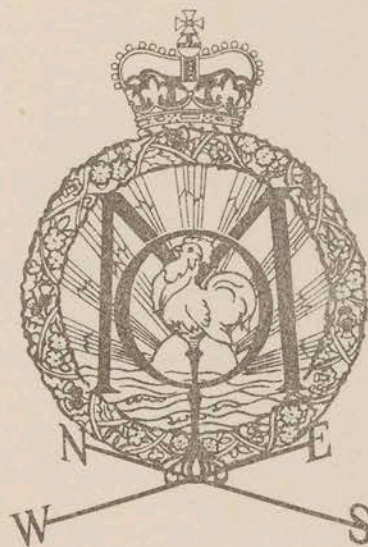


# THE DAILY WEATHER REPORT

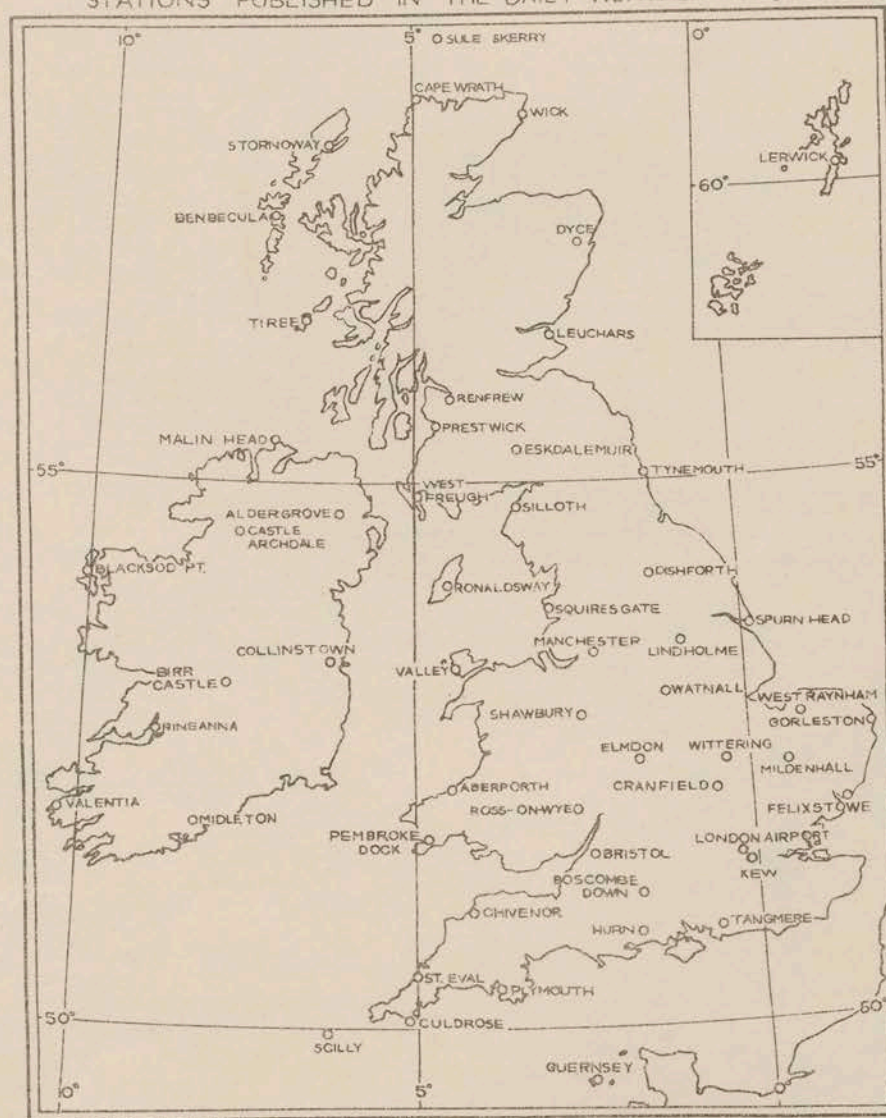
(INTRODUCTION)

1st July to 30th September

1955



STATIONS PUBLISHED IN THE DAILY WEATHER REPORT



METEOROLOGICAL OFFICE  
LONDON, W.C.2



## 1. HISTORY

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

## 2. FORM OF PRESENTATION

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

(ii) **Charts.**—Page 2 contains a chart of the weather in a large part of the northern hemisphere for mid-day of the previous day. 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 <sub>h</sub> C <sub>L</sub> h C <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> T <sub>d</sub> a pp	N <sub>s</sub> C h <sub>shs</sub>
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Fahrenheit.	N <sub>h</sub> = Amount of cloud the height of which is given by h (Table 1). C <sub>L</sub> = Form of low cloud (Table 6). h = Height above ground of base of cloud (Table 9). C <sub>M</sub> = Form of Medium Cloud (Table 7). C <sub>H</sub> = Form of high cloud (Table 8).	T <sub>d</sub> T <sub>d</sub> = Dew point temperature in whole degrees Fahrenheit. a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	N <sub>s</sub> = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h <sub>shs</sub> = Height of base of cloud (Table 12).
CODE F.M.21A—Ships					
L <sub>3</sub> L <sub>2</sub> L <sub>1</sub>	LoLoLo	Followed by first four groups as in F.M.11A above	D <sub>s</sub> v <sub>s</sub> a pp	T <sub>s</sub> T <sub>s</sub> T <sub>d</sub> T <sub>d</sub>	dwdw P <sub>w</sub> H <sub>w</sub>
L <sub>3</sub> L <sub>2</sub> L <sub>1</sub> = Latitude in degrees and tenths.	LoLoLo = Longitude in degrees and tenths (West unless otherwise stated).		D <sub>s</sub> = Direction of movement of ship (Table 14). v <sub>s</sub> = Speed of ship in knots (Table 15). a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	T <sub>s</sub> T <sub>s</sub> = Difference between air temperature and sea temperature in degrees Fahrenheit. (If the air temperature is less than the sea temperature, 50 is added). T <sub>d</sub> T <sub>d</sub> = Dew point temperature in whole degrees Fahrenheit.	dwdw = Direction of waves to tens of degrees (Table 2). P <sub>w</sub> = Period of waves (Table 16). H <sub>w</sub> = Mean maximum height of waves (Table 17).

Table 1—Code for Cloud Amount (N, N<sub>h</sub>, N<sub>s</sub>)

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 dwdw)

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

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

## 3. NOTES

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

	ft.		ft.		ft.		ft.
Kew	18	Bristol	197	Silloth	27	Sule Skerry	50
London Airport	82	Aberporth	379	Watnall	337	Lerwick	272
Tangmere	57	Pembroke Dock	47	Spurn Head	54	Stornoway	42
Hurn	34	Plymouth	100	Lindholme	21	Benbecula	16
Guernsey	340	Chivenor	22	Dishforth	131	Tiree	29
Felixstowe	16	St. Eval	343	Tynemouth	130	Aldergrove	220
Gorleston	26	Culdrose	260	Eskdalemuir	794	Castle Archdale	271
Mildenhall	39	Scilly	199	West Freugh	50	Malin Head	85
Cranfield	350	Elmdon	326	Prestwick	30	Blacksod Point	18
West Raynham	263	Shawbury	249	Renfrew	30	Birr Castle	213
Wittering	219	Manchester	230	Leuchars	36	Collinstown	265
Boscombe Down	419	Squires' Gate	33	Dyce	234	Rineanna	22
Ross on Wye	226	Valley	29	Wick	119	Midleton	31
		Ronaldsway	55	Cape Wrath	371	Valentia	45

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

Table 3.—Code for Visibility—VV

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

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

† Values not given may be obtained by interpolation.

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

Table 4.—Code for Past Weather (W)

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



Table 5.—Code for Present Weather (ww)

00-19 No precipitation at time of observation.	00	Cloud development not observed.	Characteristic change of the state of sky during the past hour.	30-39 Duststorms, sandstorms or drifting snow.	30		has decreased during preceding hour. no appreciable change during preceding hour. has increased during preceding hour. has decreased during preceding hour. no appreciable change during preceding hour. has increased during preceding hour. Slight or moderate drifting snow. } generally low. Heavy drifting snow. } generally high. Slight or moderate drifting snow. } Heavy drifting snow. }	70-79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes.	slight at time of observation. moderate at time of observation. heavy at time of observation.
	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, not associated with thunder.	
	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. slight at time of observation. moderate at time of observation. thick at time of observation. 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.					
60-69 Rain at time of observation.	60	Rain, not freezing, intermittent.	slight at time of observation. moderate at time of observation. thick at time of observation. slight at time of observation. moderate at time of observation. thick at time of observation. slight at time of observation. moderate at time of observation. thick at time of observation.	60-69 Rain at time of observation.	60	Rain, not freezing, intermittent.	slight at time of observation. moderate at time of observation. thick at time of observation. slight at time of observation. moderate at time of observation. thick at time of observation. slight at time of observation. moderate at time of observation. thick 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<sub>h</sub> 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<sub>h</sub> 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<sub>h</sub> 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 <sub>1</sub> h <sub>2</sub> )
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.  <div style="display: flex; justify-content: space-between;"> <div> <b>CODE FIGURES 81–89</b>              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           </div> <div> <b>CODE FIGURES 90–99*</b>              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.           </div> </div> <p>* Only used when cloud height cannot be determined with greater accuracy.</p>
		<b>Table 13.—Code for State of Ground (E)</b>  <div style="display: flex; justify-content: space-between;"> <div>             0 ... Ground dry.              1 ... .. moist.              2 ... .. wet.              3 ... .. frozen.              4 ... Glaze on ground but no snow or melting snow.              5 ... Ice, snow or melting snow covering less than one-half of ground.           </div> <div>             6 ... Ice, snow or melting snow covering more than one-half of ground (but not completely).              7 ... Ice, snow or melting snow covering ground completely.              8 ... Loose dry snow covering more than one half of ground (but not completely).              9 ... Loose dry snow covering ground completely.           </div> </div>

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

d = drizzle.	h = hail.	r = rain.	Intensity is shown by capital letters ("heavy" or "thick") or suffix "o" ("slight"). Continuous precipitation is shown by repeating the letter and intermittent precipitation by the prefix "i". The prefix "j" indicates weather near but not at the station.
f = fog, visibility 220-1100 yards.	ks = storm of drifting snow.	s = snow.	
F = thick fog, visibility less than 220 yards.	l = lightning.	rs = sleet.	
f <sub>g</sub> = low fog over land or sea.	p = shower(s).	t = thunder.	

## 5. EXPLANATION OF CHARTS

**BAROMETER.** Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.






### CLOUD SYMBOLS




☉ Clear sky. ☉ Sky  $\frac{1}{8}$  covered. ☉ Sky  $\frac{2}{8}$  covered. ☉ Sky  $\frac{3}{8}$  covered. ☉ Sky  $\frac{4}{8}$  covered.  
☉ Sky  $\frac{5}{8}$  covered. ☉ Sky  $\frac{6}{8}$  covered. ☉ Sky  $\frac{7}{8}$  covered. ☉ Sky obscured.

### WEATHER SYMBOLS

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

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

 = Warm Front on the surface.  
 = Warm Front above the ground.  
 = Cold Front on the surface.  
 = Cold Front above the ground.  
 = Occluded Front (or Occlusion).

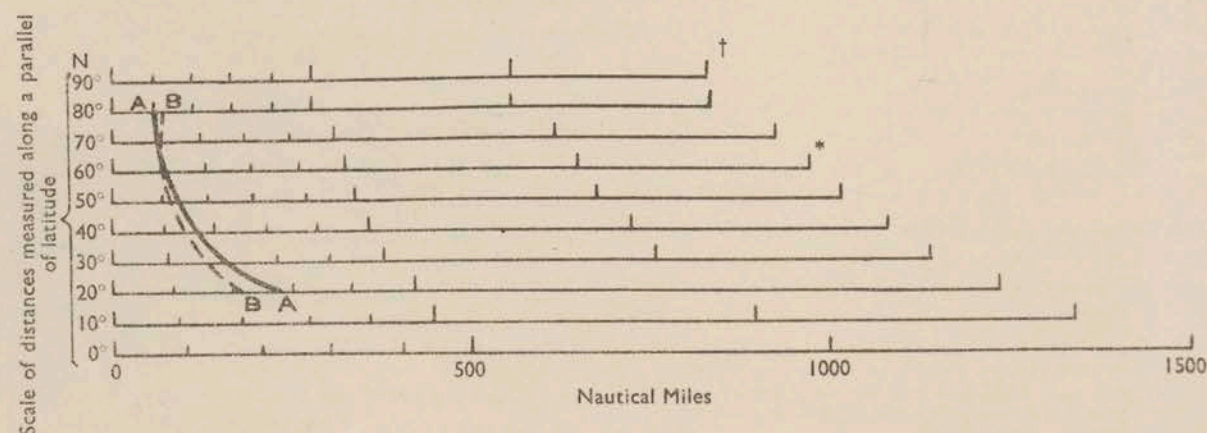
 = Warm Occlusion.  
 = Cold Occlusion.  
 = Lines of Frontogenesis.  
 Short strokes across the frontal line indicate Frontolysis.

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  $60^{\circ}\text{N}$ . 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).

\* Scale of meridian in latitude  $0^{\circ}$ – $60^{\circ}$  N. (1 : 30,000,000).



An average month, but sunnier than most. Rather warm in Scotland.

During the first week pressure was lowest in the region of south Greenland and Iceland and a westerly air stream brought fronts across the British Isles. Most of the accompanying rain was in west Scotland, northwest England and Northern Ireland, high totals being 25mm. at Aldergrove in the night of 4<sup>th</sup>/5<sup>th</sup> and 20mm. at Prestwick. On 5<sup>th</sup> a cold front intensified unexpectedly as it crossed England and gave thundery rain in southeast England, giving over half an inch of rain in parts of East Anglia. During this week the weather was rather warm generally, London Airport reaching 80° on 2<sup>nd</sup> and there was sunshine on most days.

The second week was rather changeable, with showers and sunny periods, and temperatures nearer the normal. There were occasional thunderstorms, and these became widespread on 13<sup>th</sup> and 14<sup>th</sup> with the arrival of cold air from Greenland. On the night of 14<sup>th</sup>/15<sup>th</sup> the temperature at Prestwick fell to 37° and there was slight ground frost here and there for several nights.

From 17<sup>th</sup> to 20<sup>th</sup> an anticyclone which had travelled from eastern North America moved eastwards from the Atlantic along the northern seaboard of Europe and brought several days of settled and progressively warmer weather, with temperatures a little over 70° in places by 20<sup>th</sup>, though with early morning fog and ground frost.

Unusually low pressure developed in the central north Atlantic on 18<sup>th</sup> and in the fourth week of September this complex depression drifted towards the Norwegian Sea. Fairly weak fronts crossed the British Isles, first from the west and later the northwest. A cold front produced thunderstorms in the Channel Islands and southeastern England on 22<sup>nd</sup>, where Tangmere had 12mm. of rain in 12 hours and then 17mm. From 25<sup>th</sup> an anticyclone became established off the southwest of the British Isles, and until the end of the month the country had occasional slight rain, chiefly in the north and east, with variable cloud in all areas.

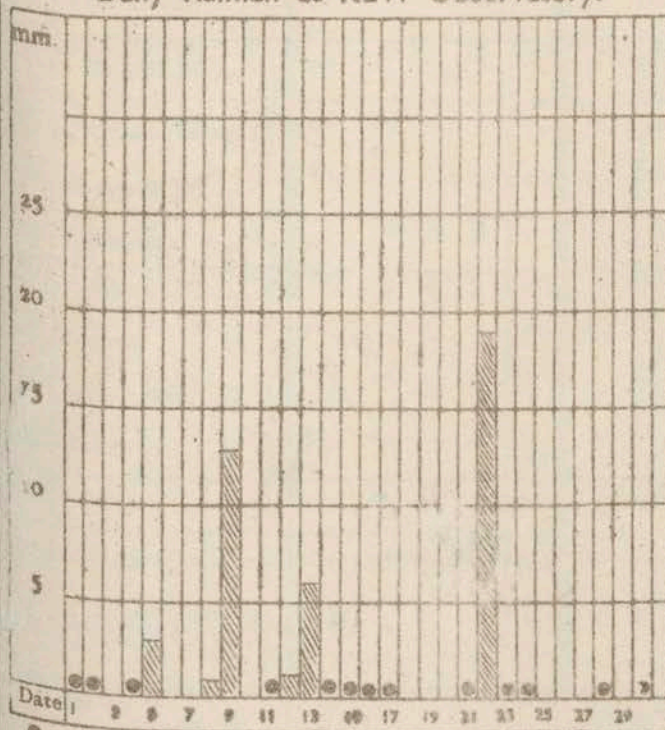
## Corrections to August Monthly Supplement.

Page 3. Waddington: - Rainfall no. of occasions to read 25, 3, 3.

Page 1. Kew: - On Sunshine graph 9<sup>th</sup> August to read 2.2 hrs.

Page 3. Aldergrove: - Sunshine no. of occasions to read 1, 13, 4, 3, 3, total for month 136 hrs diff. from average +22; total for year 1452 hrs diff. from average +16d.

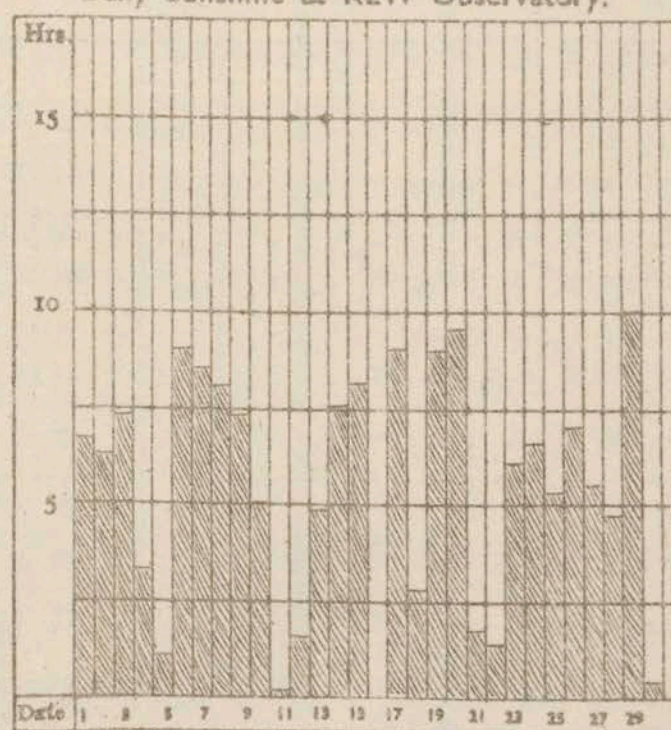
Daily Rainfall at KEW Observatory.



0 = less than 0.5 mm.

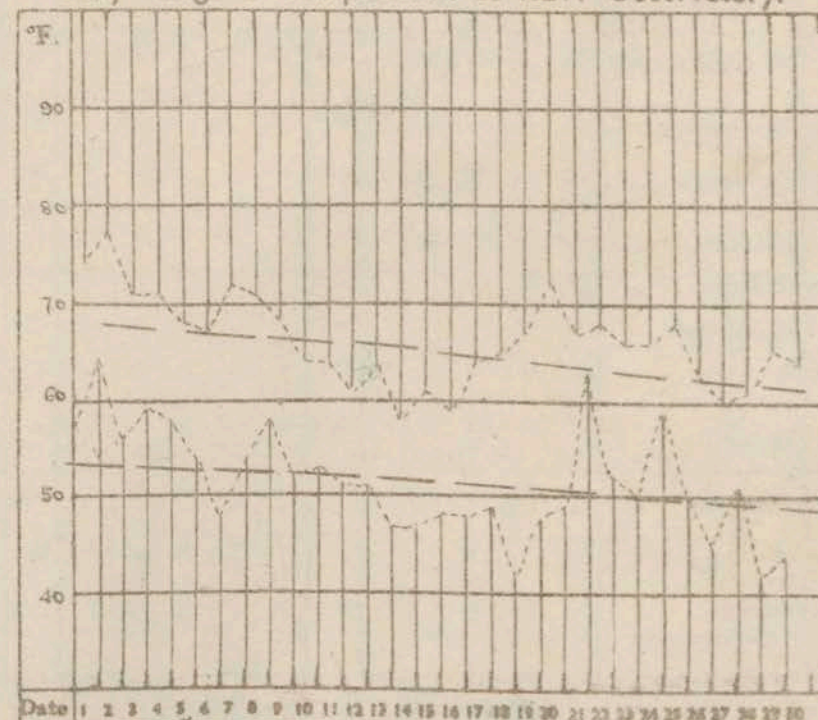
RAINFALL. Total for Month. 45 mm.  
Difference from average -5 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 166 hrs.  
Difference from average +29 hrs.

Daily Range of Temperature at KEW Observatory.



TEMPERATURE. The peaked curves indicate the maximum temperature recorded each day and the minimum temperature each night throughout the month. The chain lines show normal values.

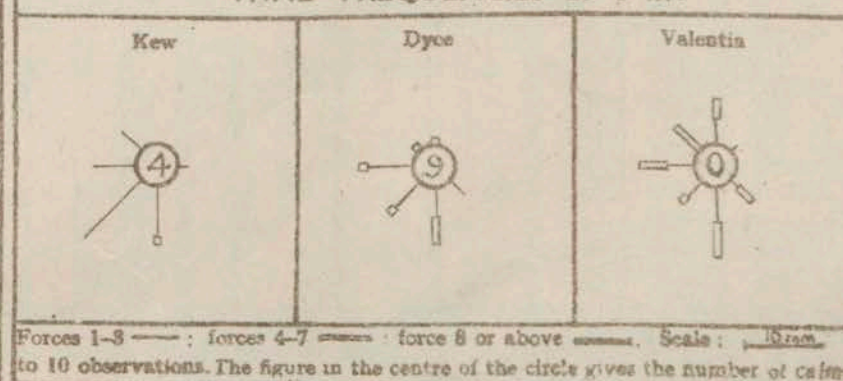
## MEAN VALUES FOR THE MONTH.

STATIONS.	PRESSURE <sup>1</sup>		TEMPERATURE					
	Mean	Difference from average	Mean	Difference from average	Mean Max.	Difference from average	Mean Min.	Difference from average
Kew	mb	mb.	°F.	°F.	°F.	°F.	°F.	°F.
	101.2	0.0	59.1	+0.3	66.2	+0.6	52.0	0.0
Dyce	1010.4	-3.5	55.2	+2.6	63.6	+4.9	46.9	+0.8
Valentia	1017.3	+1.0	59.3	+2.7	63.5	+2.3	55.0	+3.0

<sup>1</sup> Mean of the 24 hours derived from values at 9 h. and 15 h. fully corrected.

<sup>2</sup> Mean Max. + Mean Min.  
2

## WIND FREQUENCIES at 6 hr.



Forces 1-3 — ; forces 4-7 — ; force 8 or above — . Scale: 10mm to 10 observations. The figure in the centre of the circle gives the number of cases.

## "RUN" of WIND, or total displacement of air relative to the anemographs.

Kew 4819

Lerwick 11563



## SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY.

District.	STATIONS.	TEMPERATURE.														LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																			
		Number of daily readings within fixed limits.					Extremes—Warmest and Coldest.					Number of Ground Frosts.	Number of observations within fixed limits.						Number of observations within fixed limits.																						
													9 h.		15 h.		21 h.		9 h.			15 h.																			
		Maximum.					Minimum.						Below 1,000 ft.		1,000-5,000 ft.		5,000-8,000 ft.		Below 1,000 ft.		1,000-5,000 ft.		5,000-8,000 ft.		Dense fog.		Thick fog.		Fog.		Mist.		Good Visibility.								
42° to 50°	51° to 60°	61° to 70°	71° to 80°	Average Maximum.	24° to 32°	33° to 41°	42° to 50°	51° to 60°	61° to 68°	Average Minimum.	Highest Max.	Lowest Max.	Highest Min.	Lowest Min.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.											
1	London (Kew Obsy.)	0	2	21	7	0	0	1	12	15	2	52°	77°	2	58	14	62	2	4	19	0	3	19	3	3	25	1	1	8	4	0	0	1	2	13	0	0	0	0	25	
2	Croydon	0	1	18	10	1	66°	0	0	15	13	2	51°	78	1	59	14	63	2	43	29	0	2	18	2	3	26	0	3	9	2	0	0	0	0	17	0	0	0	0	27
2	Lympne																																								
3	Shoeburyness	0	0	22	8	0	66°	0	0	11	15	4	59°	77	2	60	14	63	2	42	19	0	0	16	1	0	25	0	0	13	0	0	0	0	2	20	0	0	0	0	28
3	Gorleston	0	2	23	4	1	64°	0	1	9	16	4	52°	78	2	55	14	63	2	41	15	0	1	16	5	1	25	2	1	6	8	0	0	0	0	22	0	0	0	0	29
6	Waddington Scampton (2)	0	2	18	10	0	64°	0	0	18	11	1	48°	73	2	59	14	62	2	42	20	0	2	19	0	0	27	0	0	11	2	0	0	0	0	13	0	0	0	0	27
7	Birmingham (Edgbaston)	0	4	19	8	0	63°	0	0	13	16	1	50°	74	7	57	16	62	2	45	17	0	1	20	1	0	28	0	1	12	4	0	0	1	1	15	0	0	0	0	24
7	Ross-on-Wye	0	1	18	11	0	64°	0	4	13	12	1	49°	73	2	58	14	64	2	39	19	0	2	26	0	0	30	0	0	24	0	0	0	1	0	25	0	0	0	0	30
9	Plymouth (3) (Mount Batten)	0	2	20	8	0	63°	0	0	12	15	3	53°	70	5	59	27	63	2	43	19	0	7	22	0	3	26	0	6	9	1	0	0	2	3	15	0	0	0	0	26
11	Holyhead (Valley)	0	2	27	1	0	61°	0	0	7	22	1	52°	72	7	58	14	60	21	47	16	0	6	21	0	4	23	0	1	23	0	0	0	0	0	26	0	0	0	0	25
12	Hawarden (1)	0	4	17	9	0	63°	0	2	12	15	1	49°	75	7	57	14	63	2	40	20	0	1	23	2	0	26	1	0	23	1	0	0	1	0	18	0	0	0	0	27
16	Tynemouth	0	4	24	2	0	60°	0	0	13	16	1	50°	72	6	55	15	62	2	42	14	0	0	22	1	0	25	0	0	14	0	0	0	1	3	13	0	0	1	1	22
17	Leuchars	0	8	22	3	0	61°	0	1	19	11	0	47°	79	6	58	15	57	11	41	14	0	1	26	0	0	28	0	1	20	1	0	0	0	0	29	0	0	0	0	29
21	Renfrew	0	8	18	4	0	61°	0	1	14	15	0	47°	77	7	56	27	59	2	40	15	0	3	25	0	3	27	0	0	25	1	0	0	0	1	16	0	0	1	0	22
21	Eskdalemuir	0	16	12	2	0	58°	0	6	18	6	0	43°	73	7	54	27	56	2	38	14	0	8	18	0	4	26	0	4	20	0	0	0	1	1	26	0	0	0	0	27
23	Stornoway	0	16	14	0	0	57°	0	0	17	13	0	47°	68	7	55	27	56	2	42	3	0	4	23	0	5	24	0	3	24	0	0	0	0	0	27	0	0	0	0	27
18	Dyce (4)	0	3	28	2	1	59°	0	1	22	7	0	46°	78	6	55	27	56	5	39	26	1	3	23	0	3	26	0	3	20	0	0	0	1	0	28	0	0	0	0	26
26	Aldergrove	0	8	20	2	0	60°	0	0	15	15	0	48°	72	6	57	13	58	2	44	16	0	9	21	0	1	29	0	2	24	1	0	0	0	0	28	0	0	0	0	30
	Birr Castle	0	2	24	4	0	60°	0	0	16	12	0	47°	72	6	57	13	58	2	44	15	0	0	30	0	0	30	0	1	25	1	0	0	0	0	29	0	0	0	0	30
	Valentia (Cahiriveen)	0	8	25	2	0	61°	0	0	2	25	3	52°	71	7	58	26	61	2	50	13	0	5	25	0	1	29	0	2	28	0	0	0	0	26	0	0	0	0	29	

## UPPER AIR TEMPERATURE.

											No. of records of Velocity (knots) within fixed limits.																								
Pressure.	Mean Height.	LEWIS	STON- GROVE	LEITCHES	ALDER- GROVE	LIVERPOOL	HEMSBY	CRANLEY	CARBORNE	VALENTIA	CRANLEY						HEMSBY					CARBORNE					LEWIS					Sea.			
		(20 Reports) (03)	(20 Reports) (03)	(20 Reports) (03)	(20 Reports) (03)	(20 Reports) (03)	(20 Reports) (03)	(20 Reports) (03)	(20 Reports) (03)	(20 Reports) (03)	(20 Reports) (03)	(20 Reports) (03)						(20 Reports) (03)					(20 Reports) (03)					(20 Reports) (03)							
		Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	0 to 15	16 to 30	31 to 45	46 to 60	61 to 75	> 75	0 to 15	16 to 30	31 to 45	46 to 60	61 to 75	> 75	0 to 15	16 to 30	31 to 45	46 to 60	61 to 75	> 75	0 to 15	16 to 30		31 to 45	46 to 60	61 to 75
mb.	feet.										knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	mb.	
Surf.		50.7	52.9	51.7	51.5	57.9	55.2	52.2	57.1	61.7	30	0	0	0	0	0	30	0	0	0	0	0	24	5	0	0	0	0	16	13	0	0	0	0	Sea.
900	3,240	44.5	43.9	46.1	46.9	46.1	48.5	48.4	47.3	47.3	14	16	0	0	0	0	11	18	1	0	0	0	10	17	2	0	0	0	5	20	4	0	0	0	900
800	6,390	35.6	35.5	37.8	38.7	38.3	39.6	40.2	42.4	42.0	11	19	0	0	0	0	10	20	0	0	0	0	9	18	3	3	0	0	4	20	5	0	0	0	800
700	9,878	24.7	25.9	28.0	28.3	30.5	30.7	32.3	34.1	35.5	5	24	1	0	0	0	7	22	1	0	0	0	5	20	4	0	0	0	6	16	4	1	0	0	700
600	13,792	12.2	13.4	15.8	16.9	18.3	18.8	20.0	22.8	24.4	5	22	3	0	0	0	5	17	8	0	0	0	4	16	8	1	0	0	3	16	3	1	0	0	600
500	18,278	-4.4	-2.4	0.0	0.0	0.6	0.2	0.4	0.5	0.9	4	16	9	1	0	0	7	12	11	0	0	0	3	13	10	2	0	1	4	11	12	2	0	0	500
400	23,561	-14.3	-12.8	-20.1	-19.0	-18.3	-18.4	-16.6	-14.3	-11.4	4	11	13	1	1	0	5	11	10	3	1	0	2	10	12	1	2	1	1	10	11	6	1	0	400
300	30,049	-48.6	-46.7	-45.5	-45.0	-44.2	-45.3	-43.8	-41.7	-38.5	3	8	9	8	2	0	4	7	10	5	3	1	3	5	13	4	2	2	2	9	7	7	1	3	300
200	38,640	-60.4	-60.6	-65.3	-65.6	-69.1	-68.4	-70.4	-70.4	-54.5	1	8	13	4	2	2	1	12	10	4	2	1	4	5	9	6	2	3	2	11	7	7	0	2	200

† The readings used are the maximum for the period 09h-21h and the minimum for the period 21h-09h. British station averages for temperature and sunshine are based on data for the years 1921-1950. Birr Castle and Valentia averages are for period 07 18h and 18-07h. Rainfall averages in all cases are based on data covering at least 10 years (see M.O. 364).

METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON W.C.2.  
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director.



# SUNSHINE, RAINFALL, AND HUMIDITY

SEPTEMBER

1955

Page 3.

District.	STATIONS.	SUNSHINE.												RAINFALL.														Days with Thunder.	Days with Snow or Sleet.							
		Number of Days with Duration.					Maximum Duration.		Total for past 12 months Difference from average	Total for Month. Difference from average	Highest and Lowest Totals on record for Month.				†Number of days with amount.	Maximum fall in 24 hours	Total for past 12 months. Difference from average.	Total for Month.†† Difference from average	Highest and Lowest Totals on record for Month.																	
		Nil.	0.1—3h.	3.1—6h.	6.1—9h.	Above 9h.	Hours.	Date.			First year of record.	Highest. Year.	Lowest. Year.	0, trace or 0.1 mm. 0.2—1 mm. 1.1—5 mm. 5.1—15 mm. 15.1—25 mm. Above 25 mm.					mm. Date.	Total for past 12 months. Difference from average.	Total for Month.†† Difference from average	First year of record.	Highest. Year.	Lowest. Year.												
1	London (Kew Obs.)	1	7	6	11	5	10.0	29	1665	+205	166	+29	1880	124	1911	56	1945	19	6	2	2	1	0	19	22	514	-92	45	-03	1856	145	1918	4	1929	5	0
2	Croydon	0	8	11	6	5	10.8	7	1548	+20	156	+13	1922	205	1928	69	1945	21	4	4	0	0	1	33	22	602	-77	46	-04	1921	124	1927	4	1929	5	0
2	Lympne												1921																							
3	Shoeburyness	1	8	5	9	7	11.2	6	1727	+57	171	+16		257	1928	86	1948	19	6	4	1	0	1	29	22	547	+44	49	+07	1920	109	1951	5	1941	4	0
3	Gorleston	1	7	9	8	5	11.8	6	1643	+27	170	+33	1908	222	1928	109	1932	22	5	1	2	0	0	8	22	527	-95	26	-24	1871	143	1930	4	1896	5	0
6	Waddington	0	11	7	9	3	11.3	7			158	+38	1921	186	1933	77	1941	19	4	4	3	0	0	11	12			38	-07	1917	126	1935	12	1928	2	0
7	Birmingham (Edgbaston)	0	9	7	11	3	10.3	19	1575	+73	148	+14	1887	216	1895	67	1909 1945	17	3	3	2	0	0	10	13	811	+127	35	-11	1893	165	1918	12	1895	1	0
7	Ross-on-Wye	0	8	10	10	2	11.7	6	1591	+125	157	+04	1915	205	1929	69	1945	21	4	3	2	0	0	12	4	797	+79	27	-22	1859	174	1876	2	1865	2	0
9	Plymouth (3) (Mount Batten)	0	8	11	5	6	11.3	6	1838	+181	161	+08	1921	229	1929	92	1951	14	4	9	3	0	0	9	4	953	+44	48	-16	1898	203	1918	10	1929	0	0
11	Holyhead (Valley)	1	9	5	11	5	11.4	7	1858	+267	177	+28	1914	209	1933	104	1946	15	4	6	5	0	0	8	4	858	+11	54	-14	1871	188	1918	7	1894	1	0
12	Hawarden (8)	0	8	6	15	1	9.8	20	1644	+281	157	+32	1883	174	1933	80	1936	18	4	4	3	1	0	21	14	757	+115	56	+04	1922	119	1935	9	1941	1	0
16	Tynemouth	2	7	9	9	3	11.2	6	1527	+210	148	+29	1895					18	6	6	0	0	0	4	4	575	-46	21	-25	1915	154	1944	18	1941	0	0
17	Leuchars	1	10	3	12	4	11.7	7	1709	+239	167	+31	1922	172	1942	82	1946	15	6	6	0	0	0	4	1	583	-70	24	-25	1922	149	1950	13	1929	0	0
21	Renfrew	2	9	9	10	1	9.7	28	1530	+325	132	+18	1921	152	1928	69	1946	10	4	10	5	1	0	17	22	958	+49	88	+22	1921	208	1950	16	1933	1	0
21	Eskdalemuir	4	10	7	8	1	10.7	7	1464	+275	115	+16	1910	153	1933	55	1946	7	6	9	7	1	0	7	1	1600	+171	118	+18	1910	303	1950	25	1910	1	0
23	Stornoway	2	11	12	4	1	9.2	11	1419	+103	100	-07	1881	175	1903	73	1887	6	3	15	5	1	0	15	10	1006	-195	105	+04	1870	201	1900	12	1884	0	0
18	Dyce(4)...	2	8	6	7	7	11.3	3	1664	+303	163	+27	1881	199	1906	57	1861	7	6	5	1	1	0	23	9	761	-52	48	-20	1871	162	1927	14	1894 1941	1	0
26	Aldergrove	0	12	9	5	4	11.3	7	1470	+182	129	+17	1927	175	1933	79	1946	11	4	7	7	1	0	25	4	996	+158	115	+52	1926	152	1950	13	1933	1	0
	Birr Castle §	1	9	8	11	2	11.5	7	1585	+279	158	+39	1881	162	1895	60	1946	10	9	5	4	2	0	21	21	828	+61	89	+31	1862	172	1924	8	1894	0	0
	Valentia § (Cahirciveen)	3	8	11	6	1	9.2	7	1579	+211	157	-20	1880	205	1933	71	1950	8	4	13	4	0	1	32	21	1345	+66	111	+00	1866	253	1875	24	1909	0	0

§ Rainfall at Valentia & Birr Castle, measured at 03 & 18h.

§ Birr Castle at Valentia & Birr Castle, measured at 05 & 18h.

## MINIMUM SURFACE HUMIDITY.

No. OF DAYS (MOY. TO MDT.) WITH MINIMA BETWEEN FIXED LIMITS.

STATIONS.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %
London (Kew) ...	0	0	0	3	4	11	12	0	0	0
Ross-on-Wye ...	0	0	0	1	6	18	5	0	0	0
Plymouth (Mount Batten)	0	0	3	8	4	12	3	0	0	0
Renfrew ...	0	0	3	7	15	3	2	0	0	0
Eskdalemuir ...	0	2	5	5	14	4	0	0	0	0
Dyce ...	0	0	2	2	9	3	6	2	0	0
Valentia ...	0	1	6	9	12	3	0	0	0	0

## STATE OF GROUND AT 21 h

No. OF DAYS EACH TYPE WAS RECORDED.

STATIONS.	0	1	2	3	4	5	6	7	8	9
London (Kew) ...	12	17	1	0	0	0	0	0	0	0
Ross-on-Wye ...	23	7	0	0	0	0	0	0	0	0
Renfrew ...	6	23	1	0	0	0	0	0	0	0
Eskdalemuir ...	0	30	0	0	0	0	0	0	0	0
Dyce ...	19	10	1	0	0	0	0	0	0	0
Valentia ...	4	26	0	0	0	0	0	0	0	0

## CODE for State of Ground.

0 = Surface of ground dry (no appreciable amount of frost or loose soil).  
 1 = Surface of ground moist.  
 2 = Surface of ground wet (standing water in small or large pools on surface).  
 3 = Surface of ground dry and frozen (not covered by ice or snow).  
 4 = Glass on ground but no slush or snow.  
 5 = Ice, slush or snow covering less than one-half of ground.  
 6 = Ice, slush, or firm or settled snow covering more than one-half of ground (but not completely).  
 7 = Ice, slush, or firm or settled snow covering ground completely.  
 8 = Loose dry snow covering more than one-half surface (but not completely).  
 9 = Loose dry snow covering surface completely.\*

\* The definitions for code figures 0 to 4 apply to representative bare ground and for code figures 5 to 9 to an open representative area. During the occurrence of hoar frost or dew the state of the ground is determined as though these were absent.

\* Code figures 8 and 9 may be used to indicate frost or snow sand on the surface of the ground in the proportions indicated.

† Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1

- (1) Averages computed from values for Sealand 1921-43 and Hawarden 1944-50; extremes are for Sealand.  
 (2) Averages and extremes are those for Cranwell about 25 miles South south east of Scampton.  
 (3) Extremes for sunshine and averages and extremes for rainfall are supplemented by those for Plymouth Hoe.  
 (4) Averages computed from values for Dyce, Craibstone and Aberdeen; extremes are for Aberdeen.



ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



\* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 0h., 6h., 12h. and 18h. are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 65° N., Long 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue.....Thursday...1<sup>st</sup>...September.....1955

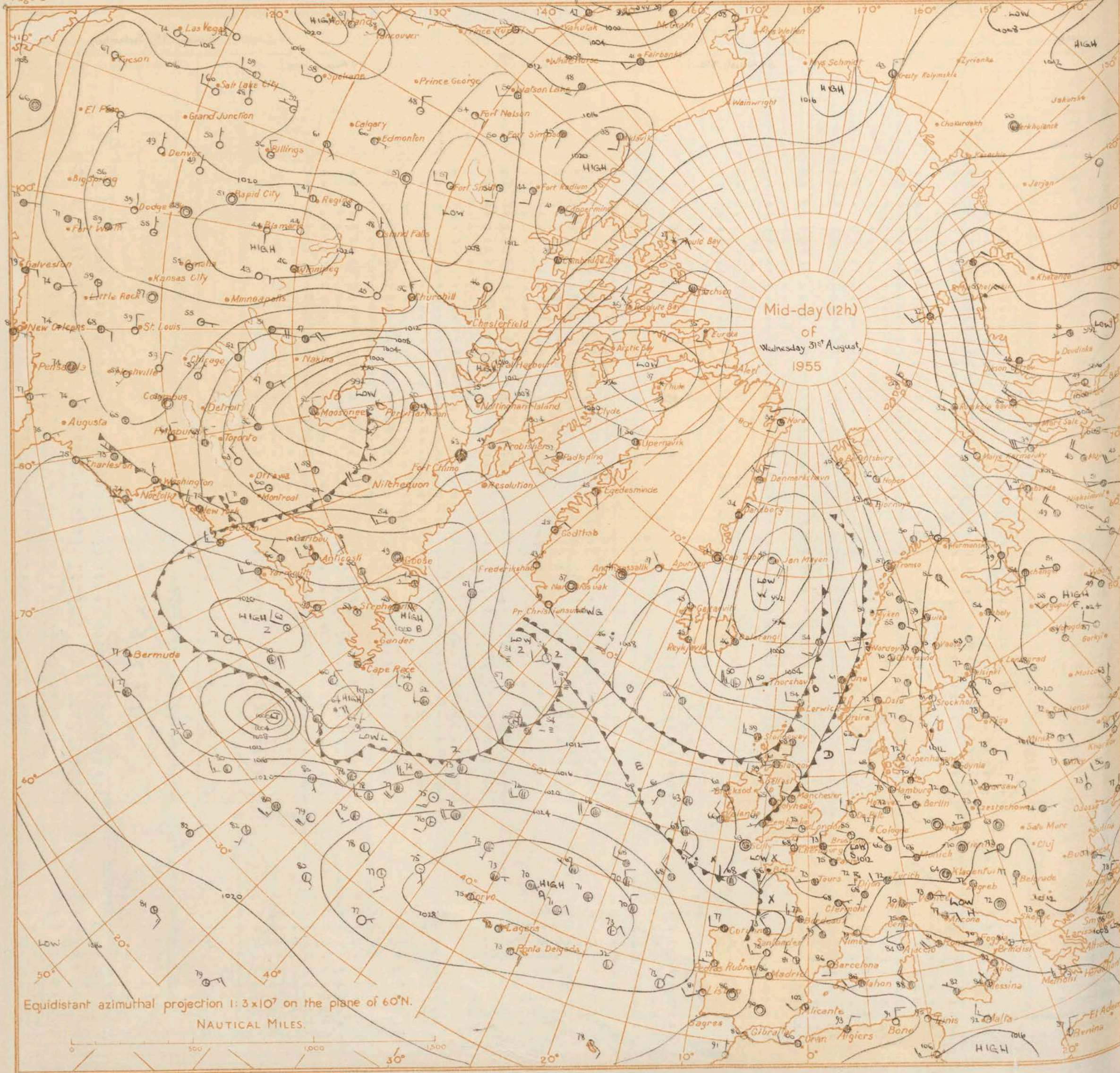
All times of observation printed in this publication are GREENWICH MEAN TIME

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.



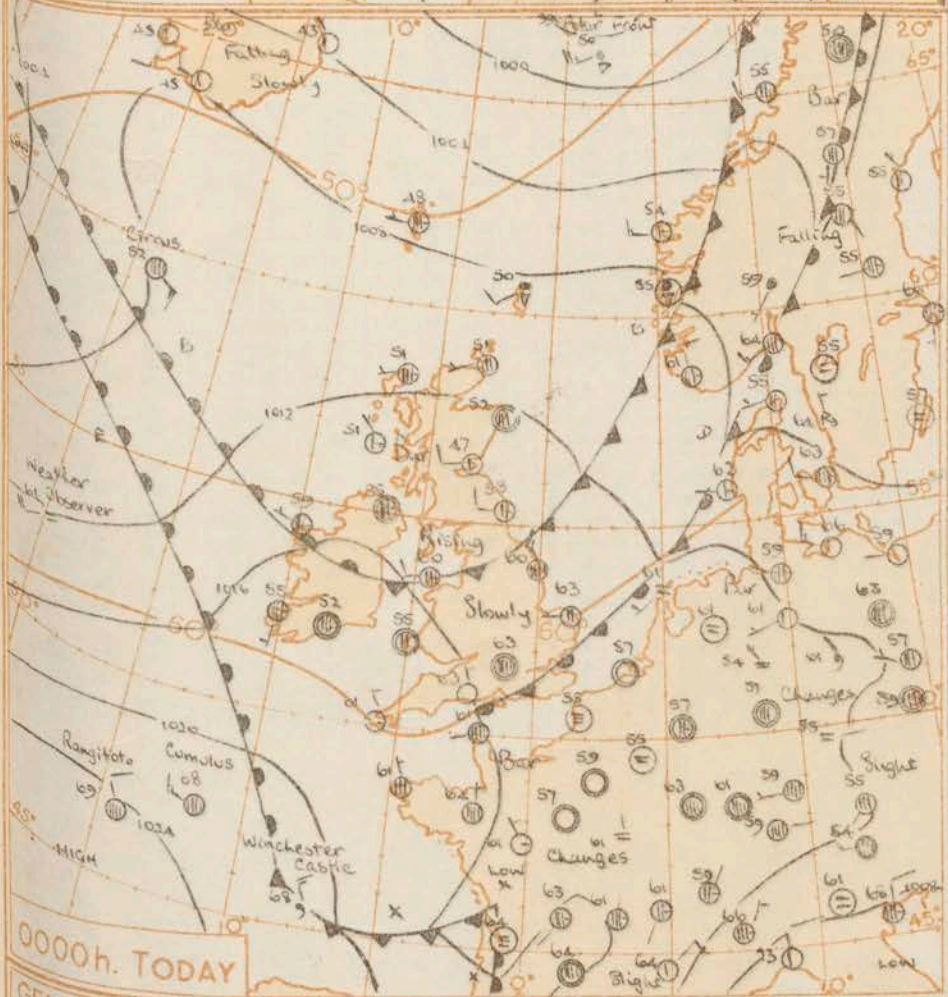
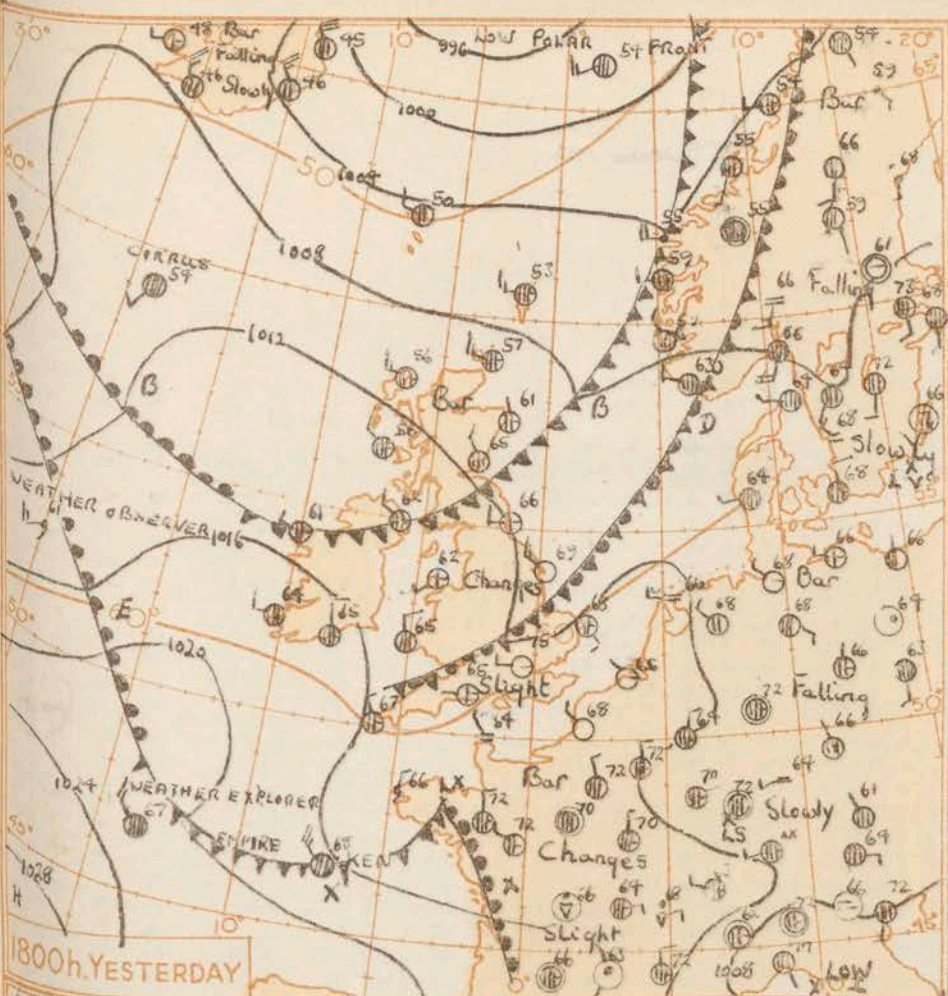
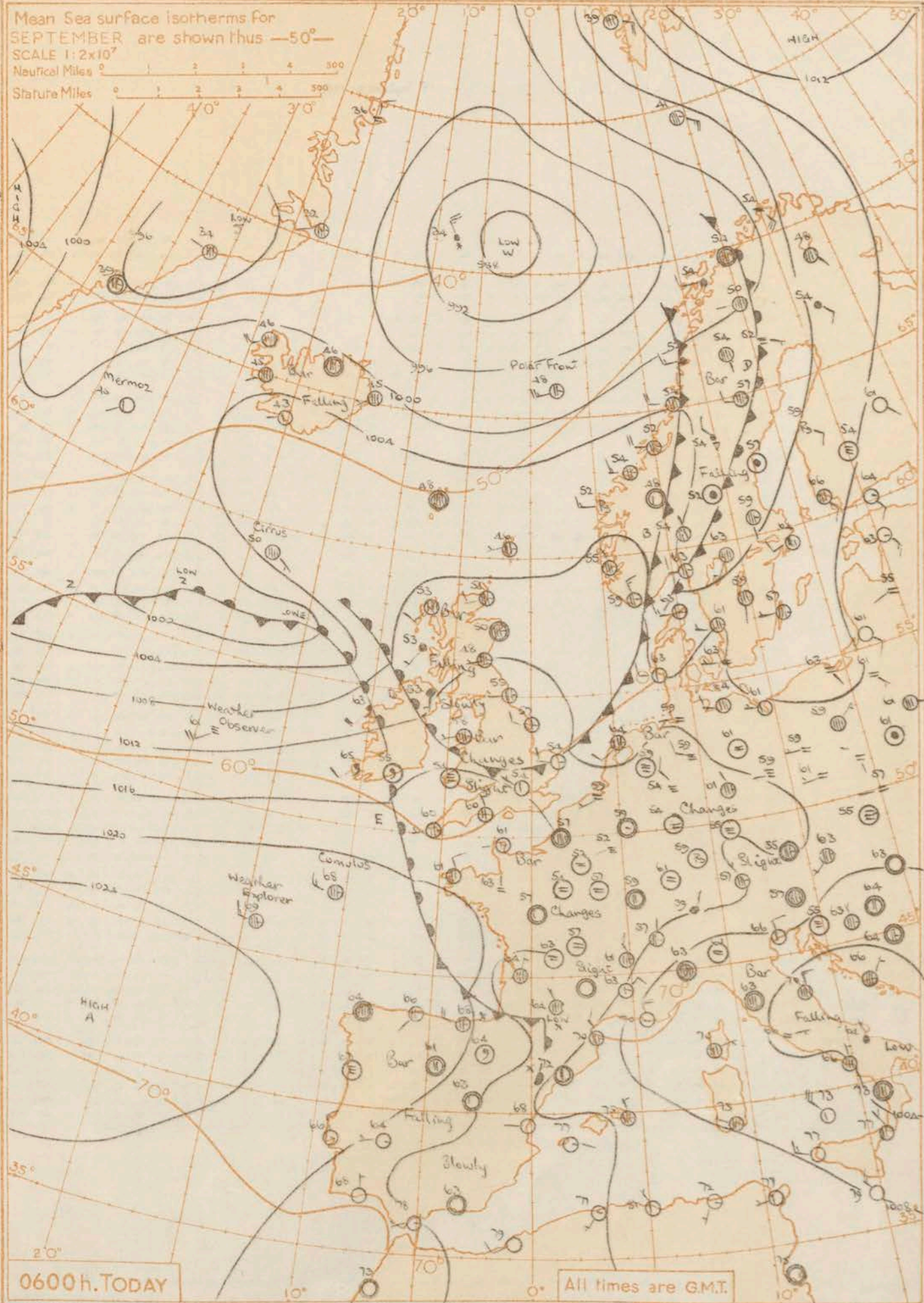
# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Equidistant azimuthal projection 1:3 x 10<sup>7</sup> on the plane of 60°N.  
NAUTICAL MILES.



Mean Sea surface isotherms for SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



**GENERAL SYNOPTIC DEVELOPMENT**  
The fronts moving south east across the British Isles have now died out and a weak ridge of high pressure has moved east across the country. A warm front associated with a depression centred about 600 miles west of Scotland has reached Ireland and will move north east across all districts of the British Isles.

Issued at midday today 1<sup>st</sup> September 1955

**FORECAST FOR BRITISH ISLES until noon tomorrow**  
Weather will be dry at first over eastern and southern districts with some sunny intervals, but cloudy weather with some rain or drizzle will spread from the west to most parts of the British Isles. In southern districts, however, rainfall amounts will be small. It will be mainly rather warm, and it will become close in many districts.

**OUTLOOK FOR the following 24 hours**  
Rain at times in the north. Probably mainly dry in the south, but some drizzle in western coastal districts.



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue.....1955

OBSERVATIONS at 00h. G.M.T. 1st September, 1955																									OBSERVATIONS at 06h. G.M.T. 1st September, 1955																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Code FM 11.A	Station	Station Number	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Dew Point Temp.		Bar		Cloud Layers		Total Cloud	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Dew Point Temp.		Bar		Cloud Layers		Weather		Temp.		Rain 24h. to 09h. m. m.	State of Ground 09h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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	London Airport	772	5	00	00	59	03	2	153	6.5	8	0	9	1	-	56	2	13	8	4	65						2	30	64	36	61	2	156	54	1	0	9	3	1	52	2	0	1	3	60			54	49																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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## 00h. Ships Reports

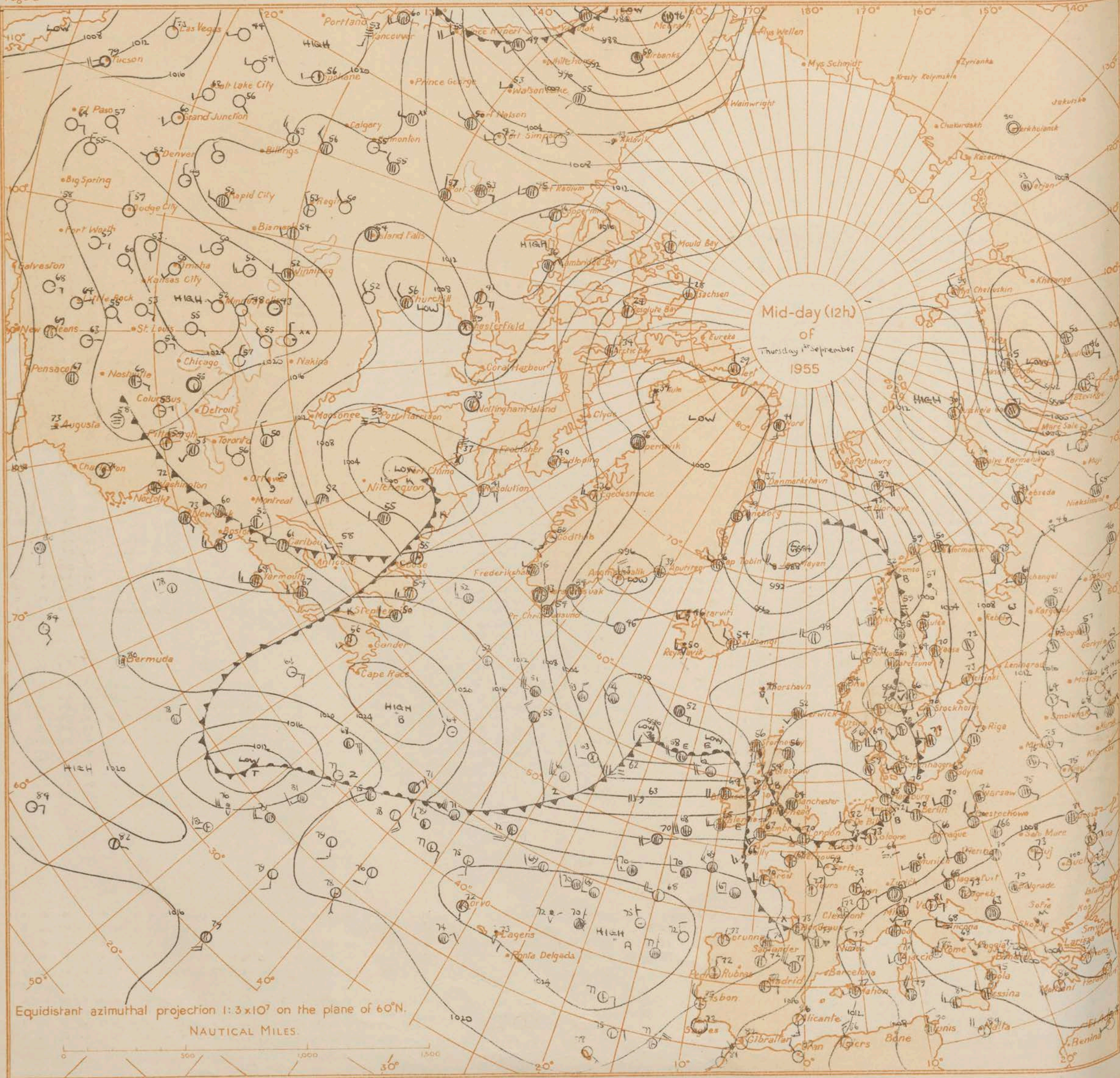
Code FM 21.A	Ship	LAT.	LONG.	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar.	Temp.	Waves					
Total Cloud				Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
LtLgt	LoLo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	
CIRRUS	590	189	8	13	13	70	02	2	075	82	4	5	5	2	-	0	0	7	34	52	45	33	5	4
WEATHER OBSERVER	525	196	8	24	20	95	10	5	124	61	8	9	3	-	-	0	0	8	08	01	61	24	3	3
POLAR FRONT	660	020E	6	25	23	93	81	8	970	50	4	9	4	6	-	8	4	7	19	34	45	24	3	3
GLoucester City	529	190	9	27	18	95	48	4	110	63	9	-	-	-	-	6	5	7	10	00	63	27	3	4
MErMOZ	623	231	7	16	10	60	03	8	084	48	1	5	5	-	-	0	0	4	00	00	45	17	4	3
U.S. SHIP "C"	518	355	7	17	17	65	02	6	080	55	8	5	4	-	-	0	0	3	67	03	52	27	2	3
U.S. SHIP "D"	440	410	8	23	25	69	02	2	201	74	0	0	9	7	8	0	0	2	02	05	11	22	3	5
CUMULUS	473	117	8	30	14	70	02	2	230	68	8	5	5	-	-	1	4	4	01	51	64	30	4	6
RANGITOTO	467	144	8	33	09	99	02	2	251	69	8	5	5	-	-	1	6	8	04	01	66	23	2	2
WENCHESTER CASTLE	452	077	6	35	13	98	00	2	216	65	6	4	6	-	-	1	6	4	00	34	65	35	-	-





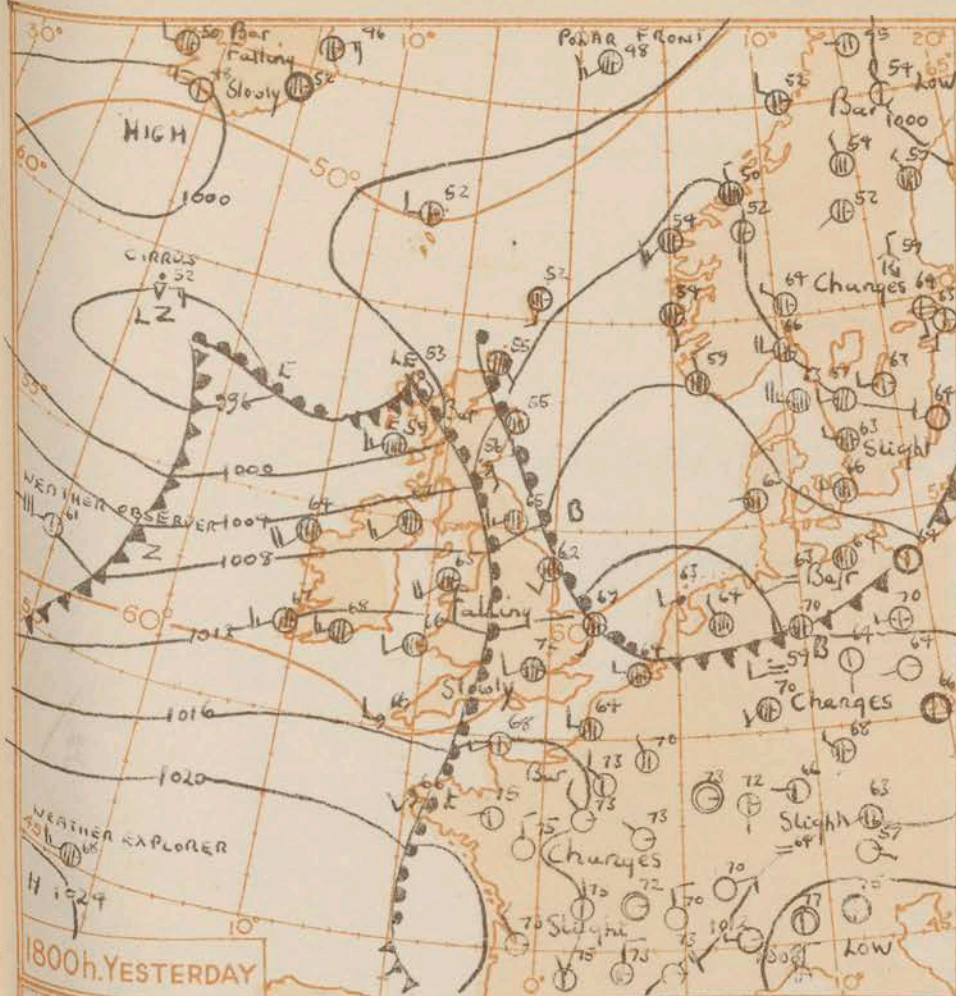


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

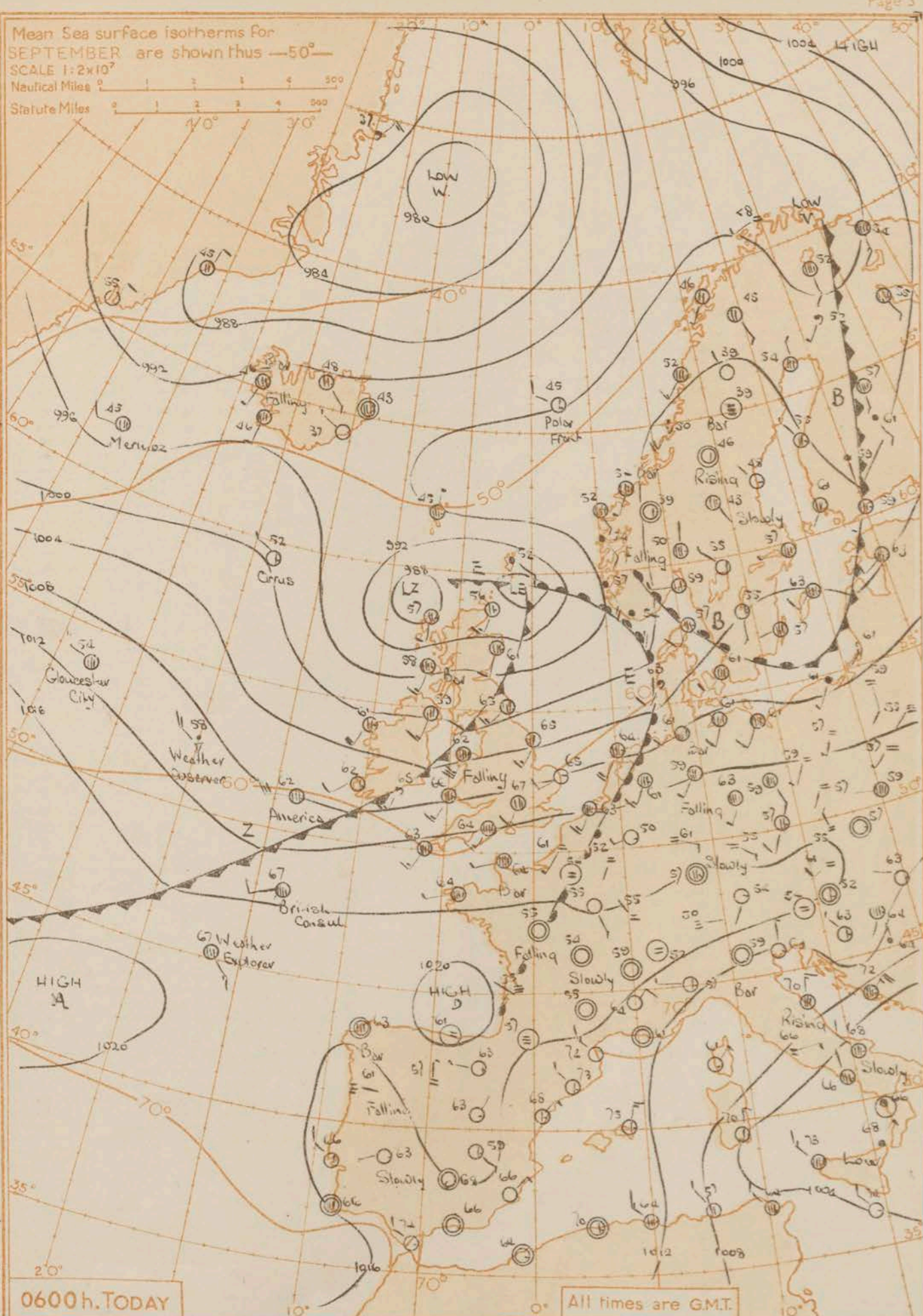


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Mean Sea surface isotherms for  
SEPTEMBER are shown thus -50°  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



0000h. TODAY

### GENERAL SYNOPTIC DEVELOPMENT

A depression moving east north east from the Atlantic has reached north Scotland and will continue east north east and its cold front will cover the British Isles. A rather flat ridge of high pressure will follow the cold front trough eastwards across the British Isles.

Issued at mid-day today 2<sup>nd</sup> September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

In north Scotland dull rainy weather will give way to bright intervals and occasional showers which will affect the rest of Scotland and Northern Ireland. While there will be bright intervals in south and east of England and it will be rather warm at first, a belt of cloudy weather with rain at times heavy in places, will move south east from north England and Wales to affect most areas. This will be followed by brighter weather though this may not reach the south east until early tomorrow and showers will occur in the south east and south west.

### OUTLOOK FOR the following 24 hours.

Dry at first with bright periods, but further rain likely to spread eastwards from the Atlantic on Sunday.



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. ....

Date of Issue.....1955

OBSERVATIONS at 00h. G.M.T. 2nd September 1955																										OBSERVATIONS at 06h. G.M.T. 2nd September 1955																										OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Code F M 11.A		Station	Station Number	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Dew Point Temp.	Bar		Cloud Layers					Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Dew Point Temp.	Bar		Cloud Layers					Weather	Temp.		Rain 24h to 09h. m.	State of ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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\* From ob. only.

## 00h. Ships Reports

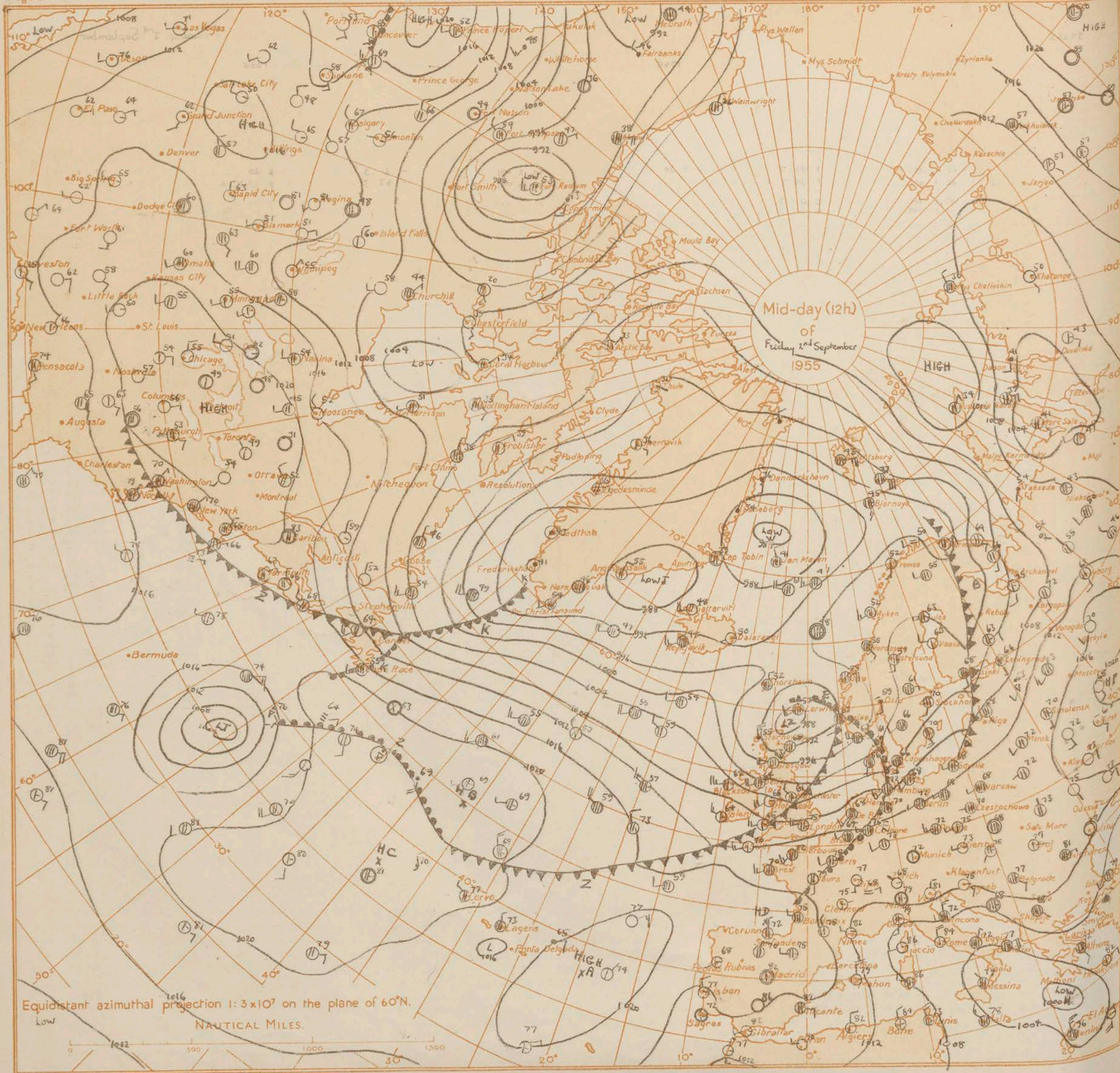
Code F M 21.A				Wind		Weather				Cloud				Course		Bar.		Temp.		Waves				
Ship	LAT.	LONG.	Total Cloud	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character & Change in 3 hours	Sea	Dew Point	Direction	Period	Height	
	Lat	Long	N	dd	ft	vv	ww	W	PPP	TT	Nh	CL	H	CM	CH	Ds	Ys	a	ps	TsTn	TdTd	dwdw	Pw	Hw
CIRRUS	390	192	7	05	14	65	25	8	987	54	7	9	4	0	0	2	1	1	13	52	46	07	4	2
WEATHER OBSERVER	524	200	6	28	30	98	15	8	972	59	5	8	4	3	-	0	0	2	05	52	54	25	4	7
POLAR FRONT	660	020E	5	23	23	99	02	2	955	48	2	5	5	5	-	0	0	7	19	53	39	26	3	4
WEATHER EXPLORER	453	162	7	25	18	98	02	2	209	68	7	8	6	-	0	0	0	8	09	51	57	27	3	2
MERMOZ	625	327	2	26	21	65	02	1	949	48	2	5	4	0	0	0	0	01	00	45	25	3	3	
U.S. SHIP "C"	528	355	7	27	15	69	02	2	168	53	6	-	3	2	-	0	0	0	03	01	48	27	3	4
U.S. SHIP "D"	440	410	8	09	17	65	02	8	234	68	6	2	5	7	-	0	0	1	03	03	65	25	4	6
RATHLIN HEAD	564	262	8	32	15	96	52	5	038	55	8	5	-	-	-	2	5	1	05	00	53	32	-	-
TAGARISTAN	503	007	8	25	16	15	05	2	149	59	8	6	6	-	-	1	4	7	10	56	44	49	-	0
GLoucester CITY	538	262	6	28	24	96	60	1	921	54	6	7	-	-	-	6	4	2	20	54	50	28	4	5







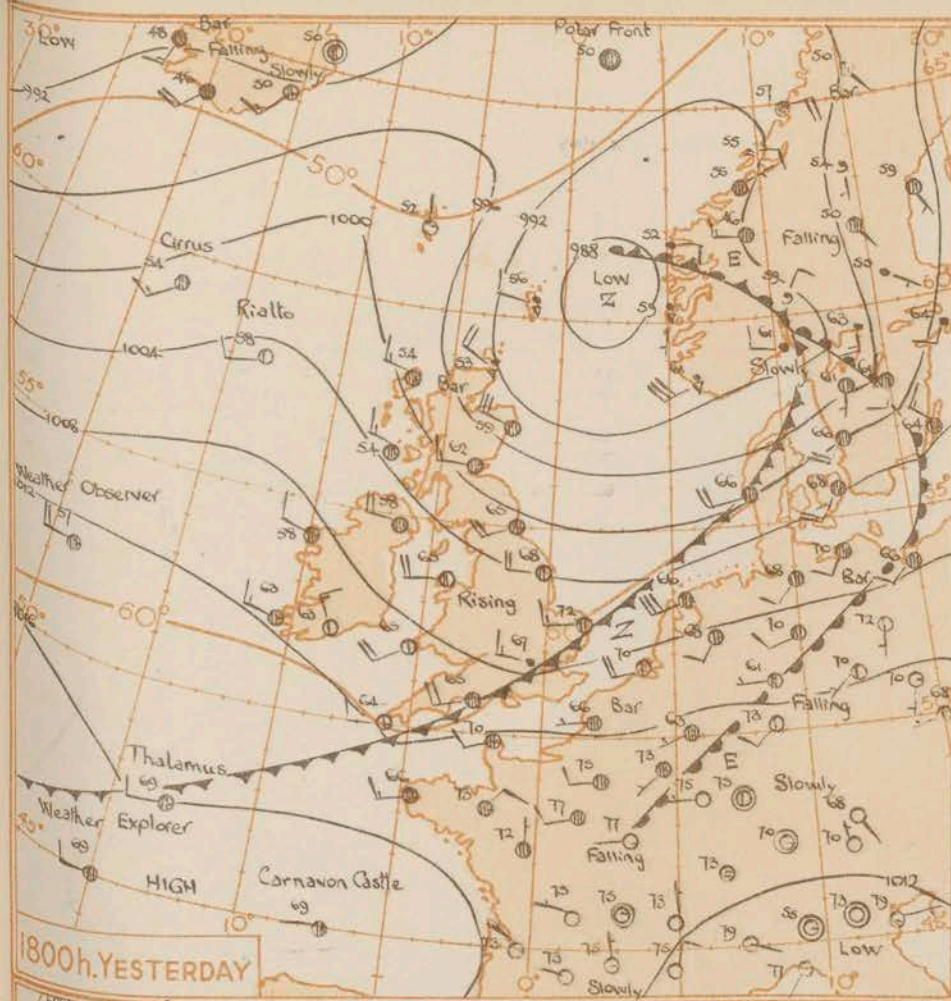
# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



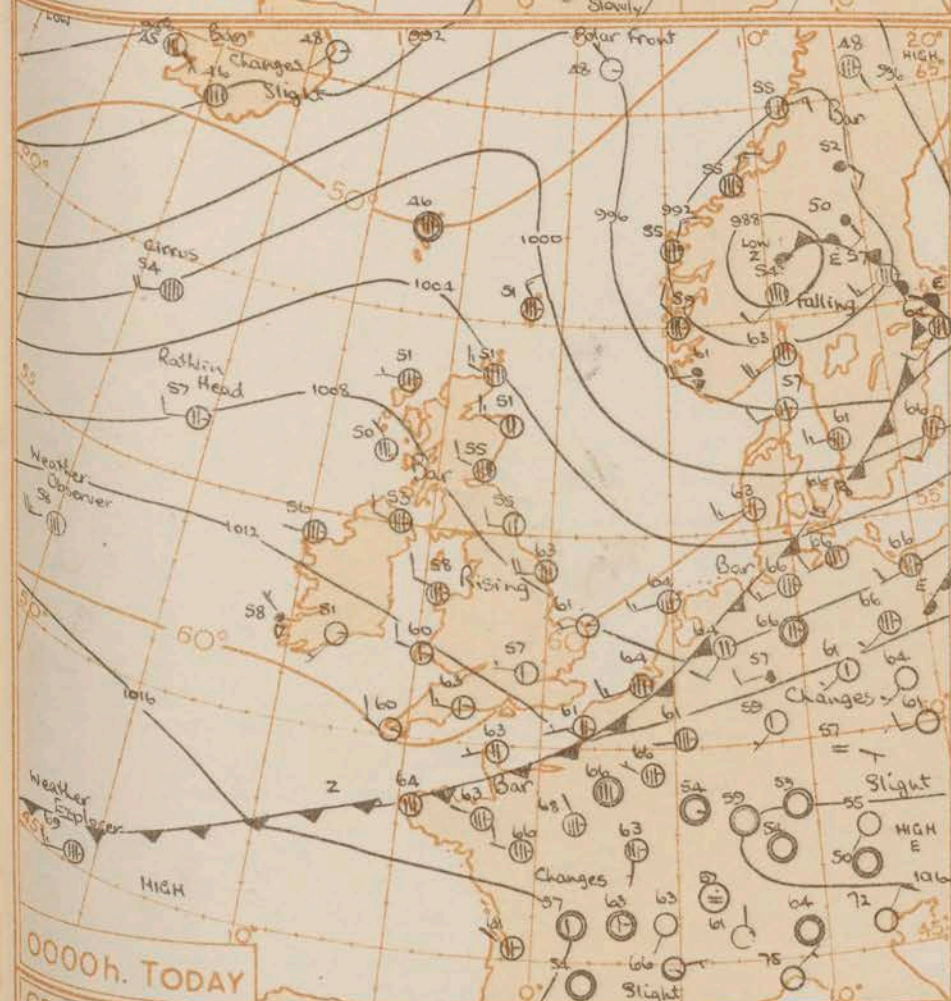
Equidistant azimuthal projection 1:3 x 10<sup>7</sup> on the plane of 60°N.  
NAUTICAL MILES.



Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



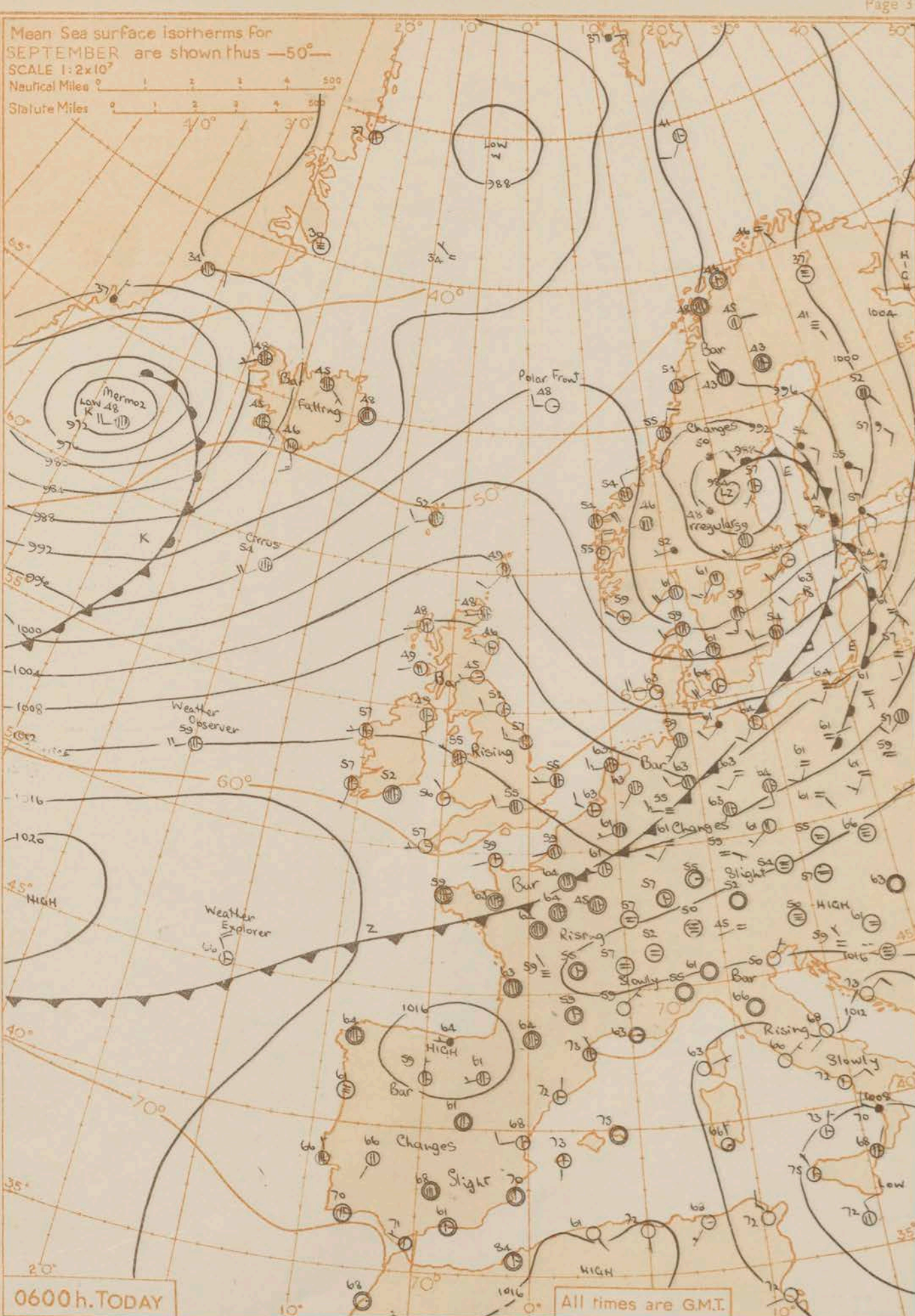
1800h. YESTERDAY



0000h. TODAY

## GENERAL SYNOPTIC DEVELOPMENT

A depression north of Scotland yesterday has moved away eastward while another has deepened moving northeast over the Atlantic towards Iceland. A weak ridge of high pressure will cross the British Isles today and it will be followed from the west by the frontal trough of the Iceland low.



0600h. TODAY

All times are G.M.T.

Issued at mid-day today Saturday 3rd September, 1955

## FORECAST FOR BRITISH ISLES until noon tomorrow

Today weather will be dry in eastern and southern areas and there will be sunny intervals. Cloudy weather will predominate in northwestern areas though at first there will be bright intervals. Occasional rain spreading from the Atlantic will reach these areas later today and will probably extend to other areas of the British Isles tomorrow though amount of rain is likely to be small. Temperatures will be near normal.

## OUTLOOK FOR the following 24 hours:-

Showers in northern areas. A little rain at first in places in the south otherwise dry with bright intervals.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

[illegible]

00h. Ships Reports																														06h. Ships Reports																													
Code FM 21.A		LAT.	LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.	Temp.	Waves		Ship	LAT.	LONG.	Total Cloud		Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.	Temp.	Waves																
Ship	Direction			Speed	Visibility	Present	Past	Amount	Low			Height	Medium	High	Direction	Speed	Character & Change in 3 hours	Sea			Dew Point	Direction				Period	Height	Direction	Speed	Character & Change in 3 hours	Sea			Dew Point	Direction	Period	Height	Direction	Speed	Character & Change in 3 hours			Sea	Dew Point	Direction	Period	Height												
	Lat	Lon	N	dd	M	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw		Lat	Lon	N	dd	M	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw								
WEATHER OBSERVER	525	200	6	25	24	98	01	2	133	58	6	8	5	-	-	0	0	8	01	62	50	26	3	5		WEATHER OBSERVER	525	200	7	22	22	98	25	1	054	59	5	2	5	7	-	0	0	7	15	52	53	25	3	5									
CIRUS	590	198	8	24	19	60	25	2	989	54	8	5	4	-	-	5	1	8	05	51	46	21	4	5		CIRUS	589	190	7	22	20	65	02	8	545	54	7	2	4	0	0	5	1	5	20	50	50	21	4	5									
POLAR FRONT	660	020E	1	32	01	54	01	0	958	48	1	5	5	0	0	0	0	3	08	55	35	45	X	1		POLAR FRONT	660	020E	1	27	10	54	02	0	968	48	1	5	5	0	1	0	0	2	06	54	26	4	5										
WEATHER EXPLORER	452	156	7	23	13	58	02	8	181	65	7	8	5	-	-	0	0	8	02	51	63	25	5	3		WEATHER EXPLORER	452	157	3	31	08	58	01	1	165	66	3	2	5	0	0	0	6	02	53	63	26	4	5										
HERMOL	621	330	8	14	24	50	52	6	775	48	8	6	1	-	-	0	0	7	50	01	48	20	4	5		HERMOL	622	328	8	23	20	58	02	6	700	48	8	6	1	-	-	0	0	7	30	50	45	21	4	5									
U.S.SHIP "C"	528	355	8	23	26	63	80	2	663	56	8	2	4	-	-	0	0	7	50	04	53	23	5	6		U.S.SHIP "C"	528	355	8	23	30	63	02	8	065	57	8	4	3	-	-	0	0	2	10	05	52	26	4	5									
U.S.SHIP "D"	440	410	1	23	15	69	01	1	211	73	1	0	5	4	0	0	0	1	03	02	71	22	3	4		U.S.SHIP "D"	440	410	5	23	15	69	03	1	205	73	5	1	3	0	0	0	0	7	05	02	71	23	3	6									
AMERICA	501	250	8	26	10	54	02	2	163	60	8	4	3	-	-	6	8	2	14	53	43	26	3	5		AMERICA	495	284	7	23	30	54	02	1	134	62	1	7	4	-	-	6	8	7	10	01	54	23	3	3									
RATHIN HEAD	562	152	5	26	10	58	02	2	080	57	4	4	-	-	-	2	5	8	05	51	53	25	X	X		GLASGOW	587	029	7	31	12	98	15	2	036	56	6	7	5	3	-	3	6	7	07	52	48	26	3	3									
RAIGUMI	489	302	7	55	03	59	02	2	210	64	7	5	5	-	-	1	5	4	00	54	51	45	X	X		CENTAUR	565	066	4	26	01	58	01	2	050	60	3	2	5	-	-	1	3	3	00	02	58	23	2	0									

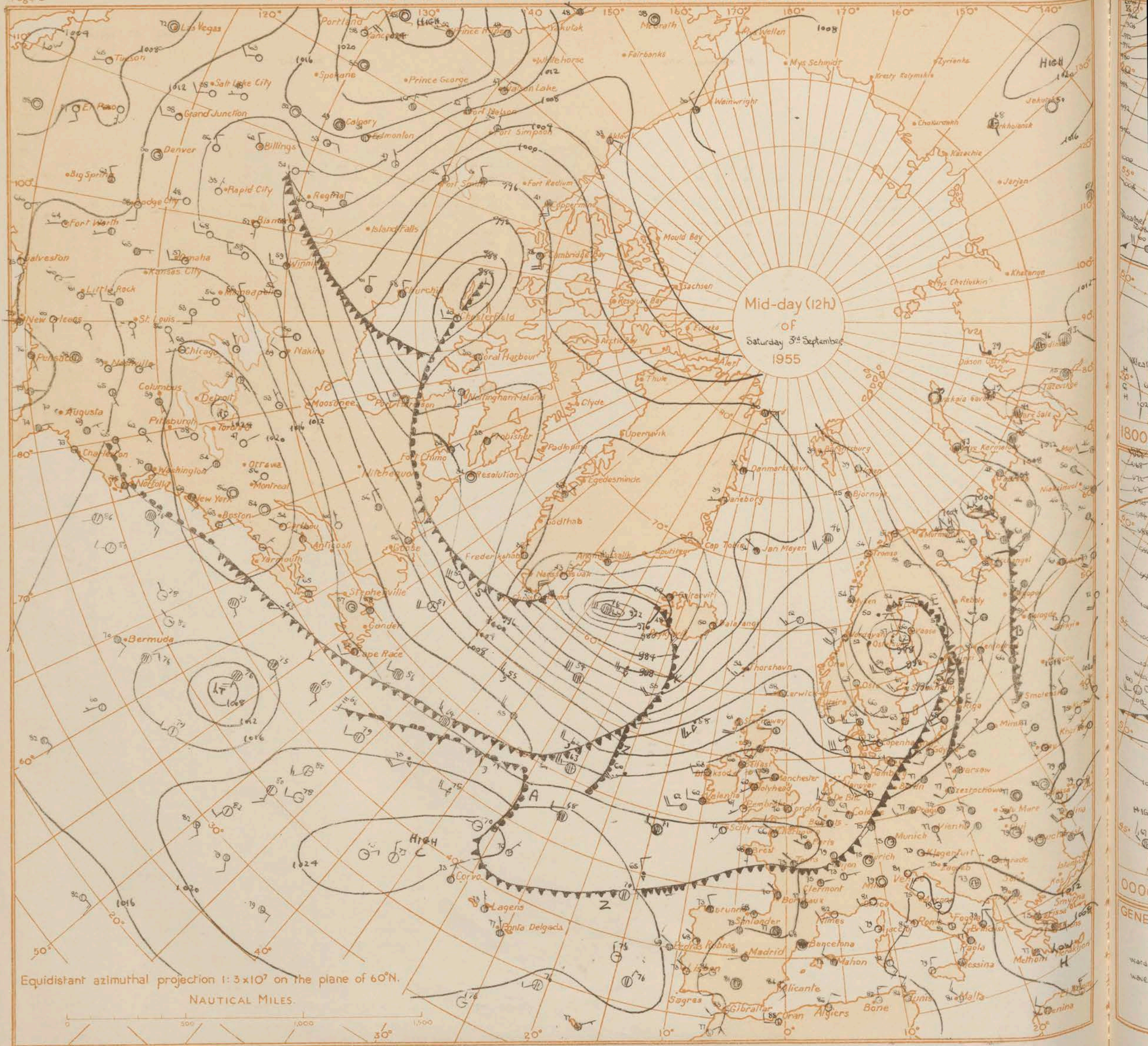
\* Information not usually received.

H.M.S.O. Press, M.O. 60



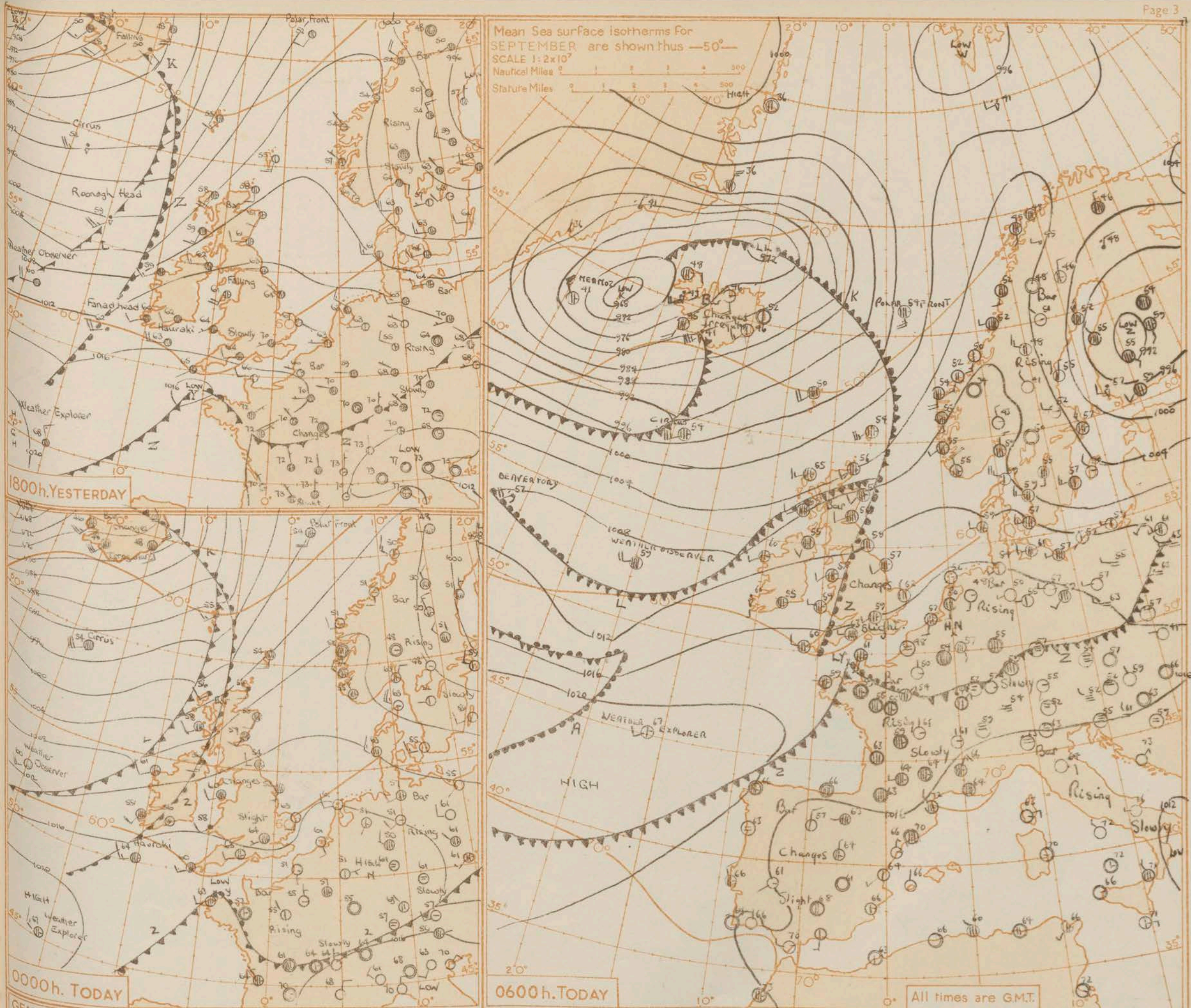








Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles  
Statute Miles



### GENERAL SYNOPTIC DEVELOPMENT

The deep depression near Iceland, having slowed down, is now likely to be transferred northeastwards again. Southwesterly winds will probably be maintained over most of the British Isles with rather shallow wave depressions moving east to northeast across the country.

Issued at mid-day today Sunday 4<sup>th</sup> September, 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

Over Scotland, Northern Ireland and northern England, after some heavy rain at first in southern areas, weather will remain mostly cloudy with occasional rain in places, mainly slight. Light rain will also occur in places in the rest of England and Wales but weather in these areas will be mainly bright today. During the night it will become cloudy or dull in many areas with rain or drizzle in places and in the southwest hill and coastal fog is likely to develop. It will be generally rather warm.

**OUTLOOK FOR** the following 24 hours—  
intervals also likely. Temperatures remaining near or above normal.

Some rain at times in most areas but bright



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. ....

Date of Issue..... 1955

OBSERVATIONS at 00h. G.M.T. 4th September 1955																									OBSERVATIONS at 06h. G.M.T. 4th September 1955																									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.		Rain 24h. to 07h. m.m.	State of sky																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDONDate of Issue.....Monday, 5<sup>th</sup> September, 1955

No. 34255.....

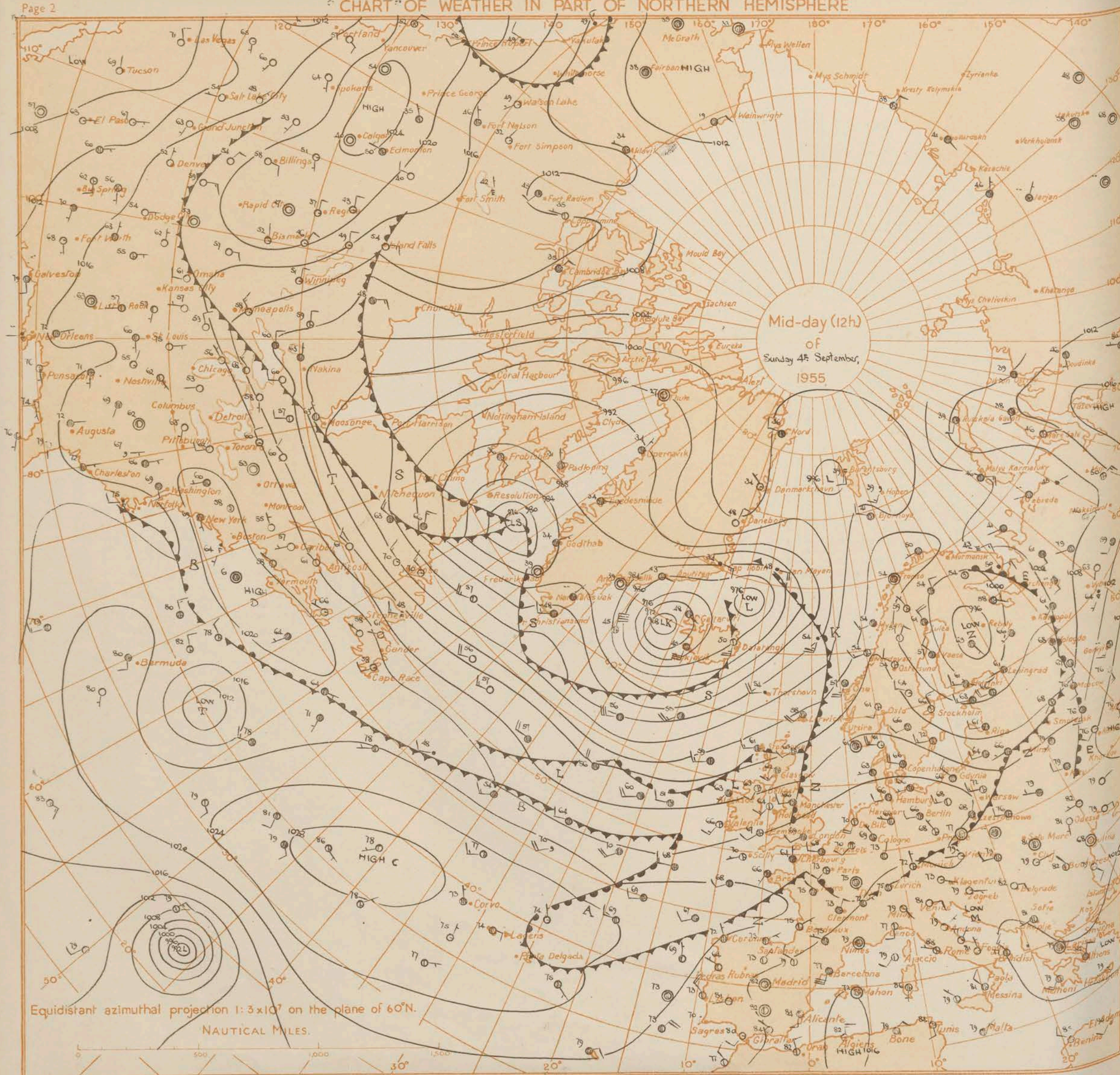
OBSERVATIONS at 12h. G.M.T. 4<sup>th</sup> September, 1955.....OBSERVATIONS at 18h. G.M.T. 4<sup>th</sup> September, 1955.....

OBSERVATIONS during DAY

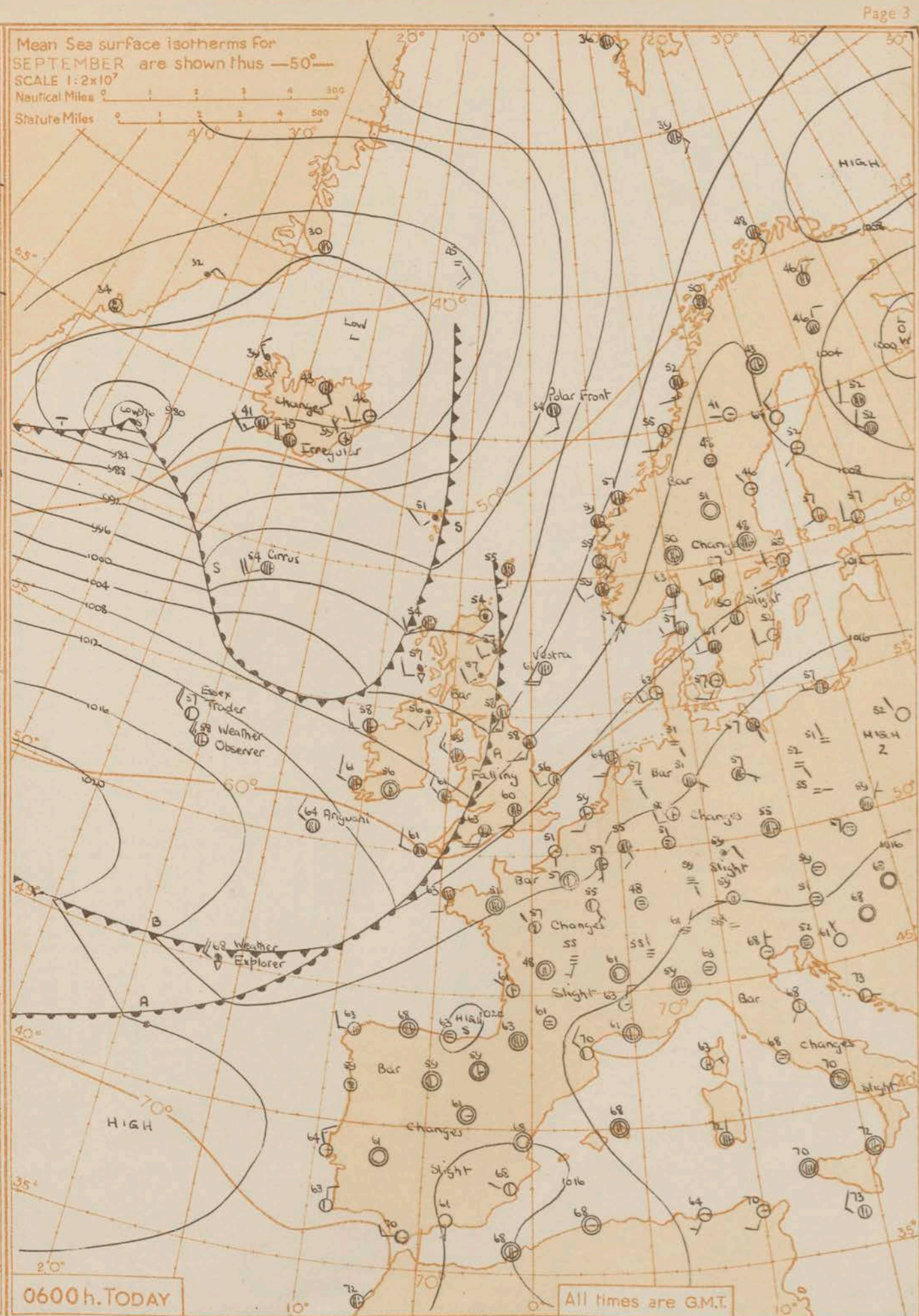
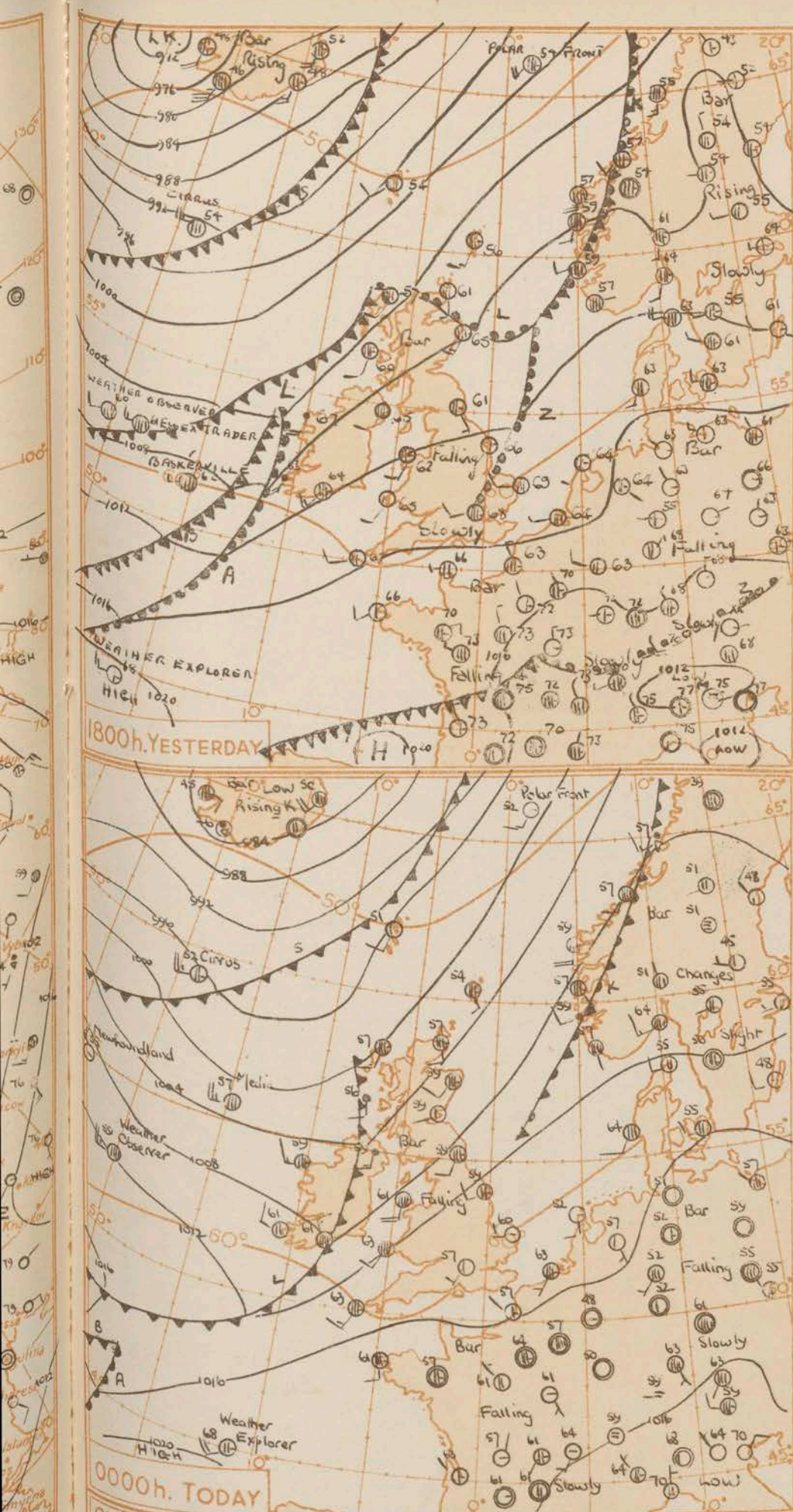
Code FM 11.A	Station	Station Number	Wind			Weather		Cloud										Bar at M.S.L.	Dry Bulb Temp.	Cloud Layers										Bar at M.S.L.	Dry Bulb Temp.	Cloud										Dew Point Temp.	Bar.		Cloud Layers										Weather	Max. Temp. 09h. to 21h. °F	Sunshine	Rain 09h. to 21h. mm.	State of ground 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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<sub>h</sub>	CL	h	CM	CH	Td	T <sub>d</sub>	pp	N <sub>s</sub>	C	N <sub>h</sub>	CL	h	CM	CH	Td	T <sub>d</sub>	pp	N <sub>s</sub>	C	N <sub>h</sub>	CL	h	CM</



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE







# GENERAL SYNOPSIS DEVELOPMENT

The deep depression yesterday near Iceland has moved north eastward and has been replaced by another depression which is moving quickly eastward. A trough, which has intensified as it moved eastward is now crossing the British Isles and will clear all districts during the day. Further troughs will affect northern districts of the British Isles while a ridge will develop across southern areas.

Issued at mid day today Monday 5th Sept. 1955

## FORECAST FOR BRITISH ISLES until noon tomorrow

Rain falling in eastern districts of England will clear during the afternoon. Otherwise southern and central districts of England and Wales will be mainly dry with sunny intervals. Northern England, Scotland and Northern Ireland will be mainly cloudy with occasional rain in many places. Temperatures will be near normal.

## OUTLOOK FOR the following 24 hours

Probably dry in the South. Rain at times in the North.



## Date of Issue.....1955

No. \_\_\_\_\_

No.

### 06h. Ships Reports

Code	Country	Year	Value
CIR	CIR	1970	1.0
WLAT	WLAT	1970	1.0
POLR	POLR	1970	1.0
WEAT	WEAT	1970	1.0
US	US	1970	1.0
US	US	1970	1.0
EAR	EAR	1970	1.0
UN	UN	1970	1.0
NA	NA	1970	1.0

\* Information not usually received.

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



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. 34256

Date of Issue Tuesday 6th September 1955

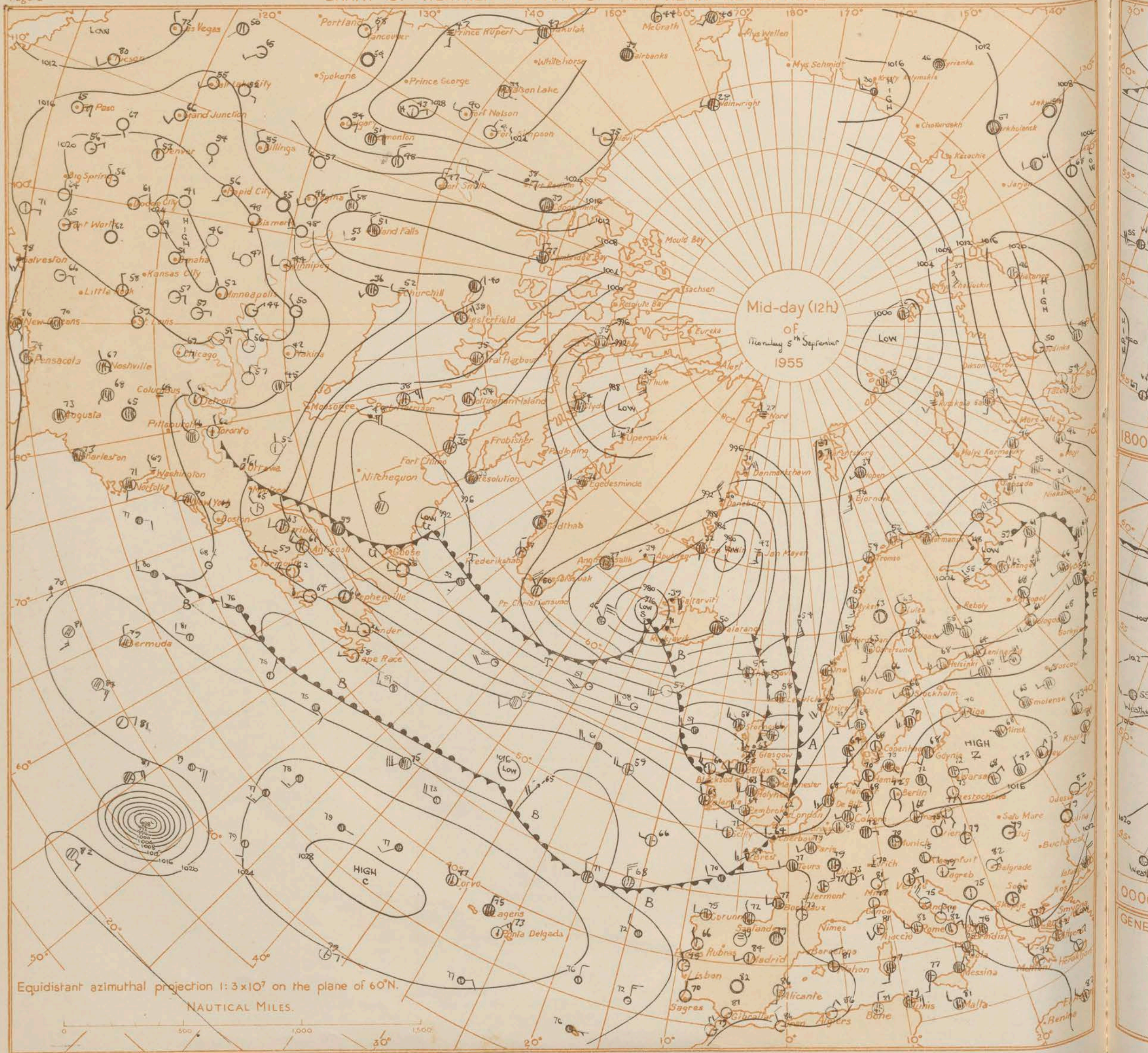
OBSERVATIONS at 12h. G.M.T. 5th September 1955

OBSERVATIONS at 18h. G.M.T. 5th September 1955

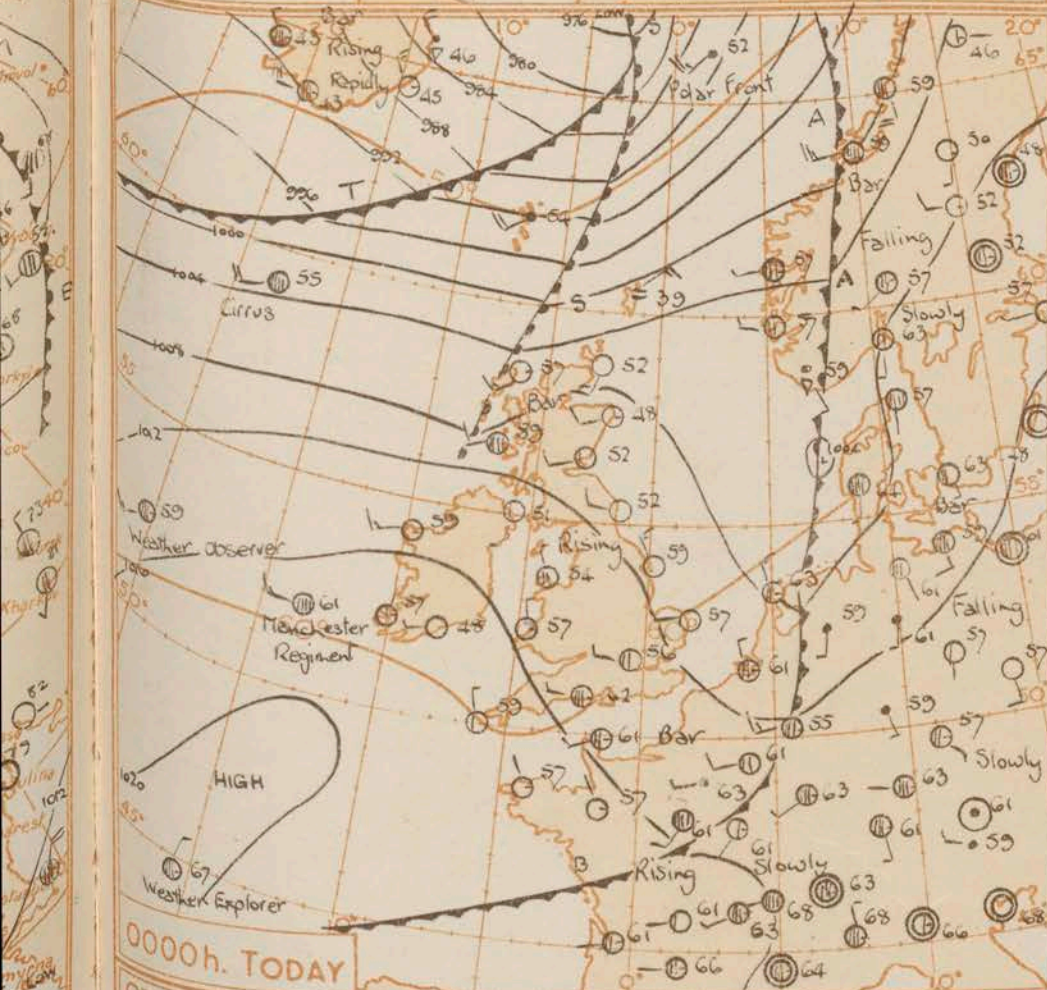
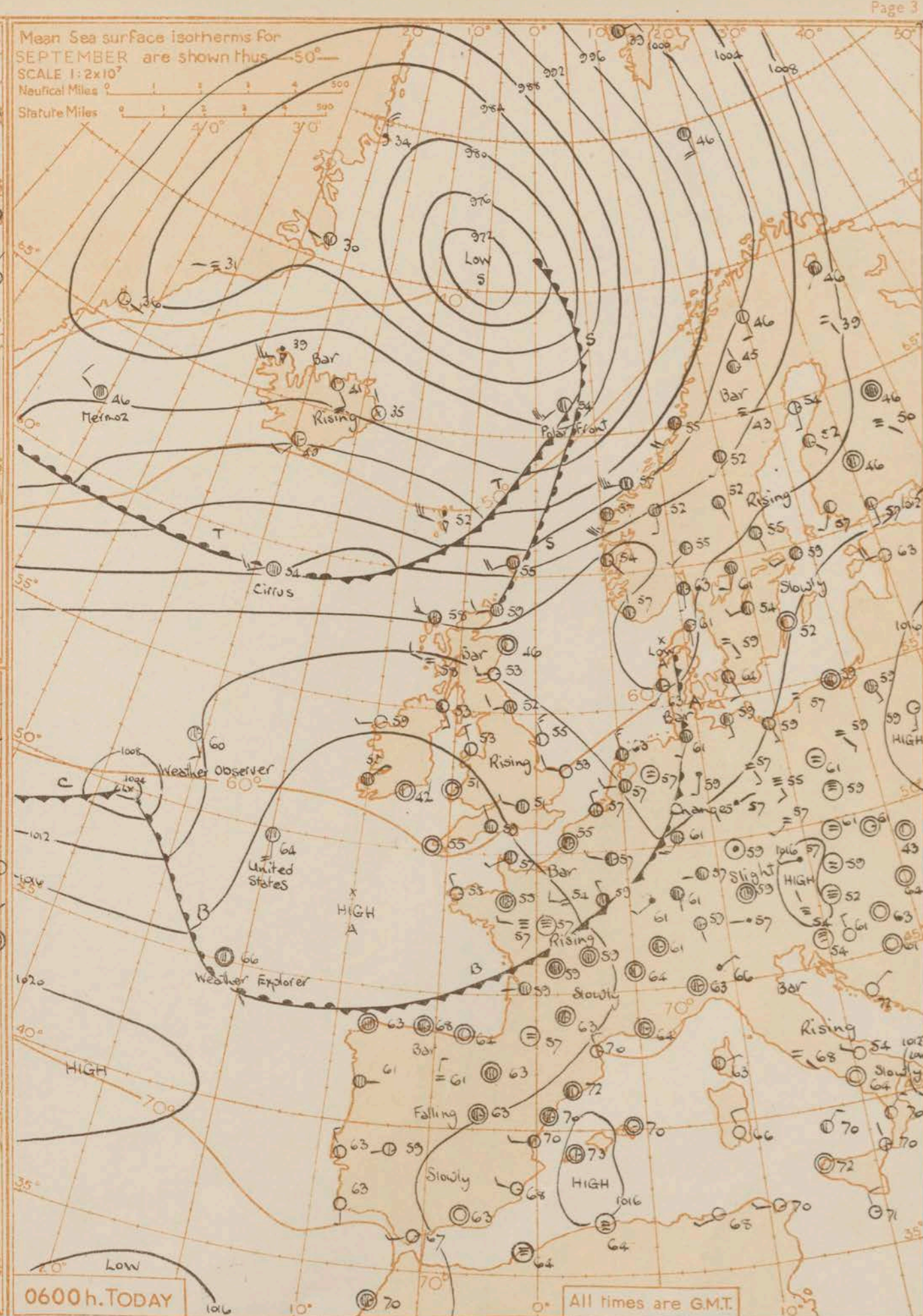
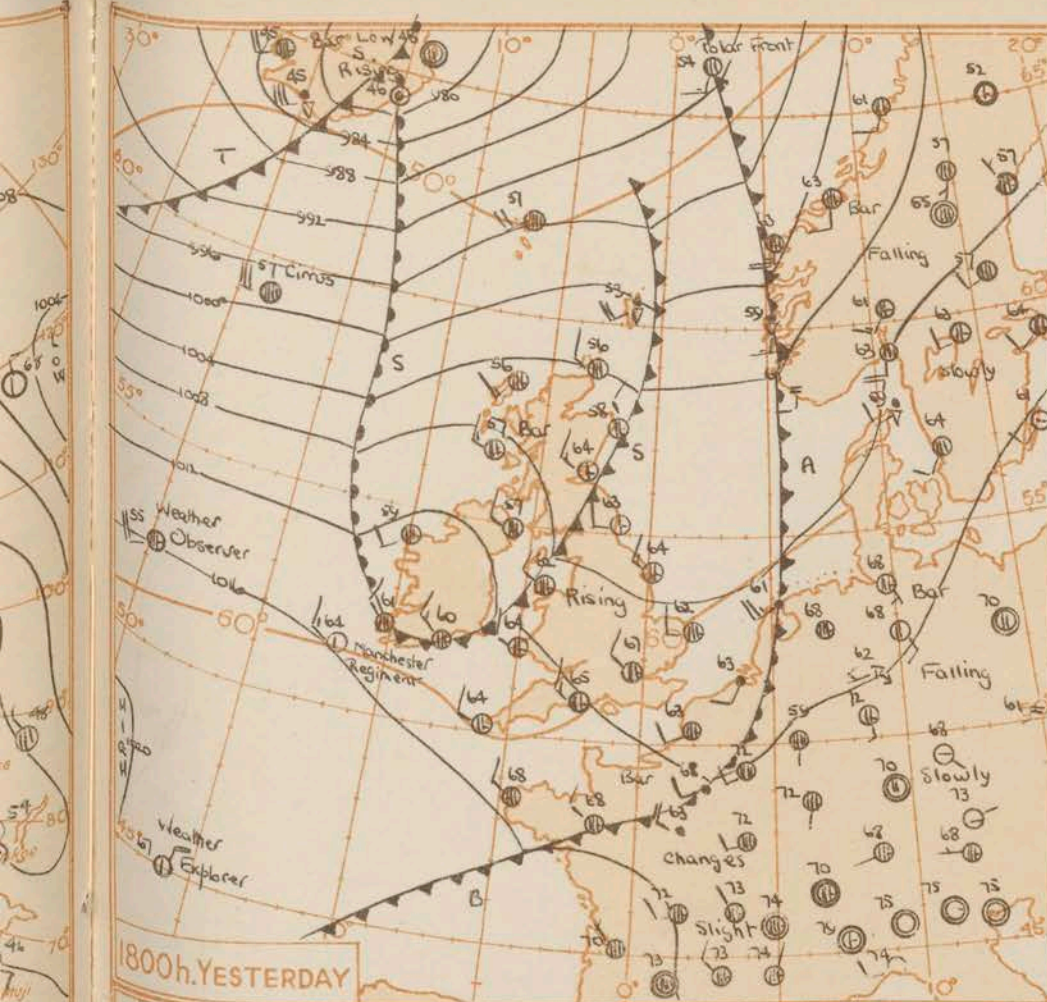
OBSERVATIONS during DAY

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









GENERAL SYNOPTIC DEVELOPMENT

The vigorous trough over the British Isles yesterday morning moved steadily east and cleared the British Isles during the evening. Other weak troughs moved east across northern districts while a ridge developed over southern areas. This ridge will move east and be followed by a depression now centred some 600 miles west-southwest of Ireland.

Issued at Mid-day today Tuesday 6<sup>th</sup> September 1955

FORECAST FOR BRITISH ISLES until noon tomorrow

Apart from a little rain or drizzle in extreme north Scotland all districts will have dry, rather warm weather with sunny periods to-day. During tonight cloudy weather with occasional rain or drizzle will reach southwest Ireland and spread across most of Ireland, Wales and southwest England by mid-day tomorrow.

OUTLOOK FOR following 24 hours:-  
Rain at times in most places



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

No. ....

Date of Issue.....1955

OBSERVATIONS at 00h. G.M.T. 4th September 1955																										OBSERVATIONS at 06h. G.M.T. 4th September 1955																										OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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	Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Dew Point Temp.	Bar	Cloud Layers										Weather	Temp.		Rain 21h to 09h in mm	State of ground 09h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue Wednesday 7<sup>th</sup> September 1955

[illegible]

Direction		Period		Length		12h. Ships Reports																				18h. Ships Reports																															
dir	dur	per	len	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	
dir	dur	per	len	Lat	Long	N	dd	H	VV	ww	W	PP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw	Lat	Long	N	dd	H	VV	ww	W	PP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw				
26	4	8	4	CIRUS	589	184	8	24	18	65	02	5	048	55	8	5	4	-	-	6	1	2	01	01	52	25	4	7	CIRUS	591	158	8	23	24	65	02	5	045	55	8	5	3	-	-	1	1	4	00	01	52	24	4	6				
27	5	3	4	WEATHER OBSERVER	516	201	6	08	12	98	01	6	106	60	4	2	3	7	0	0	0	7	12	50	58	45	4	4	WEATHER OBSERVER	526	202	8	03	24	96	01	6	075	57	5	7	4	2	-	0	0	1	9	53	57	49	-	4				
28	5	3	4	POLAR FRONT	660	020E	8	16	33	97	80	8	510	48	5	4	-	-	0	0	2	40	54	41	26	3	7	POLAR FRONT	660	020E	8	26	28	98	02	8	013	48	5	9	4	6	0	0	0	2	51	53	59	26	3	7					
29	5	3	4	WEATHER EXPLORER	451	161	8	20	13	98	03	1	112	68	4	8	5	7	-	0	0	7	09	51	60	26	5	2	WEATHER EXPLORER	482	159	7	20	19	92	02	6	140	68	7	5	7	-	-	0	0	7	17	51	61	22	3	6				
30	5	3	4	U.S. SHIP "C"	518	355	8	23	13	93	02	2	081	57	8	5	3	-	-	0	0	7	05	54	44	4	3	U.S. SHIP "C"	512	332	8	26	10	92	02	6	070	43	8	5	4	-	-	0	0	2	20	56	56	26	5	2					
31	5	3	4	U.S. SHIP "D"	440	410	8	27	31	65	02	8	133	76	8	5	-	-	0	0	2	30	03	71	27	2	7	U.S. SHIP "D"	528	365	8	20	12	65	01	4	063	57	0	0	9	0	2	0	0	7	14	04	56	27	4	5					
32	5	3	4	PORT HOBART	483	101	7	19	02	58	03	1	180	67	7	5	-	-	0	6	2	03	01	57	26	5	5	PORT HOBART	440	410	6	25	31	69	02	2	136	76	0	0	9	3	0	0	8	02	03	71	25	2	6						
33	5	3	4	CAPTOWN CASTLE	325	147	2	03	01	58	01	0	187	73	2	1	4	0	0	1	7	3	00	51	63	03	3	3	CAPTOWN CASTLE	443	096	3	36	04	99	02	0	161	71	3	2	7	4	5	1	5	7	08	01	63	-	-	-				
34	5	3	4	AMERICAN MANUFACTURER	407	248	5	24	18	98	01	2	108	64	4	6	3	2	-	2	5	7	08	02	59	24	2	5	AMERICAN MANUFACTURER	484	130	6	19	09	98	02	1	138	67	3	5	5	3	1	6	6	7	20	02	58	39	-	5				
35	5	3	4	ASHCOURT	509	251	2	35	02	99	01	2	108	59	1	1	3	4	0	6	4	2	02	56	55	31	3	3	ASHCOURT	419	263	7	27	17	91	16	1	176	73	7	6	2	-	-	1	5	8	18	01	70	27	3	3				

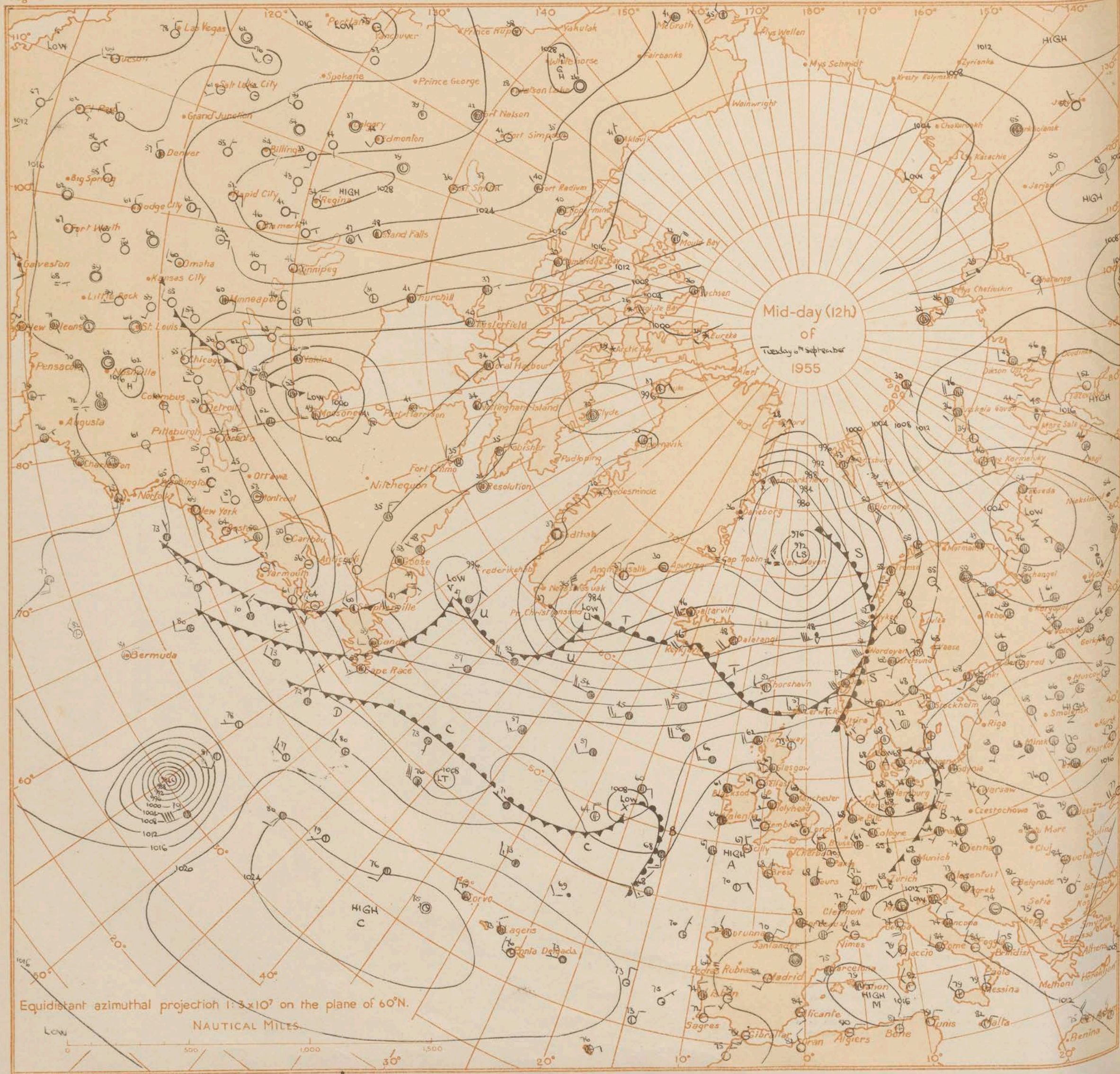
All times of observation printed in this publication are GREENWICH MEAN TIME.

\* 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.



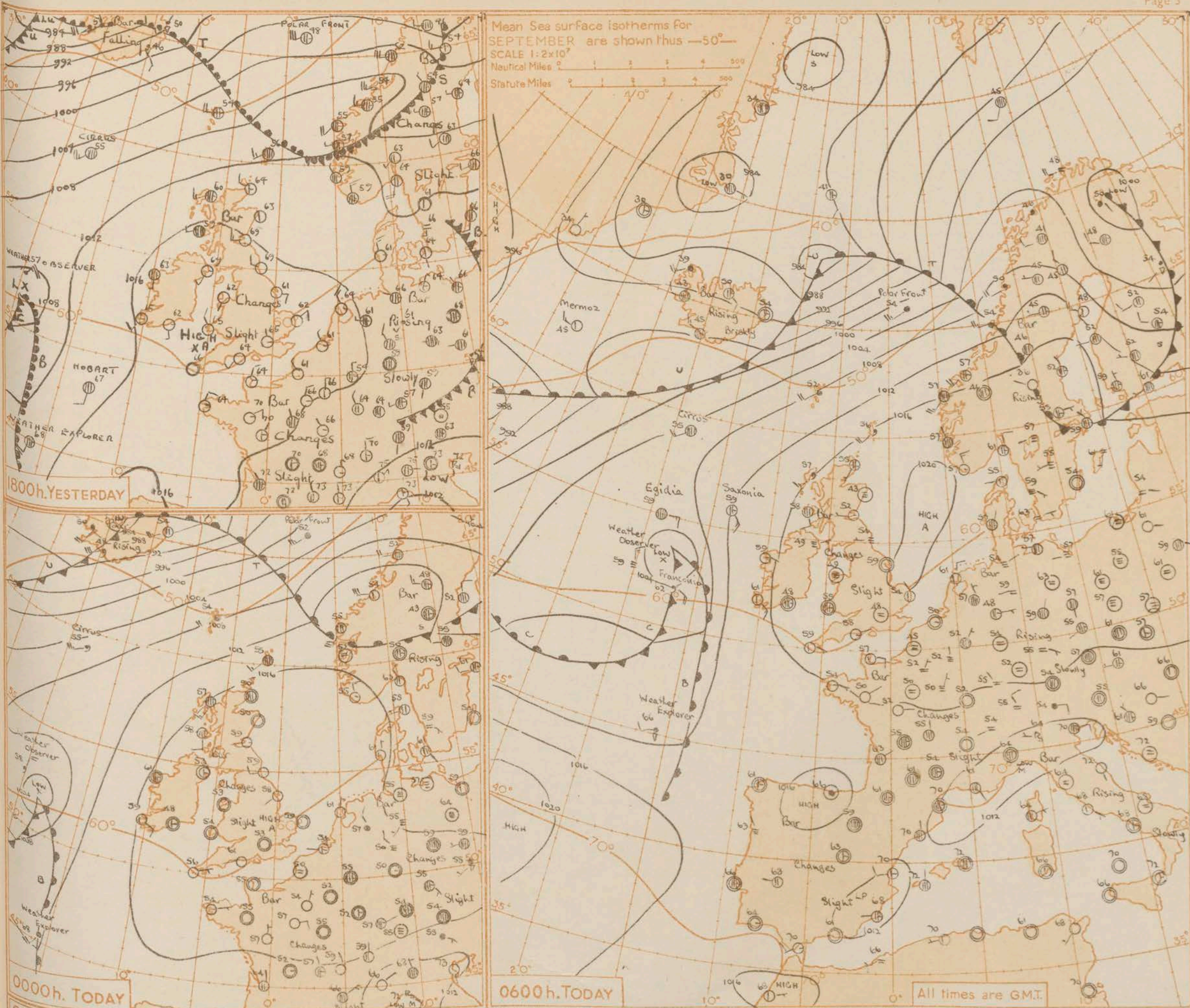
# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 100 200 300  
Statute Miles 0 100 200 300



### GENERAL SYNOPTIC DEVELOPMENT

The ridge moving east across the British Isles yesterday intensified and there is now an anticyclone centred in the North Sea. The depression moving towards Ireland turned towards the north and slowed down. A slow eastward movement and intensification of the anticyclone is expected while the fronts of the Atlantic depression will move very slowly eastward to affect some western areas of the British Isles.

Issued at 1200h today 7th September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

Today will be sunny and rather warm generally. Tonight or fog will form in many places. This will disperse tomorrow morning and most places will again be sunny but in Northern Ireland and the Hebrides there may be a little rain here and there.

OUTLOOK FOR the following 24 hours.  
Probably fine in eastern districts. Some rain in the west.

All times are GMT.







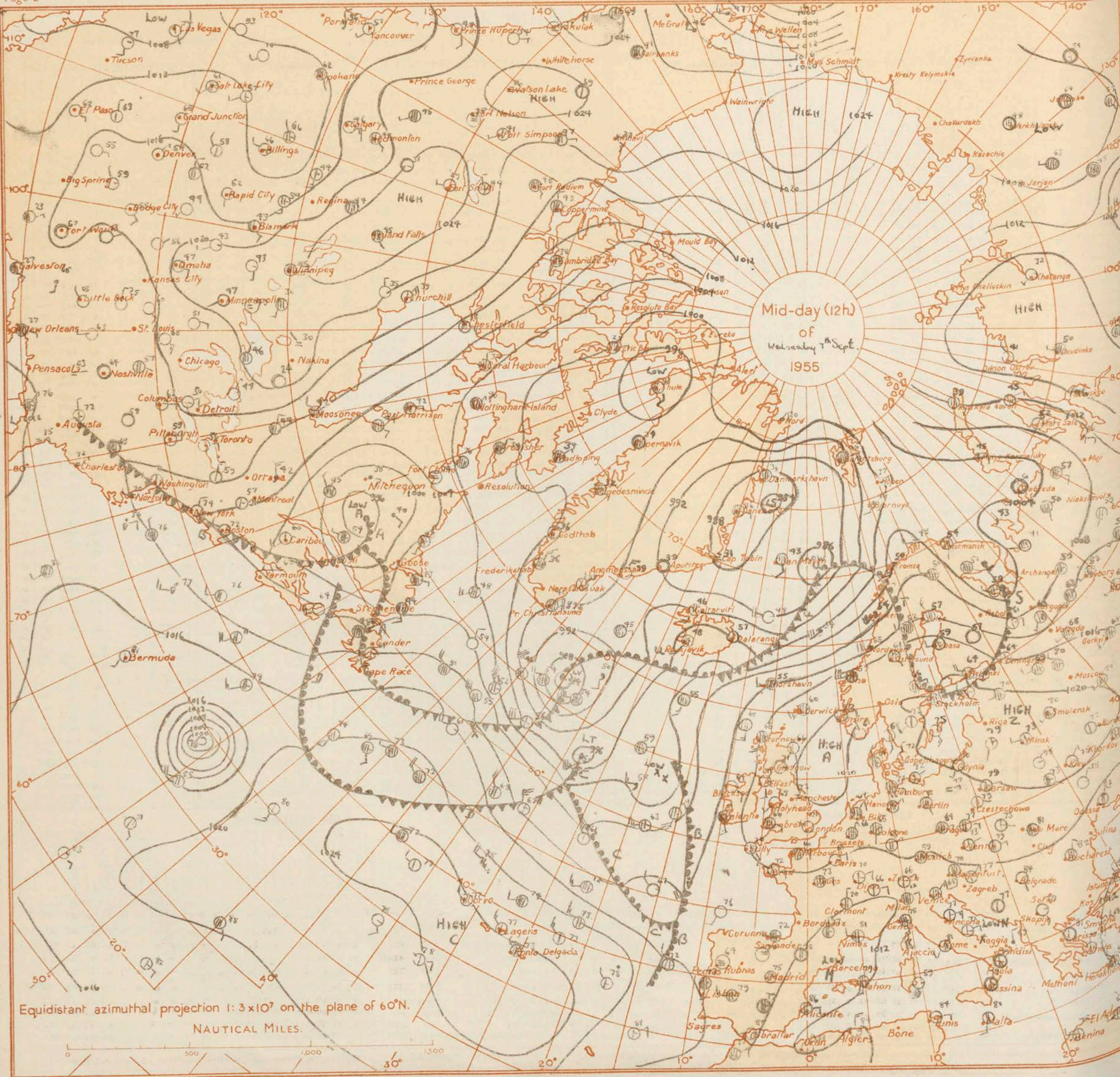
No. 34258

OBSERVATIONS at 18h. G.M.T. 7<sup>th</sup> September 1955

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



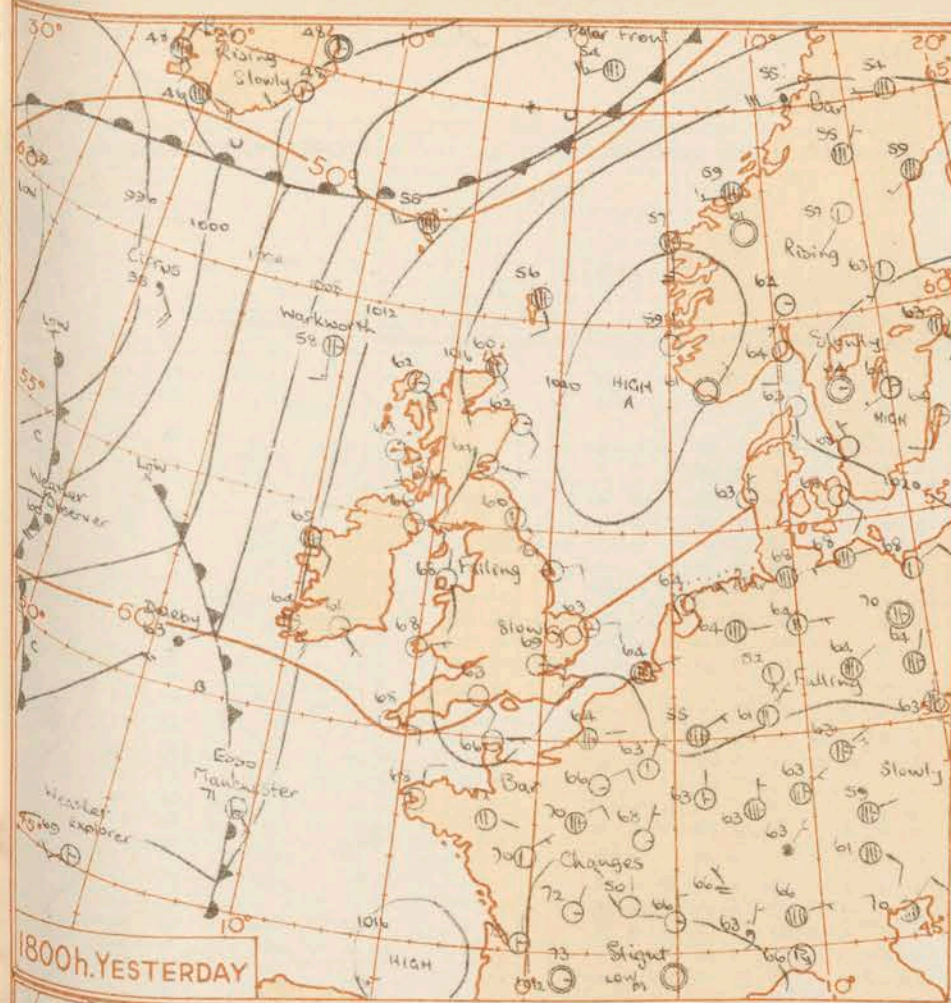
# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



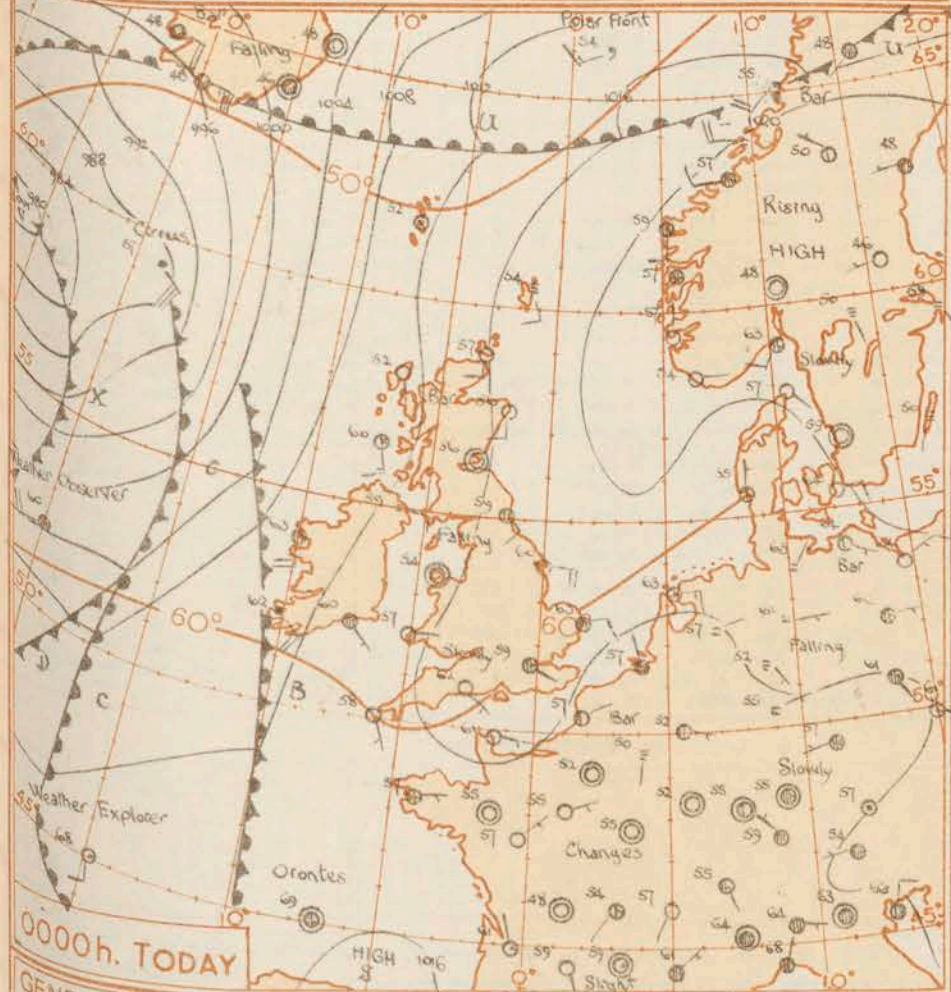
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Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



1800h. YESTERDAY



0000h. TODAY

### GENERAL SYNOPSIS DEVELOPMENT

A large anticyclone to east of the British Isles is now centred over the Baltic States and is continuing to move away eastward. An intense depression which developed yesterday as it moved east-northeast across the North Atlantic, is expected to continue on this track and pass between Scotland and Iceland. Troughs of low pressure are expected to cross the British Isles from the northwest.

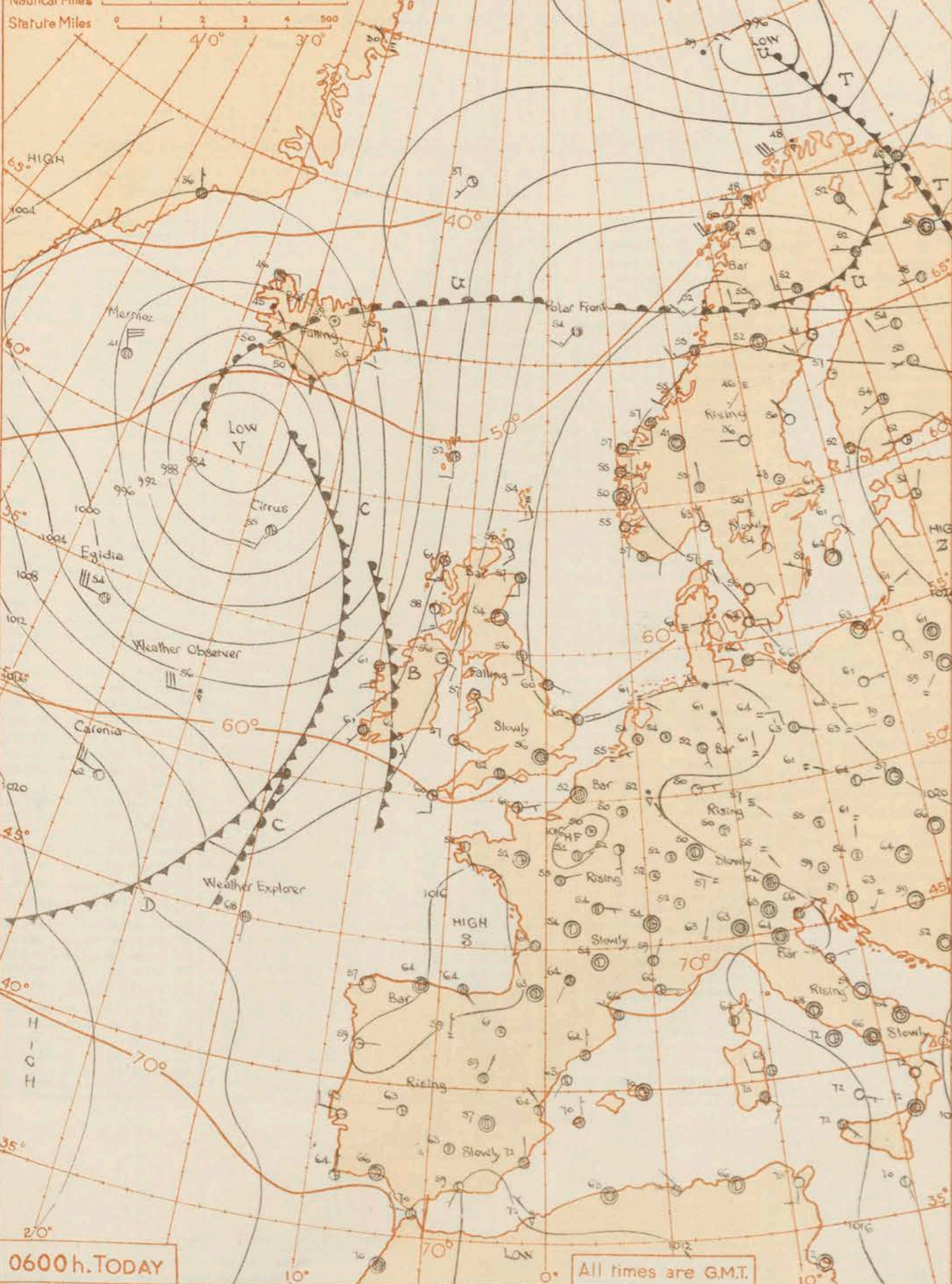
0600h. TODAY

Issued at mid-day today Thursday 8th September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

Dull weather with some rain and drizzle over Northern Ireland and gradually spread to west and north Scotland later today, followed by bright periods and scattered showers. Elsewhere mostly fine with sunny periods but scattered rain outbreaks or thunderstorms possibly in southeast districts of England, and fog patches around dawn. Mainly rather warm.

**OUTLOOK FOR** following 24 hours: Dry in most areas but some showers in north and possibly west coastal areas and still possibility of thunderstorms in southeast.



All times are G.M.T.



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\* Information not usually received.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

No. 74259

Date of Issue.....Friday 9<sup>th</sup> September.....1955

1955

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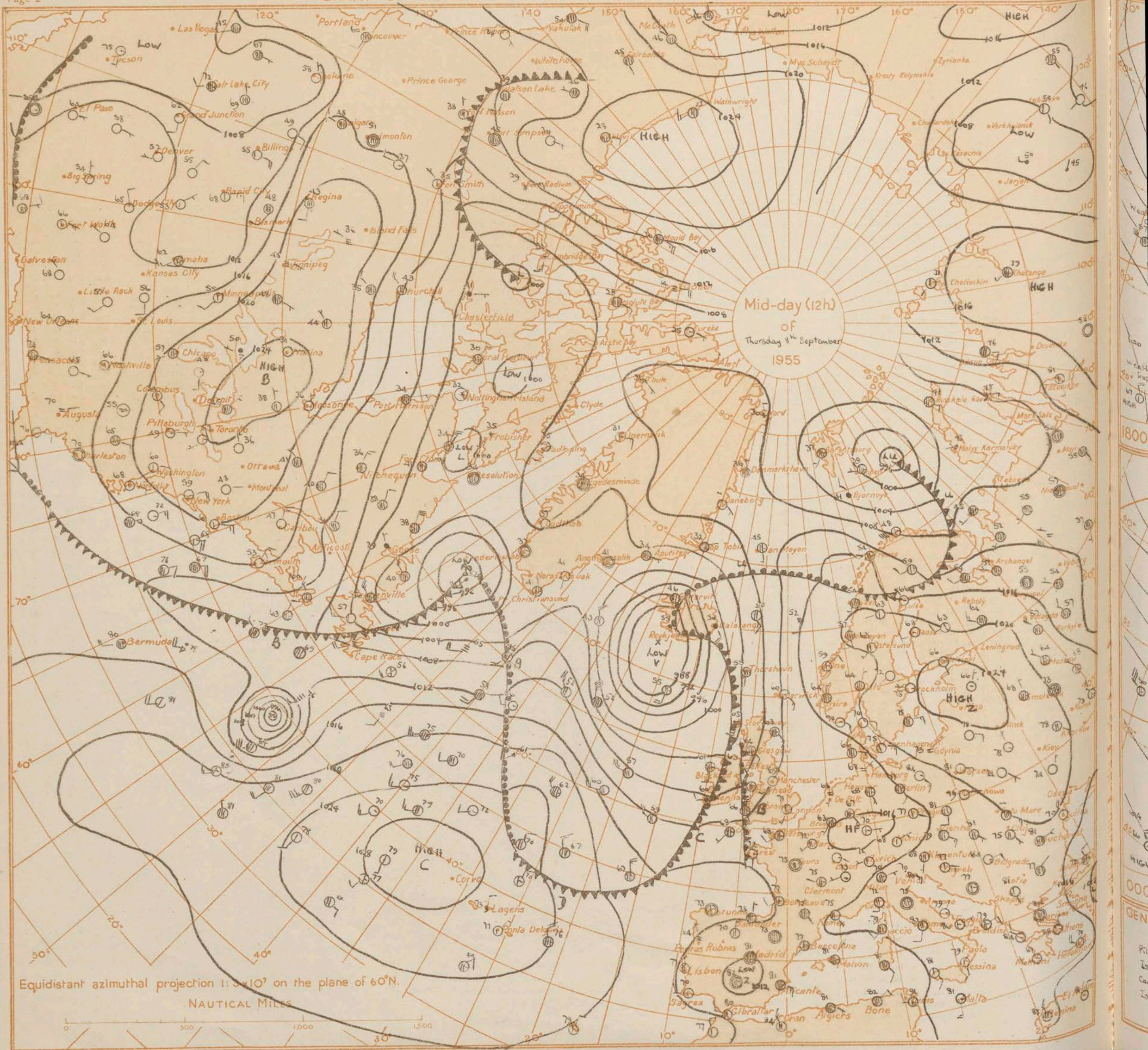
Code FM 21.A		12h. Ships Reports																				18h. Ships Reports																															
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.	Temp.	Waves			Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		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
				N	dd	E	VV			ww	W	PPP	TT	Nh	CL	h			CM	CH	Ds					Vs	a	pp	Ts			Td	Td	dwdw	Pw	Hw	N	dd			E	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs
WEATHER OBSERVER	524	196	6	28	34	98	15	8	066	37	5	8	4	0	0	0	2	17	52	49	79	3	2	CIRUS	569	187	8	28	25	65	80	2	937	54	5	9	4	2	-	2	1	3	35	51	48	17	4	5					
CIRUS	590	190	5	19	20	65	02	8	087	38	3	9	4	6	3	4	1	3	08	01	52	5	4	WEATHER OBSERVER	573	178	7	29	33	97	15	8	129	57	3	8	5	-	-	0	0	2	32	52	47	79	7	3					
POLAR FRONT	660	020 E	5	19	12	93	13	4	159	51	9	-	0	-	-	0	0	1	03	01	52	13	8	WEATHER EXPLORER	947	161	2	33	20	98	02	0	263	67	2	1	4	0	0	0	0	2	13	52	56	33	4	3					
WEATHER EXPLORER	448	141	7	35	24	97	21	6	173	67	7	8	4	-	-	0	0	2	16	52	63	34	5	3	POLAR FRONT	660	020	5	17	07	97	01	9	154	54	5	5	6	0	0	0	0	7	02	02	52	45	-	2				
HERMOZ	422	330	4	32	27	70	01	2	982	43	4	2	4	0	2	7	1	2	13	53	34	4	4	HERMOZ	622	331	1	32	18	70	01	1	993	45	1	1	5	0	0	0	0	3	05	52	70	34	4	7					
U.S. SHIP C	528	355	1	23	12	78	01	2	153	56	0	0	9	7	0	0	0	8	05	04	48	29	3	7	SHIP C	528	355	4	18	13	72	02	2	128	56	8	0	7	7	-	0	0	7	12	05	54	34	5	6				
U.S. SHIP D	440	410	8	20	22	69	02	2	231	76	7	4	5	0	7	0	0	2	10	05	73	21	2	6	SHIP D	440	410	7	20	23	69	02	2	216	77	0	0	9	0	6	0	0	5	07	04	71	26	3	6				
AMERICAN IMPORTER	498	155	4	29	30	98	02	1	180	59	3	2	3	6	-	6	4	2	29	51	56	29	7	8	MANCHESTER SPINNER	562	137	5	20	28	60	02	1	951	59	5	5	6	0	1	6	5	8	20	00	53	23	-	9				
PARTHA	503	216	4	25	30	98	02	0	165	60	4	2	4	0	0	2	6	1	03	58	48	4	4	AMERICAN CLIPPER	504	163	3	27	28	98	01	4	159	66	3	3	4	0	0	2	6	2	10	02	54	27	5	8					
DURBAN CASTLE	387	096	1	00	00	97	11	0	160	71	1	2	4	0	0	8	6	2	11	02	48	00	2	0	CADRON	512	114	5	27	24	78	01	8	110	62	3	4	5	7	8	2	4	1	04	51	53	27	4	4				

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

\* Information not usually received.



## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





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

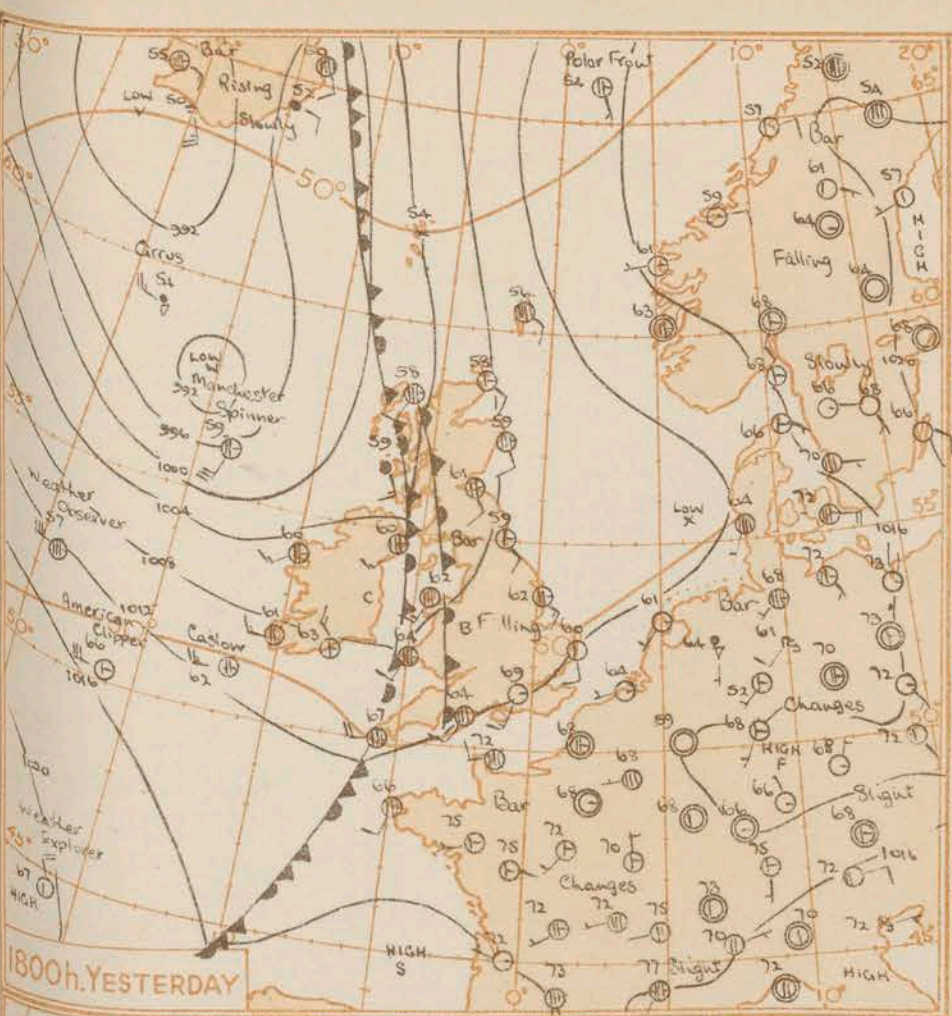
SCALE 1:2x10<sup>7</sup>

Nautical Miles

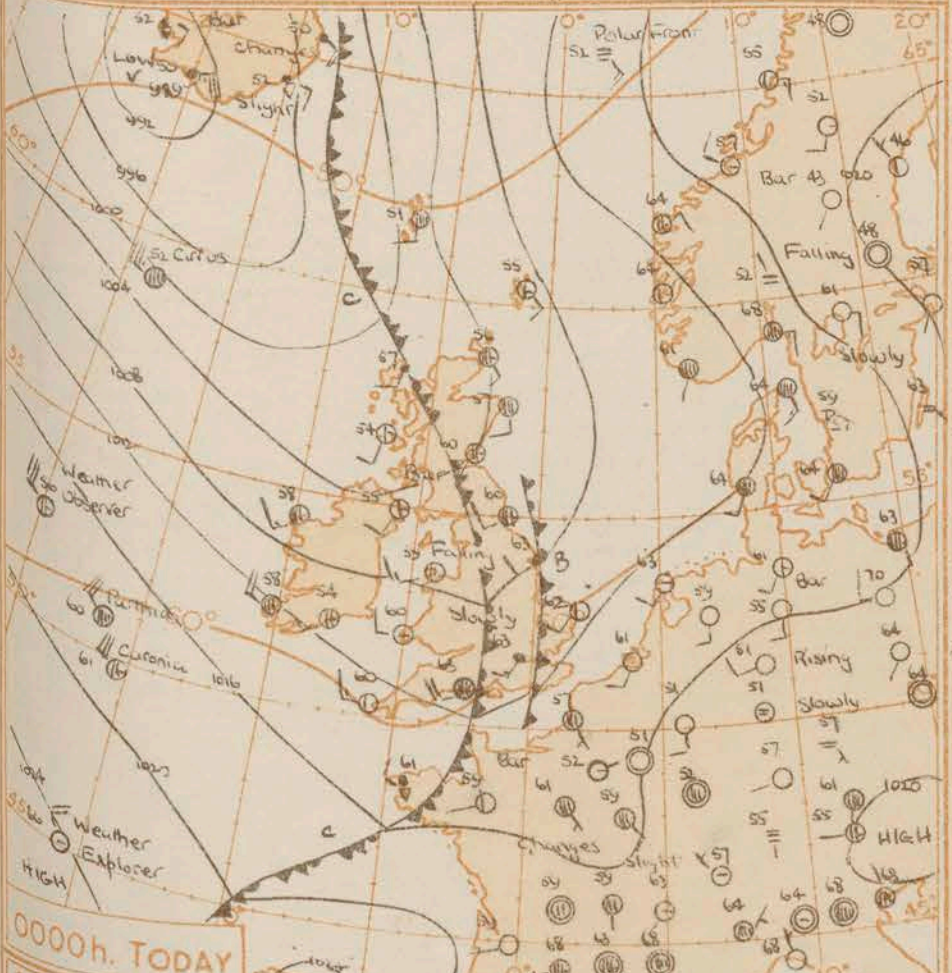
Statute Miles

0600h. TODAY

All times are G.M.T.



1800h. YESTERDAY



0000h. TODAY

### GENERAL SYNOPSIS DEVELOPMENT

The intense low to southwest of Iceland yesterday filled and turned northwards but a major trough of low pressure crossed the British Isles and is continuing to move east across the North Sea and southeast into the Continent. A ridge of high pressure is spreading east across the British Isles and a tropical hurricane is moving northeast towards central Atlantic.

Issued at mid-day today Friday 9th September 1955

FORECAST FOR BRITISH ISLES until noon tomorrow

Sunny periods will occur in all areas today and again tomorrow. There will be some showers today, chiefly in the west and north with thunder in places. The showers will die out later today and tonight in most places, and tomorrow will be generally fine. Temperatures will be near the seasonal normal.

OUTLOOK FOR the following 24 hours:-

Further rain or drizzle may spread to west and north, but elsewhere it will probably remain dry.



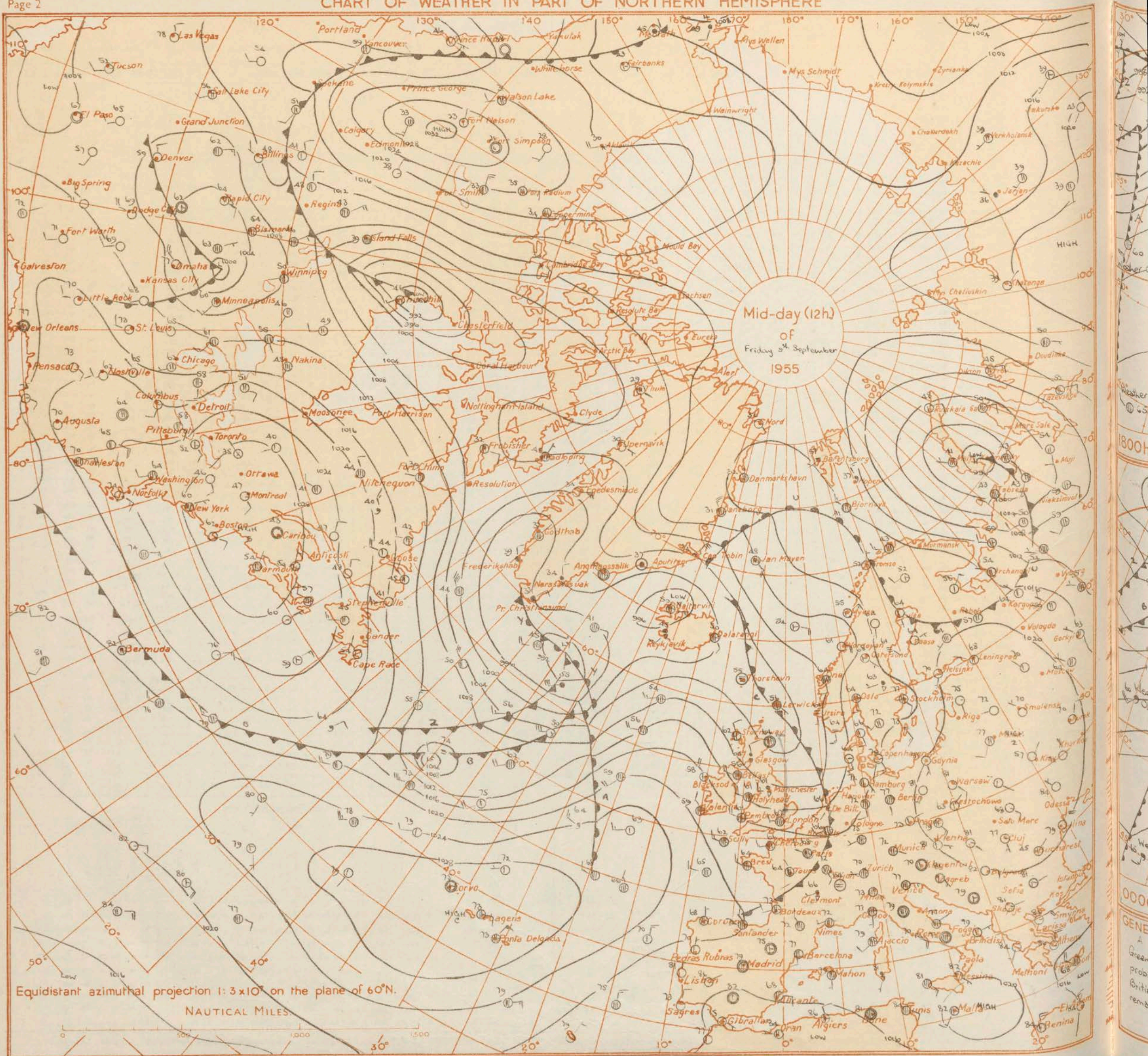




SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

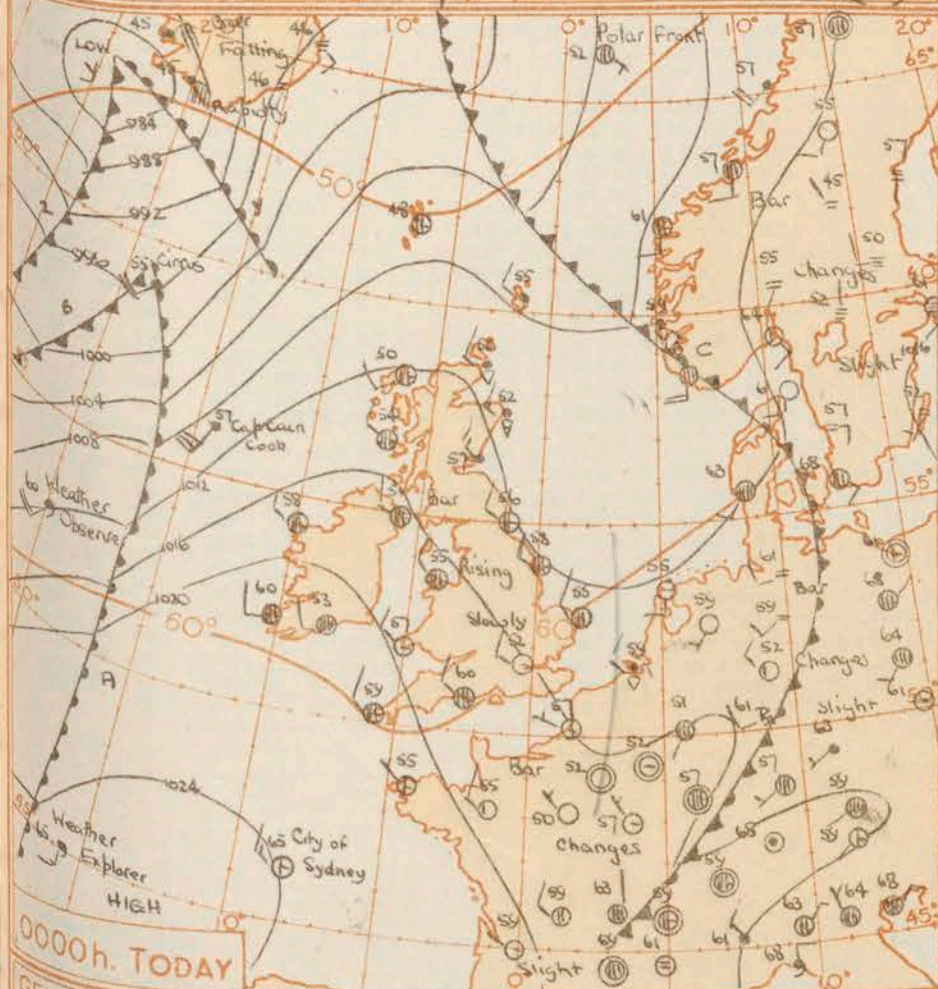
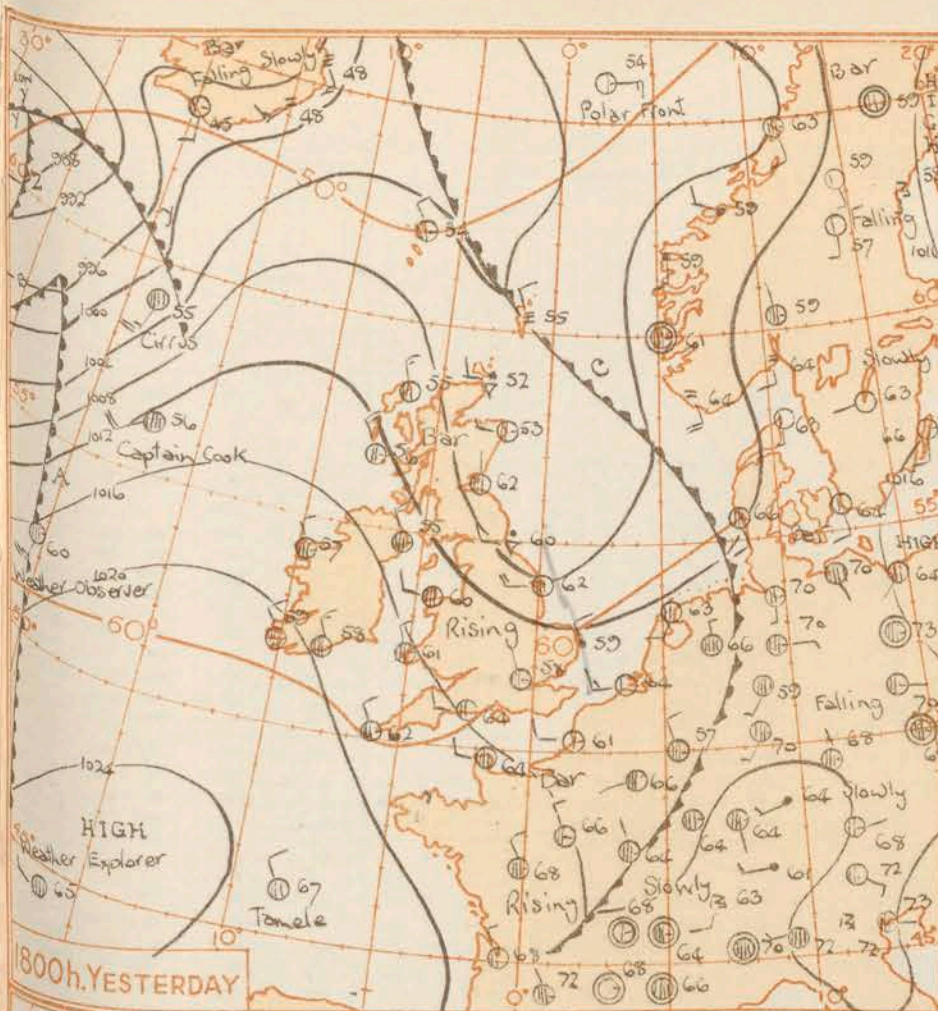


## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



### GENERAL SYNOPSIS DEVELOPMENT

A depression which formed early yesterday near Southern Greenland, moved east-northeast to Iceland and deepened: this depression will probably now move northeast and troughs of low pressure will move across the British Isles. A more vigorous trough of low pressure, associated with the remains of a tropical hurricane is likely to cross northwest districts.

Issued at Mid-day

today Saturday 10th September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

Cloudy weather with periods of rain or drizzle spreading to all areas, but fine at first in eastern and most southern districts of Great Britain. In the west there will be hill and possibly coastal fog. Brighter, though showery, weather is expected to spread across from the northwest later tonight or tomorrow. Gales affecting some western and northern areas.

### OUTLOOK FOR the following 24 hours:-

Rain or showers affecting most parts of the country. Some bright periods.

0600h. TODAY

All times are G.M.T.



## No. \_\_\_\_\_

Code

\* Information not usually received



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue.. Sunday 17th September..... 1955

[illegible]

## 12h. Ships Reports

Code FM 21.A			12h. Ships Reports																															
Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.		Temp.		Waves													
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height										
LhLh	LtLt	N	dd	ft	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	s	pp	Ts	Td	Td	dwdw	Pw	Hv										
WEATHER OBSERVER	526	199	8	32	14	97	20	5	069	44	5	7	5	2	-	0	0	3	12	01	60	49	x	4										
CIRRUS	526	190	5	23	27	65	25	2	083		3	9	4	6	0	2	1	5	09	52	46	23	4	7										
WEATHER EXPLORER	448	109	6	23	10	98	01	2	223		2	1	5	3	-	0	0	8	02	05	61	12	0	5										
POLAR FRONT	660	020E	8	22	11	96	21	6	040	54	8	6	2	-	-	0	0	1	07	01	52	21	3	2										
HERMOZ	619	334	8	21	35	96	61	6	816	46	8	7	3	-	-	8	1	6	20	52	45	29	4	6										
U.S. SHIP 'C'	528	335	3	27	22	78	02	8	201	51	3	3	5	0	0	0	0	2	15	51	44	27	4	7										
U.S. SHIP 'D'	440	410	8	36	22	65	51	2	272	64	4	7	4	2	-	0	0	3	25	58	56	01	3	5										
GENEVIEVE PETERKIN	495	205	8	27	32	97	02	5	101	62	8	5	4	-	-	2	5	2	31	02	63	27	5	8										
ADAPA	440	100	4	31	09	99	01	2	131	73	3	2	6	2	1	5	6	4	00	05	62	32	3	2										
LA VERRIER	491	069	7	25	12	70	03	2	219	64	6	8	4	0	2	7	4	7	07	52	52	28	4	5										
ALLIES																																		

### 18h. Ships Reports

18h. Ships Reports																											
Ship	LAT.	LONG.	Total Cloud	Wind		Visibility	Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar. Change in 3 hours	Temp. Sea	Dew Point	Waves						
				Direction	Speed		Present	Past			Amount	Low	Height	Medium	High	Direction	Speed				Direction	Period	Height				
	Lat	Long	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw		
CIRRUS	500	187	4	24	30	65	25	8	360	54	4	9	5	0	0	1	1	8	12	51	43	25	4	8			
WEATHER OBSERVER	524	187	4	30	28	98	01	2	123	37	2	2	5	3	1	0	0	1	21	53	43	32	4	8			
WEATHER EXPLORER	447	159	7	25	15	86	20	5	109	68	7	5	5	-	-	8	7	6	25	51	67	36	5	3			
POLAR FRONT	660	020	6	19	05	96	02	4	031	52	4	6	3	3	-	0	0	7	09	01	50	20	3	7			
HERMOZ	623	023	8	35	33	56	25	8	864	43	5	3	4	1	-	8	1	3	15	57	41	35	4	6			
U.S. SHIP 'C'	527	355	6	27	20	69	03	1	200	52	5	1	5	0	0	0	0	4	00	53	42	27	4	3			
U.S. SHIP 'D'	440	410	8	09	11	65	80	8	263	65	8	5	5	-	-	0	0	5	02	57	55	03	3	4			
LE VERRER	409	080	7	21	18	70	02	2	168	64	4	4	4	4	1	7	4	7	37	51	57	28	4	1			
MANCHESTER CITY	563	193	4	24	38	98	02	1	080	56	3	4	5	0	1	2	5	6	02	51	46	24	4	3			
GREENLATION	492	200	8	31	36	97	02	2	180	59	8	-	-	-	-	2	3	2	30	51	53	27	3	3			

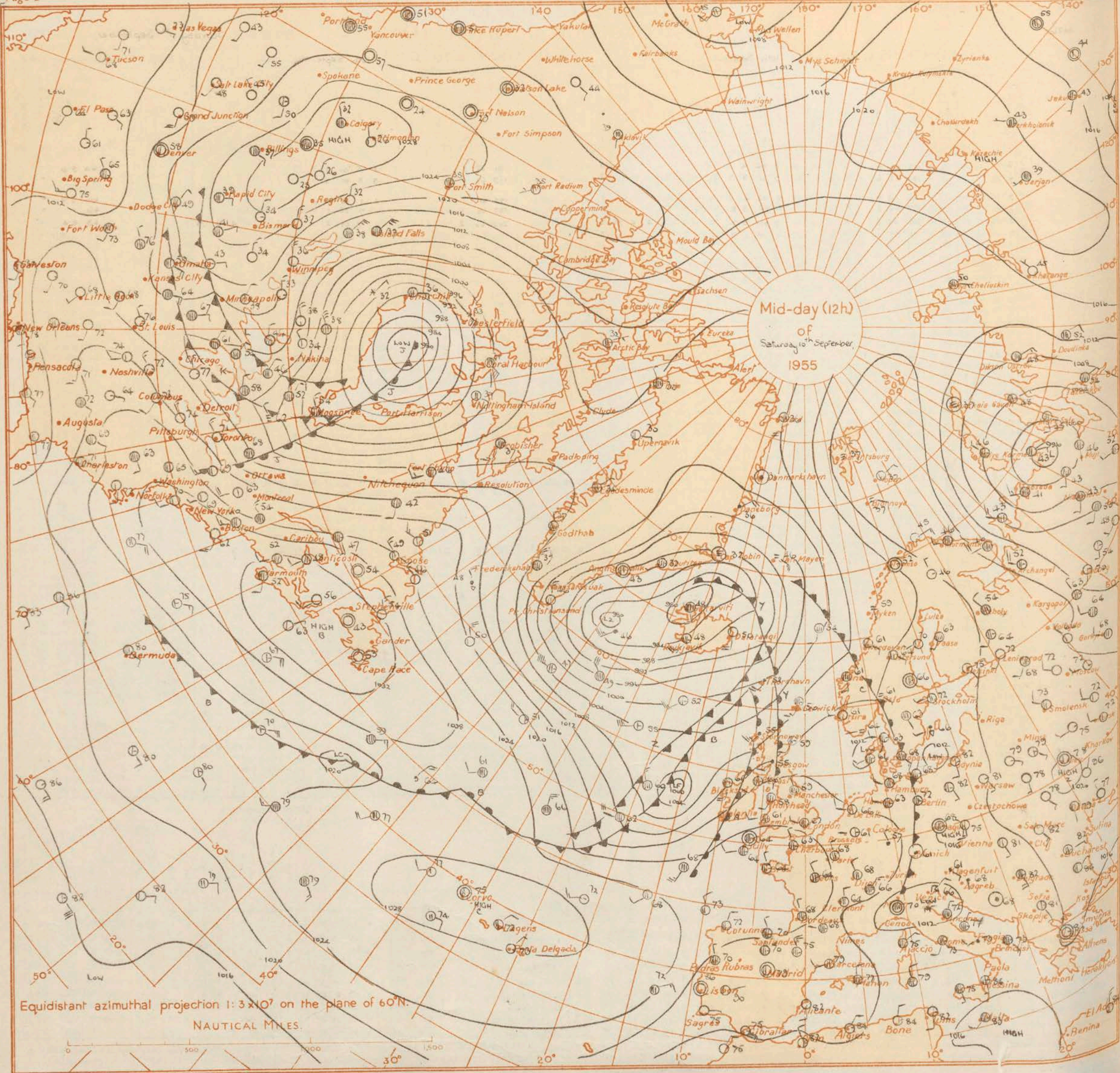
All times of observation printed in this publication are GREENWICH MEAN TIME.

\* 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



Equidistant azimuthal projection 1:3 x 10<sup>7</sup> on the plane of 60°N.

NAUTICAL MILES.

0 500 1000 1500

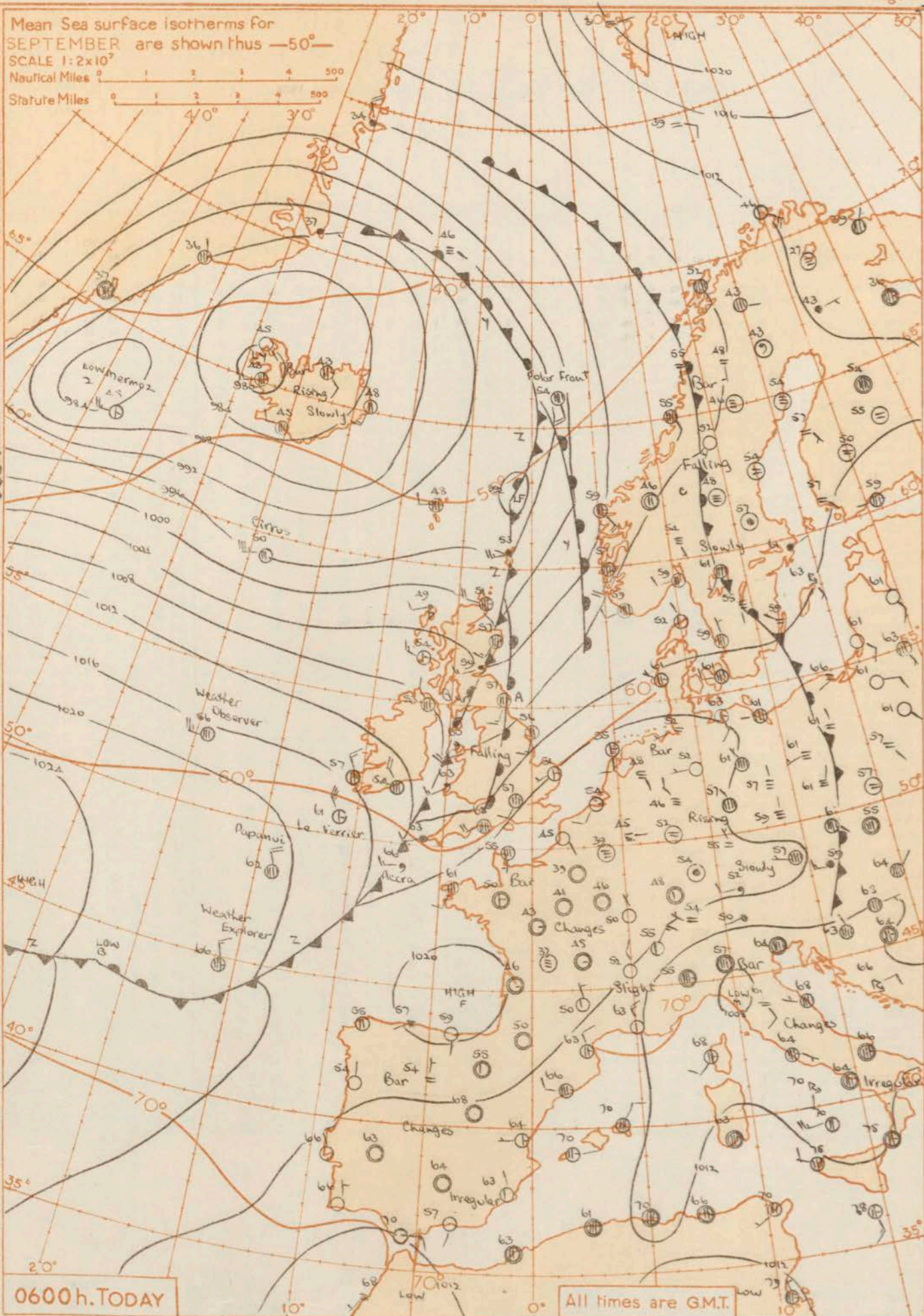
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Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



0600h. TODAY

All times are GMT.

1800h. YESTERDAY

0000h. TODAY

## GENERAL SYNOPSIS DEVELOPMENT

The depression near Iceland remained almost stationary. Warm fronts moved east across the British Isles but were weak in the south. An active cold front moved east across Scotland and Ireland and is expected to continue to move steadily east, with the establishment of a rather cold westerly airstream over the British Isles.

Issued at mid-day today Sunday 11<sup>th</sup> September 1955

## FORECAST FOR BRITISH ISLES until noon tomorrow

A belt of rain over southeastern districts of England will move east clearing the country by evening. In all areas behind the rain belt there will be sunny periods. Scattered showers will occur, mainly in the north. Tonight cloud will largely disperse. It will be rather cool.

## OUTLOOK FOR the following 24 hours:-

Sunny periods and showers in all areas.



## No

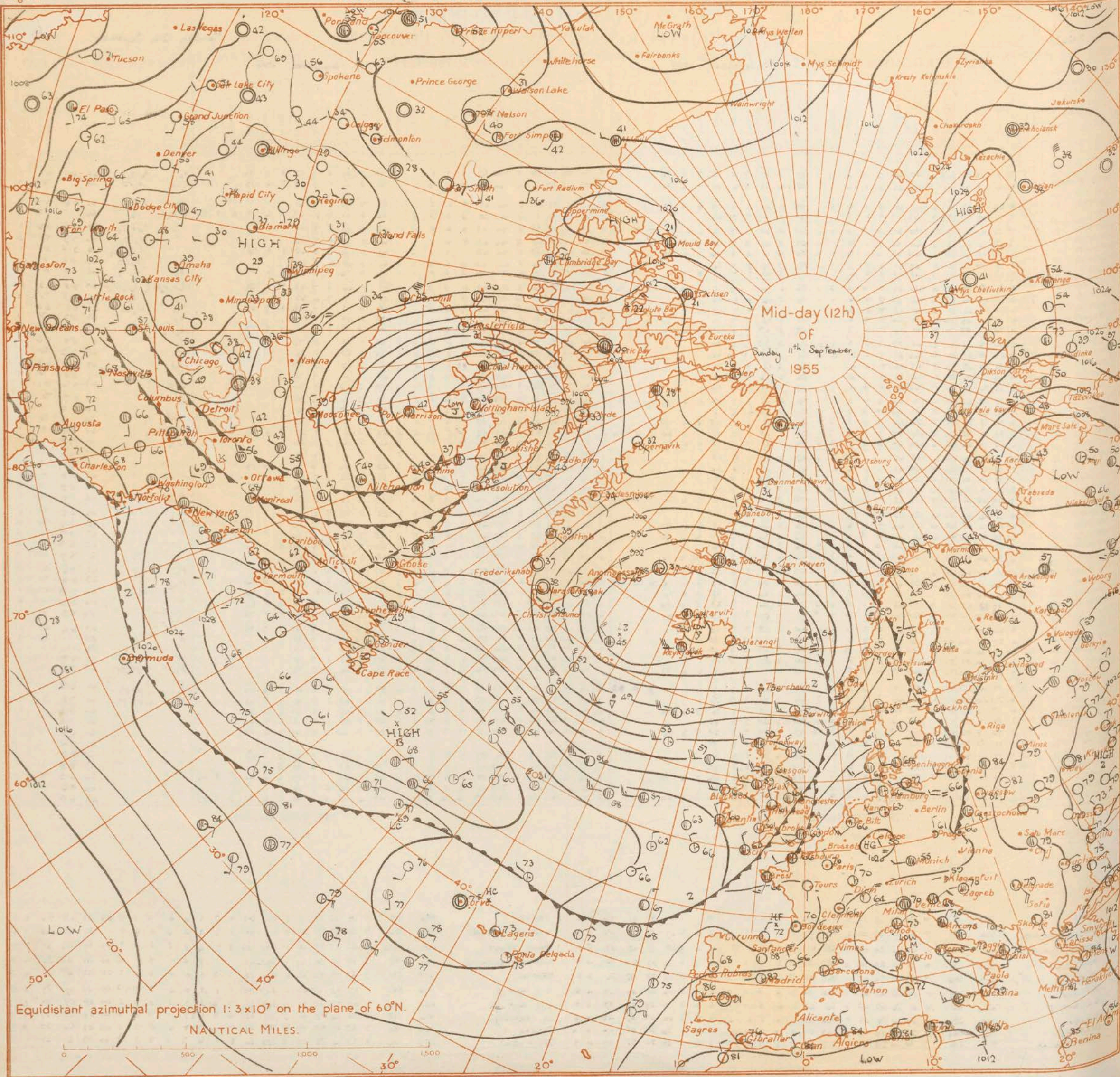
\* Information not usually received.



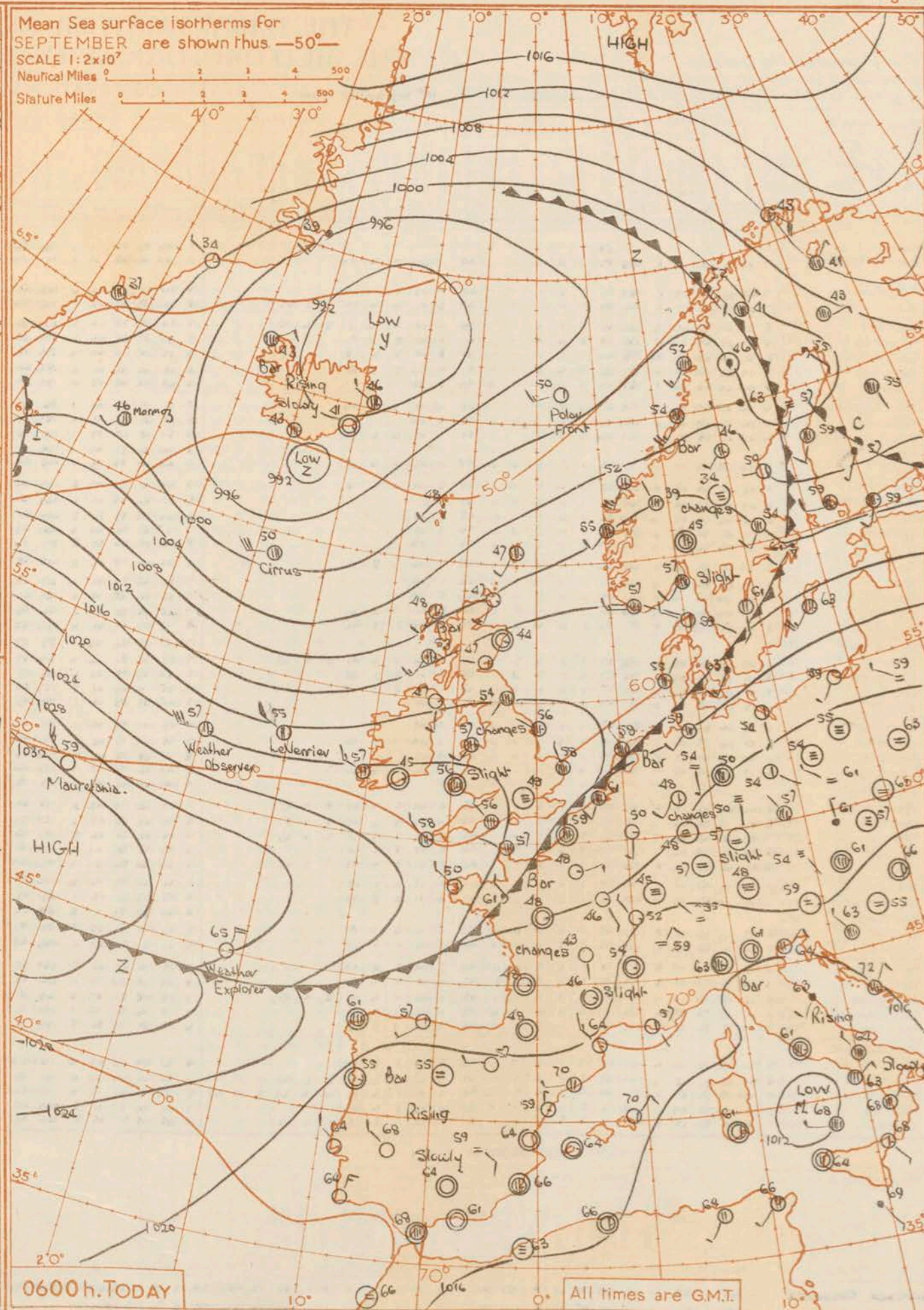
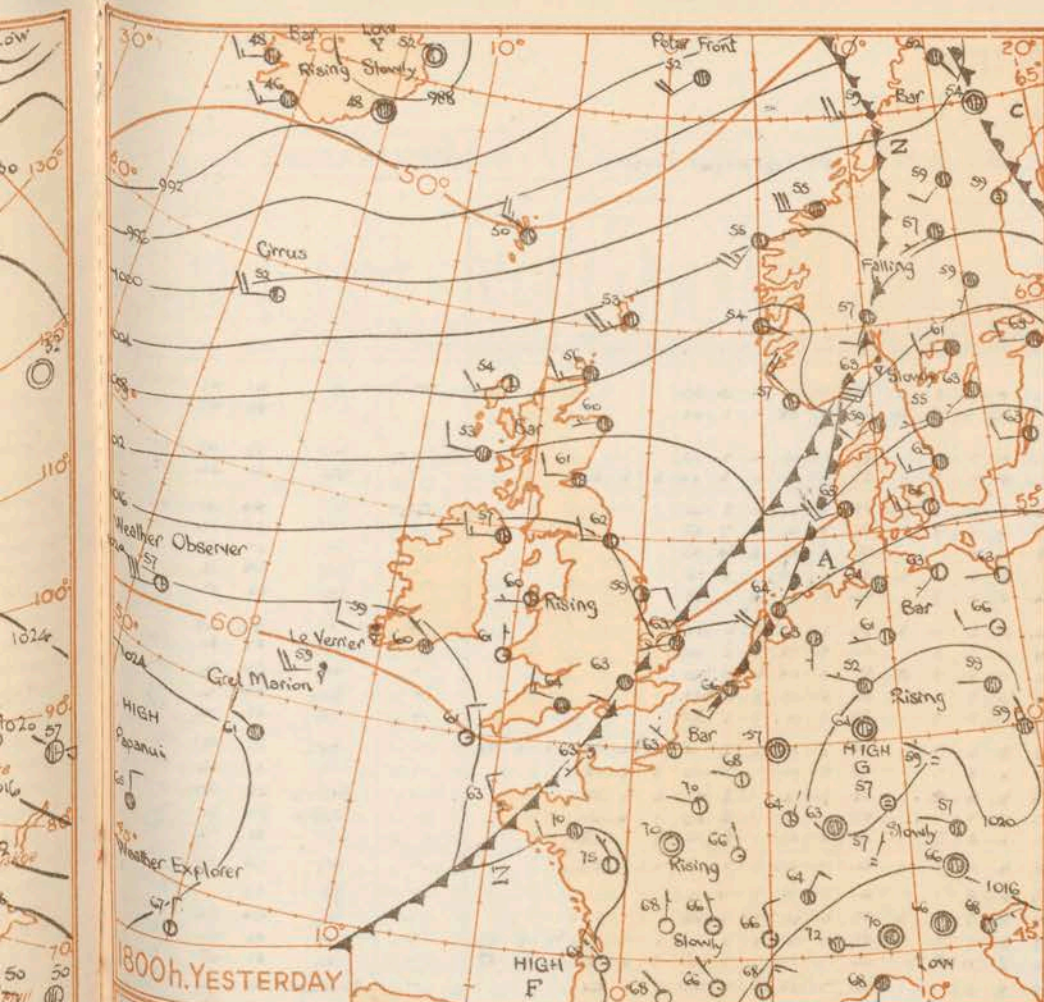
This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some minor creases and discoloration, characteristic of old paper. The left edge of the page is bound, and the overall tone is a warm, off-white or light beige.



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE







0600 h. TODAY

All times are G.M.T.

## GENERAL SYNOPTIC DEVELOPMENT

Issued at mid-day

today Monday 12<sup>th</sup> September, 1955

FORECAST FOR BRITISH ISLES until noon tomorrow

A cold front moved southeast across England and Wales into the continent where it is likely to be slow-moving. A trough of low pressure to the west of Scotland is expected to move eastwards into the North Sea.

Most places will have bright periods and showers. Hail and thunder will probably occur here and there, especially in northern districts. It will be mainly rather cool.

## OUTLOOK FOR the following 24 hours:-

Occasional rain or showers in many areas, especially in the north, but bright periods also.



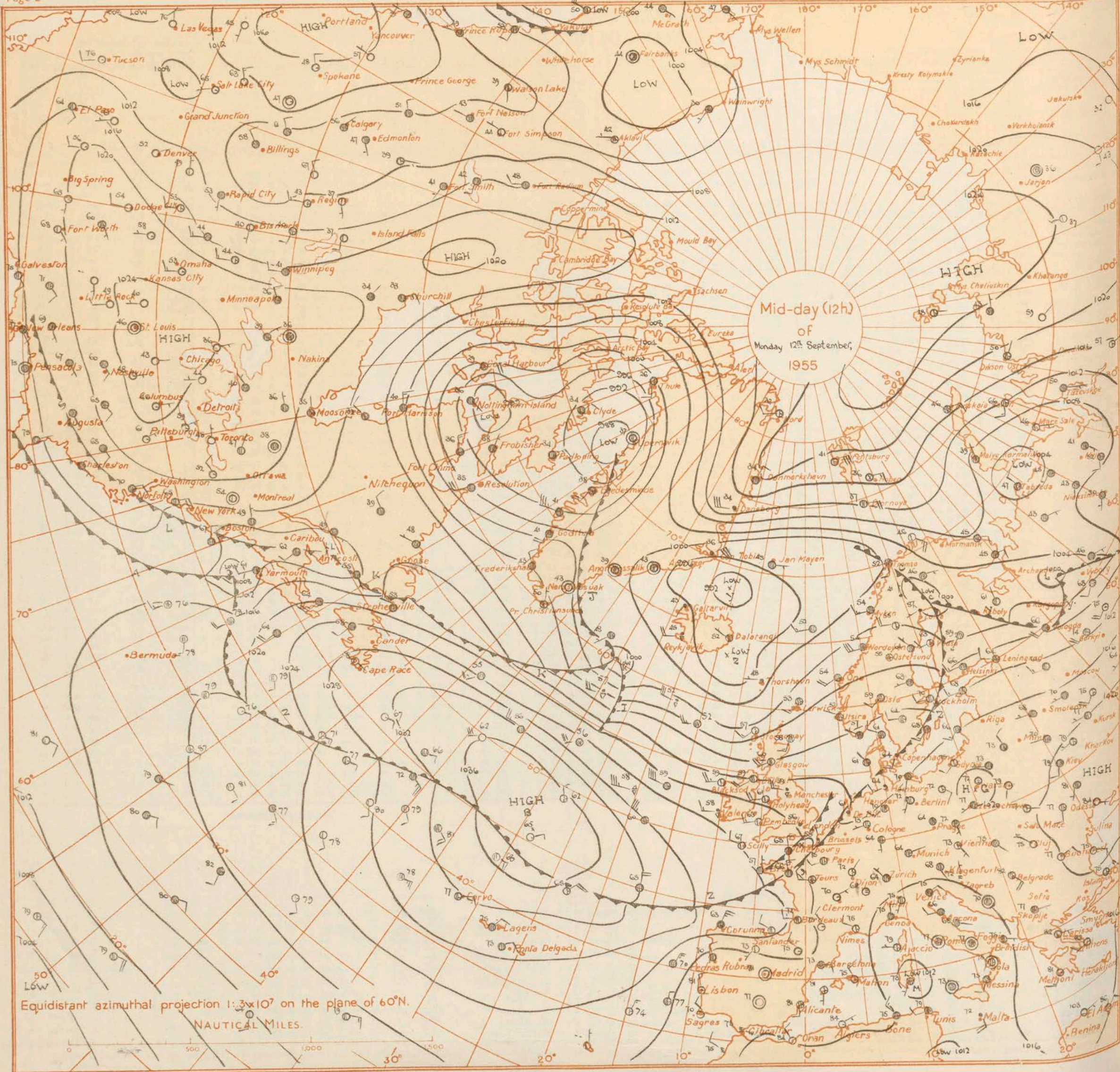
# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 12th September 1955																									OBSERVATIONS at 06h. G.M.T. 12th September 1955																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Coc. FM 11.A	Station	Station Number	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar	Cloud Layers				Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar	Cloud Layers				Weather	Temp.		Rain 24 h to 09h. in	State of ground 09h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Direction	Speed	Present	Past			Amount	Low	Height	Medium			High	Direction	Speed	Present		Past	Amount	Low	Height			Medium	High	Direction	Speed			Present	Past	Amount	Low		Height	Medium			High	Direction	Speed	Present	Past	Amount	Low	Height	Medium	High	Min. 21 h to 09h.	Max. 21 h to 09h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Td	a	pp	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	Ns	C	hshs	N

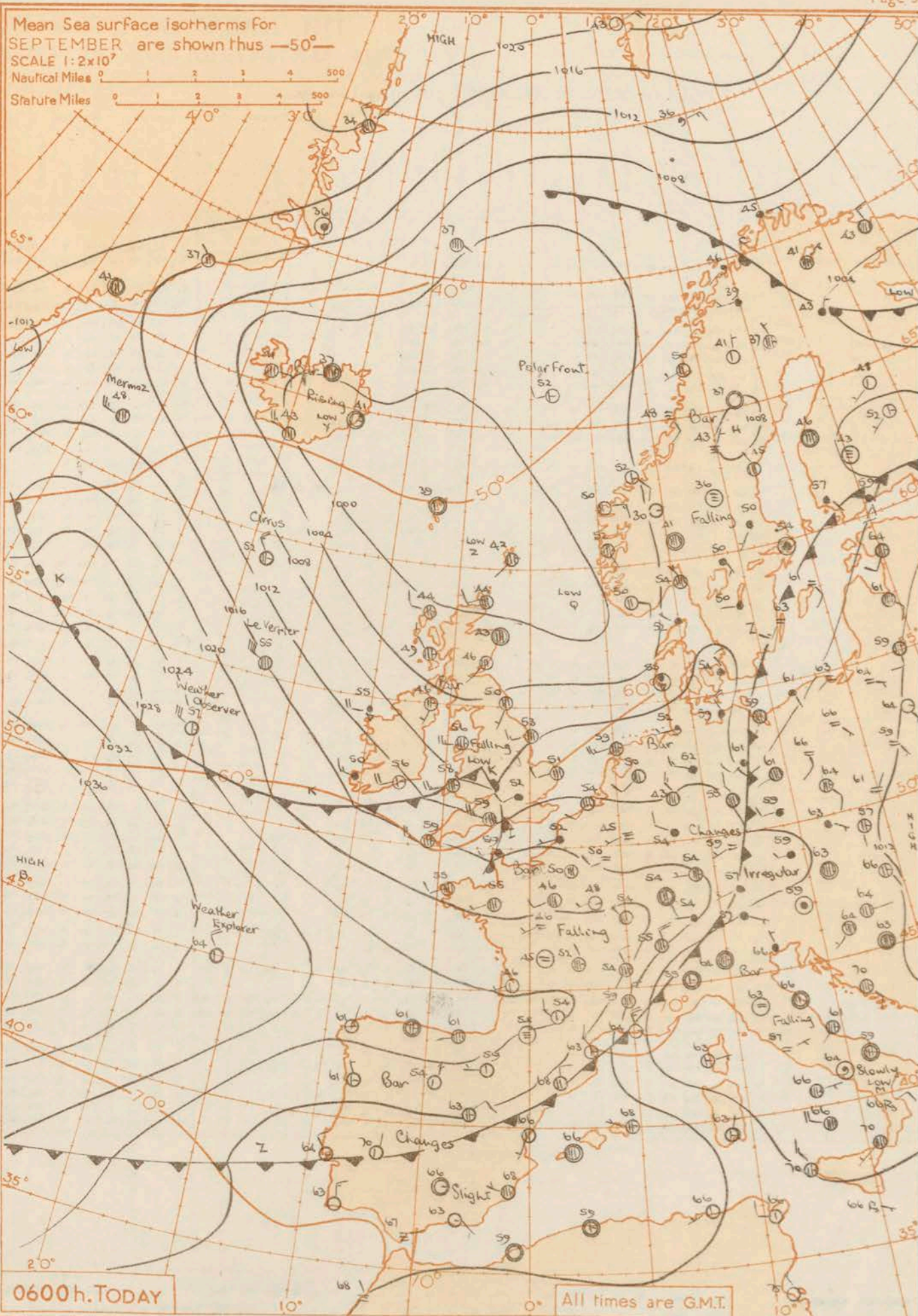






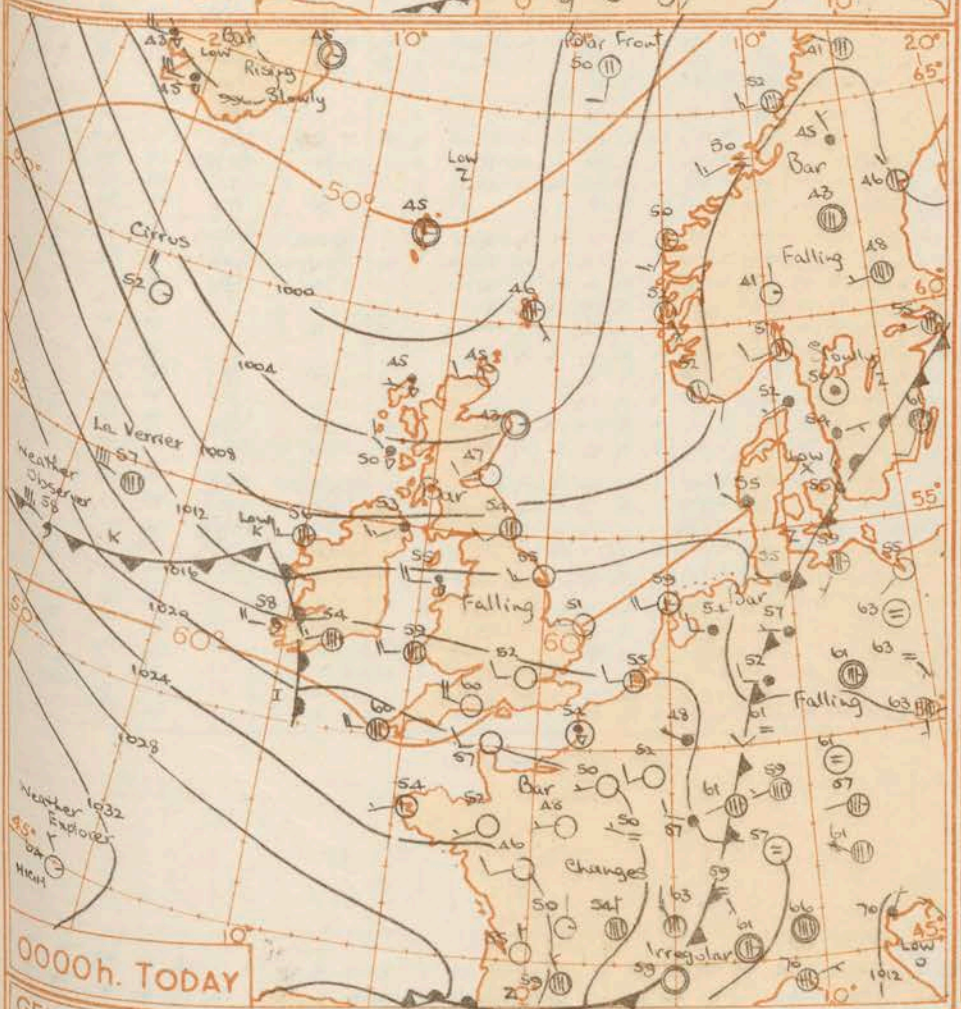






All times are G.M.T.

1800h. YESTERDAY



0600h.TODAY

0000h. TODAY

GENERAL SYNOPTIC DEVELOPMENT

The Atlantic anticyclone moved a little east. Troughs of low pressure travelled eastwards over the British Isles. A cool northwesterly airstream will soon become established over all parts of Great Britain and Ireland.

Issued at mid-day today Tuesday 13<sup>th</sup> September 1955 FORECAST FOR BRITISH ISLES until noon tomorrow

Most districts will have showers and bright periods. The showers will be heavy in places and perhaps accompanied by hail or thunder. It will be mainly cool.

**OUTLOOK FOR** the following 24 hours:-  
Occasional rain or showers and bright periods.





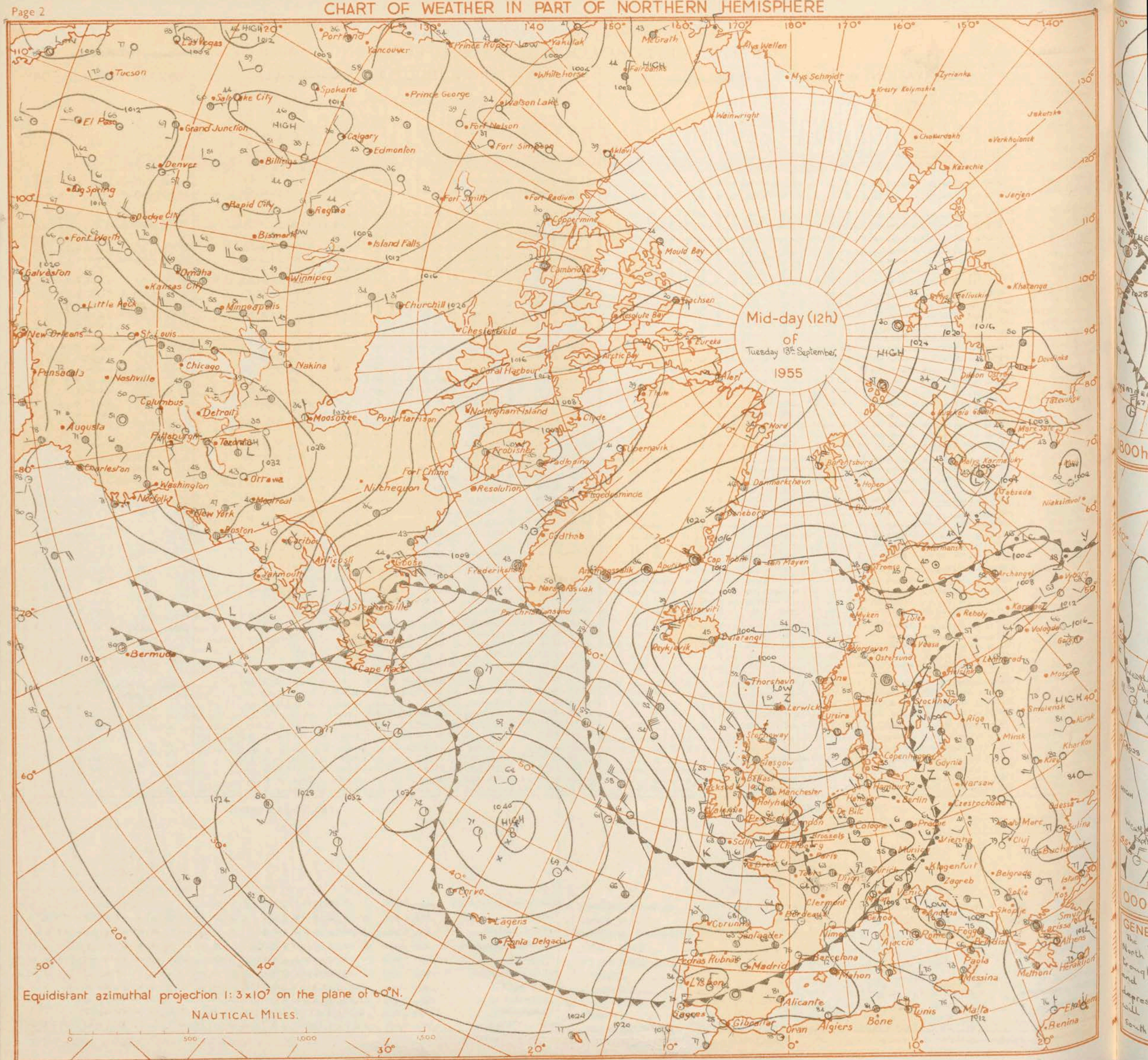


THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

No. 34264

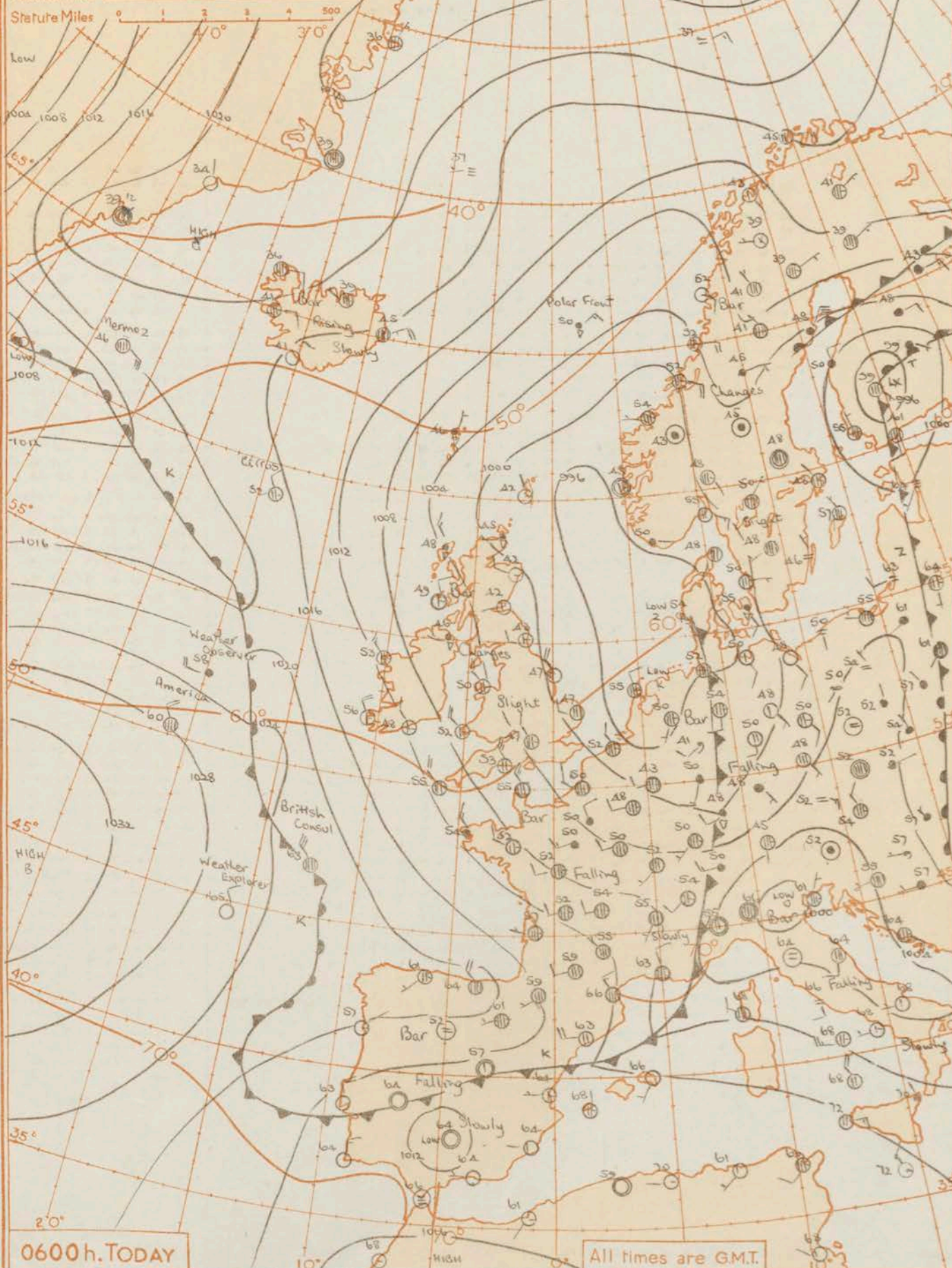
Date of Issue ..... Wednesday, 14<sup>th</sup> September... 1955





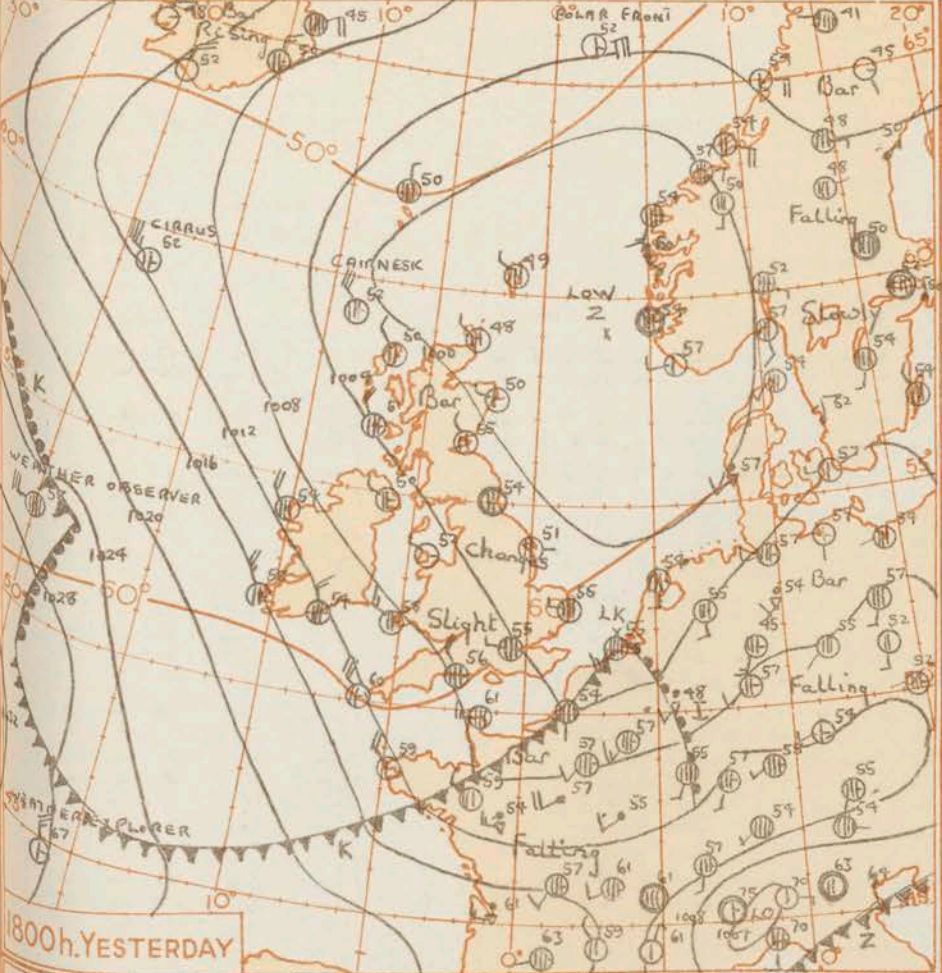


Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500

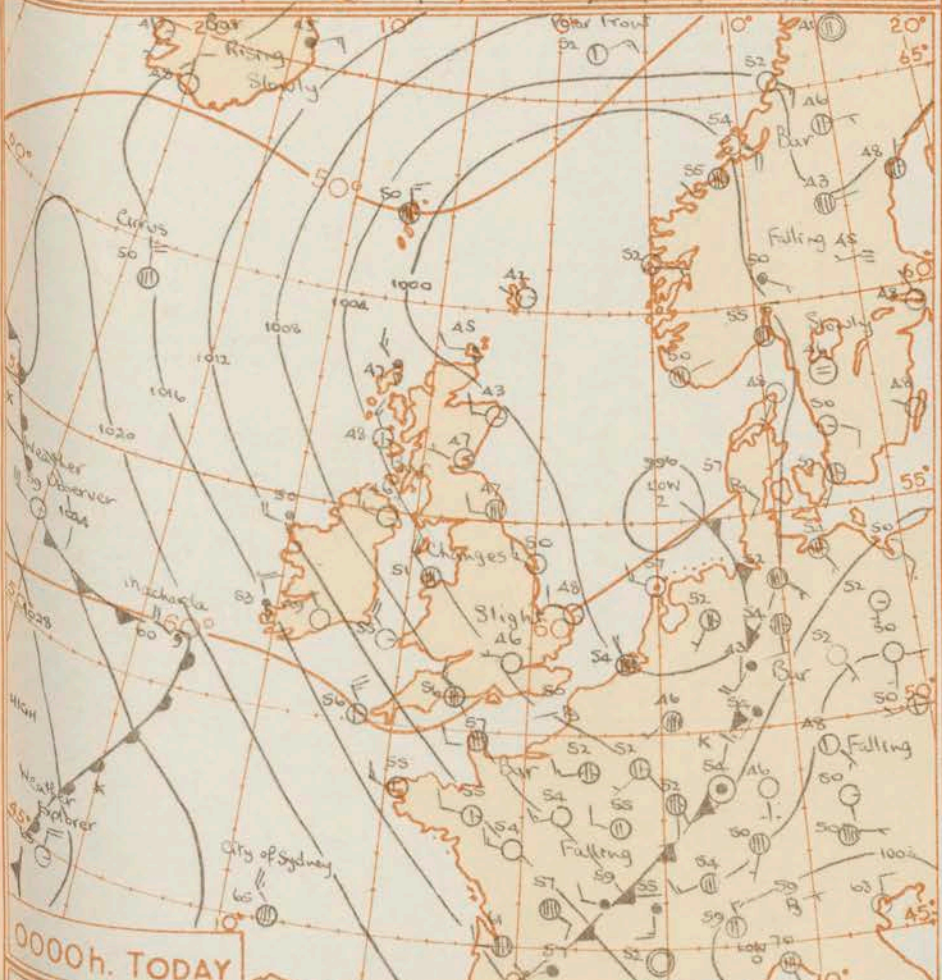


0600h. TODAY

All times are G.M.T.



800h. YESTERDAY



0000h. TODAY

### GENERAL SYNOPTIC DEVELOPMENT

The depression north of Scotland moved south east into the North Sea and will continue to move on present track into Germany with deep troughing to the south. The Intense anticyclone north of Azores will weaken and probably drift south east as trough over west Atlantic advances. A depression moved north east from Newfoundland to near south Greenland; it will probably move to Denmark Strait with minor disturbances travelling quickly south east just west of Britain.

Issued at mid-day today Wednesday 19<sup>th</sup> September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

Moderate to heavy showers with local thunder but some bright periods will occur in most districts. Showers will lighten and become less frequent in the south west. It will be mostly rather cool.

### OUTLOOK FOR following 24 hours.

Showers continuing especially in eastern and northern districts. Probably rain at times affecting some western districts.



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 14th September 1955																									OBSERVATIONS at 06h. G.M.T. 14th September 1955																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Code FM 11.A	Station	Station Number	Total Cloud	Wind Direction	Wind Speed	Visibility	Weather	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	Amount	Form	Height	Amount	Form	Height	Weather	Temp. 21h to 09h.	Min. °F.	Min. °C.	Rain 21h to 09h in in.	State of ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			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)	Ns (16)	C (17)	hghs (18)	Ns (19)	C (20)	hghs (21)	Ns (22)	C (23)	hghs (24)	Ns (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)	hghs (44)	Ns (45)	C (46)	hghs (47)	Ns (48)	C (49)	hghs (50)	21h to 03h (51)	03h to 09h (52)	(53)	(54)	(55)	(56)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Kew	775	*	*	*	*	*	*	45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2	28	05	48	02	0	55.4	45	1	5	5	0	3	43	6	06	1	6	20			42	33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

## 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 & Change in 3 hours	Sea	Dew Point	Direction	Period	Height		
											Amount	Low	Height	Medium	High										
	Lat/L2	Lon/L2	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hv
CIRRUS	589	188	6	25	21	65	03	2	71	50	6	5	4	0	0	7	1	4	38	53	43	79	4	0	
WEATHER OBSERVER	525	102	1	28	28	58	02	5	255	55	1	5	5	0	0	0	0	8	02	00	50	28	3	7	
WEATHER EXPLORER	446	160	1	36	20	58	02	0	251	65	1	1	5	0	0	1	0	01	52	54	34	5	7		
POLAR FRONT	660	0203	2	05	17	55	02	0	064	52	2	3	4	0	0	0	2	05	51	46	06	3	2		
MEMOIR	620	330	3	11	12	38	01	1	716	46	0	0	0	0	0	0	0	01	00	45	04	5	4		
U.S. SHIP "B"	528	305	5	23	18	02	48	8	261	57	8	1	0	0	0	0	7	15	04	57	22	3	4		
U.S. SHIP "D"	440	410	2	18	23	65	02	1	305	73	0	0	0	0	2	0	0	4	05	02	70	20	3	4	
CITY OF SYDNEY	450	085	6	31	24	57	03	2	230	85	6	3	4	0	0	5	4	04	56	52	28	2	4		
MACHADOA	505	137	7	30	22	58	50	2	215	60	0	0	0	0	0	2	5	8	23	56	30	0	0		
GLOUCESTER	450	283	1	28	03	58	01	0	343	60	0	0	0	0	1	6	4	00	00	51	28	3	3		

## 06h. Ships Reports

Ship	LAT.	LONG.	Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Course		Bar.	Temp.	Wave								
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height	Medium	High	Direction				Speed	Character	Change in 3 hours	Sea	Down Point	Direction	Period	Height
	Lat/Lon	Lat/Lon	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ta	Td	dew	Per	He			
CIRRUS	591	159	5	33	11	65	03	1	169	52	2	2	4	0	0	7	1	08	51	45	31	4	3	5			
WEATHER OBSERVER	524	203	8	21	19	56	06	6	127	58	3	6	4	2	0	0	7	12	51	57	28	5	1				
WEATHER EXPLORER	447	161	0	35	18	58	02	0	271	65	0	0	0	0	0	2	1	6	12	53	58	34	1	3			
POLAR FRONT	660	020E	5	04	17	55	02	0	012	50	5	3	4	0	0	0	2	02	51	46	04	1	3				
MERMAID	620	335	8	12	25	58	02	1	157	46	3	5	5	0	0	0	6	06	51	43	04	5	0				
BRITISH COMNAV	467	125	8	31	30	58	02	2	220	63	8	5	0	0	0	3	5	05	55	56	20	3	4				
U.S. SHIP "D"	440	410	6	18	23	65	02	1	281	73	0	0	0	0	6	0	7	03	02	70	20	3	4				
PAPANUI	576	341	4	05	13	55	02	8	300	73	4	3	4	0	0	5	5	13	51	67	08	3	4				
AMERICA	504	210	8	22	20	58	03	2	231	60	8	4	4	0	0	2	8	24	00	53	31	3	5				
IRISH CEDAR	576	016	3	21	15	58	01	0	057	50	3	1	6	0	0	4	5	03	54	44	31	3	5				



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue.....Thursday, 15<sup>th</sup> September.....1955

OBSERVATIONS at 12h. G.M.T. 19<sup>th</sup> September 1955

## OBSERVATIONS at 18h. G.M.T. 14th September 1955

## OBSERVATIONS during DAY

[illegible]

## 12h. Ships Reports

### 18h. Ships Reports

12h. Ships Reports																				18h. 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																								
																												N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw	
	Lalala	LoLoLo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw		Lalala	LoLoLo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw
CIRRUS	590	120	6	36	03	70	02	2	177	58	1	1	5	4	6	0	0	3	01	01	45	31	4	7	WEATHER OBSERVER	532	205	5	27	26	77	01	5	176	59	5	6	4	0	0	0	7	06	50	56	27	3	7			
WEATHER OBSERVER	525	206	8	25	26	97	21	5	197	59	8	7	3	-	-	0	0	7	17	01	59	27	3	4	CIRRUS	590	190	7	08	09	80	03	2	166	52	6	5	5	6	1	0	8	07	52	43	28	4	3			
POLAR FRONT	660	020E	3	02	13	99	02	1	078	50	2	2	4	6	0	0	0	2	04	51	45	03	3	3	POLAR FRONT	460	020E	1	03	03	99	02	0	055	50	1	3	4	6	0	0	0	7	01	52	43	03	3	2		
WEATHER EXPLORER	452	160	3	34	20	98	01	1	274	66	2	1	5	0	0	8	1	2	01	52	56	34	5	0	WEATHER EXPLORER	453	161	1	32	14	98	02	0	245	65	1	4	5	0	0	0	6	13	53	57	34	5	5			
HERMOZ	620	331	8	11	41	60	02	6	124	46	8	5	4	-	-	2	2	8	27	52	43	11	4	6	HERMOZ	614	320	8	11	39	16	63	6	049	46	8	7	1	-	-	7	3	7	43	54	45	11	3	8		
U.S. SHIP C	528	355	9	20	22	01	45	4	129	57	9	-	0	-	-	0	0	7	23	04	57	21	3	4	U.S. SHIP C	528	355	8	27	20	65	01	6	117	55	2	5	5	7	-	0	0	3	10	02	50	21	3	4		
U.S. SHIP D	440	410	7	20	27	02	1	247	74	6	1	5	4	0	0	0	0	7	03	03	71	20	3	4	U.S. SHIP D	440	410	8	23	17	65	80	8	238	71	6	2	5	7	-	0	0	7	05	00	69	2	3	4		
LEVERIER	591	224	5	19	06	70	01	2	175	52	2	8	5	4	2	6	4	8	07	51	43	31	4	3	CORTONA	515	446	3	18	09	97	61	5	157	55	4	3	4	-	-	2	6	18	56	53	-	-	-			
BRITISH CONSUL	465	138	3	32	30	98	02	0	233	64	3	1	-	0	0	5	3	4	00	55	59	30	5	6	LAIRNESE	588	143	3	10	24	98	02	1	144	53	3	1	6	0	0	6	3	2	00	55	42	-	-	-		
GLoucester	483	328	1	21	24	97	01	1	265	65	0	0	9	0	1	6	5	7	30	05	60	21	2	3	MAIRENGO	587	125	5	34	25	98	18	8	120	52	5	4	3	-	-	6	4	3	20	54	46	34	3	5		

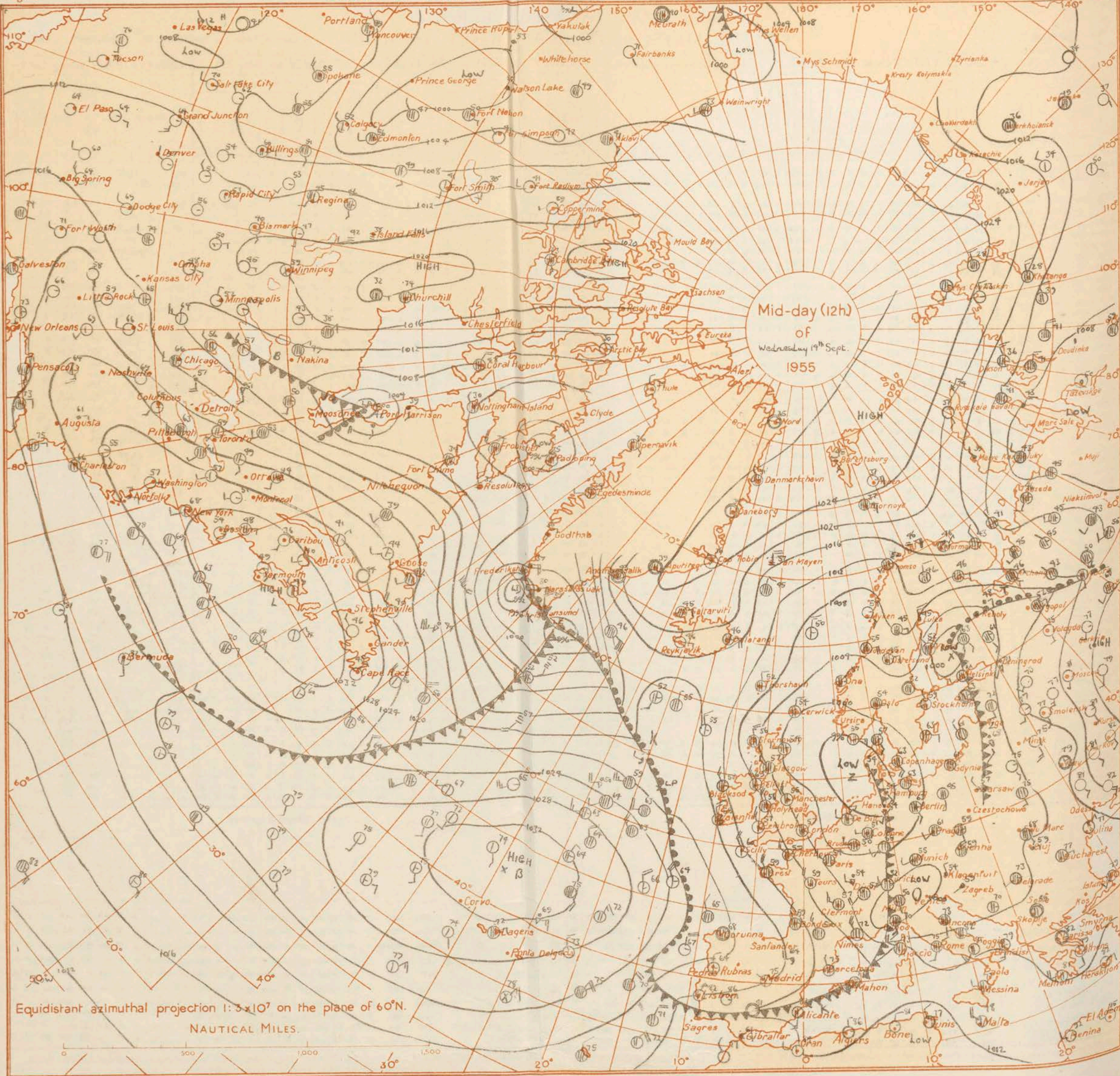
All times of observation printed in this publication are GREENWICH MEAN TIME

\* Information not usually received.

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



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

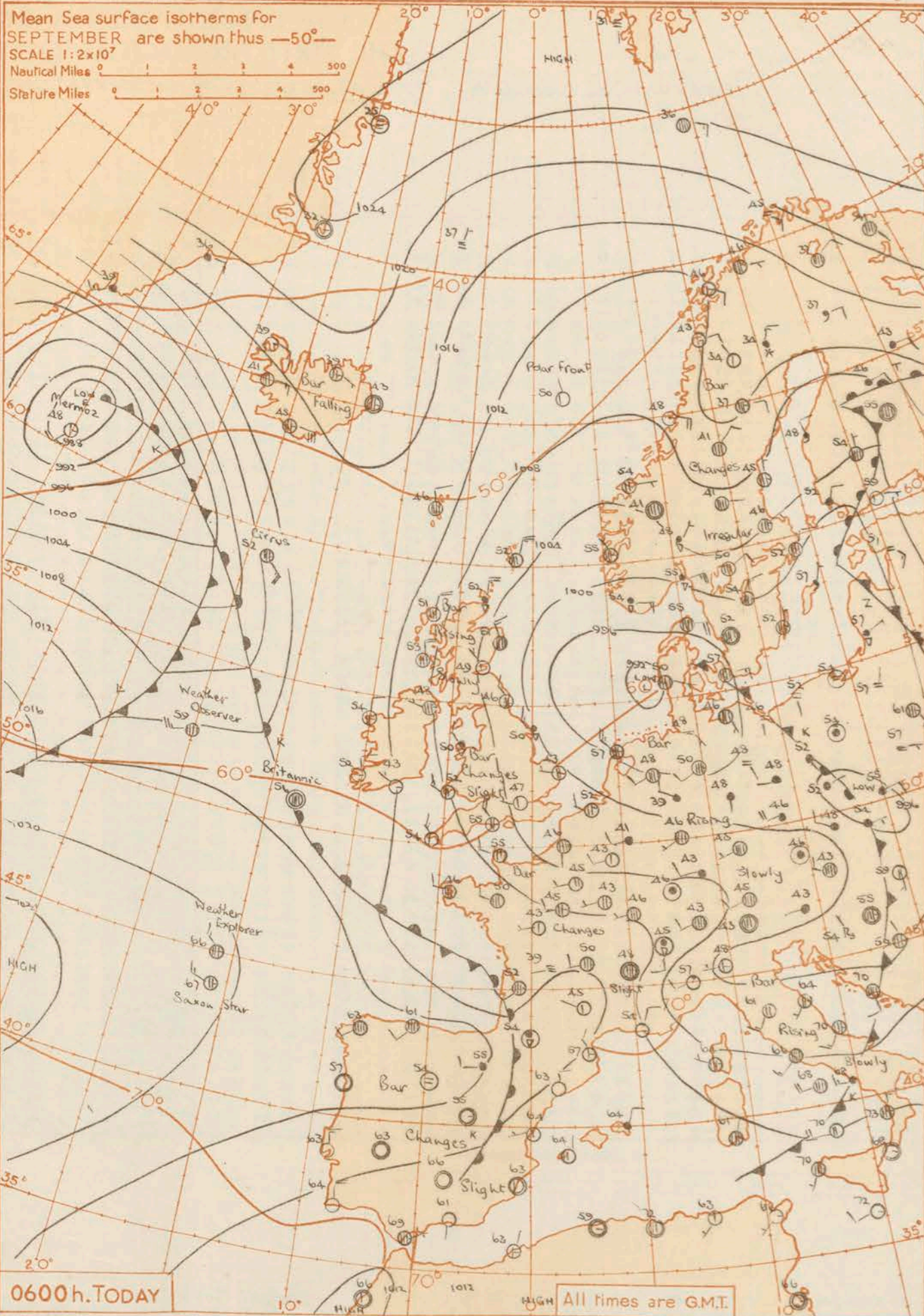


Equidistant azimuthal projection 1:3x10<sup>7</sup> on the plane of 60°N.

NAUTICAL MILES.



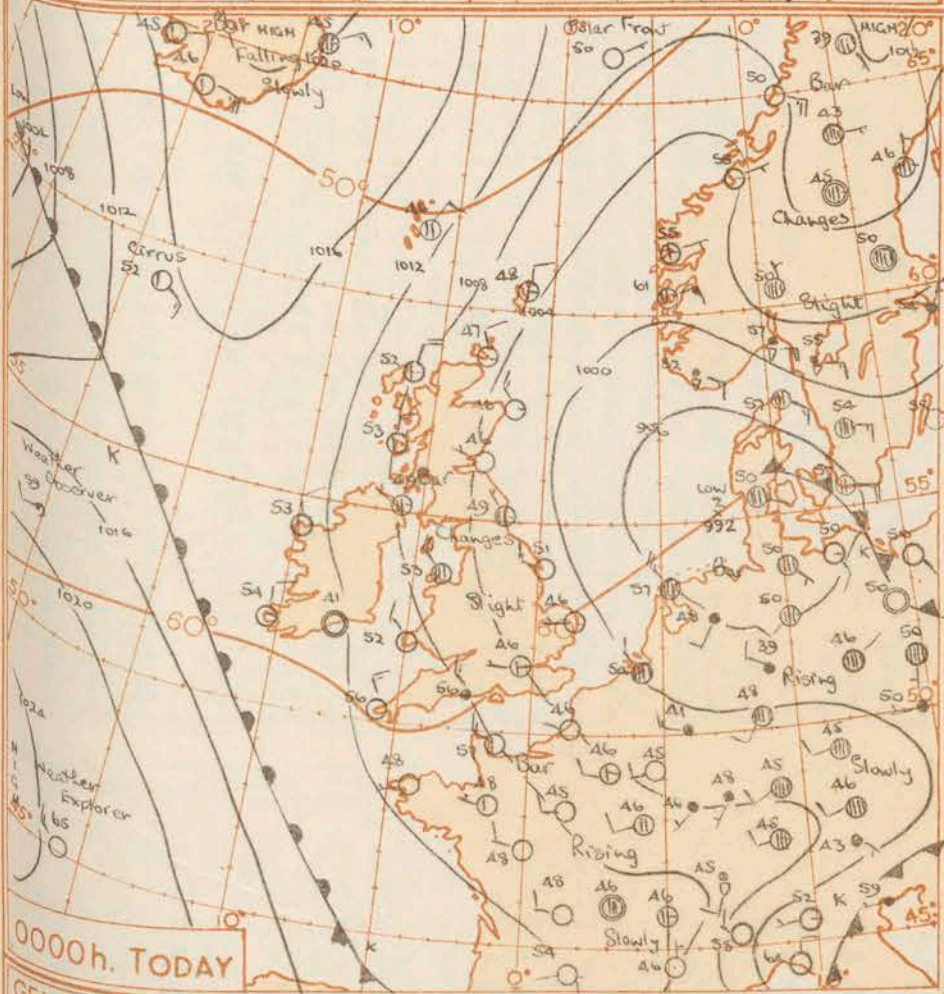
Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50—  
SCALE  $1:2 \times 10^7$   
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



0600h. TODAY

All times are G.M.T.

800h. YESTERDAY



0000h. TODAY

### GENERAL SYNOPSIS DEVELOPMENT

A depression over the North Sea moved slowly southeast to southern Denmark; it will probably drift a little to the east later. Another depression moved from southern Davis Strait to the Denmark Strait and then is expected to move rather slowly east or northeast with deep troughing to the southeast. The almost stationary high near the Azores will continue to weaken as a trough advances followed by a new anticyclone moving steadily from the west.

Issued at Mid-day today Thursday 15th September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

It will be another day of showers and sunny intervals with some thunderstorms especially in the eastern half of England. Showers will be scattered night and morning tomorrow but local thunder may persist in the east. More general cloud with rain in places will spread to northern Ireland and many western districts later tonight and tomorrow morning. It will be mainly rather cool.

### OUTLOOK FOR

following 24 hours:- Cloudy weather with rain at times moving east followed by brighter weather in most districts



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 15th September 1955																									OBSERVATIONS at 06h. G.M.T. 15th September 1955																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Cos. FM 11.A		Station Number	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar.	Cloud Layers				Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar.	Cloud Layers				Weather	Temp.		Rain 21h. to 06h. m.m.	State of Ground 06h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			Direction	Speed	Visibility	Present			Past	Amount	Low	Height			Medium	High	Character	Change in 3 hours		Amount	Form	Height	Amount			Form	Height	Amount	Form			Height	Direction	Speed	Visibility		Present	Past			Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	21h. to 03h.	03h. to 09h.	Min. °F.	Max. °F.	on grass																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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)	(56)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Kew	775	2	37	07	74	03	1	038	46	3	6	5	0	0	43	7	05	3	6	40						2	29	06	56	01	1	031	47	2	5	5			44	5	03	2	6	25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</

## 00h. Ships Reports

Code FM 21.A	Wind		Weather		Cloud		Course		Bar.		Temp.		Waves	
Ship	LAT.	LONG.	Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High
	Lat	Lon	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM
CIRIUS	590	190	3	13	13	75	03	1	156	52	1	5	7	2
WEATHER OBSERVER	525	206	8	26	12	94	51	8	172	59	8	6	1	
WEATHER EXPLORER	451	160	0	30	14	98	02	0	224	65	0	0	9	0
POLAR FRONT	660	020E	0	04	05	99	01	0	092	50	0	0	9	0
MERMIOZ	612	316	8	14	31	16	63	6	261	48	8	7	2	
U.S. SHIP 'C'	528	355	2	29	25	69	01	1	153	55	2	5	5	0
U.S. SHIP 'D'	440	410	6	36	26	65	01	2	278	65	0	0	9	4
LE JERRIER	598	271	8	15	33	50	63	6	041	52	3	7	4	2
AGSYRIA	532	267	8	29	30	98	02	8	157	50	8	4	3	
IRISH PINE	536	267	9	23	12	92	45	1	141	59	9	0		

## 06h. Ships Reports

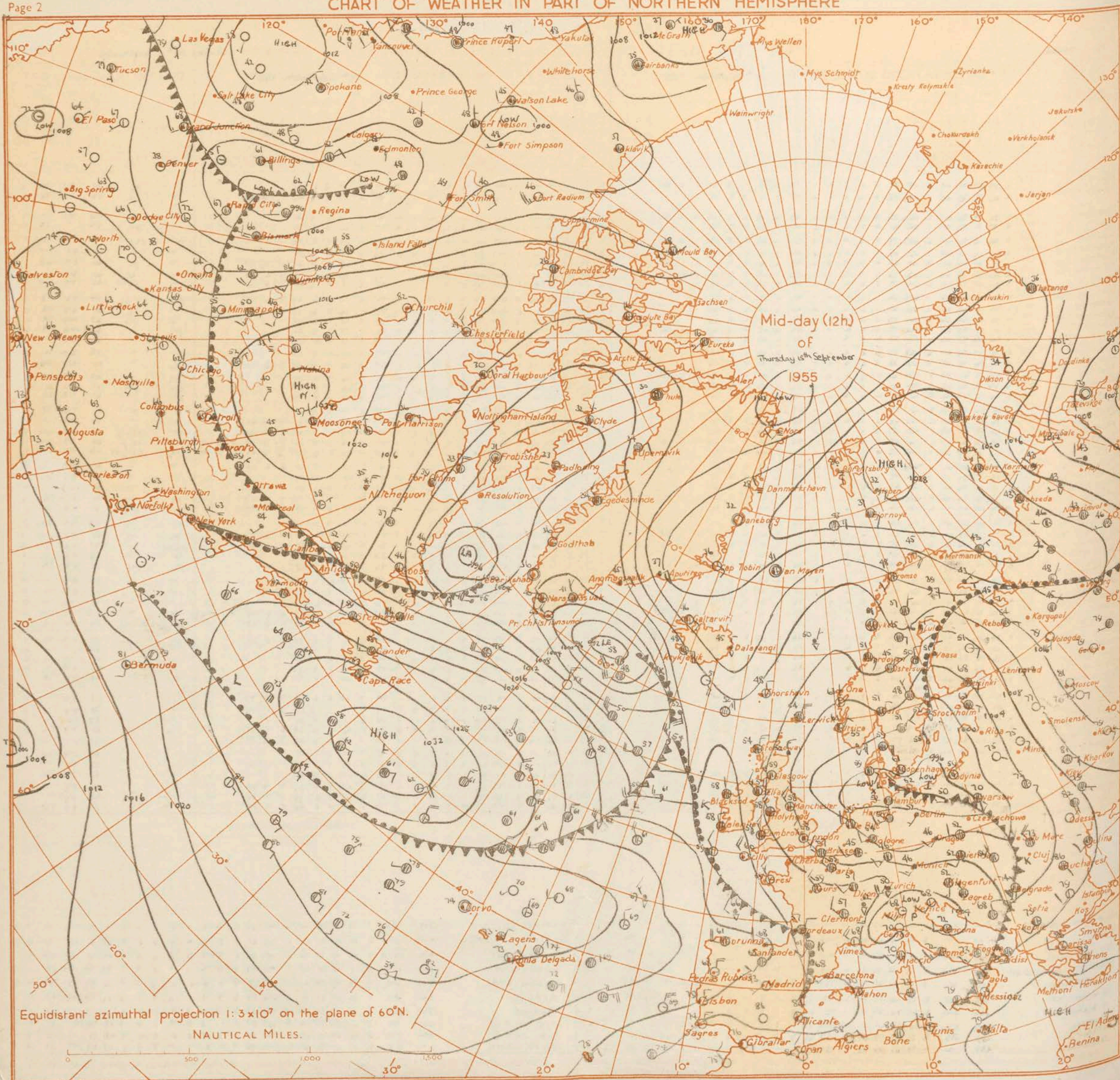
Ship	LAT.	LONG.	Total Cloud	Wind			Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Course		Bar.	Temp.	Wave						
				Direction	Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction				Speed	Character	Change in 3 hours			
	Lat	Lon	N	dd	#	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	dew	Pw	H	
CIRIUS	590	191	7	14	25	65	01	1	103	52	2	5	7	0	3	1	8	29	51	45	12	1	3		
WEATHER OBSERVER	523	203	8	24	23	95	20	4	128	59	8	6	2	.	0	0	7	19	00	59	26	3	3		
WEATHER EXPLORER	451	160	7	31	16	98	01	2	205	66	4	5	7	-	0	0	6	13	51	63	32	5	4		
POLAR FRONT	660	020E	2	35	03	99	02	1	094	50	2	8	5	0	0	0	7	01	51	43	49	4	5		
MEAMOEZ	605	303	3	21	22	60	01	6	937	48	1	7	4	7	5	3	4	8	07	41	14	8	5		
U.S. SHIP 'C'	528	355	8	29	30	65	02	1	182	52	8	3	5	-	0	0	2	15	00	43	36	3	6		
U.S. SHIP 'D'	440	410	2	36	28	65	01	1	297	62	2	5	5	0	0	0	1	07	58	46	-	-	5		
BRITANNIC	511	136	8	99	02	97	02	4	147	56	8	6	3	.	2	6	5	30	56	60	53	3	5		
PHILOMEL	434	092	8	28	09	98	50	2	191	62	8	5	6	.	1	1	1	01	51	59	30	1	5		
SAXON STAR	438	101	5	30	13	98	01	2	220	67	5	5	5	0	0	5	4	2	10	51	59	30	1	5	

recd.



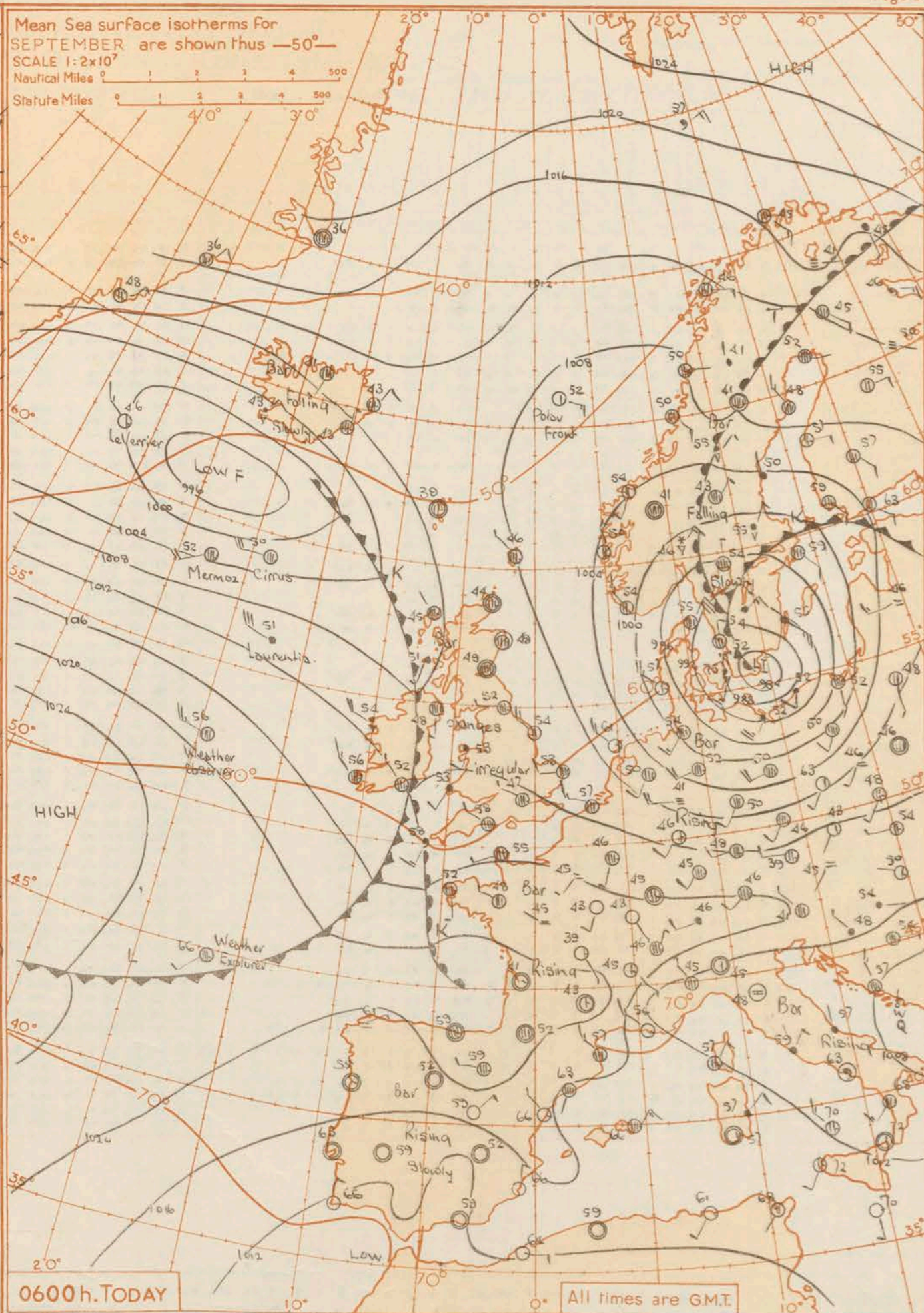








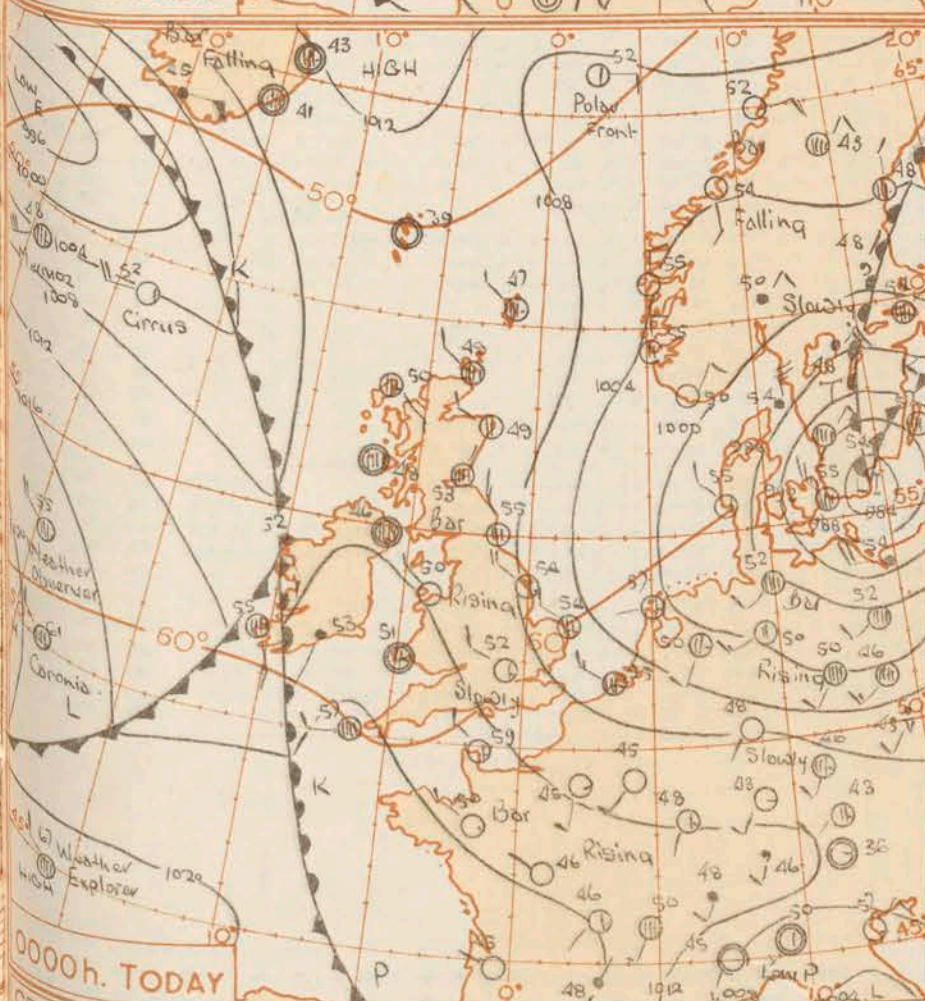
Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



0600h. TODAY

All times are GMT.

800h. YESTERDAY



0000h. TODAY

### GENERAL SYNOPSIS DEVELOPMENT

The depression near Denmark filled and a new depression deepened rapidly and moved north-northwest across the Baltic. This depression is expected to fill as it continues to move slowly north-northwest. A depression moved east towards Iceland and will become almost stationary, but a weak occlusion from this system will move slowly east across all parts of the British Isles. The anticyclone which moved east across the Atlantic is expected to continue to move east, but rather more slowly.

Issued at Mid-day today Friday 16th September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

In all areas there will be a good deal of cloud and occasional slight rain in western districts of Great Britain will spread slowly east and will be followed by brighter weather and, in the north, some showers. The improvement should reach all areas by tomorrow morning. Temperatures will be near the September normal.

### OUTLOOK FOR

following 24 hours :-

Sunny intervals, mainly dry in the south, showers in the north.







No. .... 34267

Date of Issue... Saturday 17<sup>th</sup> September..... 1955

No. .... 34267

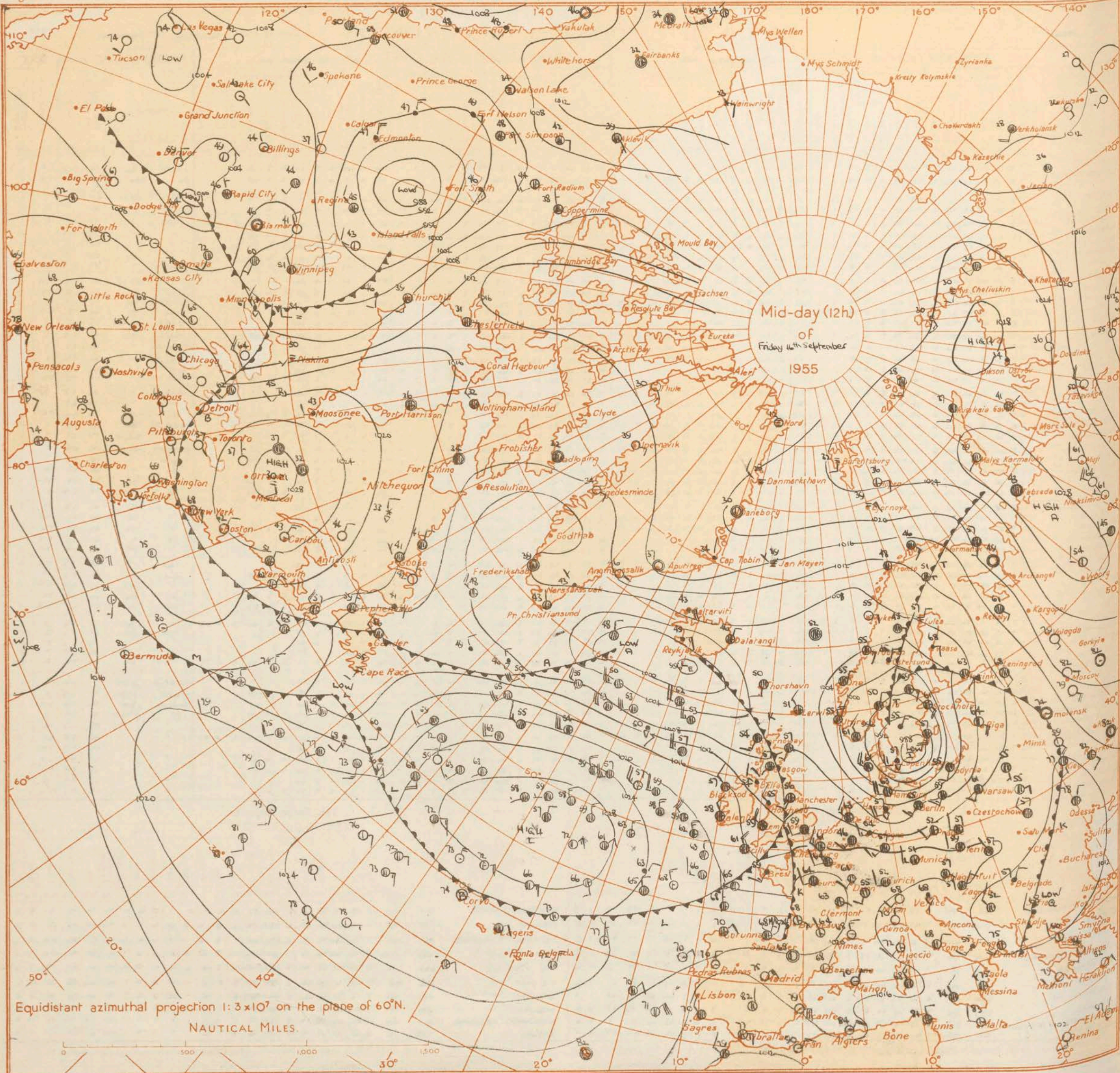
		OBSERVATIONS at 12h. G.M.T. 16th September 1955																									OBSERVATIONS at 18h. G.M.T. 16th September 1955																									OBSERVATIONS during DAY										
Code FM 11.A	Station	Station Number	Total Cloud	Wind Direction	Wind Speed	Visibility	Weather Present	Weather Past	Bar at M.S.L.	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	Weather Present	Weather 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 (1)	dd (2)	ff (3)	vv (4)	ww (5)	xx (6)	ppp (7)	TT (8)	Nh (9)	Cl (10)	h (11)	Ch (12)	CH (13)	Td (14)	a (15)	pp (16)	Ns (17)	C (18)	hshs (19)	Ns (20)	C (21)	hshs (22)	Ns (23)	C (24)	hshs (25)	N (26)	dd (27)	ff (28)	vv (29)	ww (30)	xx (31)	ppp (32)	TT (33)	Nh (34)	Cl (35)	h (36)	Ch (37)	CH (38)	Td (39)	a (40)	pp (41)	Ns (42)	C (43)	hshs (44)	Ns (45)	C (46)	hshs (47)	Ns (48)	C (49)	hshs (50)	09h. to 15h. (51)	15h. to 21h. (52)	(53)	(54)	(55)	(56)				
	Kew London Airport	775	8	23	09	80	21	2	136	59	2	5	7	7	-	49	8	02	1	7	25	8	4	55				8	00	00	23	51	5	131	56	4	7	2	-	-	54	6	05	4	7	04	2	7	10					irodd	rodo	59	0.0	0.5	1			
		772	8	24	11	74	02	6	137	59	2	1	5	7	-	48	0	01	2	8	30	8	4	60				8	13	01	28	58	6	128	55	6	6	2	-	-	55	6	09	6	7	05	2	7	08					do	rodo	61	0.0	0.6	1			
	Tangmere	874	8	24	10	66	21	6	145	59	2	6	4	7	-	54	7	01	2	15	8	3	60				4	27	08	57	01	6	126	60	4	8	4	6	0	0	58	5	13	1	8	15	3	6	35					rr	ddrr	61	0.1	7	1			
		862	8	22	08	48	58	6	142	55	4	6	3	-	-	53	8	04	4	1	06	2	7	10				3	30	16	65	25	8	138	61	3	8	6	0	0	54	2	16	1	8	15	3	6	40					rr	pro	65	0.1	3	1			
	Guernsey	894	8	20	18	46	63	6	162	56	2	6	1	-	-	56	8	01	3	7	02	7	7	05				4	25	20	70	02	6	171	59	3	1	4	2	51	2	12	3	8	15	1	3	55	0	70					rrrd	-	59	1.6	8	1		
	Felixstowe	697	7	25	13	61	01	2	118	58	4	5	5	7	1	49	2	05	4	6	21	7	3	36				7	27	06	6	02	2	133	58	6	5	6	7	1	2	53	6	03	6	35	7	4	38					-	-	62	1.2	-	0			
	Gorleston	497	7	25	13	61	01	2	118	58	4	5	5	7	1	49	2	05	4	6	21	7	3	36				7	27	06	6	02	2	133	58	6	5	6	7	1	2	53	6	03	6	35	7	4	38					-	-	64	1.1	-	0			
	Mildenhall	578	7	24	14	71	03	2	124	63	2	8	2	3	2	47	0	04	2	8	06	6	5	55				7	21	07	69	01	6	125	58	6	5	6	3	-	-	52	3	03	2	7	12	6	6	35					irodd	iro	58	1.8	7.2	0		
	Cranfield	557	8	26	11	71	03	6	125	58	2	8	2	-	-	47	0	01	1	8	28	6	5	55				6	23	10	59	01	6	127	56	6	6	7	-	-	52	3	03	2	7	12	6	6	35					irodd	iro	58	0.1	7.2	0			
	West Raynham	485	8	27	09	53	02	2	116	55	4	5	5	7	-	49	0	06	4	6	25	7	3	39				7	24	05	58	02	5	116	56	7	5	5	-	-	47	2	02	7	6	20					-	ido id	61	0.8	0.3	1						
	Wittering	462	7	26	10	63	02	2	122	60	4	2	5	3	-	48	1	03	4	8	25	7	3	35				7	24	03	74	02	6	123	57	7	8	6	-	-	51	2	01	1	8	20	7	6	35					iro	-	61	0.8	7.2	0			
	Boscombe Down	746	8	20	15	59	01	6	139	53	4	6	4	2	-	52	8	04	4	7	10	5	6	25	8	4	58	7	23	11	64	02	6	135	57	7	4	5	-	-	55	3	16	1	7	14	7	6	25					iro	ro	56	0.1	1	1			
	Ross-on-Wye	627	8	20	05	61	01	6	118	55	8	5	4	-	-	52	8	05	8	6	15	5	6	25				7	25	07	71	01	8	138	57	7	4	5	6	1	0	1	48	2	2	6	30					iro	ro	56	0.1	0.6	1					
	Bristol	628	8	21	08	26	53	6	121	55	8	6	2	-	-	52	8	06	8	7	05							6	31	07	66	25	8	143	57	6	5	6	-	-	51	2	10	6	6	30					irodd	ido pro	58	0.1	1	1						
	Aberporth	502	8	24	09	48	50	6	122	54	3	6	2	2	-	54	3	10	2	7	02	3	7	05	8	5	15	6	31	11	83	02	8	156	57	5	8	4	3	-	-	49	2	15	2	8	18	4	6	35					ido id	pro	58	1.0	2	1		
	Pembroke Dock	604	7	31	18	92	20	6	124	59	7	5	6	-	-	54	3	06	2	7	10	7	6	30				4	30	09	74	02	1	163	60	4	6	5	0	0	51	2	7	4	6	25					dodo id	-	61	4.2	1	1						
	Plymouth	827	7	30	14	66	20	6	135	55	4	5	4	3	2	54	5	06	4	6	13	7	0	70				4	32	13	74	03	1	71	59	3	5	5	0	0	48	3	22	3	6	24					rrdodo	-	62	4.6	3	1						
	Chivenor	707	7	31	10	72	21	6	126	60	7	5	4	-	-	55	3	07	4	6	13							4	32	18	83	01	2	165	54	4	8	5	0	0	51	2	15	3	8	20					ro	ro	61	2.3	0.1	1						
	St. Eval	820	7	29	14	74	02	6	145	59	7	5	4	-	-	52	2	18	7	6	14							3	31	16	81	01	2	178	58	3	8	6	0	0	48	2	16	1	8	22	3	6	35					ro	dd	62	3.0	0.2	1			
	Culdrose	809	7	31	12	66	02	5	151	59	4	8	4	7	-	50	2	14	2	8	10	4	6	15	7	3	59	2	32	20	71	01	2	185	57	2	8	5	0	0	48	2	20	1	8	20					dodo	-	61	5.7	-	0						
	Scilly	804	8	23	18	75	01	5	154	61	3	5	4	0	6	48	2	15	3	6	16	6	2	7.5				3	31	13	81	02	0	152	56	3	8	4	0	0	47	2	15	3	8	19					-	-	64	5.3	-	0						
	Elmdon	534	8	22	06	86	50	5	124	53	8	6	4	-	-	51	0	01	1	7	03	8	7	12				7	29	11	31	50	5	127	56	5	5	5	-	-	52	3	08	2	7	10	5	6	22	7	6	35					iro	ido	58	0.4	7.2	0
	Shawbury	414	8	18	01	86	26	6	120	52	5	7	2	2	-	51	0	01	2	7	04	4	7	06	8	5	58	6	30	7	81	02	8	135	55	6	8	5	-	-	49	2	22	2	8	20	6	6	35					irodd	pro	60	1.2	1	0			
	Manchester	334	7	22	10	61	26	5	113	56	3	8	6	7	-	50	2	01	3	8	30	6	6	35				7	33	15	57	21	6	123	54	5	5	2	-	-	51	3	12	5	7	05	7	6	35					irodd	rodo	56	0.3	1	1			
	Squires Gate	318	8	20	08	60	08	8	111	55	9	8	4	-	-	51	3	03	2	7	06	3	8	18	8	6	57	7	30	16	63	02	6	124	56	2	8	3	-	-	51	2	12	2	7	10	7	6	37					pro id	ro id	48	0.5	3	1			
	Valley	302	8	30	12	66	60	2	109	55	5	4	-	-	-	51	2	07	4	6	15	8	6	25				6	31	18	87	02	6	141	57	6	8	6	-	-	47	2	15	1	8	10	6	6	45					dodo id	-	60	3.1	1	1			
	Ronaldsway	204	8	27	02	80	30	8	107	54	3	6	2	-	-	52	3	08	3	7	06	5	7	11				2	30	11	89	01	5	133	57	1	8	4	-	0	43	2	19	1	8	18					ido	-	58	2.3	7.2	1						
	Silloth	214	8	26	06	66	02	2	103	56	4	8	3	-	-	48	1	01	1	8	25	4	6	30	7	3	58	7	30	16	66	03	8	110	55	7	8	5	-	-	49	2	03	5	8	10	7	6	30					pr	ir	58	1.8	0.3	1			
	Watnall	354	8	24	06	56	03	6	116	57	5	1	4	3	-	47	8	02	5	8	13	8	3	58				7	26	02	28	62	2	121	55	6	7	4	2	-	-	53	2	04	6	7	10	8	4	60					iro	-	58	0.4	1	1		
	Spurn Head	396	5	28	15	46	01	2	106	60	3	2	5	7	-	54	1	05	3	8	25	5	3	39				7	04	09	60	02	2	110	59	7	3	5	-	-	61	2	07	7	5	25					-	rr	56	2.8	7.2	1						
	Lindholme	362	7	27	11	56	02	2	110	61	4	8	6	7	-	50	2	02	2	8	30	4	6	45	7	3	60	8	23	08	57	02																														

12h. Ships Reports																								18h. Ships Reports																													
Code FM 21-A		LAT. LONG.		Wind		Weather		Bar. at M.S.L.		Dry Bulb Temp.		Cloud				Course		Bar.		Temp.		Waves		Ship		LAT. LONG.		Wind		Weather		Bar. at M.S.L.		Dry Bulb Temp.		Cloud				Course		Bar.		Temp.		Waves		Ship					
Ship		Lalaka	Lololo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	Ship		Lalaka	Lololo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	Ship	
WEATHER OBSERVER		524	196	3	28	25	58	01	2	216	57	4	2	5	1	0	0	0	2	01	51	48	25	3	4	WEATHER OBSERVER		525	193	5	28	23	58	01	2	215	57	5	2	5	0	1	0	0	2	02	51	45	25	3	6	WEATHER OBSERVER	
CIRIUS		550	190	7	21	22	70	02	2	040	52	3	8	5	7	2	2	1	2	05	51	43	21	5	8	CIRIUS		540	188	7	26	20	70	03	2	044	54	6	8	4	4	0	2	1	3	04	00	46	27	5	5	CIRIUS	
POLAR FRONT		660	020E	7	00	00	54	02	2	060	52	7	5	5	-	-	0	0	7	04	51	41	45	X	2	WEATHER EXPLORER		447	156	7	02	06	58	15	2	233	65	7	8	4	-	-	0	0	3	02	53	59	34	5	2	WEATHER EXPLORER	
WEATHER EXPLORER		440	156	7	33	10	58	01	6	232	65	7	8	4	4	-	8	2	8	18	53	61	33	5	4	POLAR FRONT		660	020E	4	02	04	54	15	1	044	52	4	8	5	0	0	0	0	7	11	51	43	04	3	2	POLAR FRONT	
LE VERRIER		624	331	7	35	01	60	03	2	001	48	6	7	4	-	-	0	0	2	04	01	45	32	4	6	LE VERRIER		621	331	8	02	05	58	00	8	026	48	6	8	4	2	-	0	0	2	10	51	41	02	3	6	LE VERRIER	
U.S. SHIP "C"		528	355	8	21	16	65	02	2	205	55	8	5	5	-	-	0	0	6	01	02	41	27	3	6	U.S. SHIP "C"		528	355	8	25	12	65	02	2	183	55	8	5	5	-	-	0	0	7	15	02	48	25	3	6	U.S. SHIP "C"	
U.S. SHIP "D"		440	410	8	16	12	64	01	2	268	68	4	5	6	0	7	0	0	7	25	52	52	23	3	4	U.S. SHIP "D"		440	410	8	16	31	65	02	2	211	70	8	5	5	-	-	0	0	7	34	00	54	28	3	6	U.S. SHIP "D"	
HEMOL		577	213	8	21	28	56	01	8	058	50	6	3	4	6	-	2	4	3	37	54	46	25	3	4	HEMOL		580	154	8	25	30	58	01	8	101	54	8	3	3	-	-	3	4	2	35	51	50	28	3	6	HEMOL	
MANCHESTER MARINER		580	157	8	21	24	58	00	8	122	57	4	5	4	1	-	1	6	2	03	02	51	*	*	*	MANCHESTER MARINER		554	016	8	32	13	58	16	8	124	55	5	4	5	3	3	1	3	2	09	54	45	25	4	6	MANCHESTER MARINER	
ABIGAIL		530	164	2	21	22	58	00	2	233	63	7	5	4	1	-	5	5	1	03	54	57	45	*	*	ABIGAIL		538	170	8	27	20	58	18	0	181	56	8	7	5	-	-	1	4	8	06	48	27	3	8	ABIGAIL		

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

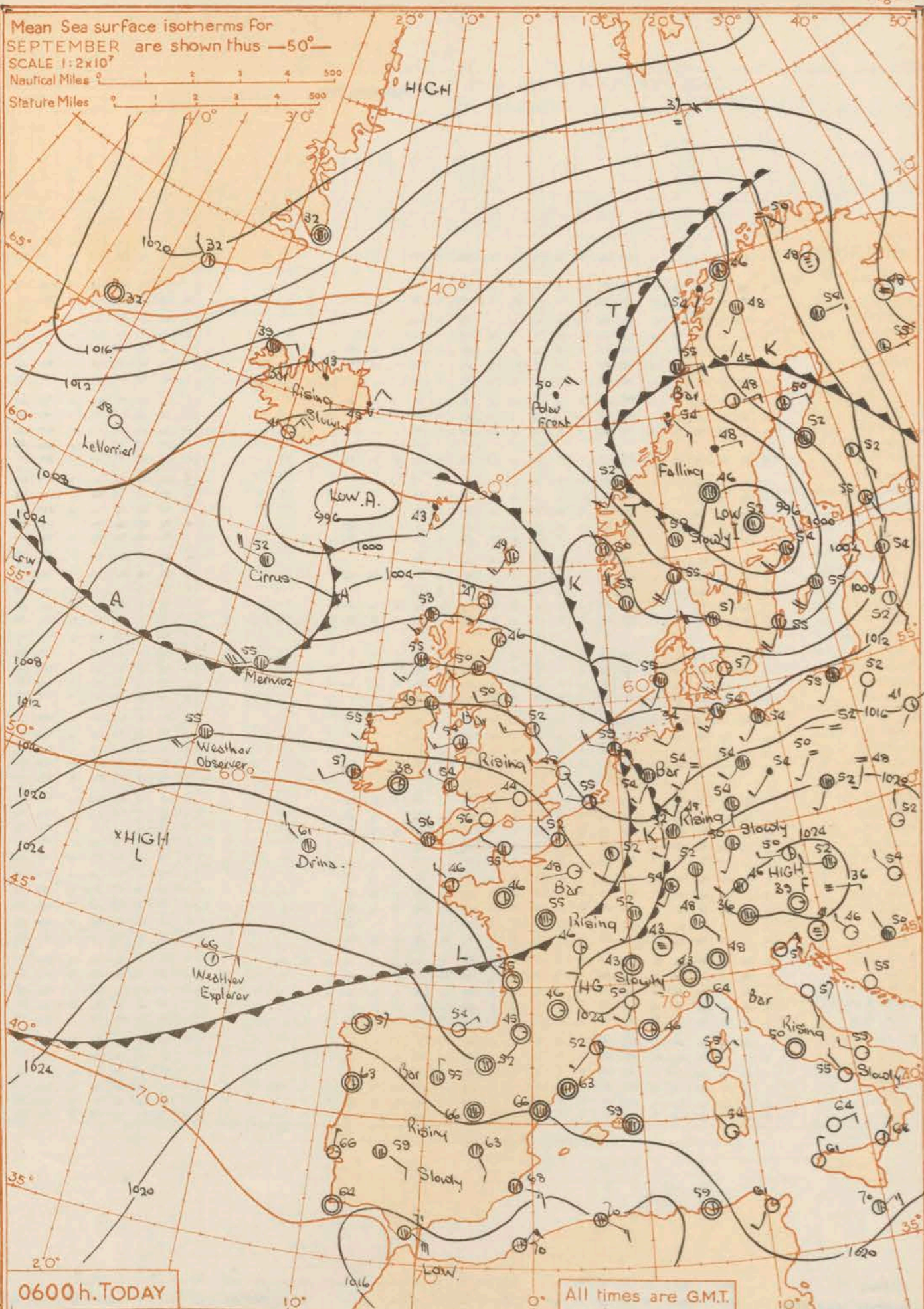


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



0000h. TODAY

### GENERAL SYNOPTIC DEVELOPMENT

A depression south of Iceland is moving eastward and an associated trough which crossed the British Isles yesterday is being followed from the west by a rather flat ridge in the south and further minor troughs in the north.

Issued at mid-day today Saturday 17th September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

Over southeastern England weather will remain dry with sunny periods. Elsewhere in England and Wales scattered showers with sunny periods will occur. In Scotland and Northern Ireland some rain and showers will occur nearly everywhere and will be heavy in places. Temperatures will be near normal.

**OUTLOOK FOR** the following 24 hours:— Probably remaining dry in southeastern areas. Rain at times in western and northern areas.



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 17th September, 1955.																									OBSERVATIONS at 06h. G.M.T. 17th September, 1955.																									OBSERVATIONS during NIGHT							
Coc FM 11.A		Station	Station Number	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar.	Cloud Layers								Total Cloud	Wind		Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud				Dew Point Temp.	Bar.	Cloud Layers								Weather		Temp.		Rain 24h. to 09h. m to	State of ground 09h.							
				Direction	Speed	Visibility	Present			Past	Amount	Low	Height			Medium	High	Change in 3 hours	Amount	Form	Height	Amount	Form		Height	Amount	Form	Height			Direction	Speed	Visibility	Present			Past	Change in 3 hours	Amount	Form	Height	Amount	Form	Height			Amount	Form			Height	Min. °F.	Min. °F. on grass				
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)
Kew		775	*	*	*	*	*	*	51	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	21	03	70	11	0	201	49	0	0	9	0	1	46	2	20	1	0	99						48	37	TR				
London Airport		772	0	26	0	62	02	4	167	50	0	0	9	0	0	48	3	22								0	27	06	80	02	0	202	44	0	0	9	0	0	44	2	21						44	40									
Tangmere		874	0	38	06	66	02	0	175	51	0	0	9	0	0	48	2	23								1	39	03	63	03	0	205	47	0	0	9	0	1	45	2	24	1	2	75						44	38						
Hurn		862	0	29	06	66	02	0	186	49	0	0	9	0	0	48	2	18								0	28	05	59	11	0	214	42	0	0	9	0	0	42	2	16						42	36									
Guernsey		894	0	30	16	82	01	0	208	55	0	0	9	0	0	50	2	14								2	38	12	61	02	0	226	54	2	1	4	0	0	49	2	10	2	8	14						53	48						
Felixstowe		697	0	34	10	48	02	1	141	53	0	0	9	0	0	53	2	9								0	32	10	62	02	0	174	50	0	0	9	0	0	47	2	23						51	45	TR								
Gorleston		497	7	27	07	62	02	1	109	55	7	5	6	0	1	51	1	01	7	6	21					1	29	09	58	02	1	172	48	1	2	5	0	0	46	2	23						47	42									
Mildenhall		578	1	27	09	59	01	2	148	52	1	5	6	0	0	50	1	14	1	6	80					1	24	07	59	03	0	183	46	0	0	9	0	1	46	2	20						45	37									
Cranfield		557	0	26	08	48	01	1	162	50	0	0	9	0	0	47	2	18								1	25	05	59	02	1	193	42	0	0	9	0	1	41	2	16	1	0	75	86			42	40	TR							
West Raynham		485	2	39	10	62	01	5	188	53	2	5	0	0	0	49	2	10	2	6	35					2	26	07	61	02	0	175	45	0	0	9	0	1	43	2	21	2	0	75					44	41	01						
Wittering		462	0	30	10	63	01	0	154	51	0	0	9	0	0	47	2	20								1	28	14	63	01	0	182	47	1	0	9	3	1	45	2	15	1	3	59					47	43	TR						
Boscombe Down		746	0	32	09	58	02	0	184	48	0	0	9	0	0	46	2	15								0	30	03	66	02	0	217	44	0	0	9	0	0	43	2	18						46	39									
Ross-on-Wye		627	*	31	09	58	02	0	184	48	0	0	9	0	0	46	2	15								1	23	07	70	02	0	200	48	1	1	5	0	1	46	2	10	1	3	25					46	38							
Bristol		628	5	27	03	66	03	1	187	50	5	5	6	-	-	48	2	20	5	6	26					0	00	00	70	01	0	209	47	0	0	9	0	0	45	3	12						46	33									
Aberporth		502	0	30	14	74	01	0	192	56	0	0	9	0	0	47	2	16								3	24	09	74	01	2	202	51	2	8	5	3	1	47	2	04	2	8	20					49	40							
Pembroke Dock		604	0	30	09	74	01	1	199	54	0	0	9	0	0	50	2	14								5	28	06	74	01	2	211	54	5	5	6	3	0	51	2	03	5	6	36					53	36							
Plymouth		827	0	30	06	56	02	0	208	49	0	0	9	0	0	47	3	14								3	09	02	87	10	0	227	44	3	5	6	0	0	43	2	09	1	7	22					43	39	TR						
Chivenor		707	1	33	12	83	02	0	198	55	1	5	5	0	0	47	2	11	1	6	20					4	34	07	82	01	1	215	54	4	8	4	0	0	49	2	08	2	8	15	4	6	25					50	46				
St. Eval		820	1	32	13	82	03	0	211	56	1	5	6	0	0	48	2	12	1	6	30					7	31	06	74	03	0	223	54	7	8	6	-	-	48	2	04	2	8	16	7	6	35					54	44				
Culdrose		809	0	31	05	81	02	0	221	51	0	0	9	0	0	46	2	12								6	34	01	80	03	1	235	50	5	5	6	3	-	47	2	07	1	7	05	5	6	40					49	35				
Scilly		804	5	31	05	81	02	2	218	50	5	5	4	0	0	50	2	11	5	6	14					7	30	09	81	03	1	226	56	7	5	4	0	0	51	4	00	7	6	16					53								
Elmdon		534	0	31	04	66	02	1	165	52	0	0	9	0	0	47	3	15								1	31	03	61	02	0	191	45	0	0	9	0	9	43	2	15	1	1	75					43	35							
Shawbury		414	1	28	12	82	01	1	172	50	1	5	6	0	0	44	2	14	1	6	45					1	27	12	82	03	0	190	48	1	8	5	0	2	44	3	03	1	8	20					43	35							
Manchester		334	5	31	09	66	02	3	158	49	5	8	7	-	-	46	2	13	2	8	37	5	6	80		3	26	10	88	02	0	176	50	1	5	5	0	0	47	3	07	1	6	20	2	6	35					46	41				
Squires Gate		318	0	39	11	82	01	1	174	54	0	0	9	0	0	46	2	11								7	26	14	82	02	2	172	56	4	5	4	-	-	50	3	08	4	6	18	7	6	57					53	50	TR			
Valley		302	0	39	11	82	01	1	174	54	0	0	9	0	0	46	2	11								5	26	15	82	03	1	185	54	5	5	0	0	48	2	06	5	6	22					52	49								
Ronaldsway		204	0	38	08	89	03	0	161	53	0	0	9	0	0	47	2	09								4	25	13	82	08	1	166	52	3	5	7	0	1	49	1	00	1	7	14	3	6	50					51	45				
Silloth		214	1	26	12	81	02	1	142	52	1	5	6	0	0	47	2	06	1	6	20					4	27	16	74	02	1	147	53	1	5	5	4	2	51	2	08	1	6	28	3	0	70					51	47				
Watnall		354	0	23	04	58	02	2	159	48	0	0	9	0	0	46	2	20								0	26	08	72	02	0	179	45	0	0	9	0	0	45	2	13						44	35									
Spurn Head		396	3	39	20	63	01	8	127	54	3	5	5	0	0	52	2	10	3	6	20					2	27	05	63	01	0	159	52	2	5	5	0	0	49	2	15	2	6	25					50		0.4						
Lindholme		362	0	39	20	63	01	8	127	54	3	5	5	0	0	52	2	10								2	27	08	32	03	0	166	47	0	0	9	0	1	45	2	14	2	0	70					44	37							
Dishforth		261	0	37	17	63	01	1	142	49	0	0	9	0	0	45	1	13								3	16	07	82	03	0	163	46	1	5	6	4	1	41	2	15	1	6	36					43	36							
Tynemouth		262	0	37	17	63	01	1	140	49	0	0	9	0	0	43	2	12								3	16	07	82	03	0	163	46	1	5	6	4	1	41	2	15	1	6	36					43	36							
Eskdalemuir		162	0	37	17	63	01	1	140	49	0	0	9	0	0	44	2	20								6	27	04	62	02	2	138	49	6	7	3	-	-	47	3	08	6	7	08					43	35							
West Freugh		130	1	27	15	74	01	8	149	52	1	2	5	0	0	48	1	08	1	8	20					6	25	14	68	03	0	149	51	3	8	5	0	2	48	3	02	2	8	20	4	0	70					50	46	TR			
Prestwick		135	7	26	12	66	03	1	135	54	7	5	6	-	-	48	2	08	7	6	45																																				

## 00h. 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	Direction				Speed	Visibility	Present	Past			Amount	Low	Height	Medium	High	Direction			Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
Lakala	Lotolo	N	dd	K	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	z	pp	TsTs	TdTd	dwdw	Pw	Hw			
CIRRUS	589	189	4	27	28	66	26	1	083	52	4	9	5	0	0	6	1	2	01	51	43	26	4	9		
WEATHER OBSERVER	525	195	8	25	21	98	25	8	221	57	4	8	5	-	-	0	0	8	04	52	52	27	4	7		
POLAR FRONT	660	020E	8	05	15	98	03	1	021	52	8	8	4	-	-	0	0	7	17	01	45	05	3	2		
WEATHER EXPLORER	446	157	1	09	12	98	01	8	289	65	1	5	5	0	0	0	0	8	04	53	66	34	5	2		
LE VERRIER	619	334	7	03	16	70	03	6	089	46	7	8	4	-	-	0	0	2	39	51	41	03	3	6		
U.S. SHIP "C"	528	355	8	18	17	69	02	2	123	55	8	5	5	-	-	0	0	8	42	02	52	23	3	4		
U.S. SHIP "D"	440	410	8	18	38	69	02	2	133	72	2	7	4	7	-	0	0	8	29	02	67	19	5	7		
NERMOZ	560	187	8	26	28	50	03	8	120	38	8	5	5	-	-	3	4	1	11	51	60	26	5	7		
WEATHER RECORDER	552	086	3	26	25	99	01	2	137	55	1	9	5	0	3	6	3	2	04	54	51	27	4	6		
MONERIC	524	171	7	27	20	98	58	1	207	61	7	8	4	-	-	6	7	6	03	02	58	29	4	8		



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

No. 34268

Date of Issue Sunday 18th September 1955

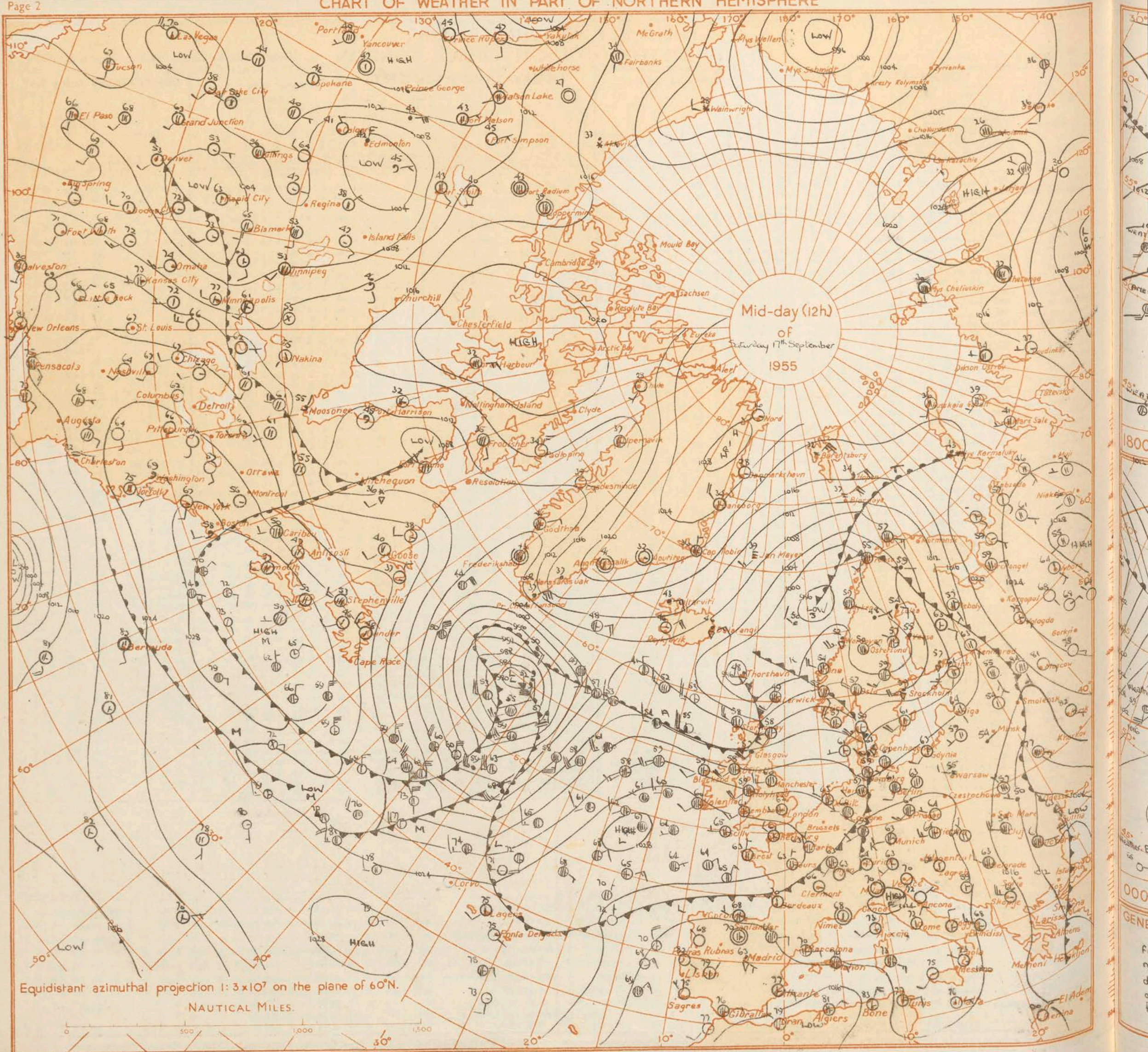
OBSERVATIONS at 12h. G.M.T. 17th September 1955

OBSERVATIONS at 18h. G.M.T. 17th September 1955

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	Change in 3 hours	Form	Height	Cloud Layers					Total Cloud	Wind				Weather				Bar at M.S.L.	Dry Bulb Temp.	Cloud					Dew Point Temp.	Bar	Cloud Layers					Weather	Max Temp. 09h. to 21h. °F	Sunshine	Rain 09h. to 21h. mm.	State of ground 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Direction	Speed				Visibility	Present	Past	Amount	Low	Height	Medium	High			Amount	Low	Height	Medium	High						Direction	Speed	Visibility	Present	Past		Amount	Low	Height	Medium	High	Direction	Speed	Visibility			Present	Past	Amount	Low	Height			Medium	High	Direction	Speed	Visibility						Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Visibility





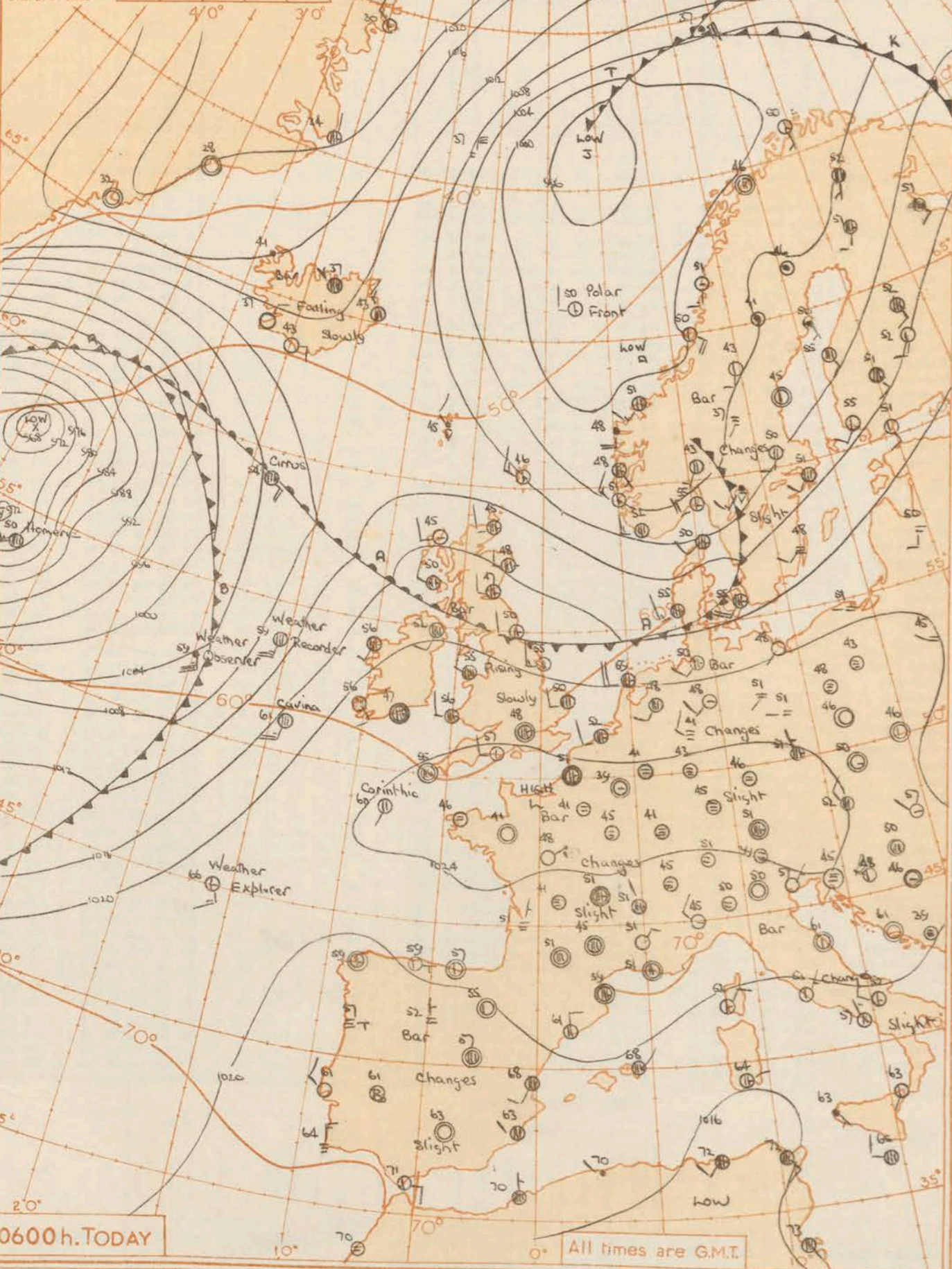


Mean Sea surface isotherms for  
SEPTEMBER are shown thus —5°—

SCALE 1:2x10<sup>7</sup>

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500



0600h. TODAY

All times are G.M.T.

0000h. TODAY

### GENERAL SYNOPSIS DEVELOPMENT

The ridge of high pressure which spread in from the west is intensifying but will continue to move eastward rather slowly. From a slow-moving depression off south Greenland, a deepening trough is expected to develop in the Iceland area and associated fronts will probably approach western and northwestern areas of the British Isles tomorrow.

Issued at Mid-day today Sunday 18<sup>th</sup> September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

After a little local rain in the north and east of England and scattered showers in northeast Scotland at first, weather will be dry over most of the British Isles but with a good deal of cloud except in the south. Tomorrow occasional rain may spread into Ireland and the west and north of Scotland towards noon. Temperatures will be near the seasonal normal.

**OUTLOOK FOR** Following 24 hours:— Probably remaining dry in southwestern areas. Rain at times in the west and north.



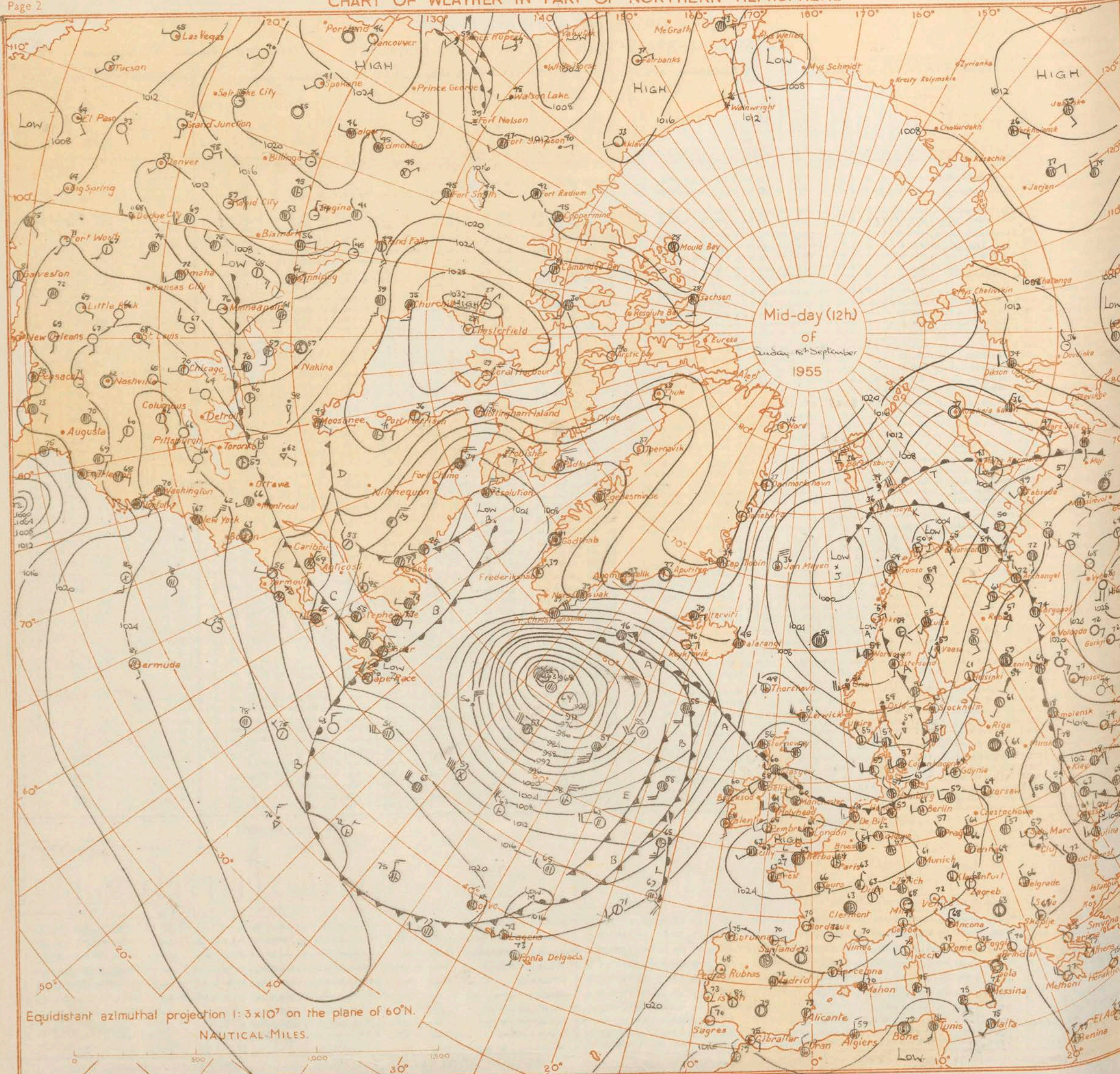
H.M.S.O. Press, M.O.







# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Equidistant azimuthal projection 1:3x10<sup>7</sup> on the plane of 60°N.

NAUTICAL MILES.

0 500 1,000 1,500

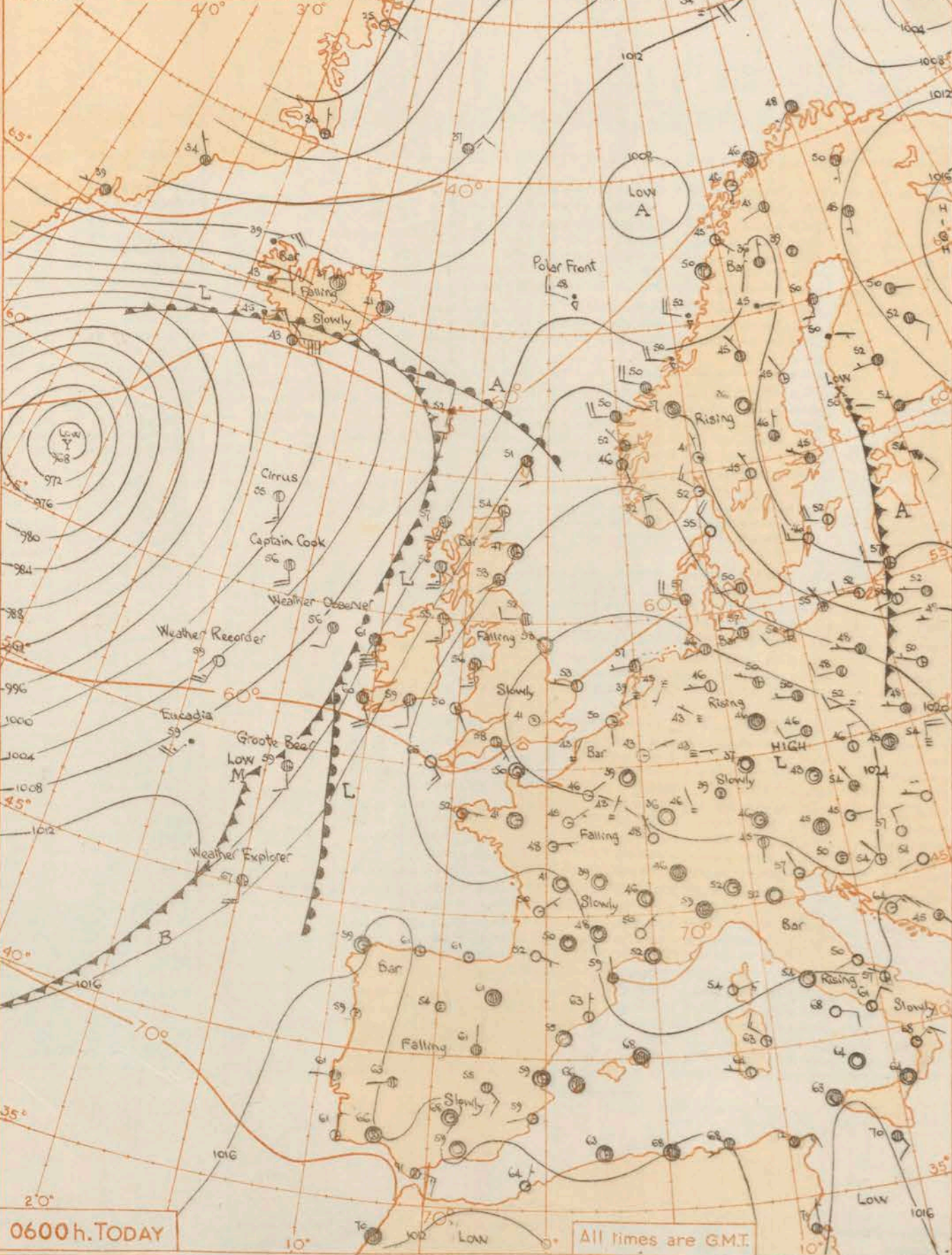
20°

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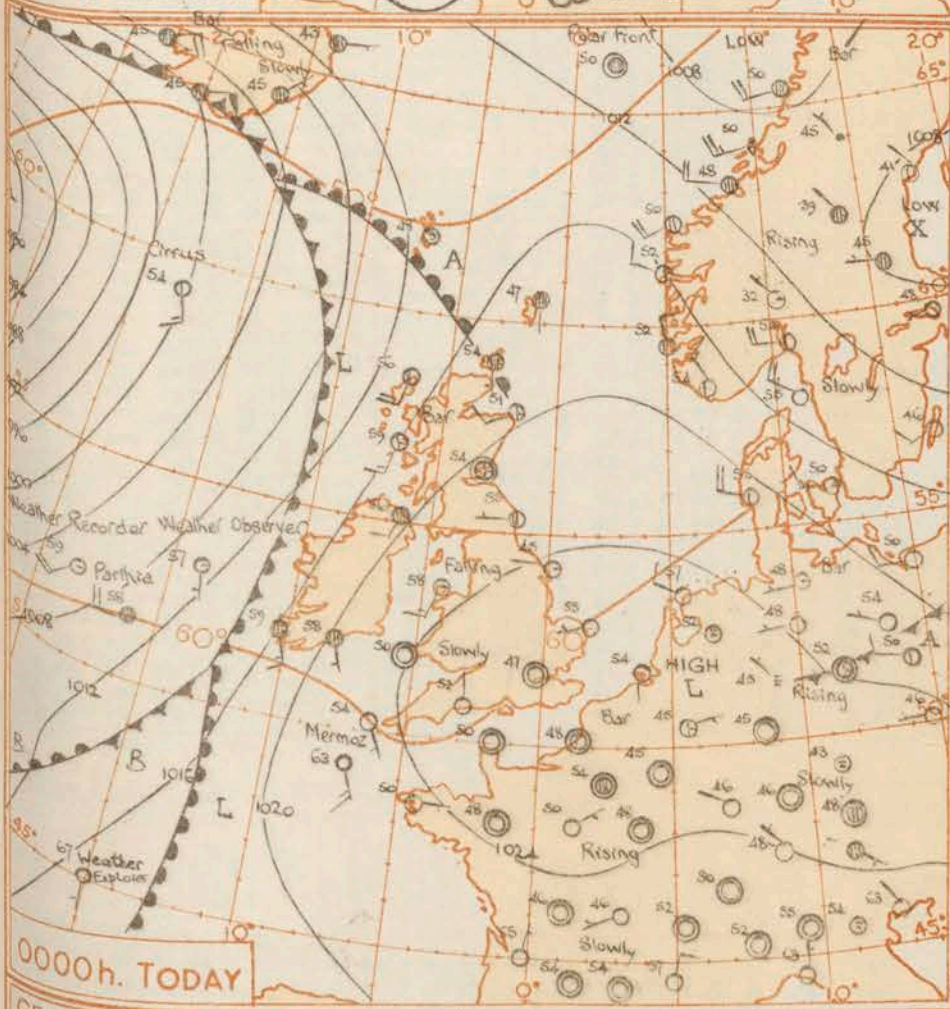
Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



0600h. TODAY

All times are GMT.

1800h. YESTERDAY



0000h. TODAY

### GENERAL SYNOPSIS DEVELOPMENT

A ridge of high pressure has crossed the British Isles and will continue to move slowly eastward. Troughs associated with a slow moving and large depression on the Atlantic will affect the west and north of the country

Issued at mid-day today Monday 15<sup>th</sup> September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

Weather will be fine apart from early morning fog patches over most of the British Isles. Over western Ireland and the north of Scotland it will be mainly cloudy and rain at times is expected. Temperatures will be near normal or a little higher by day. Slight ground frost may occur in south eastern areas tonight.

### OUTLOOK FOR the following 24 hours

Probably similar.



## No.

Code	S
Kew	
London	
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Hurn	
Guern	
Felixst	
Gorles	
Milder	
Cranfr	
West	
Witte	
Bosco	
Ross-o	
Bristo	
Aberp	
Pemb	
Plymo	
Chiver	
St. Evi	
Culdr	
Scilly	
Elmdo	
Shawb	
Manch	
Squire	
Valley	
Ronal	
Silloth	
Watn	
Spurn	
Lindh	
Dishf	
Tynen	
Eskda	
West	
Presv	
Renfr	
Leuch	
Dyce	
Wick	
Cape	
Sule S	
Lerwi	
Storn	
Benbe	
Tiree	
Alder	
Castl	
Malin	
Black	
Birr	
Collin	
Rine	
Midie	
Valen	

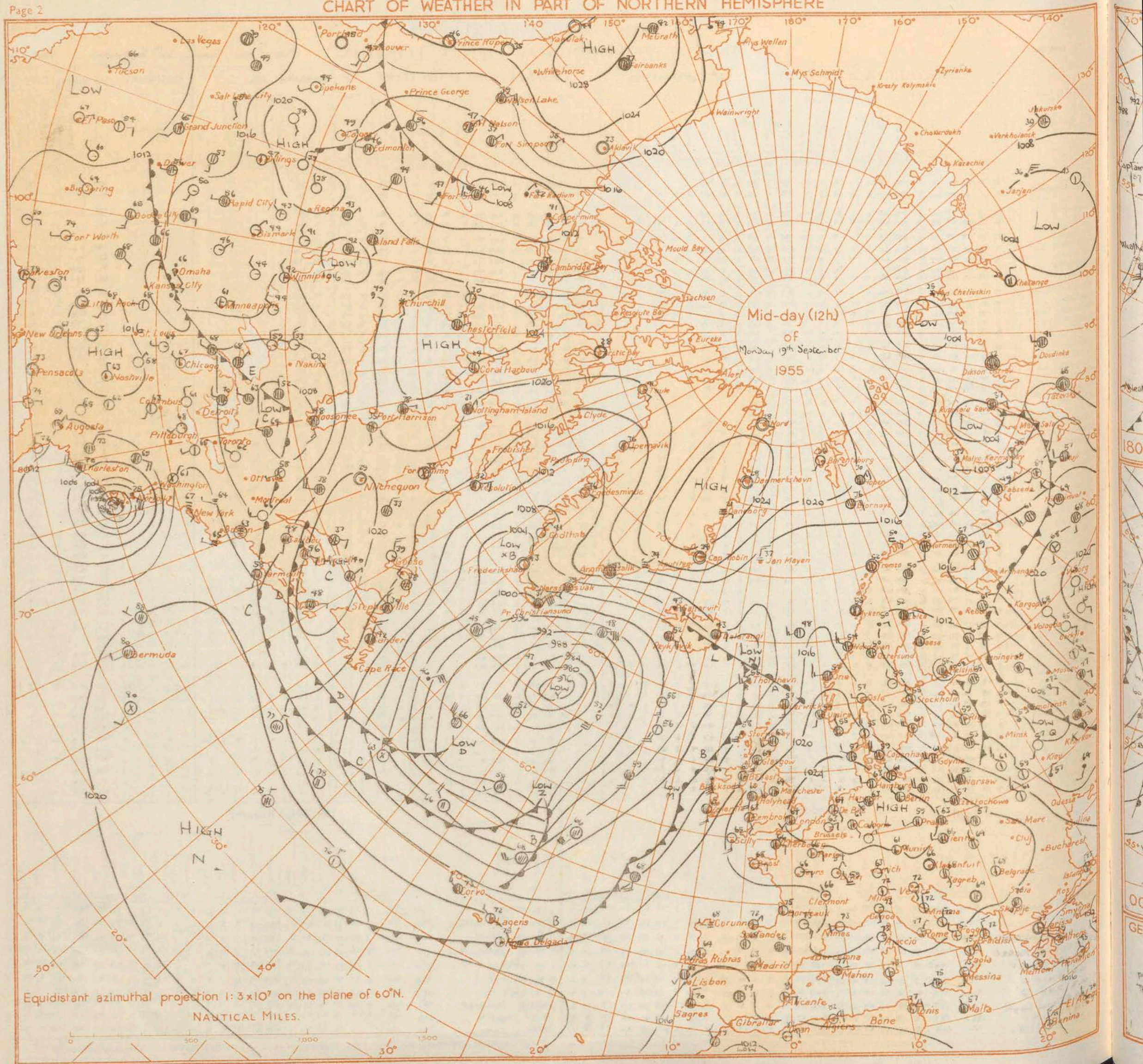
Code
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\* Information not usually received.



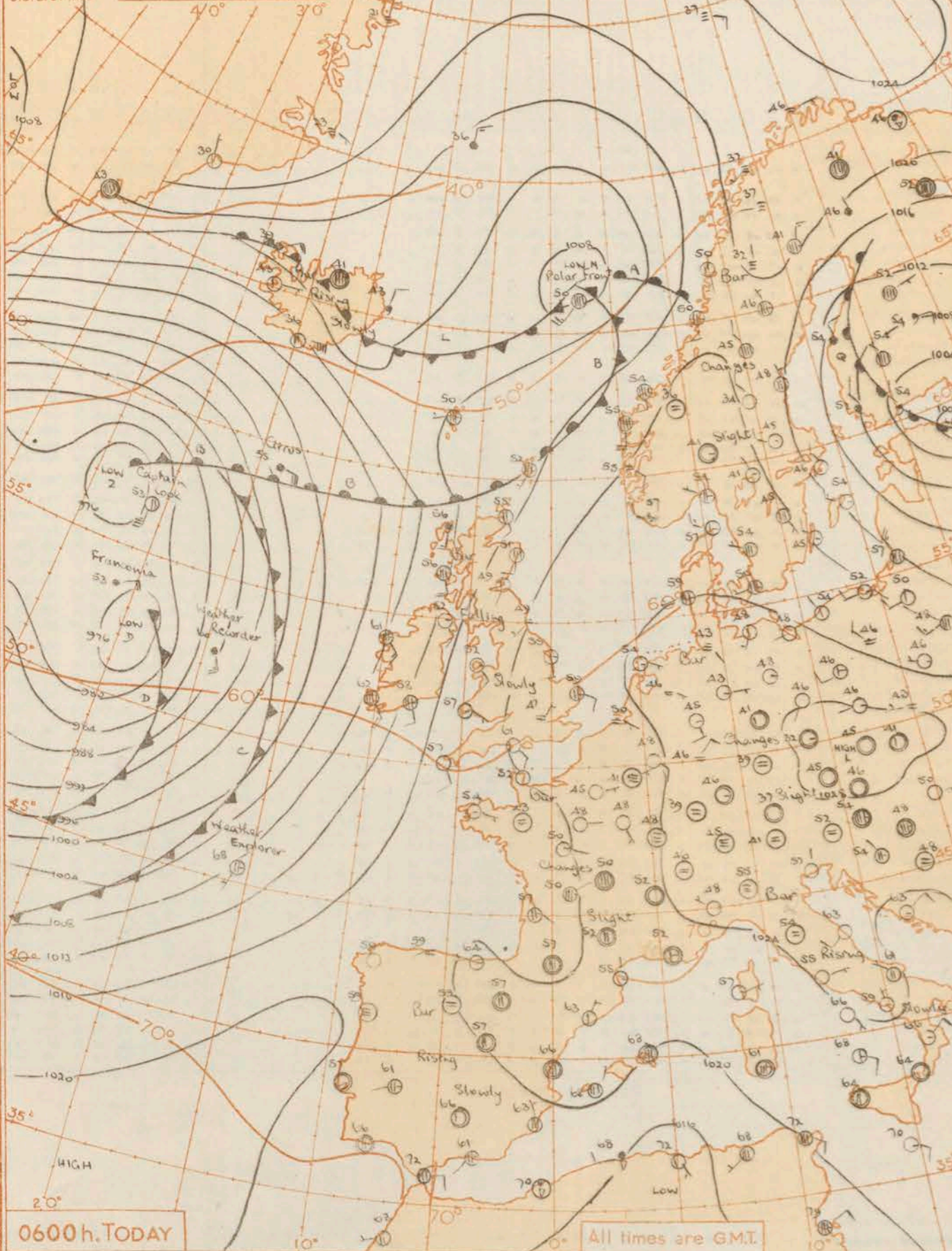




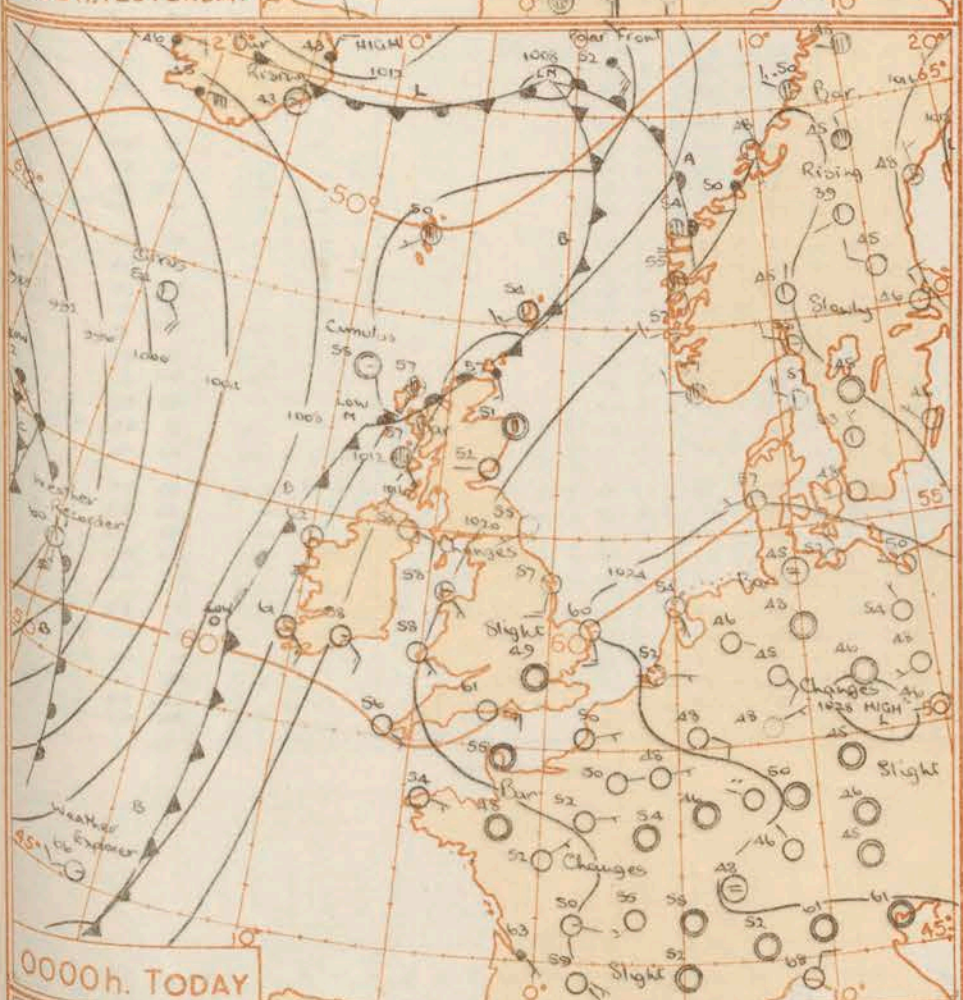




Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



1800h. YESTERDAY



0000h. TODAY

## GENERAL SYNOPTIC DEVELOPMENT

A large complex depression covers the greater part of the North Atlantic and troughs of low pressure will probably move across Ireland and possibly also affect some western districts of Great Britain. The anticyclone over Germany will move southeast slowly.

Issued at mid-day today Tuesday 20th September, 1955 FORECAST FOR BRITISH ISLES until noon tomorrow

Fine and rather warm, but most places apart from mist and fog, showers in Midlands and eastern districts of England around dawn. There is a chance of scattered outbreaks of rain in southwest England, south Wales and Ireland, later today and tomorrow.

## OUTLOOK FOR the following 24 hours:-

Chance of rain in western districts. Fine and rather warm weather probably continuing in the east.



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	Change in 3 hours					Sea	Dew Point	Direction	Period			Height	Direction	Speed	Change in 3 hours	Sea	Dew Point	Direction			Period	Height										
	Lalala	LoLoLo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Tg	Td	dwdw	Pw	Hw		Lalala	LoLoLo	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Tg	Td	dwdw	Pw	Hw
WEATHER RECORDER	527	200	6	17	35	96	18	6	910	60	5	3	4	-	-	4	1	6	36	02	58	18	-	7		WEATHER RECORDER	528	178	5	15	27	96	61	6	843	60	8	6	3	-	-	4	1	7	46	02	58	17			
CIRRUS	591	192	2	19	18	70	02	0	025	54	2	0	9	4	0	7	1	0	01	01	52	16	4	8		CIRRUS	570	188	3	11	30	56	60	1	984	55	6	7	4	2	-	3	1	8	23	02	52	18			
WEATHER EXPLORER	454	155	1	24	11	98	01	9	103	66	0	0	9	0	0	6	1	2	00	52	58	24	6	7		WEATHER WATCHER	543	053	1	16	20	98	01	0	181	58	0	0	9	4	1	5	3	3	01	01	53	18			
POLAR FRONT	660	020E	8	14	24	97	61	2	103	52	8	7	4	-	-	0	0	7	31	00	50	49	-	3		POLAR FRONT	660	020E	8	22	23	95	20	6	091	50	8	6	3	-	-	0	0	3	06	53	48	22			
WEATHER OBSERVER	556	073	5	14	20	98	01	1	147	59	5	5	5	0	0	6	3	2	10	51	56	18	4	5		CAPTAIN COOK	565	259	5	18	37	98	25	8	766	53	3	9	5	9	0	6	5	5	20	53	51	18			
WEATHER WATCHER	550	052	1	18	19	98	02	1	184	60	1	5	5	0	0	4	3	6	09	04	55	18	3	2		U.S. SHIP C	528	355	2	29	27	69	01	8	800	51	2	1	5	0	0	0	0	10	52	46	28				
KEVERMER	648	329	8	08	18	40	02	6	955	48	8	6	3	-	-	1	1	3	24	02	46	07	4	8		WEATHER EXPLORER	454	157	5	20	06	98	43	0	096	68	5	1	4	0	0	5	1	6	06	51	62	24			
U.S. SHIP C	528	355	8	27	22	63	80	8	793	50	8	2	4	-	-	0	0	7	08	54	47	27	4	6		WEATHER OBSERVER	552	057	1	15	22	97	02	0	163	57	1	6	2	3	0	3	3	2	01	51	54	42			
U.S. SHIP D	449	123	6	32	47	65	02	2	111	58	6	2	5	0	0	3	4	2	42	64	49	81	4	4		FRANCONIA	534	265	8	05	21	97	62	2	766	53	8	7	4	-	-	6	5	7	50	55	51	49			
CUMULUS	586	090	1	00	00	65	01	0	147	65	1	0	8	7	0	6	3	8	08	01	54	24	4	6		U.S. SHIP D	440	410	3	34	28	68	02	0	139	61	3	2	5	0	0	0	2	14	60	48	82				

\* Information not usually received.

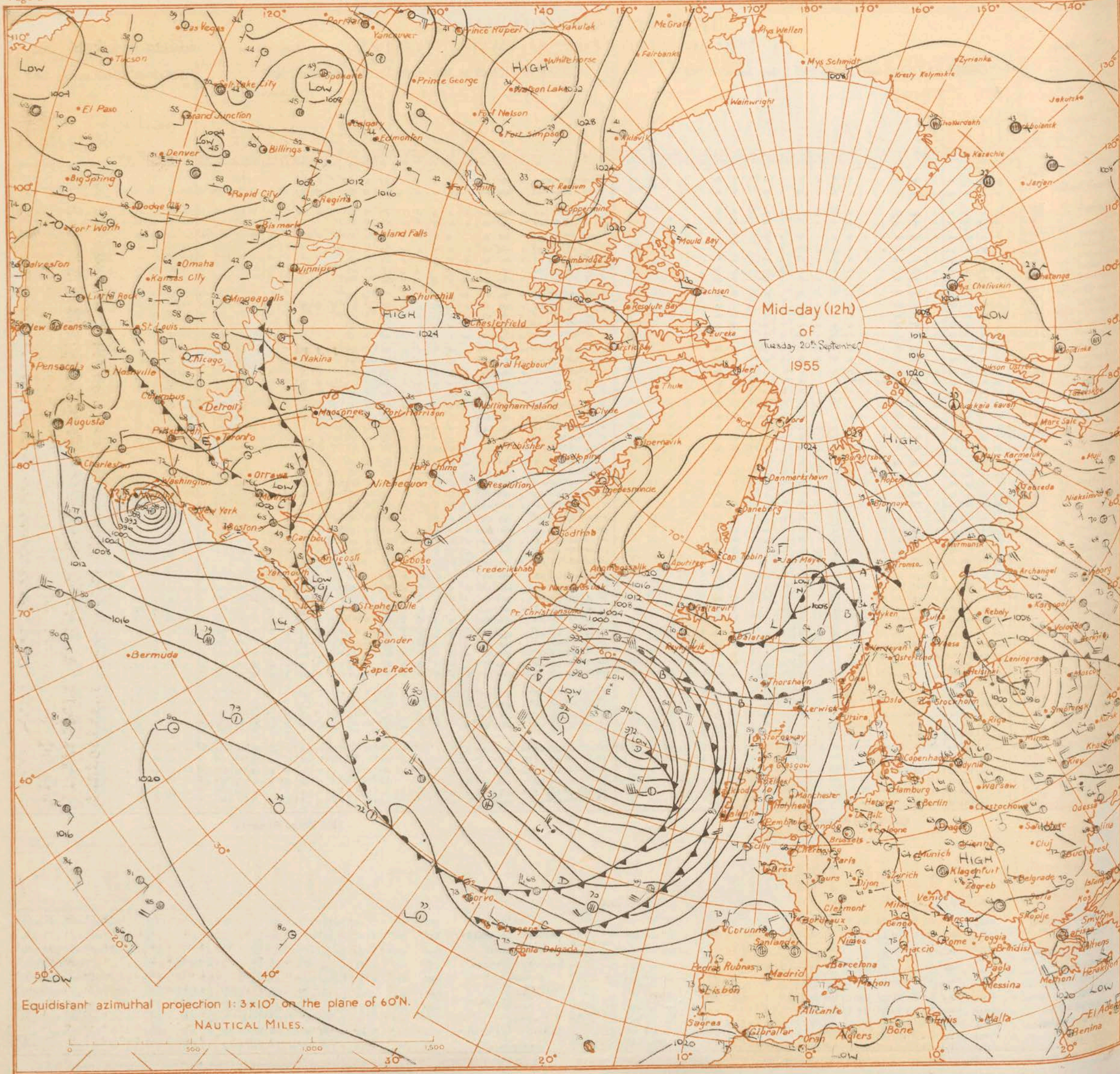
H.M.S.O. Prest, M.O. Dunstable



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

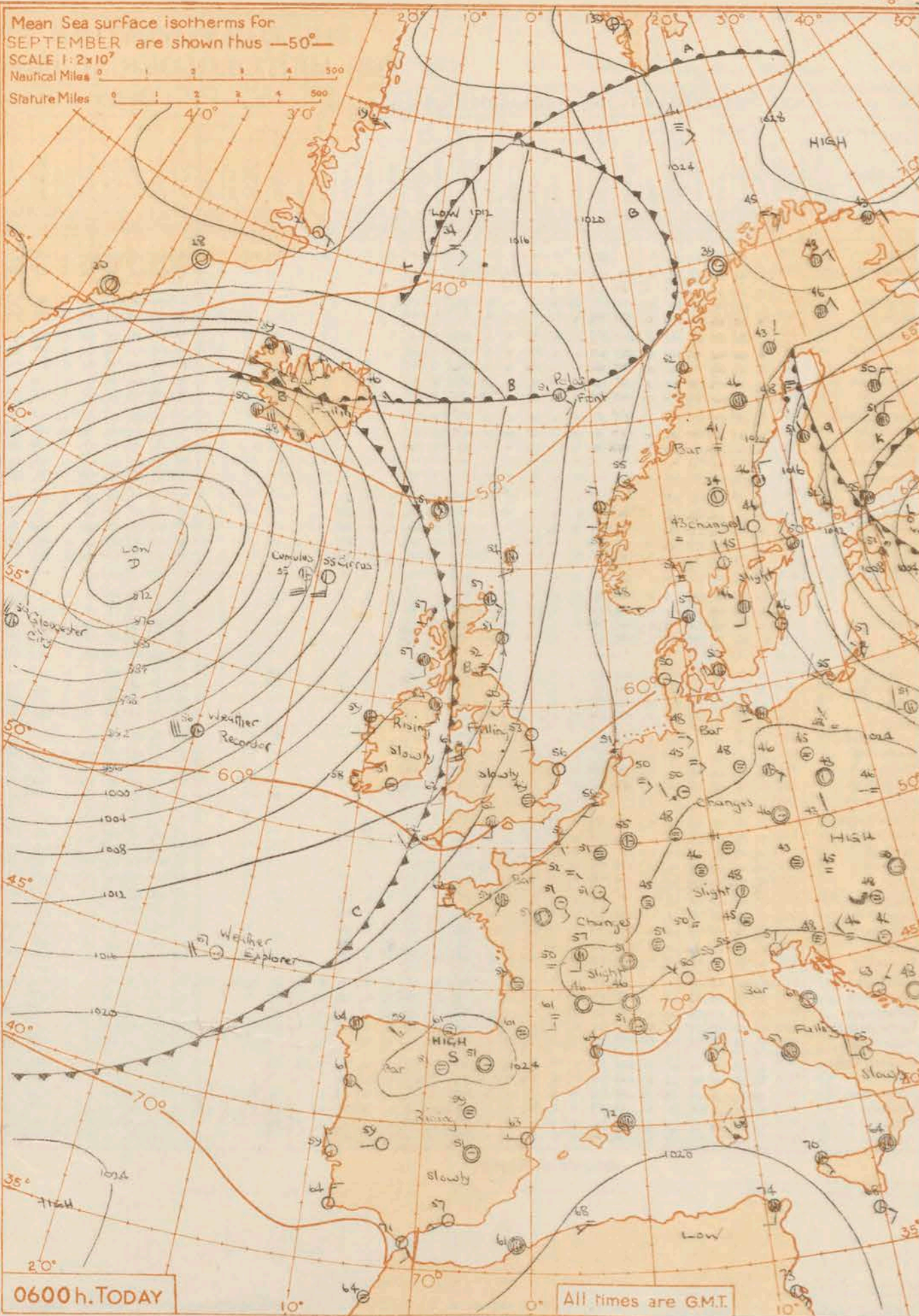


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

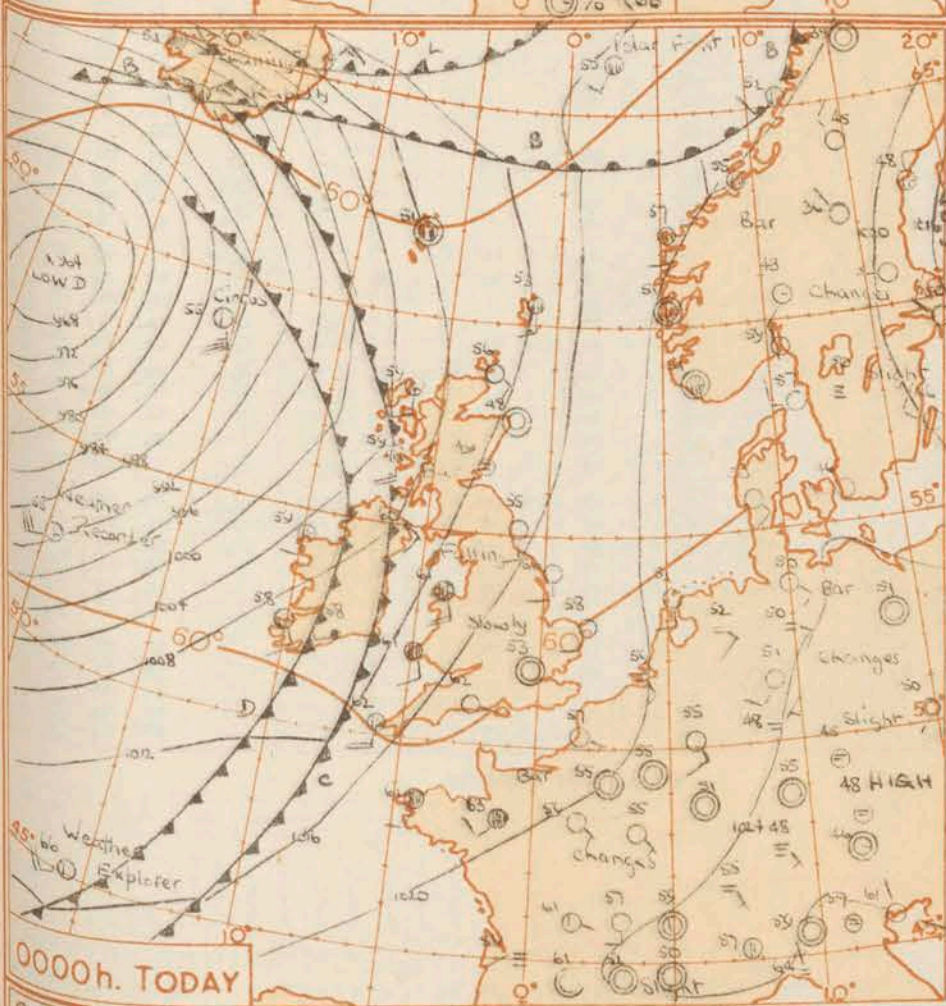




Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



1800h. YESTERDAY



### GENERAL SYNOPSIS DEVELOPMENT

The complex low covering much of the Atlantic has persisted with the associated cold front moving east into the western districts of the British Isles. The low is expected to fill up considerably during the next 24 hours with the front slowing down as a wave moves quickly east towards Southwest England.

Issued at Mid-day today Wednesday 21st September 1955

FORECAST FOR BRITISH ISLES until noon tomorrow

over most of England and eastern districts of Scotland there will be rain or first. Brighter, showery weather over Ireland and western Scotland will spread to all areas except east and southeast England today. Renewed rain will spread into southwest England and Wales tomorrow morning. Temperatures will be mostly near normal.

### OUTLOOK FOR the following 24 hours:-

Changeable with rain or showers at times in many places.



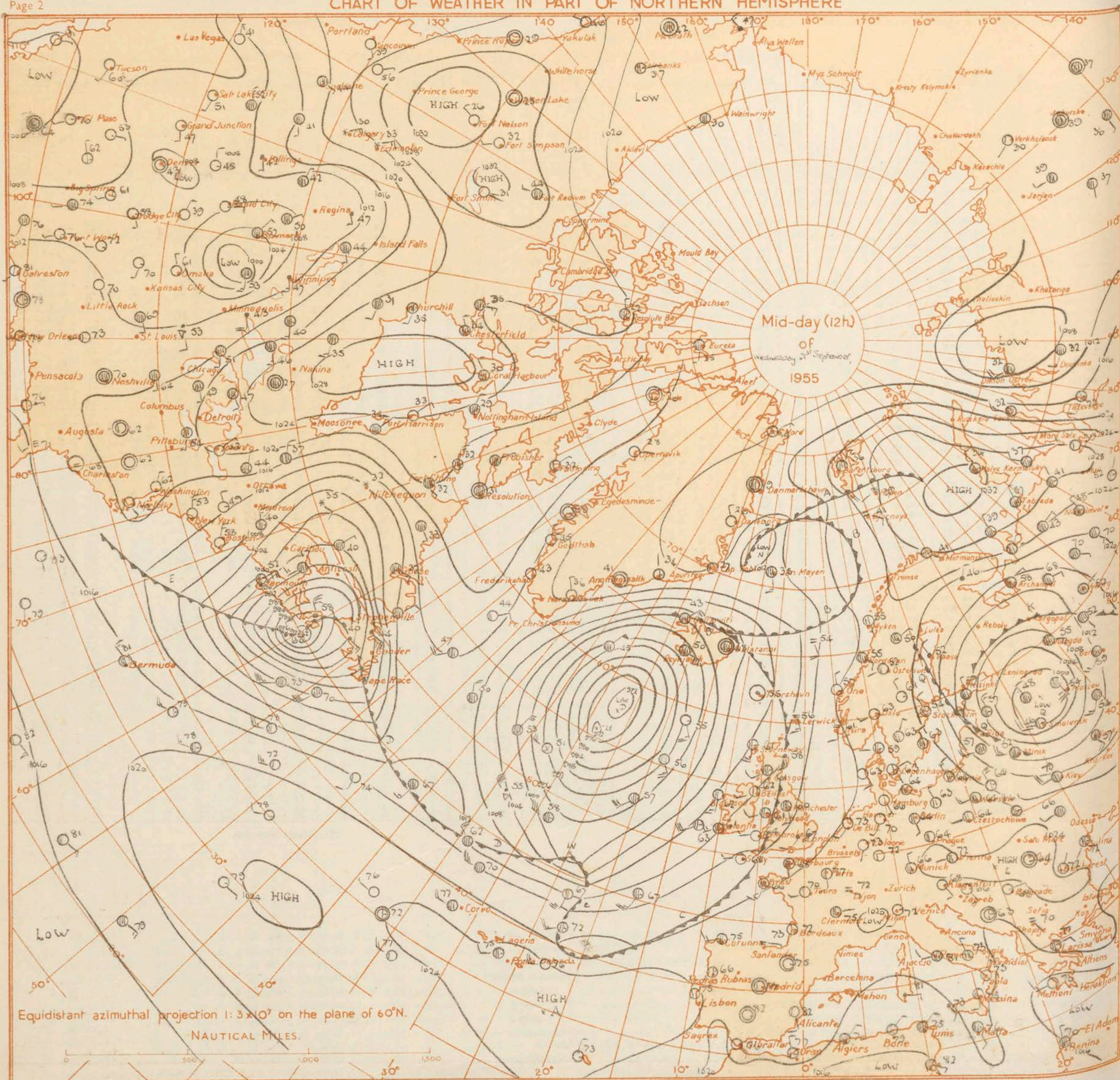
# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 21 <sup>st</sup> September 1955																									OBSERVATIONS at 06h. G.M.T. 21 <sup>st</sup> September 1955																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Code FM 11.A	Station	Station Number	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.		Rain 24h. to 09h. m.m.	State of ground																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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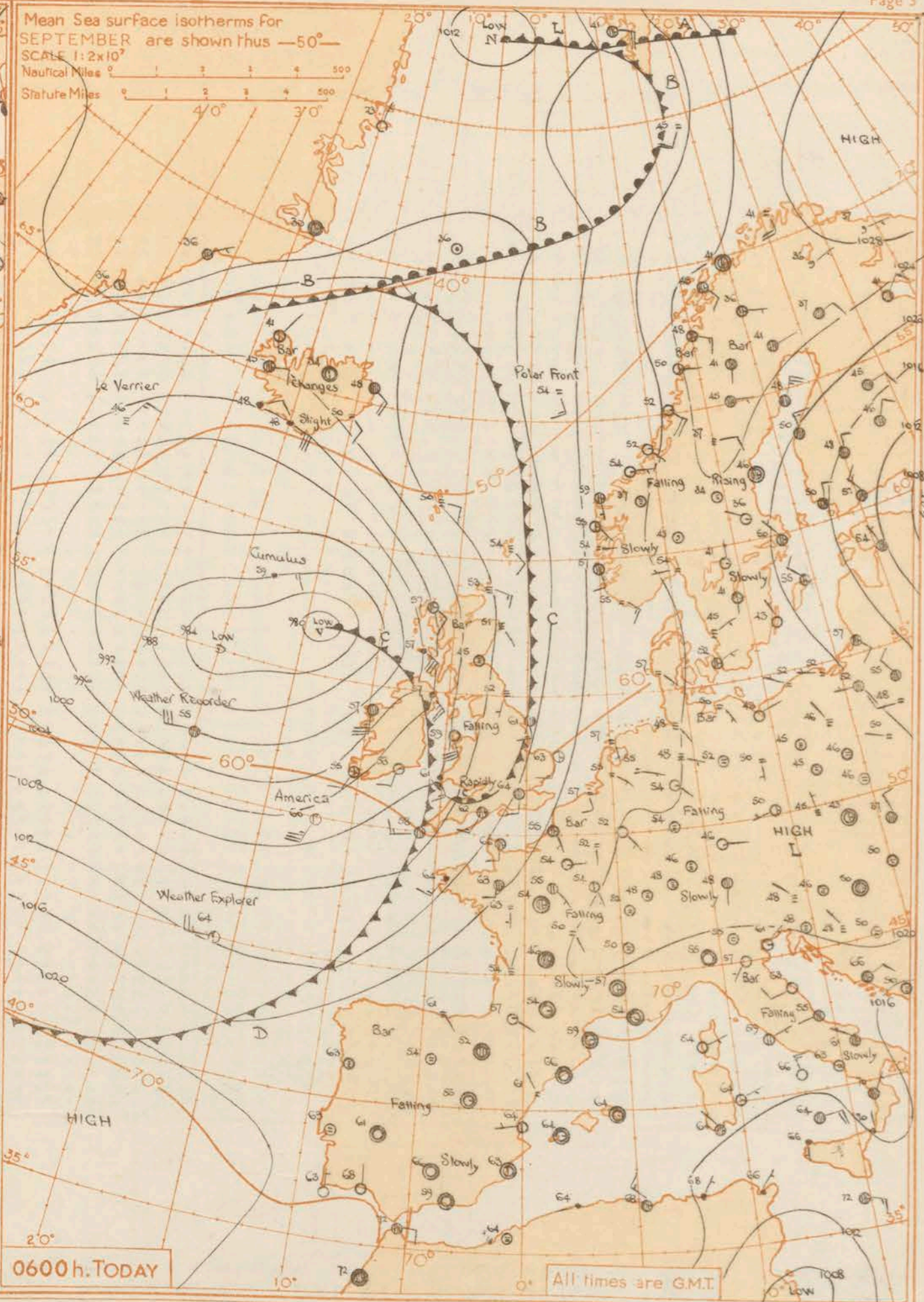








Mean Sea surface isotherms for  
SEPTEMBER are shown thus —50°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500



1800h. YESTERDAY

0600h. TODAY

All times are GMT.

### GENERAL SYNOPTIC DEVELOPMENT

The complex low to the west of Scotland has filled up and drifted eastward while a secondary has moved quickly northeast to the west of Ireland. The cold front moving east across the British Isles yesterday cleared most districts but slowed down and weakened over southern England. Another frontal system has moved into western districts of the British Isles. This will move eastward across all areas by tonight.

Issued at mid-day today Thursday 22<sup>nd</sup> September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

Over Scotland and most of England and Wales it will be cloudy with rain in places at first. Brighter, showery weather over Ireland will spread east to all areas by tonight. Temperatures will be near normal. Winds will be strong or gale at times in northern districts.

**OUTLOOK FOR next 24 hours:** - Showery at first, more continuous rain perhaps affecting some southern areas later.



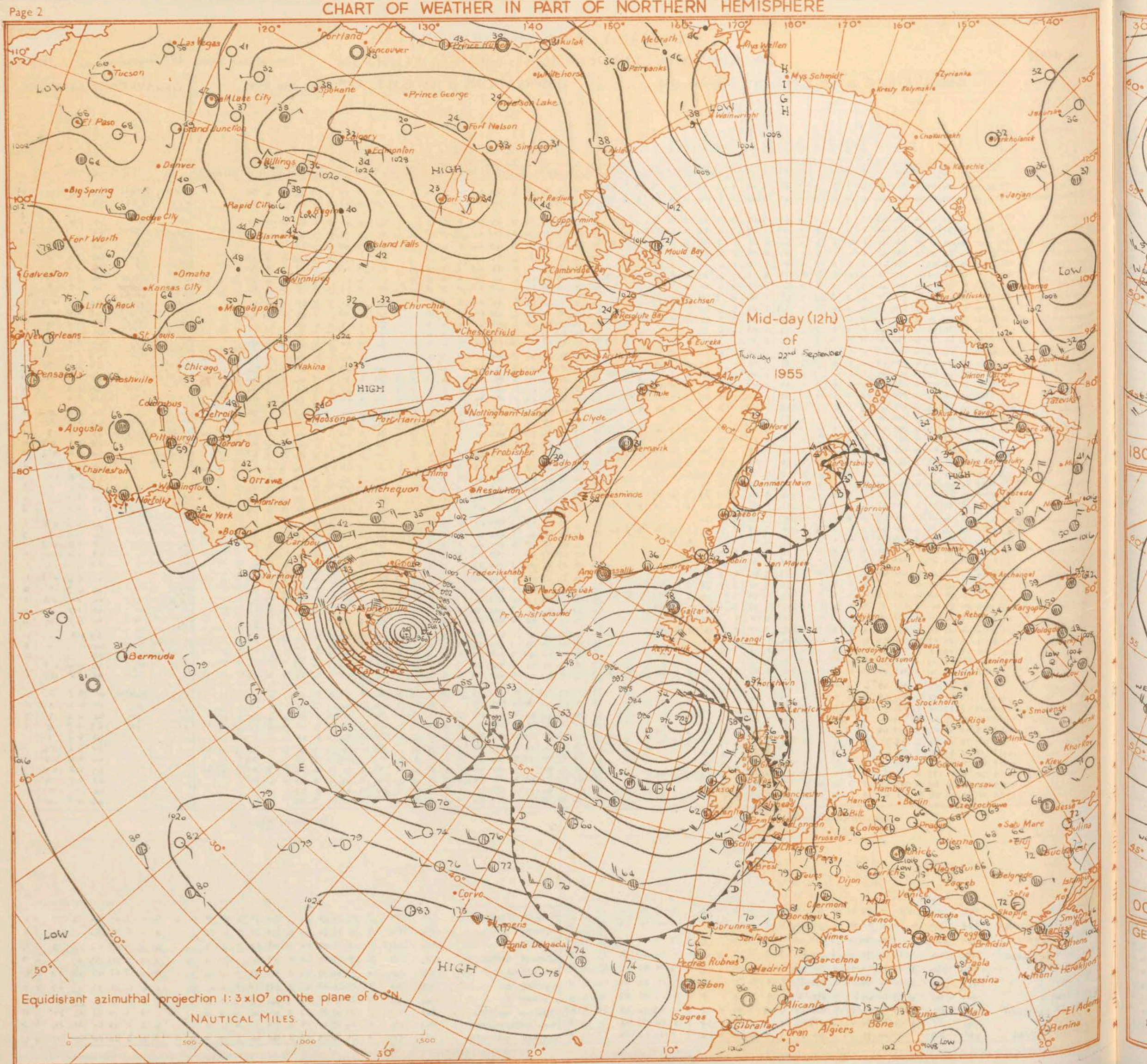




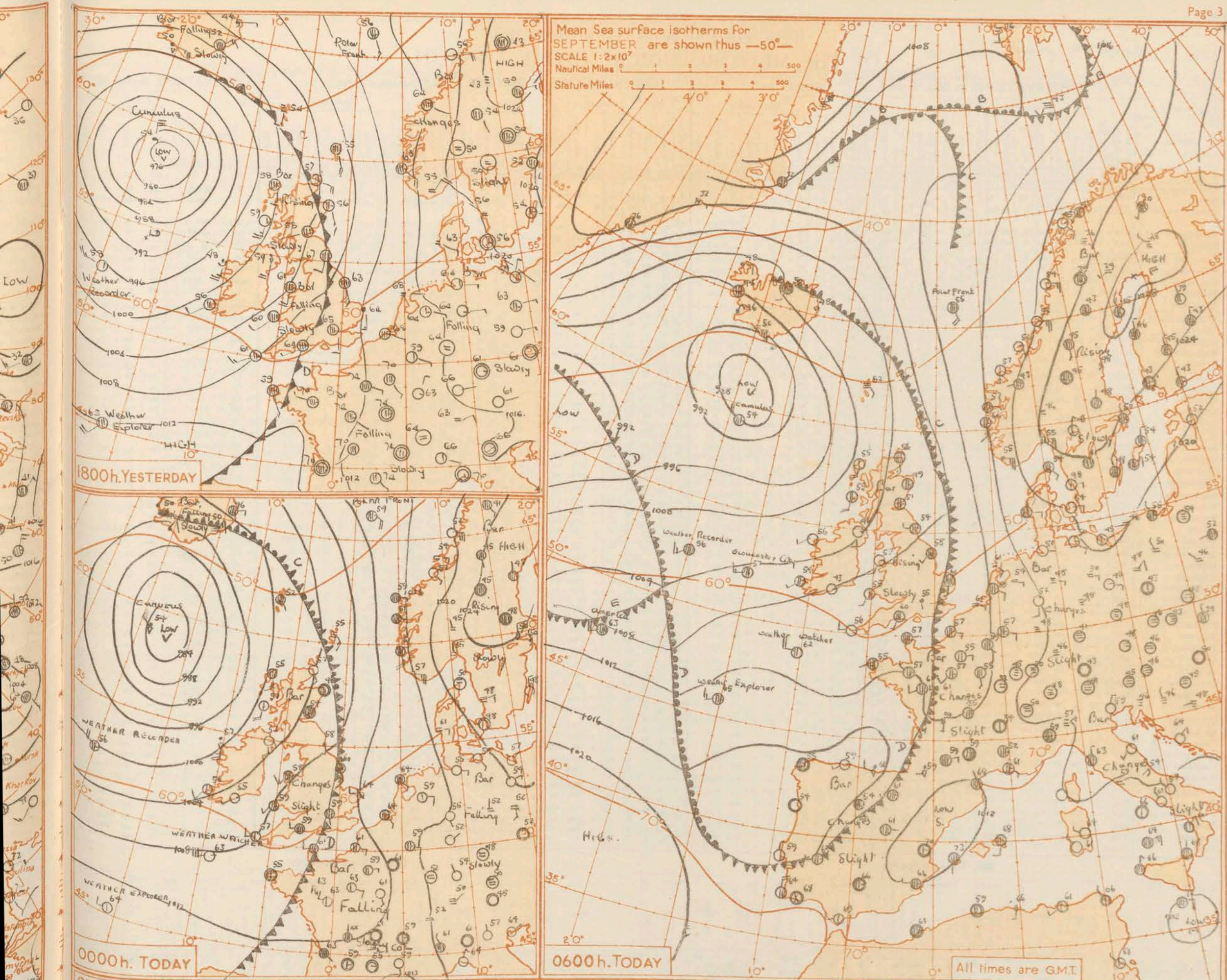




## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE







### GENERAL SYNOPSIS DEVELOPMENT

A ridge of high pressure covers Scandinavia and the depression which was west of Ireland yesterday has moved northwards and is now moving away northwest gradually. The cold front which crossed most of the country yesterday moved a little slower than expected and is still lying across the east coast of England. It will however, move slowly east, followed by a ridge, but a further trough is expected to reach west Ireland tomorrow morning.

Issued at mid-day today Friday 23<sup>rd</sup> September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

Bright periods generally in British Isles today, but also showers, heavy on eastern England at first. Cloudy weather with rain or drizzle spreading to Ireland Wales and Southwest England tomorrow morning, but mostly fine elsewhere with bright periods. Mostly rather warm.

OUTLOOK FOR following 24 hours: Generally changeable with some bright periods, especially in Southwest and rain at times, chiefly in North and West.



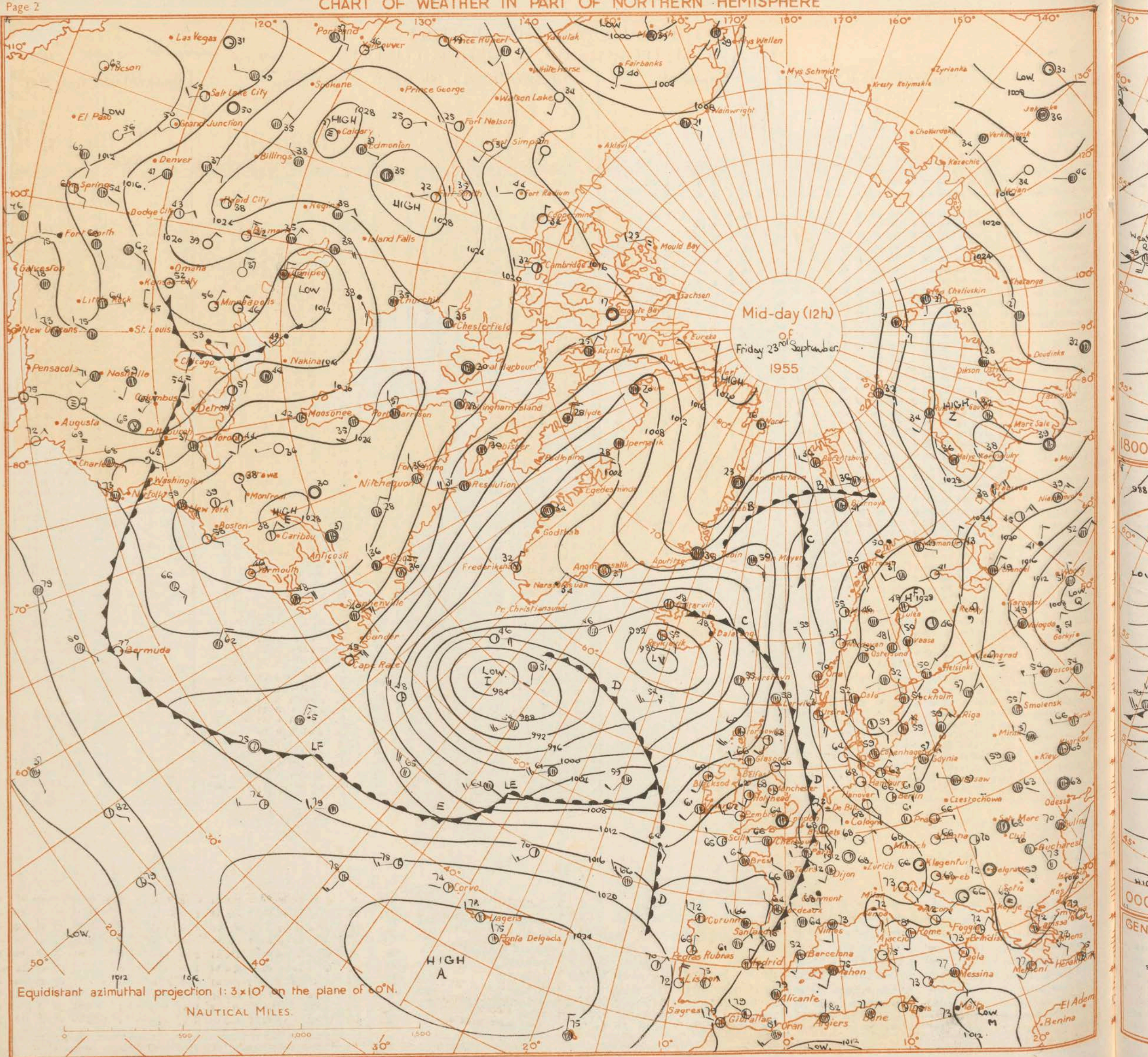
# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 23 <sup>rd</sup> September 1955																									OBSERVATIONS at 06h. G.M.T. 23 <sup>rd</sup> September 1955																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Code FM 11.A	Station	Station Number	Total Cloud	Wind Direction	Speed	Visibility	Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Dew Point Temp.	Bar	Change in 3 hours	Cloud Layers					Total Cloud	Direction	Speed	Visibility	Weather		Bar at M.S.L.	Dry Bulb Temp.	Cloud					Dew Point Temp.	Bar	Change in 3 hours	Cloud Layers					Weather	Temp.		Rain 21h to 09h. in m	State of ground 09h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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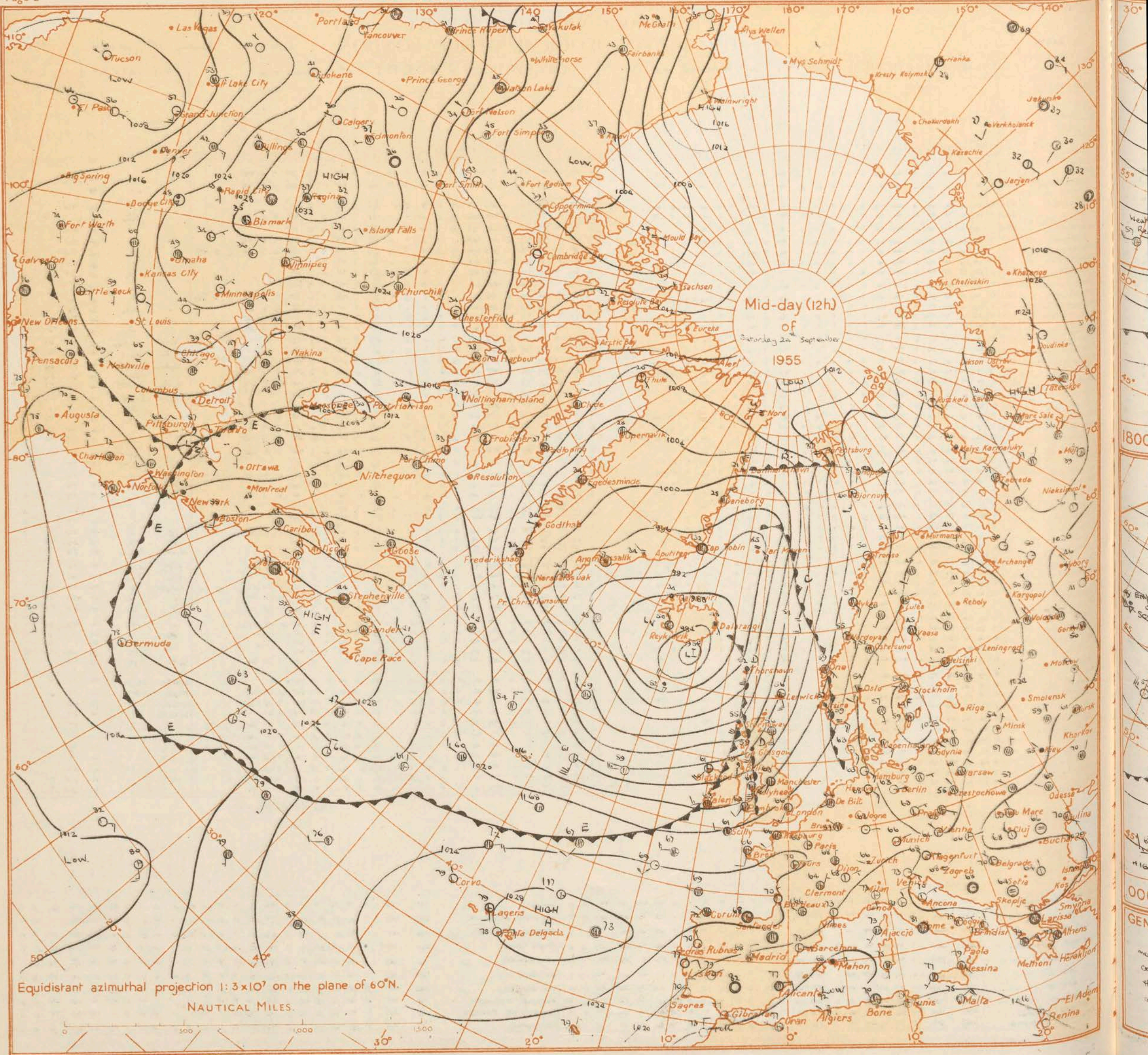
\* Information not usually received.



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



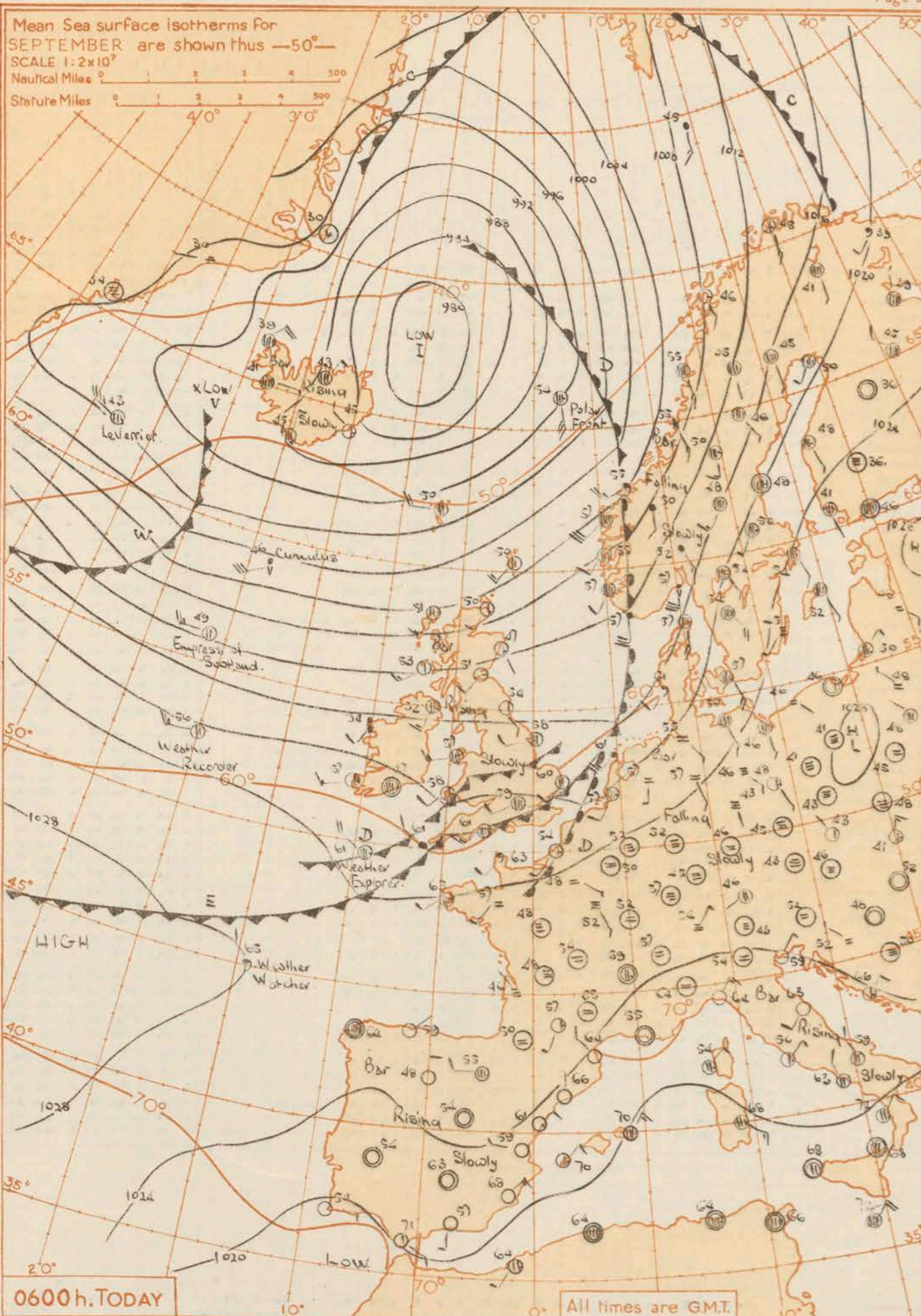
# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Equidistant azimuthal projection 1:3x10<sup>7</sup> on the plane of 60°N.  
NAUTICAL MILES.

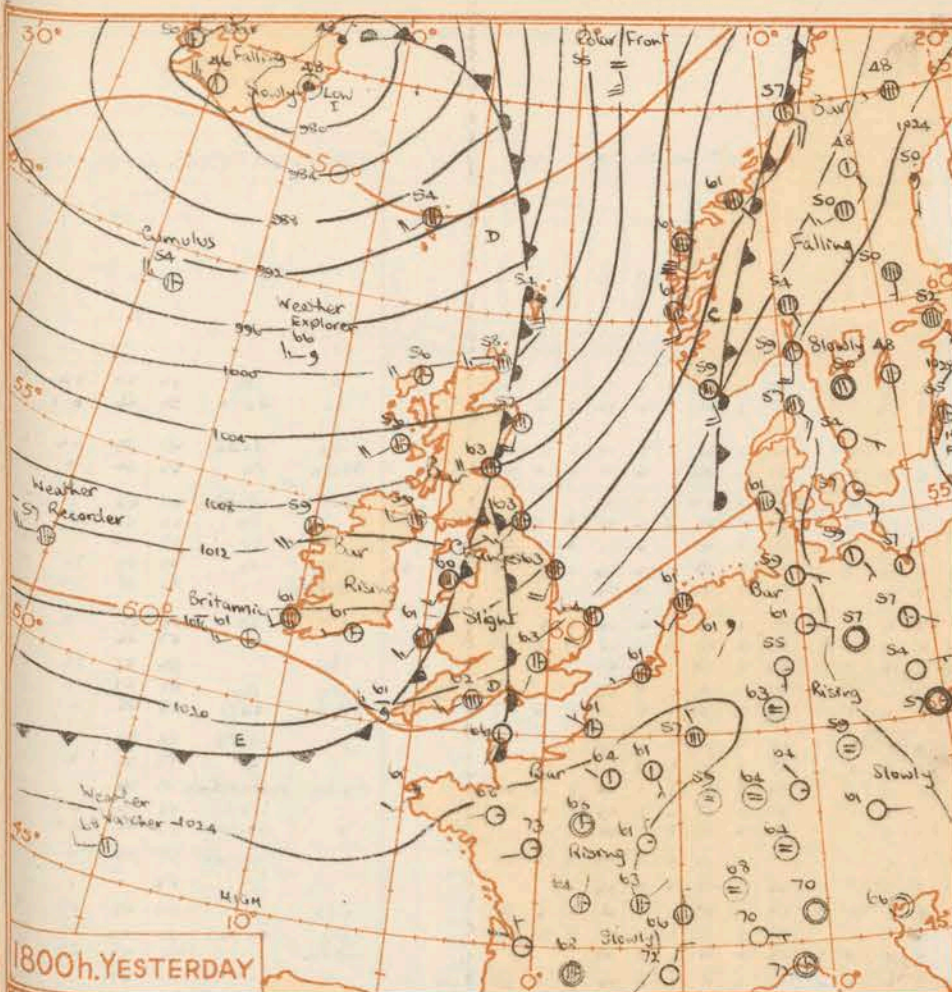


Mean Sea surface isotherms for  
SEPTEMBER are shown thus —5°—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500

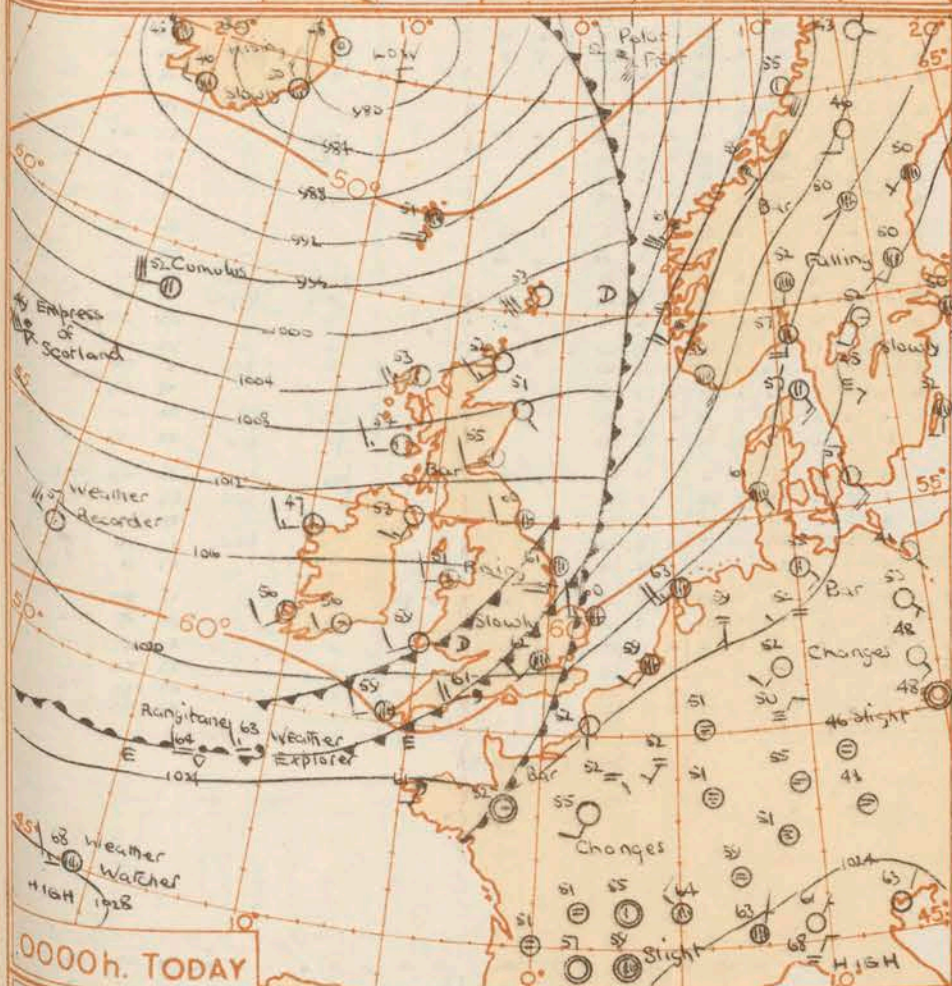


0600h. TODAY

All times are GMT.



1800h. YESTERDAY



0000h. TODAY

## GENERAL SYNOPSIS DEVELOPMENT

The deep depression to the southwest of Iceland yesterday morning moved quickly northeastwards, skirting the east coast of Iceland. The associated cold front had crossed most of the British Isles by this morning and was only affecting the extreme south. A belt of high pressure still persists from the Azores through France to Poland and the Baltic States.

Issued at mid-day today Sunday 25<sup>th</sup> September 1955

## FORECAST FOR BRITISH ISLES until noon tomorrow

Cloudy at first in East Anglia and southern districts of England, generally over the British Isles; showers may be heavy and rather frequent in the northwest. A little colder than of late with temperatures near the seasonal normal.

## OUTLOOK FOR the following 24 hours—

Bright periods but also showers affecting most parts of the country. Showers only slight in the south.



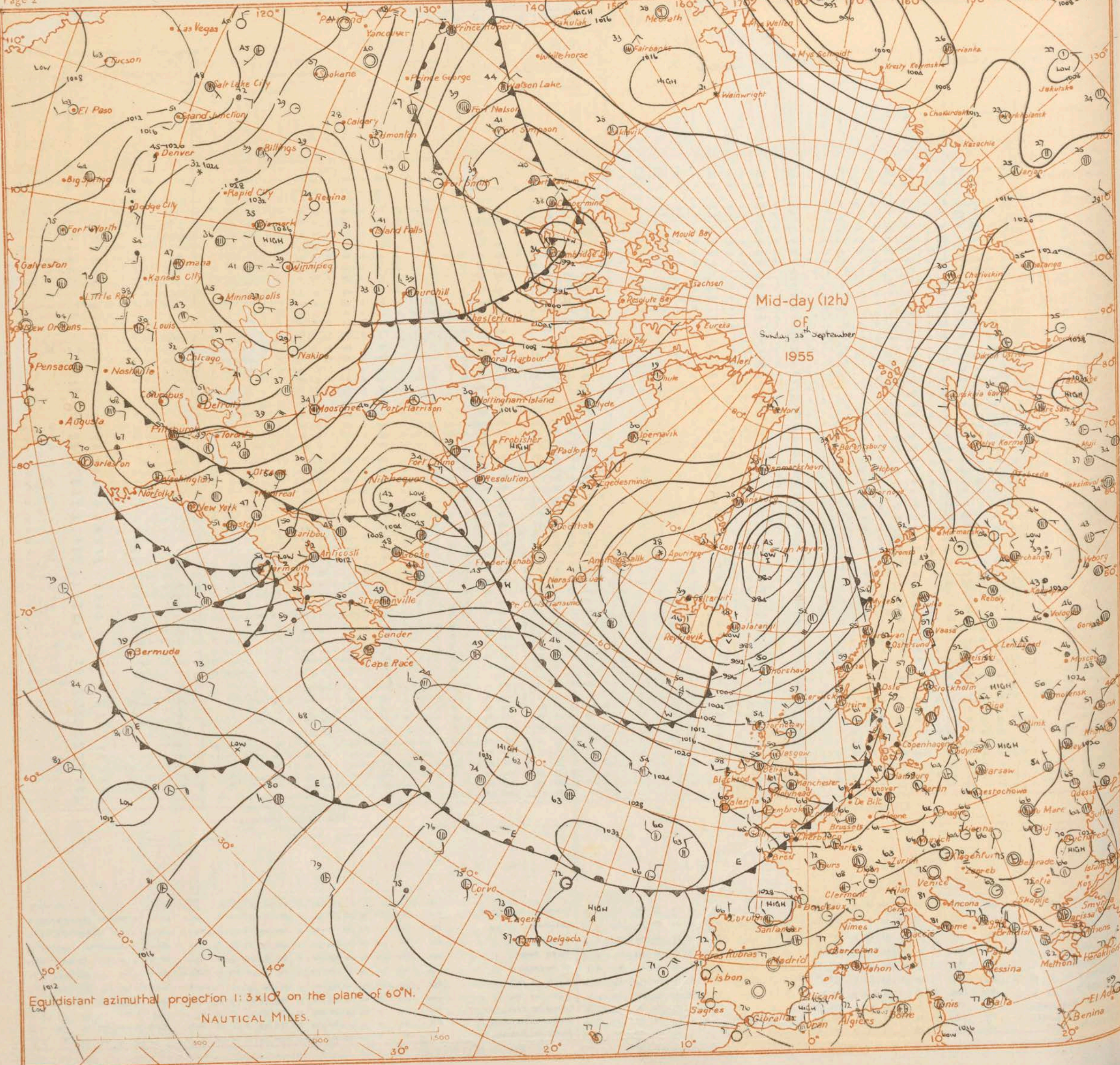








# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









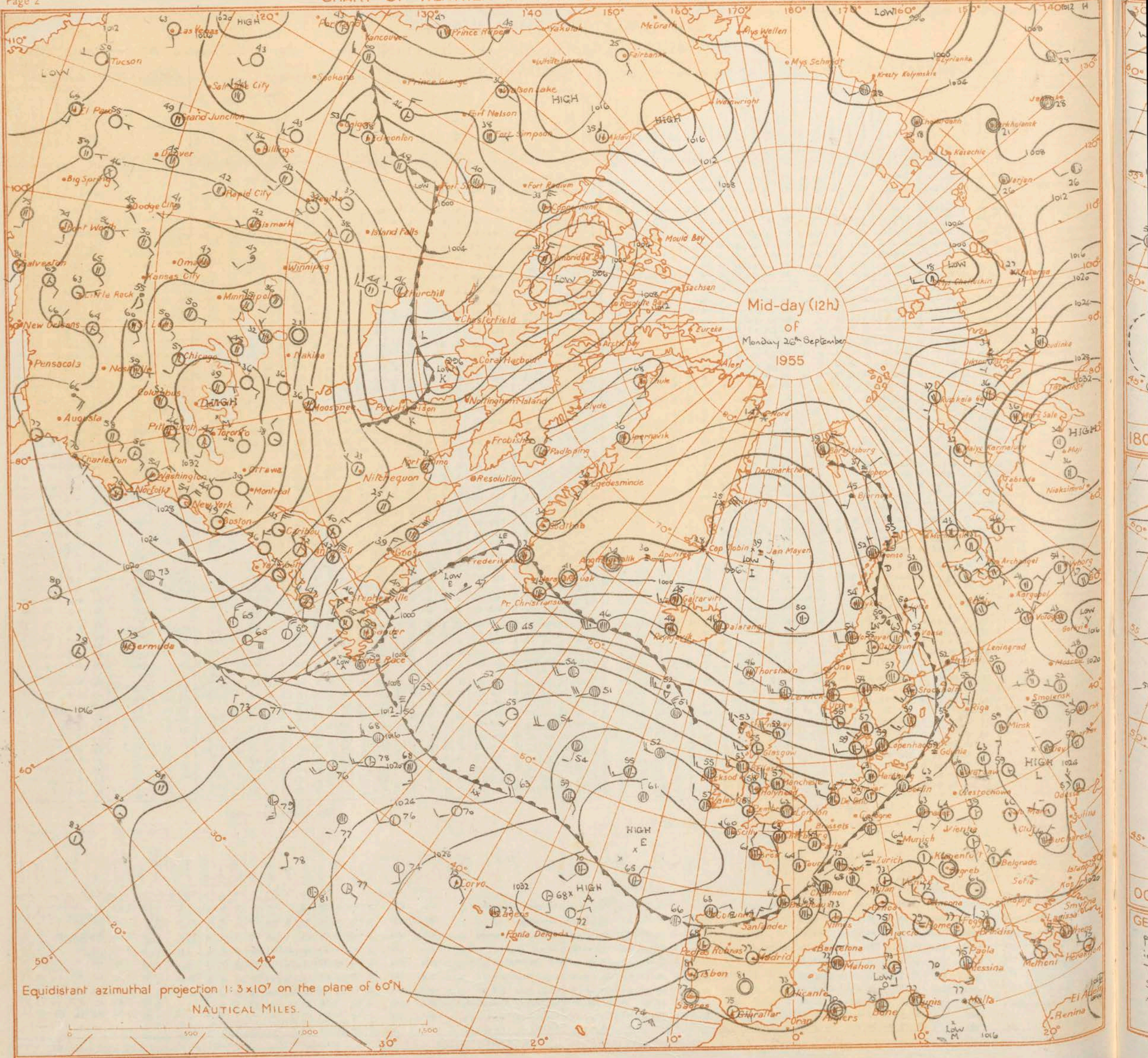
H.M.S.O. Press, M.O. Dunstable.



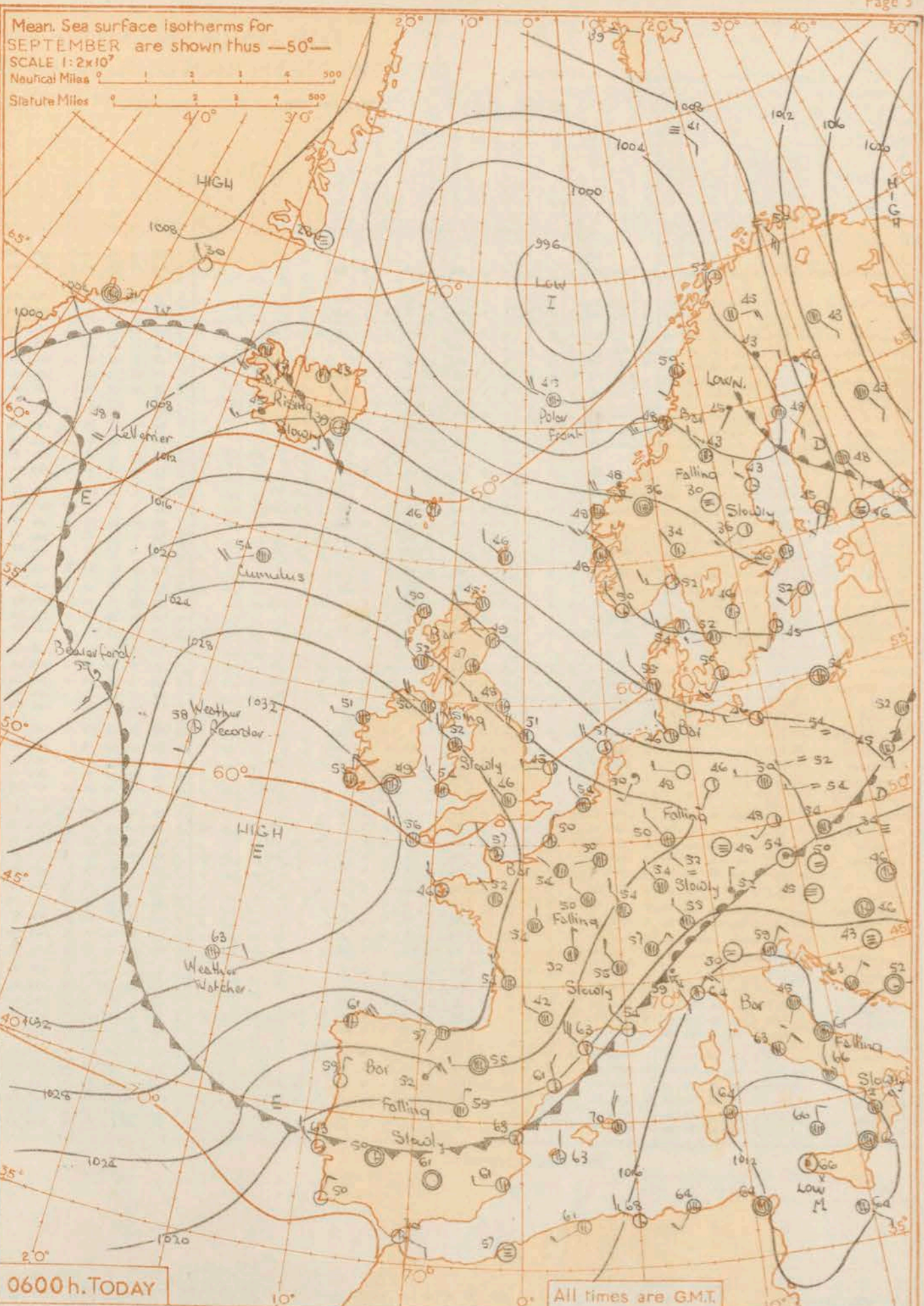
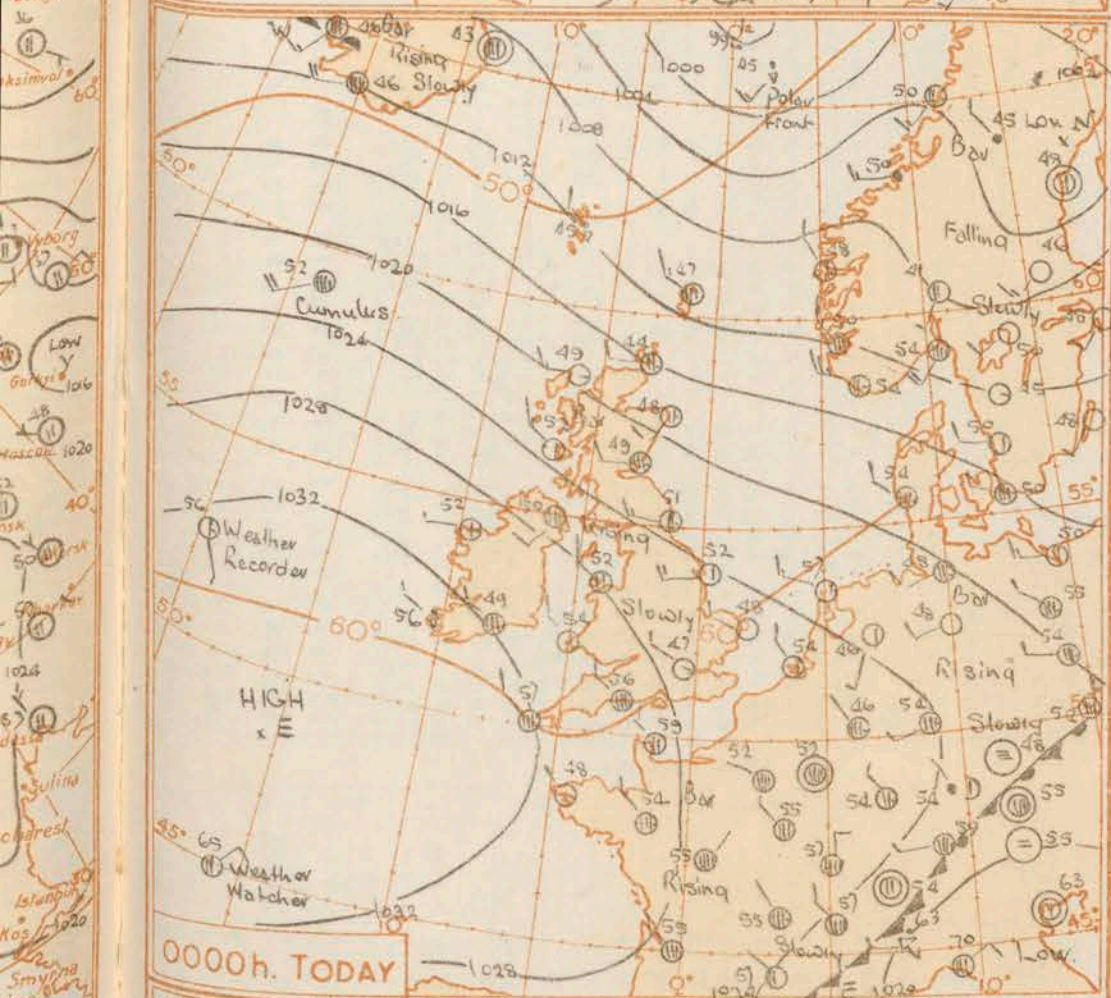
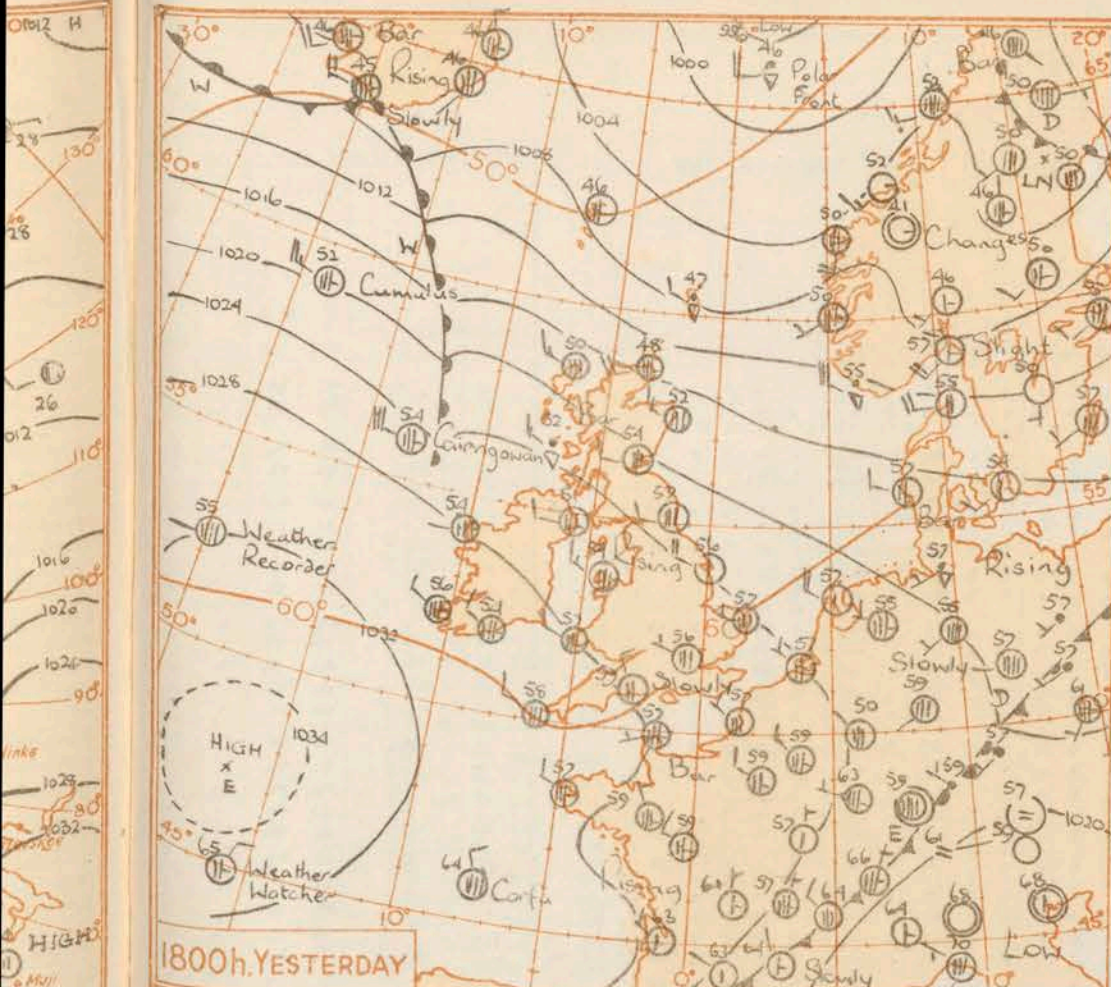




# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE







Mean. Sea surface isotherms for SEPTEMBER are shown thus —50—  
SCALE 1:2x10<sup>7</sup>  
Nautical Miles 0 1 2 3 4 5 6 7 8 9 10  
Statute Miles 0 1 2 3 4 5 6 7 8 9 10

**GENERAL SYNOPSIS DEVELOPMENT** A ridge of high pressure to the west of the British Isles moved east and intensified. A depression moved northeast from Newfoundland and deepened. This depression is expected to continue to move northeast up the Denmark Strait with the associated warm front moving quickly east over the North Atlantic. The ridge of high pressure will move east across the British Isles.

Issued at mid-day today Tuesday 27th September 1955

**FORECAST FOR BRITISH ISLES until noon tomorrow**

Sunny intervals in all areas today, with showers over Scotland, Northern Ireland and northwest England. The showers will largely die out tonight, except in northeast Scotland, and there will be long clear periods in most areas. Tomorrow cloud will increase over Scotland and Ireland, with rain reaching western districts before noon. Temperatures will be a little below normal.

**OUTLOOK FOR the following 24 hour** Cloudy with rain at times in the North. Probably d-y in the south.



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00h. G.M.T. 27th September 1955

OBSERVATIONS at 06h. G.M.T. 27th September 1955

OBSERVATIONS during NIGHT

Code FM 11.A	Station	Station Number	Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Dew Point Temp.		Bar		Cloud Layers		Wind		Weather		Bar at M.S.L.		Dry Bulb Temp.		Cloud		Dew Point Temp.		Bar		Cloud Layers		Weather		Temp.		Rain		State of																																																																																																																																																																																																																																																																																																																																																																																																																											
			Direction	Speed	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	Low	Height	Medium	High	Dew Point Temp.	Character	Change in 3 hours	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form	Height	Amount	Form



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue..Wednesday...28th September..1955

Rain 21h. to 09h. m m.	State of ground 09h.
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35)	(36)
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TR	0
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TR	1
TR	1
0.2	0
1	1
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-	0
0.1	1
TR	1
TR	1

Waves		
Direction	Period	Height
Indv	Pw	Hw
28	x	5
27	4	6
27	4	3
04	3	3
21	4	8
17	3	2
23	2	4
36	x	3
17	4	4
18	x	x

M.O. Dunstable.

[illegible]

12h. Ships Reports																												18h. 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																																		
LAT	LONG					N	dd	ff	VV			ww	W	PP	TT	Nh	CL	h			CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw																							
																																	Direction	Speed	Present	Past	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height					
																																	Direction	Speed	Visibility	Present	Past	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	PP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw																															
CUMULUS	589	192	6	22	18	70	02	2	233	54	6	8	4	4	0	1	1	2	03	01	41	26	4	5	CUMULUS	589	192	7	19	32	60	25	2	188	54	7	8	4	7	0	5	1	8	32	00	50	24	4	5						
WEATHER RECORDER	525	200	6	16	14	98	02	0	296	58	0	0	9	3	0	0	0	8	10	01	55	49	1	3	WEATHER RECORDER	524	200	8	09	16	98	50	5	285	58	8	6	2	1	5	1	3	05	01	57	49	4	5							
WEATHER WATCHER	449	160	1	07	10	99	01	0	339	64	1	5	6	0	0	0	0	0	01	53	54	07	4	3	POLAR FRONT	400	020E	5	30	29	99	45	8	063	46	4	3	4	6	1	0	0	2	24	55	39	30	4	6						
POLAR FRONT	600	020E	6	31	10	97	01	8	020	46	5	9	4	6	1	0	0	2	19	53	42	20	4	5	WEATHER WATCHER	450	160	1	10	07	99	02	0	331	64	1	5	7	0	0	8	0	2	00	53	53	49	4	6						
LE VERRIER	631	330	8	17	36	40	63	6	986	48	6	7	2	2	1	0	0	8	46	01	43	20	3	7	LE VERRIER	620	330	8	13	40	20	65	6	946	48	8	7	2	1	2	1	8	35	02	43	20	4	8							
U.S. SHIP B	865	510	8	32	28	65	02	3	001	41	8	4	5	1	1	0	0	2	29	57	33	32	3	8	U.S. SHIP C	528	355	6	25	20	65	02	4	126	56	6	0	9	7	0	0	0	2	34	03	46	23	3	5						
U.S. SHIP C	528	355	9	20	20	09	45	5	060	57	9	1	0	1	1	0	0	5	15	05	57	17	1	5	U.S. SHIP D	440	410	8	20	27	65	80	8	141	73	6	3	5	6	1	0	0	7	07	02	70	20	2	5						
U.S. SHIP D	440	410	6	20	18	67	02	1	162	72	2	2	5	5	8	0	0	5	08	01	70	20	2	5	TEVIOT	459	189	8	27	03	98	02	2	318	69	8	8	4	1	2	4	6	02	02	46	80	2	5							
VIRGINIA LAKES	459	125	7	02	10	98	02	0	339	72	4	5	4	6	2	5	5	2	03	02	21	02	2	1	SCOTTISH EAGLE	467	072	9	03	10	99	02	2	317	63	8	7	4	1	5	5	4	00	52	52	31	3	6							
HOMERIC	525	183	4	19	20	08	02	0	301	59	2	1	8	3	3	2	7	1	10	02	52	20	5	4	HOMERIC	521	153	7	20	20	98	03	0	310	59	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

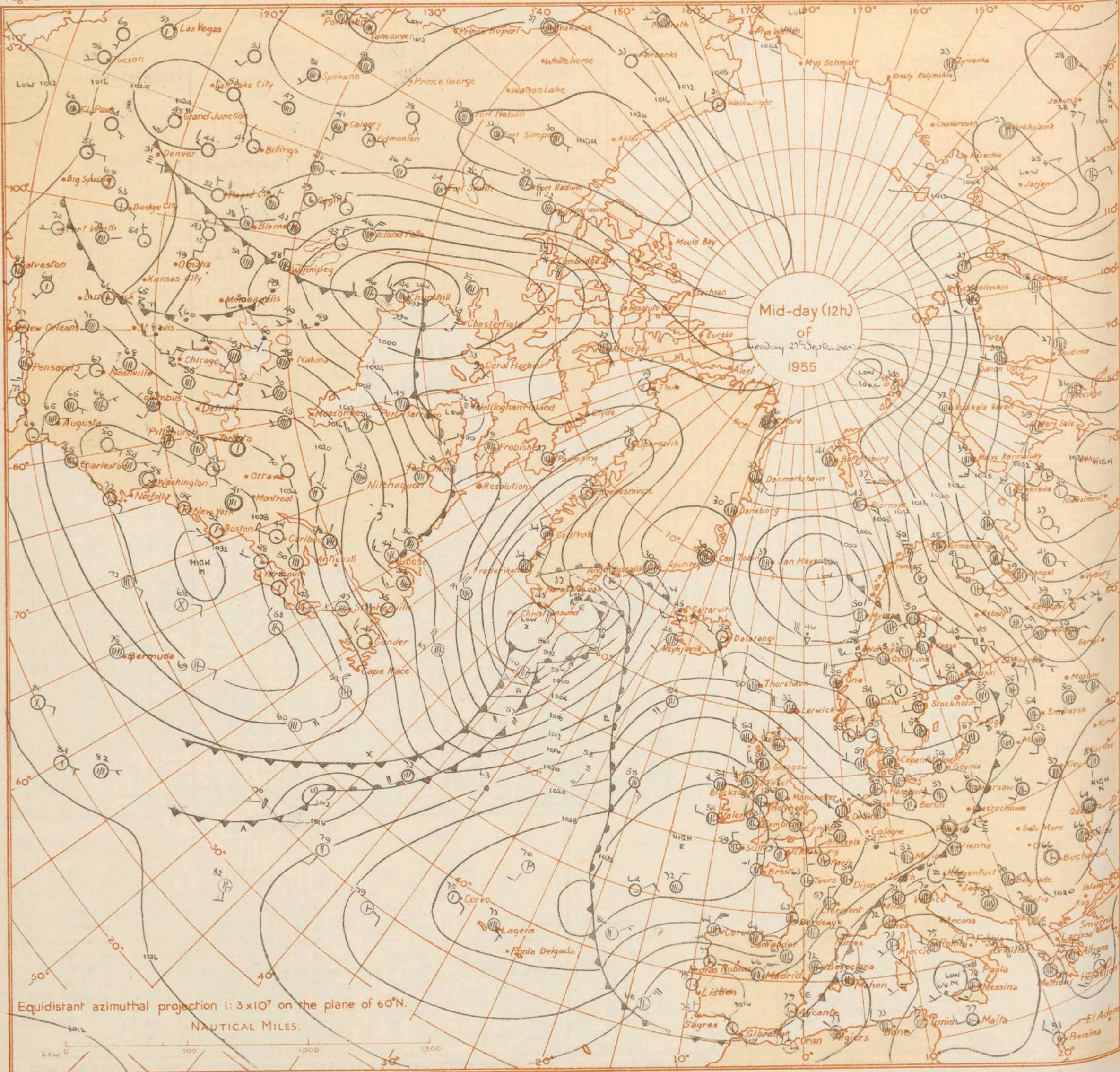
All times of observation printed in this publication are GREENWICH MEAN TIME.

\* 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



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Equidistant azimuthal projection 1:3x10<sup>7</sup> on the plane of 60°N.  
NAUTICAL MILES.







## No...

Code F

St

\* Information not usually received.

Kew

Tangm

Guernsey  
Felixstowe

Milden  
Cranfie

Witter  
Boscon  
B

Aberp...

Chiver

Culdro  
Scilly  
Flint

Manch

Valley  
Ronald  
Sillit

Spurn  
Liedt

Tynen  
Eskdal

West  
Presby  
Refre

Dyce  
Wick

Sule S  
Lerwi

Benbo  
Tires

Castle  
Malin

Birr  
Collin

Middle  
Valen

Code

C

11

五

21





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Date of Issue...Thursday...29<sup>th</sup>...September...1955

8 NIGHT

Rain 21h. to 09h. m m.	State of ground 09h.
---------------------------	-------------------------

(55)	(56)
-	0
-	0
-	0
-	0

—	1
—	0
—	0
—	0
—	0
TR	0

—	0
TR	0
—	0
—	0
TR	1
—	1

-	1
-	
0.2	1
-	0
-	0
IR	0

TR	0
04	1
04	1
-	0
TR	0
TR	0

	1	1	1	1	1	0
	-	-	0	0	0	0

0.6	1
1	1
TR	1
-	0
-	0
0.3	1
7	1

0.5	0
-	1
2	1
TR	1
TR	1
2	1

TR	1
0.2	1
0.3	1
TR	0
TR	1
-	0

TR 0  
— 0  
— 0

Waves

Direction	Period	Height
dwdw	Pw	Hw

23	4	7
22	-	4
29	4	5
66	3	3
73	4	8
	3	4

24	5	7
33	3	-
19	-	-
09	-	-
71	4	6

received.  
M.O. Dunstable

[illegible]

Waves		
Direction	Period	Height

dwdw	pw	hw
23	4	9
22	-	4
29	4	5
/	3	3

66	4	8
73	4	4
24	3	7
33	3	-
19	-	-
08	-	-

received.  
M.O. Duntz

12h. Ships Reports																								18h. 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 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	Character c	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
Lat	Lon	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw	Lat	Lon	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	Ds	Vs	a	pp	TsTs	TdTd	dwdw	Pw	Hw					
WEATHER RECORDER	523	198	8	02	16	98	02	2	24.5	53	7	5	7	-	-	0	0	8	08	02	57	24	4	4	CUMULUS	590	190	8	22	20	65	25	2	109	54	4	8	4	2	-	5	1	6	11	01	50	24	4	7			
CUMULUS	590	190	6	24	26	70	02	2	139	54	5	8	4	5	0	1	1	1	11	01	46	24	4	8	WEATHER RECORDER	524	199	9	20	17	92	47	4	217	59	9	0	0	-	0	0	8	19	02	59	45	-	4				
WEATHER WATCHER	450	161	7	08	14	98	02	2	326	64	7	5	6	-	-	0	0	8	01	52	54	08	3	3	POLAR FRONT	660	020E	8	18	26	96	63	6	999	50	7	7	3	2	-	0	0	7	15	52	46	20	4	4			
POLAR FRONT	660	020E	8	23	18	99	02	2	065	48	3	5	4	1	-	0	0	7	13	52	39	27	4	4	WEATHER WATCHER	450	160	7	08	08	98	02	2	312	64	7	5	6	-	-	0	0	7	12	53	54	08	3	3			
ESSEX TRADER	568	319	8	22	18	98	03	2	127	49	8	5	4	-	-	2	3	2	07	52	37	24	4	5	LE VERRIER	623	335	1	24	30	70	01	0	900	46	1	1	4	0	0	5	1	1	07	01	37	74	4	5			
LEVERRIER	623	334	1	25	48	65	01	8	363	45	1	1	4	0	0	6	1	3	29	50	37	75	4	3	U.S. SHIP 'C'	528	355	8	36	12	69	02	6	141	50	8	4	5	-	-	0	0	5	02	52	40	49	-	3			
U.S. SHIP 'C'	528	355	8	34	10	71	61	6	147	49	8	0	5	2	-	0	0	6	08	53	47	43	4	3	U.S. SHIP 'B'	440	410	6	32	25	69	02	2	240	60	6	5	5	-	-	0	0	2	14	60	47	33	3	6			
U.S. SHIP 'D'	440	410	6	34	35	64	02	6	108	64	6	5	5	3	0	0	0	2	39	61	48	33	2	7	BISCOE	552	031E	4	27	13	98	02	1	234	56	4	1	5	6	1	4	1	3	05	00	50	30	2	2			
CILICIA	411	096	4	05	15	94	02	1	221	63	0	0	9	0	1	8	5	4	00	02	58	05	4	5	DEERPOOL	485	197	6	17	05	98	11	1	290	63	4	4	3	5	0	1	4	6	04	52	62	19	2	1			
GROSVENOR PETERLIN	106	282	8	16	20	98	18	2	102	71	4	6	1	5	0	5	6	4	00	00	67	16	3	2	TEVIOT	474	135	3	00	-	00	02	0	315	63	1	1	4	0	2	2	4	6	02	51	54	14	2	1			

received.  
M.O. Dunstable

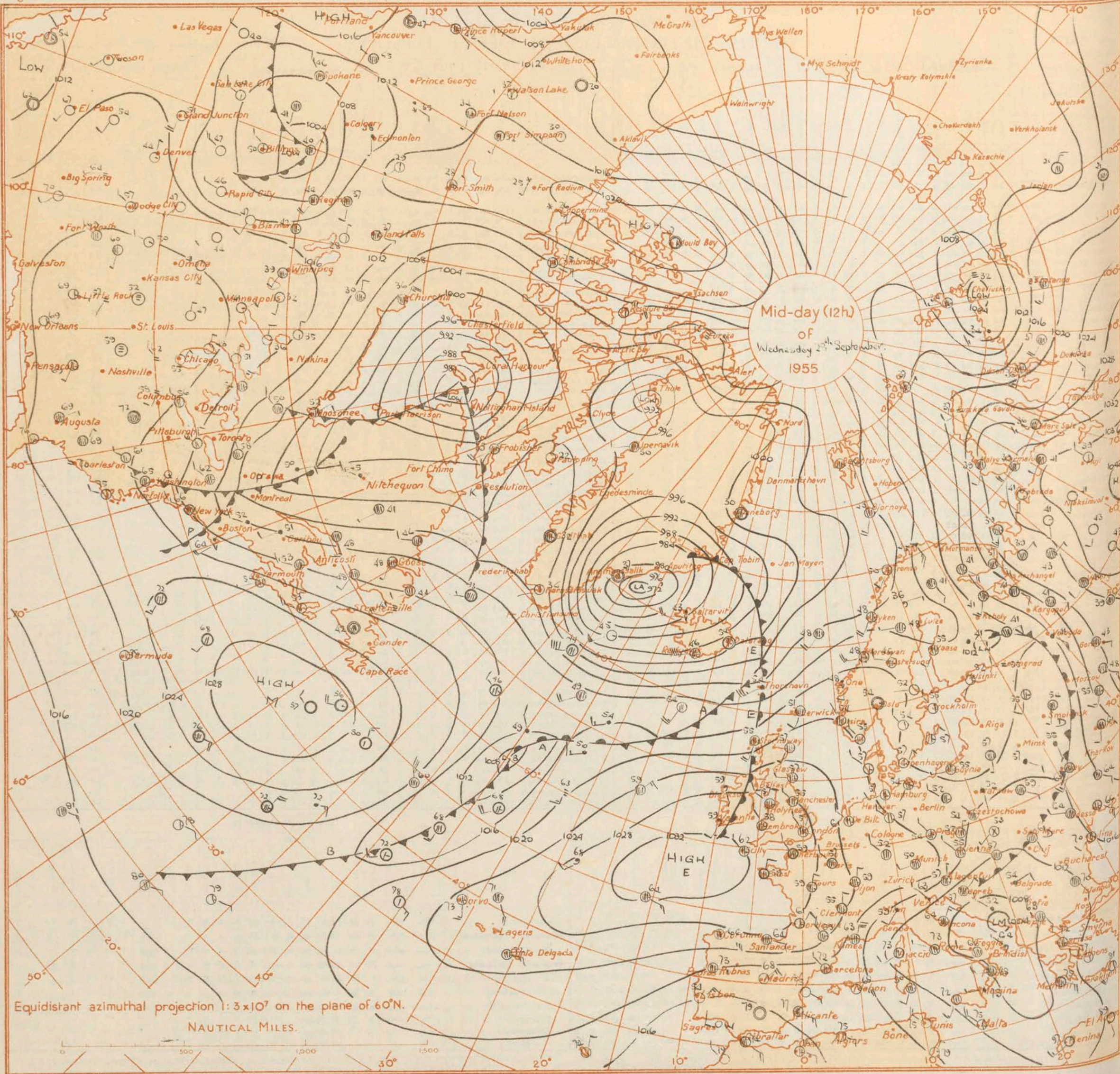
All times of observation printed in this publication are GREENWICH MEAN TIME.

\* 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

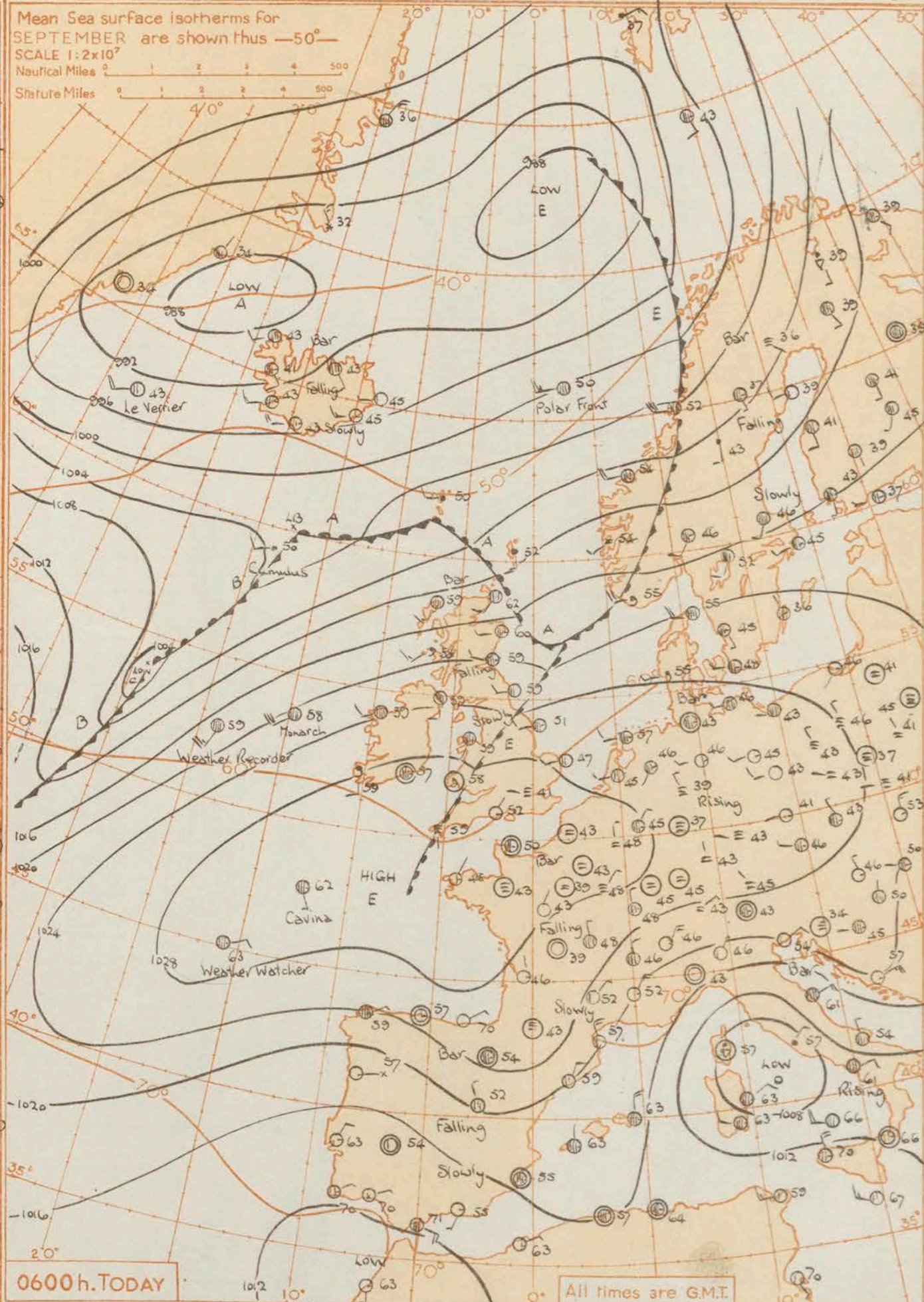
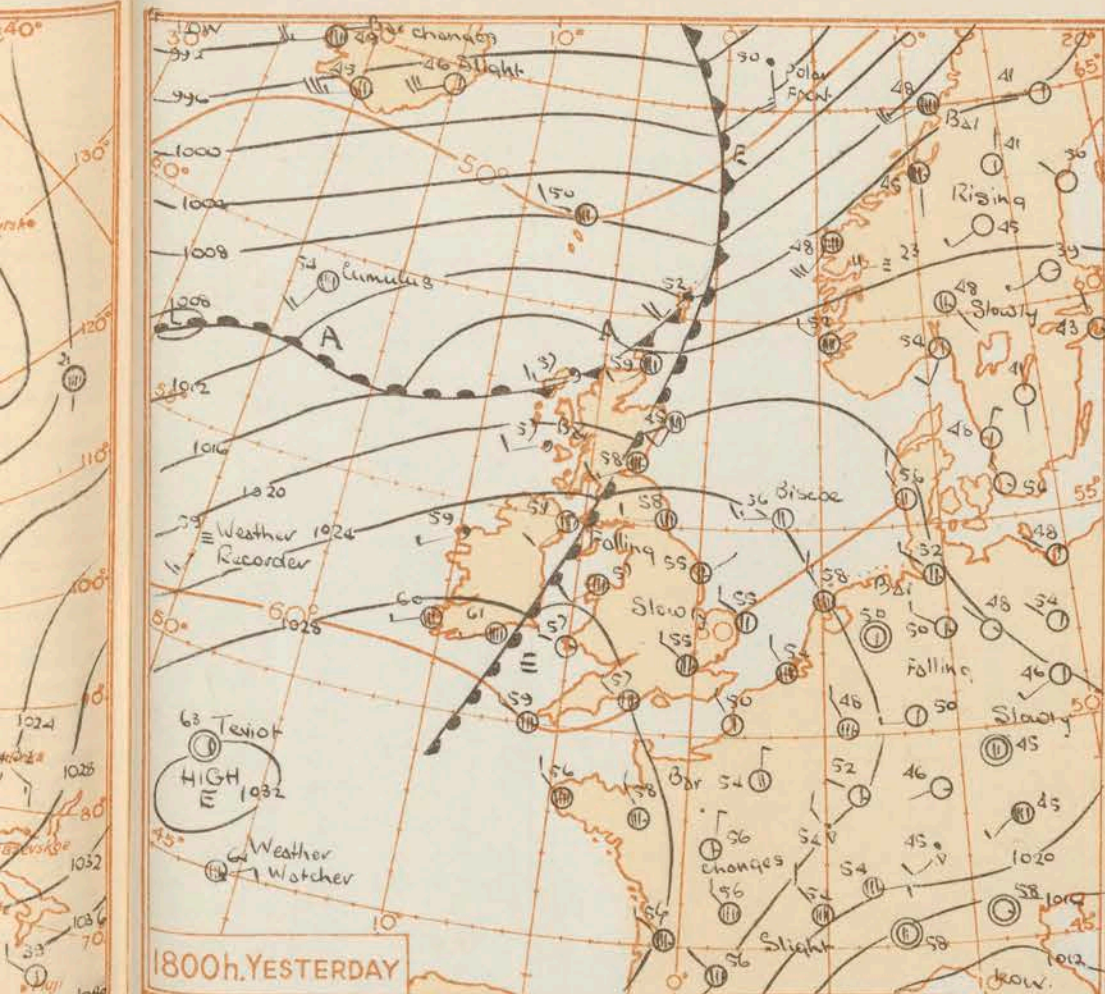


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Equidistant azimuthal projection 1:3x10<sup>7</sup> on the plane of 60°N.  
NAUTICAL MILES.





### GENERAL SYNOPTIC DEVELOPMENT

A deep depression in the Denmark Strait moved slowly northeast with some filling with a new centre forming further northeast in the occlusion. These systems will probably continue to move somewhat slowly northeastwards. The anticyclone southwest of Britain remained almost stationary but some eastward progression is expected. A weak warm front moved across northern and western districts and will clear the country later with a cold front with waves edging gradually into northwestern districts tomorrow.

Issued at mid-day today Thursday 29<sup>th</sup> September 1955

### FORECAST FOR BRITISH ISLES until noon tomorrow

Cloudy weather with occasional drizzle will persist in the north and west and more continuous rain may spread to Northern Ireland and much of Scotland late tonight or tomorrow morning. In the east and southeast it will be fine at first becoming cloudy later with drizzle here and there but some bright periods are expected. It will be rather warm.

**OUTLOOK FOR next 24 hours:**— Some rain or showers in north and west. Probably mainly dry in southeast.



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



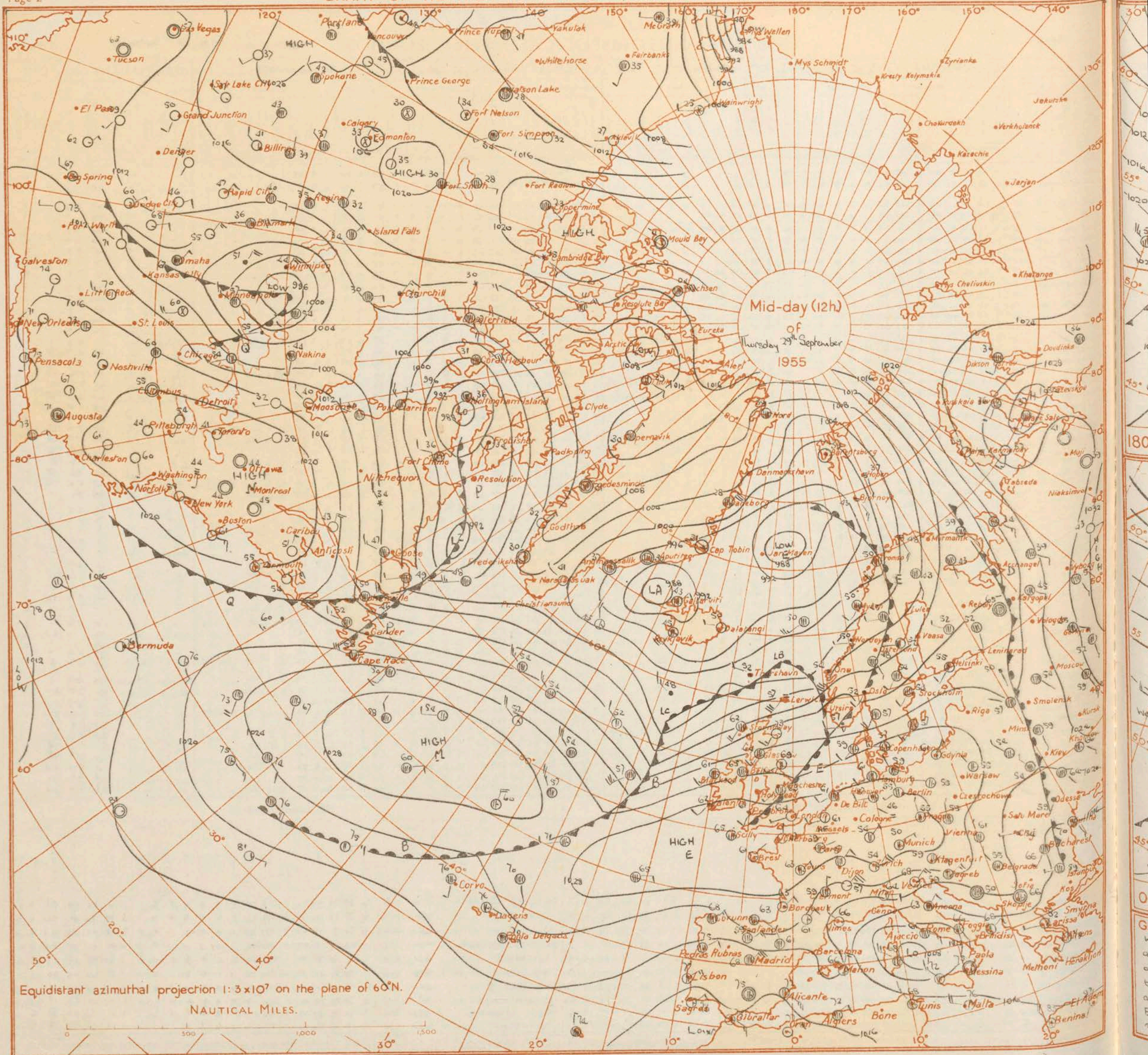
## 1955

1955

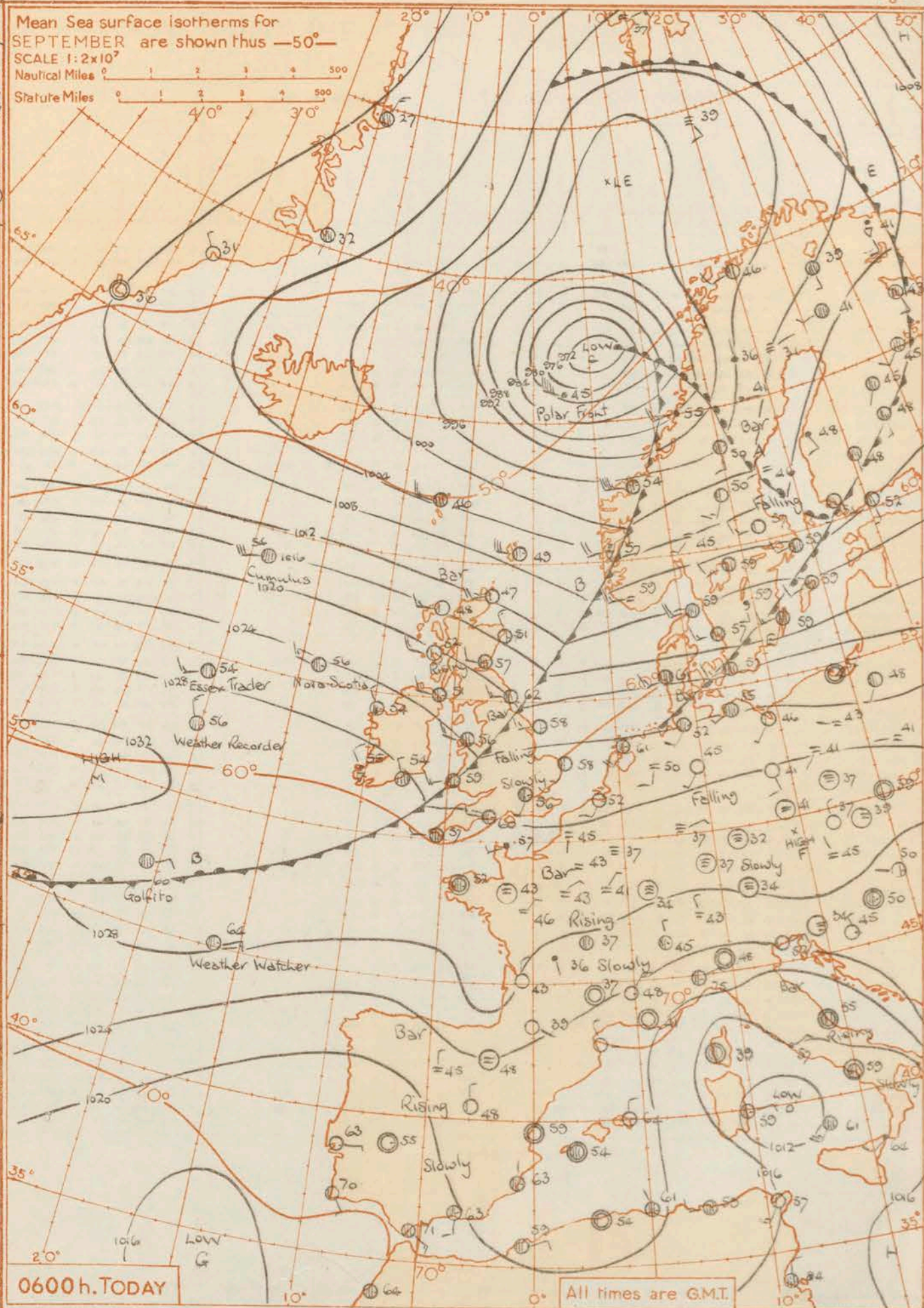
Code FM 21.A		12h. Ships Reports																				18h. Ships Reports																											
Ship	LAT.	LONG.	Total Cloud				Wind				Weather				Bar at M.S.L.				Dry Bulb Temp.				Cloud				Course		Bar.	Temp.	Waves																		
			Direction	Speed	Visibility	Present	Past	Bar at M.S.L.	Dry Bulb Temp.	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height																										
																								N	dd	ff	VV	ww			W	PPP	TT	Nh	CL	h	CM	CH	Ds	vs	a	pp	Ts	Td	Td	dwdw	Pw	Hw	
CUMULUS	590	190	8	28	15	65	63	6	024	48	4	5	4	2	-	6	1	8	10	54	46	25	5	7	WEATHER RECORDER	524	198	6	30	25	98	02	2	254	55	5	8	5	0	9	6	1	2	41	52	43	28	4	9
WEATHER RECORDER.	324	198	8	25	35	97	02	2	150	57	8	5	4	-	0	0	3	03	50	51	43	4	4	CUMULUS	540	193	6	27	33	70	25	6	039	52	5	9	4	6	0	6	1	3	20	52	41	26	5	8	
POLAR FRONT.	660	020E	6	25	25	98	01	2	987	50	4	2	4	4	-	0	0	2	02	51	45	25	5	6	POLAR FRONT	660	020E	9	26	17	98	43	8	977	50	4	8	4	5	-	0	0	7	08	52	48	28	4	4
WEATHER WATCHER	431	101	7	07	08	98	02	2	291	65	7	5	5	-	0	0	6	00	52	53	10	3	3	WEATHER WATCHER	450	163	7	04	11	98	02	2	284	66	7	5	5	-	0	0	4	00	51	55	08	3	4		
LEVERRIER.	621	330	3	35	22	70	01	1	961	45	2	1	4	4	1	0	0	2	50	51	37	31	4	4	LEVERRIER	621	330	2	24	20	70	01	1	010	46	3	1	4	9	0	0	0	2	30	51	37	29	3	6
U.S. SHIP 'C'	528	355	1	29	22	72	02	0	233	52	1	1	6	0	0	0	0	2	22	00	44	29	3	5	U.S. SHIP 'C'	528	355	4	25	13	69	03	2	245	56	1	1	5	0	5	0	0	1	02	04	49	30	3	4
U.S. SHIP 'D'	440	410	8	02	10	69	02	2	311	60	8	4	5	-	0	0	2	13	59	46	02	3	3	U.S. SHIP 'D'	440	410	6	07	14	69	02	2	303	65	6	5	6	0	8	0	0	4	3	05	01	57	17	2	2
MONARCH	527	135	8	24	30	98	02	2	214	60	8	8	6	0	0	3	4	6	06	01	58	24	5	6	REGENT ROYAL	457	209	1	20	09	98	01	0	284	66	0	0	4	0	0	1	4	3	05	01	57	17	2	2
ESSEX TRADER	530	247	4	29	09	98	01	8	116	52	4	2	5	-	1	3	2	09	52	41	30	3	5	ESSEX TRADER	533	240	7	26	18	99	02	2	184	52	7	8	4	0	0	3	3	2	07	53	46	27	4	6	
CAVANA	460	142	8	11	03	99	02	2	301	62	8	5	4	-	5	4	4	00	52	57	11	2	1	ARAKAKA	460	230	8	18	13	97	53	2	276	66	8	6	3	-	1	4	1	12	51	64	18	3	2		
All times of observation printed in this publication are GREENWICH MEAN TIME.												Information not usually received.												SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2.																									



## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE







This is a hand-drawn weather map on a grid, showing a complex weather system over the North Atlantic and Europe. The map includes the following elements:

- Pressure Systems:** High-pressure areas are marked with values like 1032, 1028, 1024, and 1022. Low-pressure areas are marked with values like 1004, 1002, 1000, and 1006.
- Fronts:** A cold front is labeled "Cold Front A" with a line featuring triangles. Other front lines are indicated by dashed and solid lines with various symbols.
- Clouds and Weather:** "Cumulus" clouds are noted in the upper left. Weather conditions like "Falling", "Rising", "Slowly", and "Bar" (barometer) are written near various stations. A "Weather Recorder" and "Weather Watcher" are also labeled.
- Geographical Labels:** Names like "Kursk", "Khalilov", "Istanbul", and "Simphra" are visible along the edges, likely indicating specific locations or stations.
- Time and Date:** The bottom left corner is labeled "0000h. TODAY".
- Other Features:** The map includes numerous numerical data points (e.g., 46, 39, 45, 54, 57, 58, 61, 62, 52, 48, 45, 37, 41, 39, 43, 37, 45, 46, 52, 63) and symbols representing different weather phenomena like rain, sun, and clouds.

at mid-day today Friday 30th September 1955		FORECAST FOR BRITISH ISLES until noon tomorrow
building ridge northeast to off Northern Ireland near southwest may develop in	<p>here and there but also bright intervals; sunny periods tomorrow. Elsewhere scattered showers and sunny intervals especially in eastern Scotland and northeast England. Perhaps more general cloud affecting the northwest later.</p> <p><b>OUTLOOK FOR</b> the next 24 hours:- Mainly fine but cloudy in the northwest perhaps with occasional rain.</p>	

**OUTLOOK FOR** the next 24 hours:- Mainly fine but cloudy in the northwest perhaps with occasional rain.

All times are G.M.T.

**GENERAL SYNOPTIC DEVELOPMENT** The anticyclone in the western Atlantic moved east-northeast and intensified. The anticyclone to southwest of Britain developed a main centre in the building ridge over Central Europe. A wave on the cold front west of Britain moved northeast to the Norwegian Sea and deepened rapidly bringing the cold front well across Northern Ireland and northern Britain. The Atlantic anticyclone will move on track to near south west England with the cold front clearing Britain but a new warm front may develop in mid-Atlantic and advance towards northwestern districts.

Issued at mid-day today Friday 30<sup>th</sup> September 1955

FORECAST FOR BRITISH ISLES until noon tomorrow

Mostly cloudy in the south with a little rain or drizzle here and there but also bright intervals; sunny periods tomorrow. Elsewhere scattered showers and sunny intervals especially in eastern Scotland and northeast England. Perhaps more general cloud affecting the northwest later.

**OUTLOOK FOR** the next 24 hours:- Mainly fine but cloudy in the northwest perhaps with occasional rain.



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	N				dd	ll	VV	ww			W	PPP	TT	Amount	Low	Height	Medium			High	Direction	Speed					Character	Change in 3 hours	Sea	Dew Point			Direction	Period	Height	N	dd	ll	VV			ww	W	PPP	TT	Amount	Low	Height	Medium	High	Direction	Speed	Character	Change in 3 hours	Sea	Dew Point	Direction	Period	Height
WEATHER RECORDER	525	200	3	29	18	98	01	2	284	56	3	0	9	3	0	0	0	2	19	51	39	28	4	8	CUMULUS	570	191	8	26	30	65	25	2	124	57	8	9	4	-	-	6	1	3	09	50	46	76	5	1										
CUMULUS	599	189	6	28	32	70	20	1	116	50	6	9	4	0	0	2	1	2	21	51	39	26	5	9	WEATHER RECORDER	525	201	7	31	19	98	01	2	301	56	7	5	5	-	-	7	1	2	08	51	43	30	7	4										
POLAR FRONT	660	020E	8	19	10	98	60	6	906	48	6	7	3	2	-	0	0	7	55	51	45	23	4	3	WEATHER WATCHER	450	165	7	07	15	98	02	5	293	64	7	5	5	4	-	0	0	6	06	52	58	07	3	7										
WEATHER WATCHER	451	160	8	06	11	97	50	5	295	64	8	5	5	-	-	0	0	2	06	52	57	08	3	4	POLAR FRONT	660	020E	8	29	45	96	63	6	767	45	6	7	3	2	-	0	0	5	11	53	45	30	5	5										
LEVERRIER	621	321	4	26	20	70	01	8	051	45	4	8	4	0	0	5	1	2	21	51	37	25	3	6	U.S. SHIP 'C'	518	355	3	23	20	69	00	1	294	56	3	0	3	3	0	0	0	7	10	01	51	26	4	3										
U.S. SHIP 'C'	526	355	2	23	17	69	02	0	257	53	2	0	9	3	0	0	0	4	00	01	49	27	3	5	U.S. SHIP 'D'	440	410	5	11	08	69	01	2	299	69	3	5	5	0	0	0	0	6	03	56	48	06	4	1										
U.S. SHIP 'D'	440	410	2	07	13	69	01	2	305	62	2	4	6	0	0	0	0	4	00	57	51	05	3	3	NOVA SCOTIA	553	145	7	29	43	97	03	1	238	56	7	6	4	-	-	6	4	1	08	54	48	28	-	4										
MONARCH	514	100	8	21	16	98	51	2	465	60	8	6	6	-	-	3	4	1	13	01	58	21	5	3	EMPIRE HALLADALE	429	096	1	08	20	98	02	2	207	51	0	0	9	0	0	4	4	7	06	58	54	08	-	1										
CAVINA	430	170	8	08	09	98	02	2	299	63	8	5	4	-	-	5	4	4	00	52	56	12	3	-	GOLFITO	471	246	8	05	12	98	02	2	307	60	8	5	7	-	-	2	6	7	10	55	60	30	-	6										
CILICIA	497	067	8	00	00	98	15	2	297	62	8	8	7	-	-	8	4	2	05	02	62	00	-	0	ESSEX TRADER	54.4	208	8	24	13	98	02	2	282	54	8	5	5	-	-	3	3	2	20	52	48	24	4	6										

\* Information not usually received.