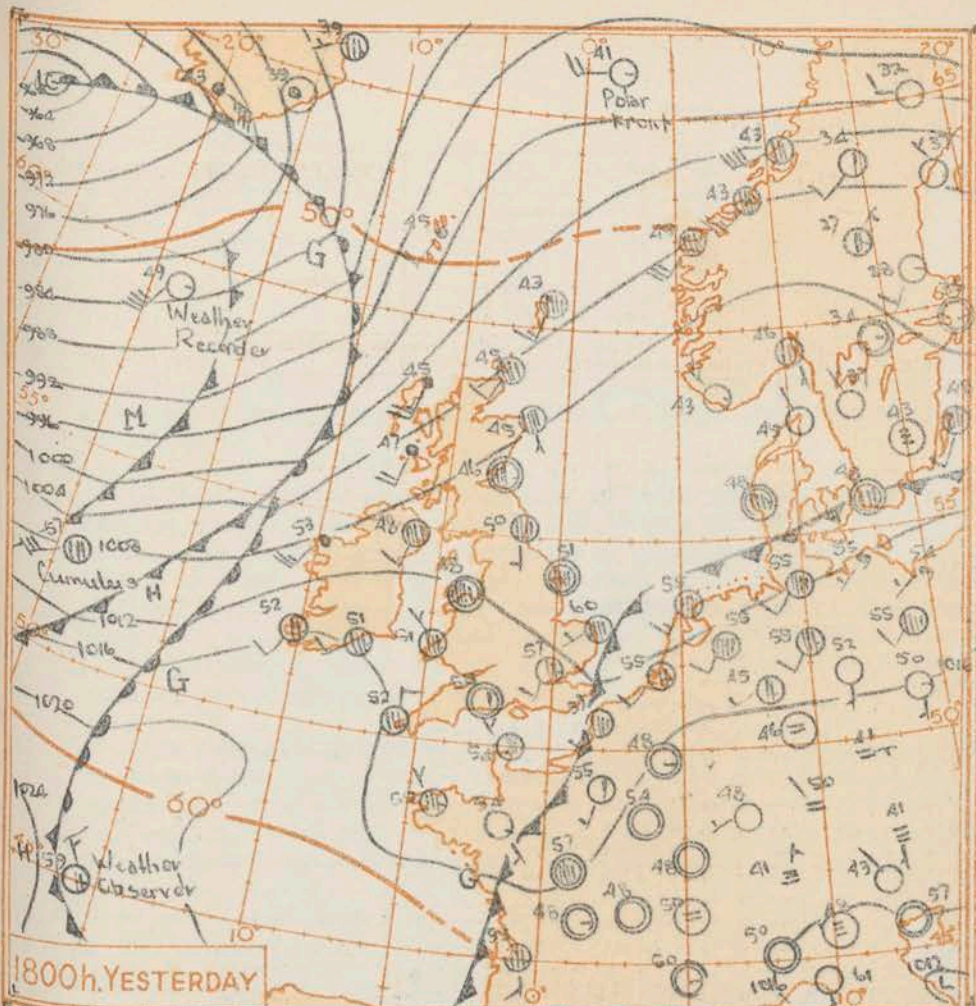
* Information not usually received.

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



Mean Sea surface isotherms for
OCTOBER 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

The trough over southeastern districts of the British Isles moved away eastward filling and the following ridge weakened. The fronts of a deep depression between Iceland and Greenland moved quickly southeast and will cross all areas today while the westward component of the depression is expected to swing southeast towards northern Scotland.

Issued at midday today Thursday 31st October 1957

FORECAST FOR BRITISH ISLES until noon tomorrow

Rain will cross England and Wales and will be followed by brighter colder weather with showers in most places. In Scotland and northern Ireland there will be frequent showers, with snow on high ground and possibly sleet or snow on low ground in north Scotland. Westerly winds will become strong generally and gales, possibly snow in exposed places, will occur in many northern areas.

OUTLOOK FOR following 24 hours

Cold and showery in the north and west. Scattered showers and hail possible in south-eastern areas.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 31st October 1957																									OBSERVATIONS at 06h. G.M.T. 31st October 1957																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Code FM 11.A	Station	Station Number	Wind Direction	Wind Speed	Visibility	Present	Past	Bar. 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	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar. 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	Weather	21h. to 03h.	03h. to 09h.	Temp. 21h. to 09h. in °F	Min. °F	Max. °F	State of Ground																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM	CH	Td	a	pp	Ns	C	hs	h	CL	h	CM</

00h. Ships Reports

Code FM 21.A	Ship	LAT.	LONG.	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.	Temp.		Waves				
Total Cloud				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction	Speed	Character C	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
LatLst	LatObs	N	dd	H	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTb	TdTd	dwdw	Pw	Hw	
WEATHER RECORDER	531	18.9	6	24	38	98	03	5	635	48	6	2	5	-	-	6	1	6	06	53	42	74	4	1
CUMULUS	525	20.0	3	25	35	70	01	1	673	56	3	5	5	0	0	6	1	7	11	51	45	25	4	3
WEATHER OBSERVER	454	155	3	28	16	98	03	1	227	61	2	5	6	0	1	1	3	7	09	52	56	29	3	6
POLAR FRONT	654	024E	8	19	13	92	02	2	324	45	8	0	4	-	-	8	3	8	35	53	34	43	4	4
WEATHER WATCHER	021	324	8	04	35	36	61	6	633	43	8	7	3	-	-	9	0	3	01	52	40	06	4	9
U.S. SHIP 'C'	528	355	2	27	48	69	02	8	180	40	2	1	5	0	0	0	2	51	33	52	43	7	7	
U.S. SHIP 'B'	440	410	8	33	12	69	02	2	326	53	3	5	7	-	-	0	0	2	20	61	44	30	4	6
CIRRUS	572	010	8	23	52	68	21	2	008	50	8	6	4	-	-	3	3	7	37	52				
LE VERRIER	455	103	6	01	17	97	02	2	220	60	5	8	5	0	1	7	4	3	22	53	52	36	3	4
DAPANUI	463	138	6	31	15	98	02	2	230	60	5	6	4	-	-	5	5	2	02	51	54	30	3	4