

# THE DAILY WEATHER REPORT

BRITISH SECTION

1st January to 31st March,

1942



AIR MINISTRY, METEOROLOGICAL OFFICE,  
LONDON, W.C.2

# INTRODUCTION

The Daily Weather Report has been issued in three sections since April 1st, 1919, the British and International Sections consisting of four pages and the Upper Air Section of two pages. On 1st January, 1942, all three sections were modified. The International Section was reduced to two pages of charts supplemented at eight-day intervals by a four page tabular statement of foreign observations. The Upper Air Section was increased to four pages giving two pages of charts and diagrams and two pages of observations in tabular form. The British Section of which this forms the Introduction was modified by increasing the scale of the chart on page 2 so that it occupies the whole page, and in consequence the weather forecasts have been transferred to the front page and the table of auxiliary reports to the back page. The various codes which were formerly given on pages 1 and 4 are now incorporated in this Introduction. The increased scale of the chart on page 2 makes it possible to show the observations from a selection of stations in full, the data being set out in accordance with the "station model" adopted by the International Meteorological Conference at Warsaw in September, 1935.

On pp. 1 and 4 two tables of observations taken generally at 13h. and 18h. G.M.T. of "yesterday," and at 1h. and 7h. G.M.T. of "to-day" from about 45 stations in the British Isles, which regularly report to the Meteorological Office, and of the weather in the intervening intervals. These observations are telegraphed in a figure and letter code. The stations are arranged according to Forecast Districts as described at the foot of p. 1 of the report, and also on p. 4 of this Introduction. Whenever it is possible to do so without occupying too much space, the decoded values are set out in full in the table; in other cases, code figures are entered; these are interpreted by reference first to the number printed at the head of the column, and then to the Explanation printed below, where the column numbers are shown in connexion with each of the separate classes of observation. Observations in abridged form for a further selection of stations are printed on the lower part of page 4, and can be interpreted by reference at the head of the columns and to the explanation below.

**Barometric Tendency**—(Columns 2 and 17)  
The Barometric tendency is expressed in tenths of a millibar.

**Code for wind direction (DD)**  
Abridged observations (page 4).

Code Number	Direction	Code Number	Direction
00	Calm	16	S
		17	S by W
01	N by E	18	SSW
02	NNE	19	SW by S
03	NE by N	20	SW
04	NE	21	SW by W
05	ENE by E	22	WSW
06	ENE	23	W by S
07	E by N	24	W
08	E	25	W by N
09	E by S	26	WNW
10	ESE	27	NW by W
11	SE by E	28	NW
12	SE	29	NW by N
13	SE by S	30	NNW
14	SSE	31	N by W
15	S by E	32	N

Note 33 is added to DD to denote unusual gustiness, and 67 is added if a definite squall or line squall has occurred during the preceding hour.

**Code for Height above ground of base of cloud (h)** Abridged reports (page 4).

0	...	0—150 feet
1	...	150—300 "
2	...	300—600 "
3	...	600—1,000 "
4	...	1,000—2,000 "
5	...	2,000—3,000 "
6	...	3,000—5,000 "
7	...	5,000—6,500 "
8	...	6,500—8,000 "
9	...	above 8,000 feet or no low cloud

**Code for cloud amount (N<sub>h</sub> and N)**  
Abridged reports (page 4).

0	...	0	...	7	...	More than 9 but with openings.
1	...	Trace.	8	...	10 tenths.	
2	...	1 tenth.	9	...	Sky obscured by fog, dust storm or other phenomenon.	
3	...	2, 3 tenths.				
4	...	4, 5, 6 tenths.				
5	...	7, 8 tenths.				
6	...	9 tenths.				

**Code for state of ground (E)**—Column 31.

0	...	Ground dry.	7	...	Ground covered with snow, less than 6 ins. deep but ground not frozen.
1	...	" wet.	8	...	" covered with snow, less than 6 ins. deep but ground frozen.
2	...	" flooded.	9	...	" covered with snow greater than 6 ins. deep.
3	...	" frozen hard and dry.	-	...	Fresh snow has fallen on the mountains.
4	...	" partly covered with snow or hail.			
5	...	" covered with ice or glazed frost.			
6	...	" covered with thawing snow.			

**Form of Low Cloud (C<sub>L</sub>)** — Columns 10, 25

- 0 No low cloud.
- 1 Fair weather Cu.
- 2 Large Cu without anvil.
- 3 Cb.
- 4 Sc formed by the spreading out of Cu.
- 5 Layer of St or Sc.
- 6 Ragged low clouds of bad weather (or fractonimbus).
- 7 Fair weather Cu and Sc.
- 8 Large-Cu (or Cb) and Sc.
- 9 Large-Cu (or Cb) and ragged low clouds of bad weather.

**Form of High Cloud (C<sub>H</sub>)** — Columns 11, 27

- 0 No cirriform cloud.
- 1 Fine Ci not increasing: sparse.
- 2 Fine Ci not increasing: abundant but not a continuous layer.
- 3 Anvil Ci (usually dense).
- 4 Fine Ci increasing: usually in tufts.
- 5 Ci or Cs increasing: still below 45° altitude: often in polar bands.
- 6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
- 7 Veil of Cs covering whole sky.
- 8 Cs not increasing and not covering whole sky.
- 9 Cc predominating, and a little ci. (Cc may occur with any of the types 1 to 8).

**Form of Medium Cloud (C<sub>M</sub>)** — Columns 11, 26

- 0 No medium cloud.
- 1 Typical As (thin).
- 2 Typical As (thick) (sun or moon invisible), or (Ns)
- 3 Single layer of Ac or high Sc.
- 4 Ac in isolated patches. Individually decreasing (often lenticular).
- 5 Ac in bands (increasing).
- 6 Ac formed from the spreading out of Cu.
- 7 Ac associated with As or As with parts resembling Ac.
- 8 Ac Castellatus (or Ac in ragged fragments).
- 9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.

**Cloud Form Abbreviations**

Cirrus,—Ci:	Stratocumulus,—Sc:
Cirrocumulus,—Cc:	Stratus,—St:
Cirrostratus,—Cs:	Nimbostratus,—Ns:
Altostratus,—As:	Cumulus,—Cu:
	Cumulonimbus,—Cb:

**Cloud Amount** — Columns 13, 14, 28, 29

Columns 13, 28. The figures in these columns indicate the amount of cloud at the height given in Columns 15, 30. Columns 14, 29. The figures in these columns indicate the total amount of all forms of cloud. An entry "4-6" means that the cloud amount may be 4, 5 or 6 tenths; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "q+" signifies an overcast sky with a few small openings.

**Code for Horizontal Visibility (V)**—Columns 9, 24

Objects not visible at	
0	Dense fog 55 yards
1	Thick fog 220 "
2	Fog 550 "
3	Moderate fog 1,100 "
4	Mist or haze 1½ miles
5	Poor visibility 2½ "
6	Moderate " 6½ "
7	Good " 12½ "
8	Very good " 31 "
9	Excellent " beyond 31m.

**Code for State of Sea (S)**—  
Column 32

0	Calm—glassy.	5	Rough.
1	Calm—rippled.	6	Very rough.
2	Smooth.	7	High.
3	Slight.	8	Very high.
4	Moderate.	9	Phenomenal.

**Rainfall**—Columns 36, 37

Tr = rain has fallen, but amount less than 0.1 m.m.

**Beaufort Notation and Symbols for Weather**—  
Columns 5, 20, 39, 40, 41, 42.

b, blue sky (not more than a quarter covered with cloud).	q, squalls.	r, rain.	s, snow.
bc, sky partly cloudy (one half covered).	c, generally cloudy.	rs, sleet.	t, thunder.
d, drizzle.	e, wet air.	u, ugly, threatening sky.	v, unusual visibility.
f, fog, visibility 220-1100 yds.	g, gloom.	w, dew.	x, hoar frost.
F, thick fog " less than 220 yds.	h, hail.	y, dry air.	z, dust haze: the turbid atmosphere of dry weather.
fs, low fog over sea (coast station).	h(r), " hail " or " rain and hail."		
fg, low fog over land (inland station).	Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r <sub>o</sub> , slight rain.		
m, mist, visibility 1100-2200 yds.	rr, continuous rain.		
h, hail.	i, intermittent.		
jf, fog at a distance, but not at station.	ks, storm of drifting snow.		
jp, precipitation within sight of station.	k/s <sub>o</sub> , slight storm of drifting snow (generally low).		
ks, storm of drifting snow.	k/S, heavy storm of drifting snow (generally low).		
k/s <sub>o</sub> , slight storm of drifting snow (generally high).	s <sub>o</sub> /k, slight storm of drifting snow (generally high).		
S/k, heavy storm of drifting snow (generally high).	KQ, line squall.		
o, overcast sky.	l, lightning.		
	p, passing showers		

Explanations of the symbols used for cloud forms in the chart on p. 2 will be found in Form 2459, "Instructions for the Preparation of Weather Maps." H.M. Stationery Office. Price 1/- net.

## THE BEAUFORT SCALE OF WIND FORCE [F] Columns 4, 19

Beaufort Number.	Admiral Beaufort's General Description of Wind.	Specification for use on Land, based on observations made at British Land Stations.	Limits of Mean Velocities Statute Miles per Hour as recorded by well exposed anemometers about 30 to 40 feet above ground.
0	Calm ...	Calm; smoke rising vertically...	Less than 1
1	Light air ...	Direction of wind shown by smoke drift ...	1-3
2	Slight breeze ...	Wind felt on face; leaves rustle ...	4-7
3	Gentle breeze...	Leaves and small twigs in constant motion; wind extends light flag ...	8-12
4	Moderate breeze	Raises dust and loose paper; small branches are moved ...	13-18
5	Fresh breeze ...	Small trees in leaf begin to sway; crested wavelets on inland waters...	19-24
6	Strong breeze...	Large branches in motion; whistling heard in telegraph wires	25-31
7	Moderate gale...	Whole trees in motion; inconvenience felt when walking against wind ...	32-38
8	Fresh gale ...	Breaks twigs off trees; generally impedes progress...	39-46
9	Strong gale ...	Slight structural damage occurs (chimney pots and slates removed) ...	47-54
10	Whole gale ...	Seldom experienced inland; trees uprooted...	55-63
11	Storm ...	Very rarely experienced; accompanied by widespread damage	64-75
12	Hurricane ...	...	Above 75

## GALE WARNINGS\*

The Meteorological Office issues warnings to ports and fishing stations of gales on or near the coasts of the British Isles. When one of these notices has been received at a station a black canvas cone is hoisted. The signals remain hoisted after the receipt of a warning telegram until danger of a gale is passed.

The *North Cone* (point upwards) is hoisted for gales commencing from a Northerly point.

For gales commencing from East or West the North Cone will be hoisted if the gale is expected to change to a Northerly direction.

The *South Cone* (point downwards) is hoisted for gales commencing from a Southerly point. Such gales often veer, sometimes as far as Northwest.

For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

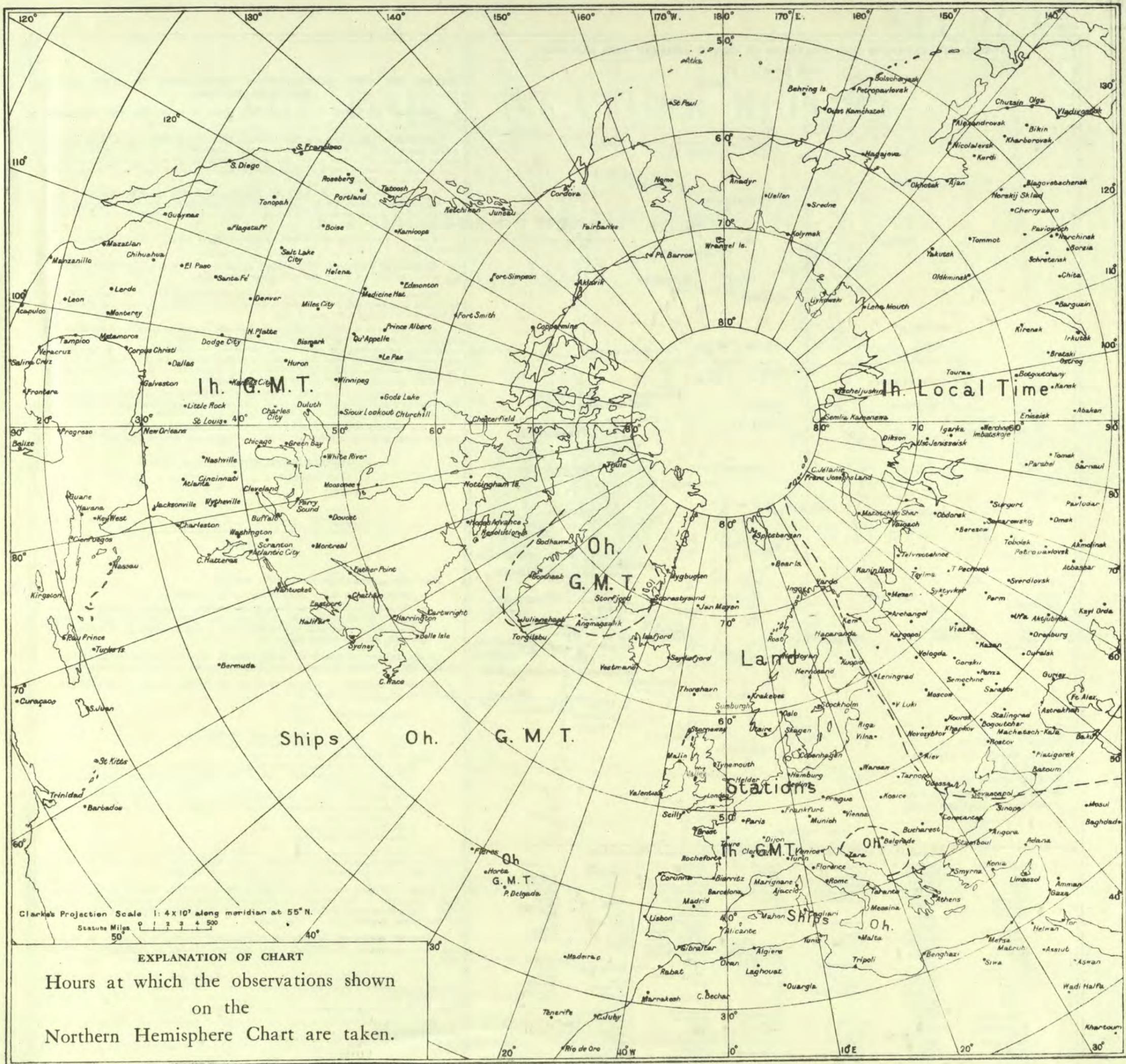
The districts to which warnings are sent are shown in the Report by the following symbols written on page 1 against the forecast districts to which they apply:—

▲ North Cone hoisted:

▼ South Cone hoisted:

The time or times of issue of the gale warning telegrams is shown below the "further outlook" on page 1 of the Report.

\*Note—The public issue of Gale Warnings is suspended for the duration of war.



EXPLANATION OF CHART

Hours at which the observations shown on the Northern Hemisphere Chart are taken.



Stations printed on pp. 1 and 4 are shown in capitals—**LERWICK**. Stations whose abridged observations are given on p. 4 are shown thus:—115 Cape Wrath.

**FORECAST DISTRICTS and the Counties comprised within them**

1. <i>England, S.E.</i> Kent. Sussex. Surrey. Hampshire. Berkshire. Wiltshire.	4. <i>Midlands, W.</i> Gloucester. Hereford. Worcester. Shropshire. Stafford.	8. <i>England, N.W.</i> Cheshire. Lancashire. Westmorland. Cumberland.	11. <i>Scotland, S.E. (cont.)</i> Linlithgow. Clackmannan. Kinross. Fife. Forfar.	13a. <i>Scotland, N.W. and Isle of Man.</i> Dumfries. Kirkcubright. Wigtown. Ayr. Lanark. Renfrew. Dumbarton. Stirling.	16. <i>Orkneys and Shetlands.</i> Hebrides. Western parts of Inverness, Ross and Cromarty, Sutherland. (Boundary line runs from Rannoch Station through Port Augustus, Beaulieu and Lairg to Melvich.)	19. <i>Ireland, S.E.</i> Waterford. Wexford. Kilkenny. Carlow. Wicklow. Offaly. Leix. Kildare. Dublin.
2. <i>England, E.</i> Essex. Middlesex. Hertford. Bedford. Huntingdon. Cambridge. Suffolk. Norfolk. Lincoln.	5. <i>England, S.W.</i> Dorset. Somerset. Monmouth. Devon. Cornwall.	9. <i>Midlands, N.</i> Derby. Yorkshire, W.	12. <i>Scotland, S.W.</i> Isle of Man. Dumfries. Kirkcubright. Wigtown. Ayr. Lanark. Renfrew. Dumbarton. Stirling.	14. <i>Mid Scotland.</i> Perth.	18. <i>Ireland, N.E.</i> Meath. West Meath. Longford. Cavan. Fermanagh. Monaghan. Louth. Armagh. Down. Antrim. Londonderry. Tyrone. Donegal.	20. <i>Ireland, S.W.</i> Cork. Kerry. Limerick. Tipperary. Clare.
3. <i>Midlands, E.</i> Buckingham. Oxford. Northampton. Warwick. Leicester. Rutland. Nottingham.	7. <i>Wales, N.</i> Montgomery. Merioneth. Flint. Denbigh. Carnarvon. Anglesey.	10. <i>England, N.E.</i> Yorkshire, N. & E. Durham. Northumberland.	15. <i>Scotland, N.E.</i> Kincardine. Aberdeen. Banff. Elgin. Nairn. Caithness. Eastern parts of Inverness, Ross, Sutherland.	17. <i>Ireland, N.W.</i> Galway. Roscommon. Mayo. Sligo. Leitrim.	13b. <i>Scotland, N.W.</i> Hebrides. Western parts of Inverness, Ross and Cromarty, Sutherland. (Boundary line runs from Rannoch Station through Port Augustus, Beaulieu and Lairg to Melvich.)	

**NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT**

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

**Stations.**—*Kew.*—Temperature readings at Kew are taken in a large louvered screen placed against the north wall of the observatory. The thermometer bulbs are at a height of 10 feet above the ground immediately surrounding the building. This ground is raised a few feet above the general level of the Old Deer Park in which the observatory stands.

*London Observations.*—As from 1st January, 1934, the rainfall measurements at all the London stations where rain gauges are maintained, refer to two periods, day and night. The day period at Kew and Croydon is 7h. to 18h. G.M.T.; at all other stations it is 9h. to 18h. G.M.T.

*Point of Ayre.*—The first observations are made at 0030 G.M.T. instead of at 0100 G.M.T.

**Heights of Stations.**—The heights of British Stations above M.S.L. refer to the plot of ground on which the rain gauge is situated.

**Pressure.**—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on page 2 of the Report and for intervals of 4 millibars on Page 3.

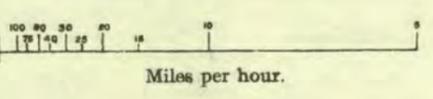
The wind at a height of 1,500–2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1,015 mb.; if, however, the isobars are ½ inch apart the corresponding speed is 24 m.p.h.

The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

If the distance between consecutive isobars is measured along the scale from the left-hand extremity the geostrophic wind is shown by the scale in miles per hour.

**GEOSTROPHIC WIND SCALE FOR**

8 mb isobars on 1 : 4 × 10<sup>7</sup> Charts.  
or 2 mb „ „ 1 : 10<sup>7</sup> „



This scale applies under the following conditions:—

Pressure, 1,015 mb. Temperature, 50° F. Latitude, 55°.

**Corrections.**—For an increase of 10 mb pressure, subtract 1% from velocity; for an increase of 10° F. add 2%. From Latitude 55° to Latitude 65° subtract 1% for each degree above 55°. From Latitude 55° to Latitude 45° add 1½% for each degree below 55°.

**Temperature.**—Temperature is specified in degrees Fahrenheit, and is shown on the charts by means of figures written alongside the positions of the stations.

**Relative Humidity.**—Relative Humidity at British stations is calculated from the following hygrometric formula:—

$$\text{Relative humidity} = \frac{100x}{F}$$

$$x = f - .444(t - t')$$

for wet bulb readings above 32° F.

$$x = f - .400(t - t')$$

for wet bulb readings below 32° F.

where *x* is the vapour pressure in mb.  
*F* the saturation vapour pressure at the temperature of the dry bulb;  
For air temperatures below 32° F. the value of *F* used is that appropriate to an ice surface.  
*f* the saturation vapour pressure at the temperature of the wet bulb;  
For wet bulb temperatures below 32° F. the value of *f* used is that appropriate to an ice surface.  
*t* the dry bulb temperature; and  
*t'* the wet bulb temperature.

The entries in columns 7 and 22 are limited to 10, 25, 35, etc., to 85, 92 and 97. Entry 10 indicates that relative humidity is from 0 to 19; 25, between 20 and 29; .....and so on; 92, from 90 to 94; 97 between 95 and 100.

**Wind.**—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. Each feather denotes two steps on the Beaufort Scale; thus force 5 is indicated by two whole feathers and one half feather.

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

*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 3s. 2d. post free.

Corrections and additions can be obtained, if required, on application to the Meteorological Office.

AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON

# SECRET

MONTHLY  
SUPPLEMENT,

Page 1.

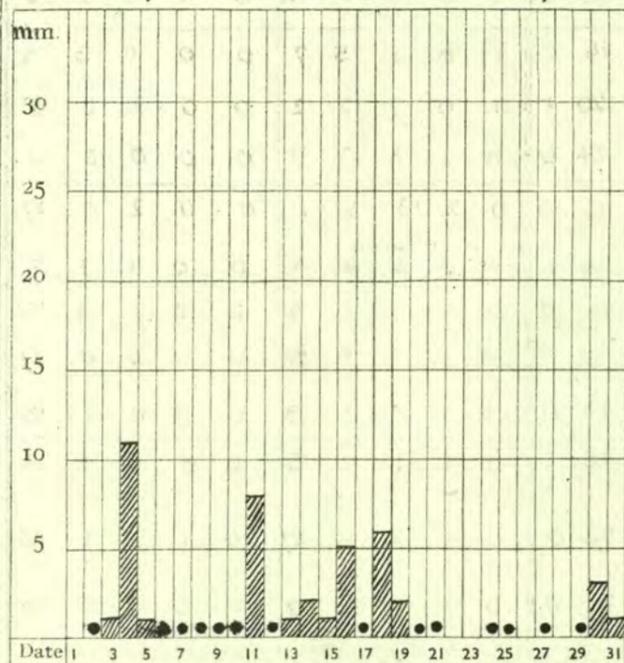
March 1942. No. 303.

Generally Dull, Cold at First, Becoming Milder.

March opened cold with easterly winds over most of the country and some slight wintry precipitation in the East. On the 2nd, milder air spread into Ireland, where there were some heavy falls of rain (23mm at Valentia); over most of the British Isles strong winds from between east and south prevailed. The anticyclone to northeast of the country spread back on the 4th & 5th and a very cold Siberian easterly air current became established over the entire British Isles and day maxima were very low, especially in the Southeast and in Scotland; local snow occurred in the Southeast at the end of this first week. On the 8th however, the easterly current was cut off by a depression which developed over the Northwest Approaches, and temperature rose to average levels. Weather during this second week was rather unsettled with local fog and drizzle; but at the end of the week with pressure high to eastward and low on the Atlantic, mild humid air from low latitudes spread up from South and covered the country by the 15th, accompanied by occasional rain and bright intervals. These conditions persisted for some days but colder air with east winds spread back into Scotland on the 18th and subsequently extended southwards; the easterly current persisted for several days, as the situation was dominated by the high pressure ridge to north of the country: this moved very slowly south. By the evening of the 23rd, the anticyclone covered the country and the next two days were fine generally, with temperature rising to its peak for the month. A depression from north of Iceland moving east-southeast on the 24th caused the collapse of the British anticyclone and conditions became much cooler, though still mainly fair. At the end of the month a complex Atlantic depression had extended its influence over the country, and occasional rain with milder conditions was general on the 31st.

The outstanding feature of this month was the deficiency of sunshine, which was much below average everywhere. The first three weeks were exceptionally dull, only 26.3 hours being reported during this period at Ross-on-Wye. The total of 50 hours for the month at Sealand was the lowest since records commenced there, being less than half that of a normal March. March thus continued a sequence of dull months and the total sun for the first three months of 1942 is the lowest recorded for many years over a large part of England; Kew Observatory has only had 136 hours in the three months, about 55% of normal. Precipitation was variable, being in excess in Ireland and most of England, but the month was generally drier than normal in Scotland. A marked persistence of easterly winds was notable over most of the country, but there were comparatively few gales. Temperature was rather above average in Ireland, but below it over most of Great Britain.

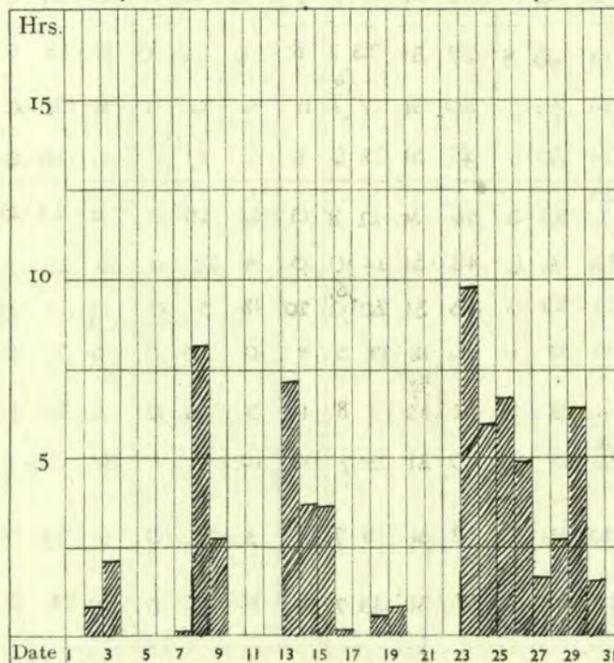
Daily Rainfall at KEW Observatory.



● = less than 0.5 mm.

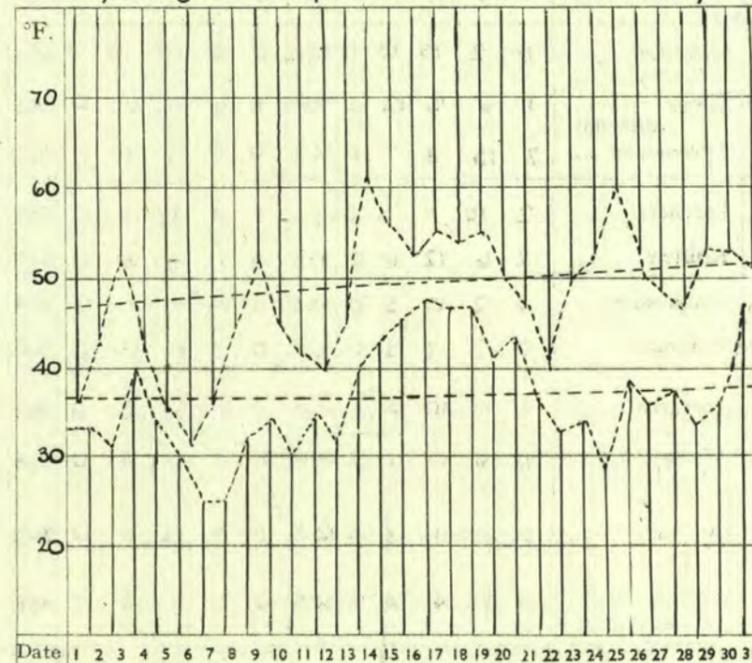
RAINFALL. Total for Month. 42 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 69 hrs.

Daily Range of Temperature at KEW Observatory.



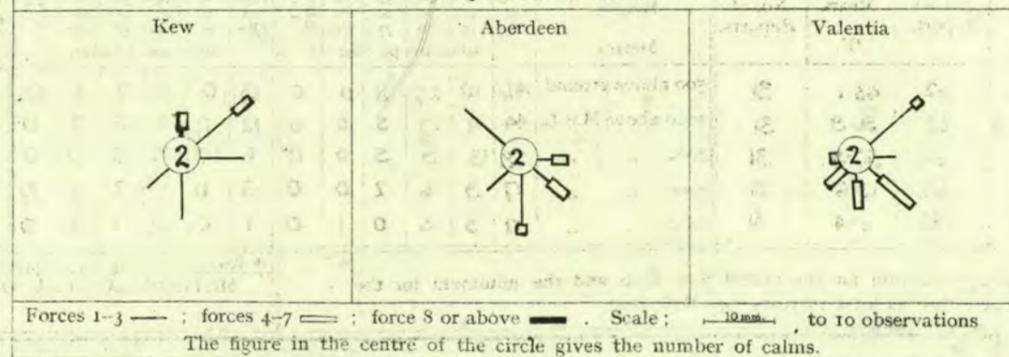
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb 1013.6	mb. +0.2	F. 47.5	°F. -1.4
Aberdeen	1014.1	+48	38.7	-2.6
Valentia	1008.0	-4.7	48.1	+1.8

\* Pressure—The mean is for the 24 hours. It is derived from values at 7 h. and 18 h. duly corrected.  
Temperature—mean of Max. and Min.

WIND FREQUENCIES at 7 hr.



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

	miles
Kew	6554
Aberdeen	7842
Lerwick	15736
Valentia	

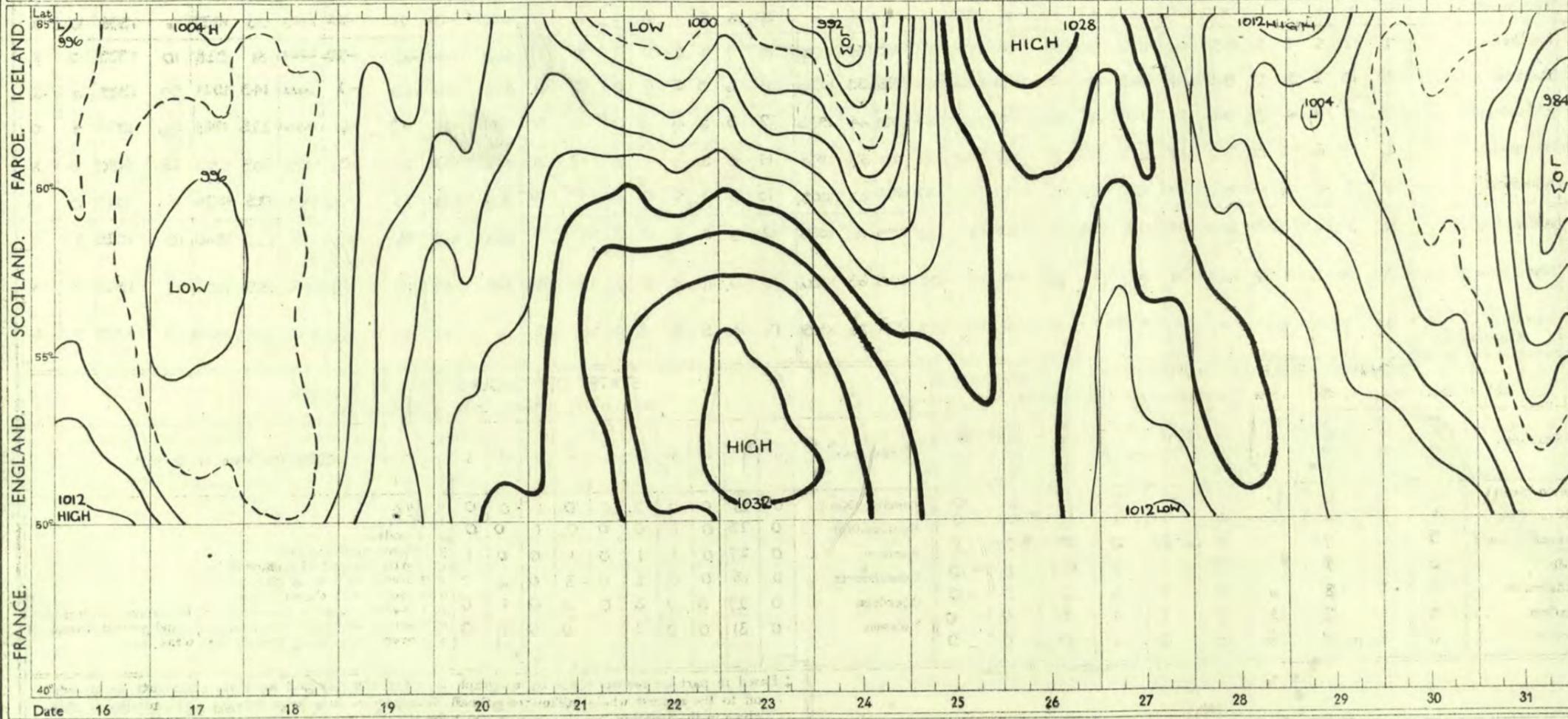
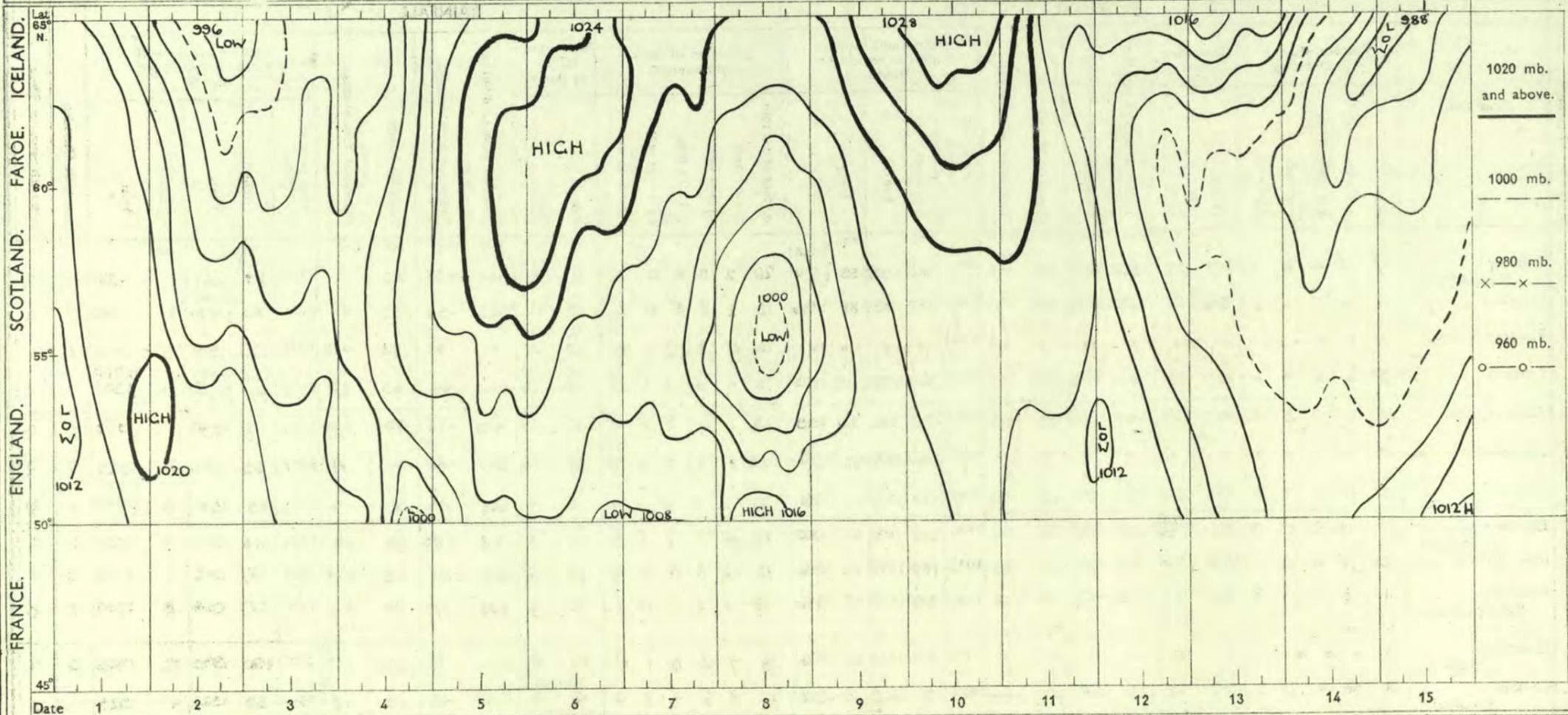




PRESSURE: ICELAND TO GULF OF LIONS

March 1942.

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 1h, 7h, 13h, 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. 60° N., Long. 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.

# SECRET

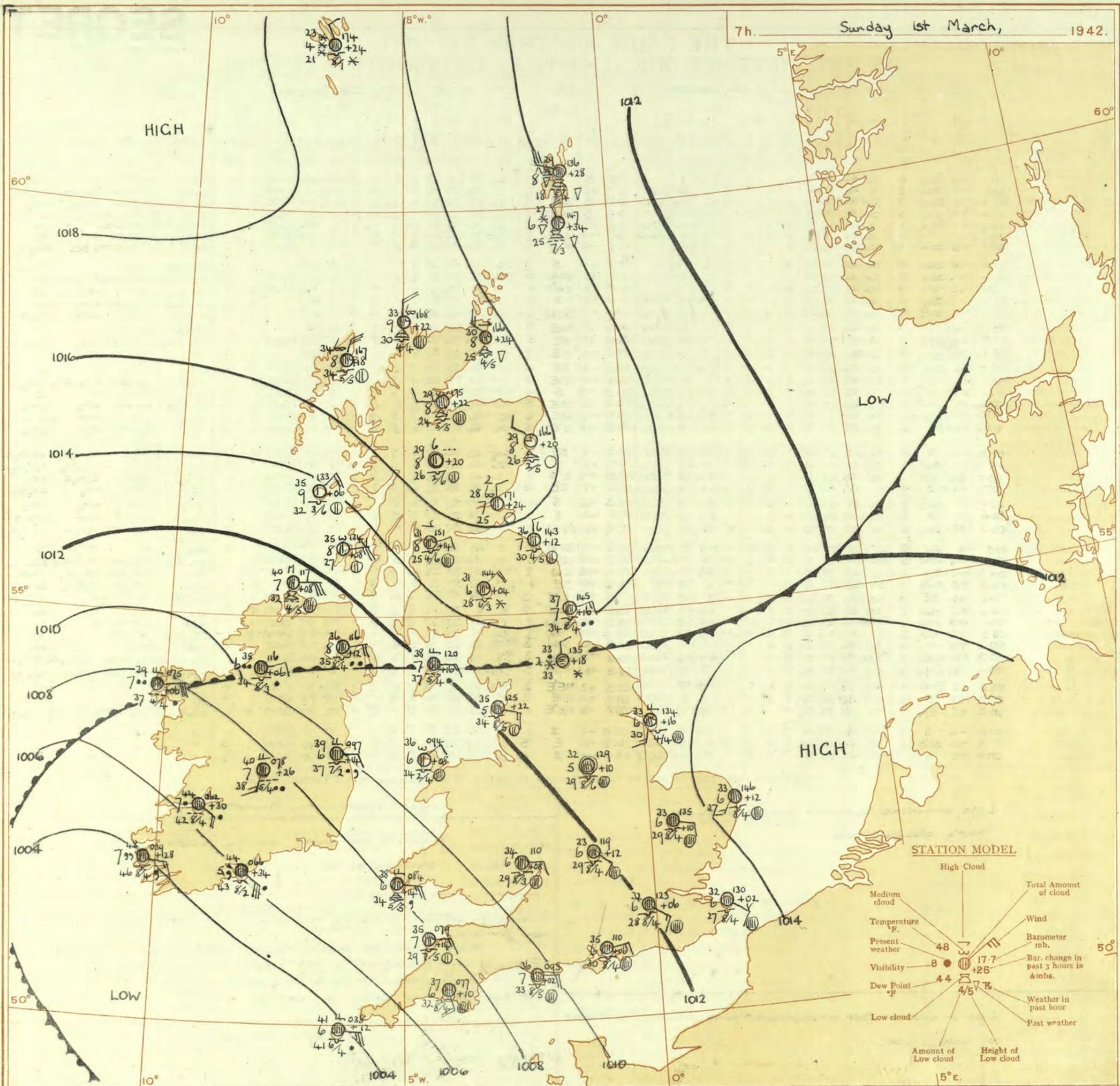
Sunday 1st March 1942

No. 29319

Page 1

BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

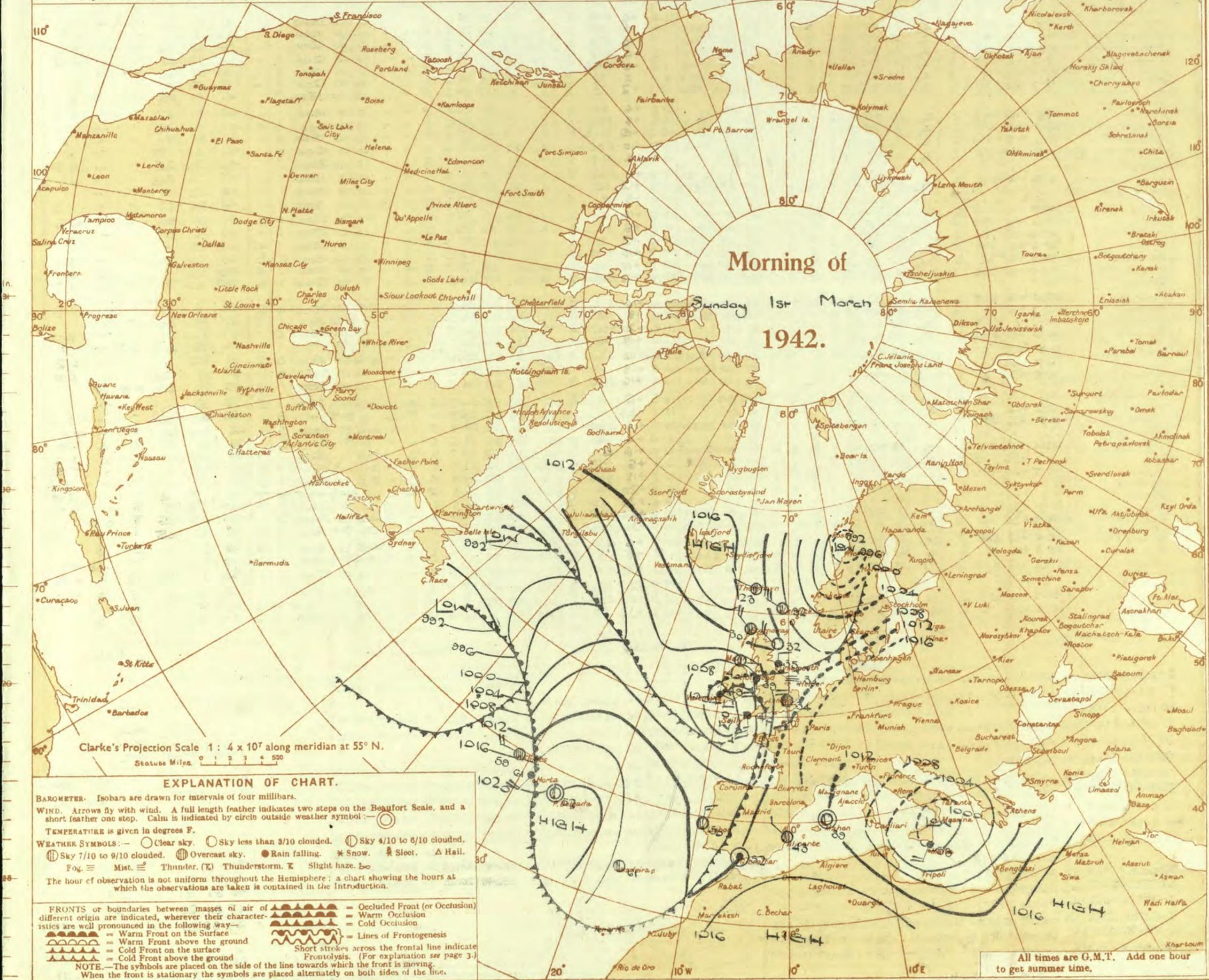
OBSERVATIONS at 13h. G.M.T. 28th February															OBSERVATIONS at 18h. G.M.T. 28th February															PAST 24 HOURS.								
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours (2)	Wind.		Weather.	Temp. °F. (6)	° Humid. (7)	Dew Point. °F. (8)	Visibility. (9)	Cloud.				Barom. at M.S.L. (16)	Change in 8 hours (17)	Wind.		Weather.	Temp. °F. (21)	° Humid. (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud.				Barom. at M.S.L. (31)	State of Ground. (32)	Sea (33)	WEATHER.							
				Dirac.	Force. 0-12 (4)						Form.	Amount. 0-10 (13)	Height of Base (feet) (15)	Dirac.			Force. 0-12 (19)	Form.						Amount. 0-10 (28)	Height of Base (feet) (30)	7h.-13h. 28th (39)	13h.-18h. 28th (40)				18h. 28th to 1h. 1st (41)	1h.-7h. 1st (42)						
																																	Low.	Med.	High.	Low.	Med.	High.
1	London (Kew)	11.4	-6	SSW	4	Zo	42	65	32	6	-	6	0	9	-	11.3	+8	S	3	Zo	35	75	28	6	5	-	-	46	46	2500	1	*	czo	cybczo	bccmo	cm		
	Croydon	11.9	-8	SSW	3	Zo	46	85	41	7	5	-	2	1	10	800	11.7	+2	S	3	C	34	75	28	6	5	4	-	7.8	10	2000	1	*	cmc	CzoYczo	czcmo	czcmo	
	S. Farnborough	11.9	-4	SSW	3	Zo	45	55	32	6	5	-	4	1	46	1600	10.8	0	SSE	3	Zo	35	75	29	7	5	2	-	7.8	7.8	2000	1	*	bcc, bcz	bcyczo	czcmo	cmo	
	Boscombe Down	11.4	-8	SW	3	Zo	42	75	35	6	1	7	-	2.3	7.8	2000	10.4	0	SW	4	Zo	35	75	29	7	5	-	10	10	1800	0	*	cmo	cmcb, cmo	cmo	cmo		
	Thorney Island	12.6	-2	SSW	5	Zo	41	75	35	6	2	-	2	2.3	4.6	1500	11.3	-2	SSE	3	Zo	36	85	31	6	5	-	10	10	1500	0	*	cmcbcm	bcmo	cmo	cmo		
	Lymington	14.5	-6	S	3	Zo	38	75	30	6	5	-	9	9	9	1500	13.7	-2	SSE	2	Zo	33	85	28	6	5	-	9	9	1500	1	3	bccmo	Czom	cmo	cmo		
	Manston	13.3	-6	SSW	4	Zo	39	75	30	6	5	-	6	0	9	-	12.6	+2	SW	3	Zo	33	85	28	6	5	7	-	Tr	1	1500	1	*	bcczo	cbcczom	ba	cmo	
2	Shoeburyness	12.9	-4	SSW	4	C	42	75	33	6	-	-	2	0	7.8	-	12.7	+4	S	3	bc	35	85	30	5	-	-	2	0	2.3	-	1	*	bcmcmo	cmo	cmo	cmo	
	Felixstowe	12.6	-4	SSW	4	Zo	41	75	33	6	-	-	6	0	4.6	-	12.3	+2	SSW	4	Zo	35	85	31	6	5	-	2.3	2.3	2500	1	3	bcmobcm	bcmo, bmo	cmo, wmo	cmo		
	Gorleston	11.8	+2	SW	4	Zo	41	75	35	6	-	7	8	0	7.8	-	12.0	+2	SW	3	Zo	41	75	32	6	5	4	-	1	4.6	2200	0	3	bcczo	cbcz	bzo	czzo	
	Mildenhall	11.3	-2	SSW	4	Zo	44	75	35	5	5	-	6	4.6	4.6	1500	10.4	+2	S	3	Zo	39	75	32	6	5	-	7	8	0	4.6	-	0	*	cmobcz	bczo	bcmo	cmo
	Cranwell	09.1	+6	SSW	4	Zo	43	85	38	6	5	7	-	4.6	10	3500	08.9	+2	SSW	2	Zo	37	85	34	6	-	4	8	0	2.3	-	1	*	bccmo	cbcmo	bccmo	cmo	
3	Birmingham	08.7	0	S	3	C	44	75	37	7	5	7	-	9	10	1500	08.6	0	SSE	2	C	41	55	26	7	-	-	8	0	9	-	1	*	cbcc	a	cmo	co	
	Upper Heyford	10.0	-8	SSW	4	Zo	43	75	36	6	5	-	6	7.8	7.8	1800	09.3	0	SE	3	Zo	38	75	29	6	5	5	6	Tr	7.8	4000	0	*	cmoccmo	Czbcyzo	cmo	cmo	
4	Ross-on-Wye	08.7	-4	SSW	4	C	46	65	36	6	5	-	7	9	9	2500	08.3	-4	SE	3	C	40	65	27	6	-	-	2	0	7.8	-	1	*	c	cy	c	c	
5	Hartland Point	07.0	-6	SSE	4	C	46	55	32	7	2	4	9	4.6	7.8	1500	05.0	-8	SE	4	C	40	75	34	7	5	6	-	7.8	9	1000	0	4	cro	erc	c	c	
	Bristol	10.1	-2	S	3	C	48	55	33	7	2	9	9	Tr	9	2500	09.8	+6	SSE	3	Zo	38	75	30	6	5	-	10	10	2500	0	*	cmobcy	cycmo	cmo, cmo	cmo		
	Portland Bill	11.6	-4	S	4	C	41	85	36	7	2	-	-	7.8	7.8	4000	09.3	-4	S	4	0	39	92	36	7	5	-	10	10	2500	1	4	c	co	o	o		
	Plymouth	09.3	-6	SSW	6	bc	44	75	35	7	5	-	-	4.6	4.6	2500	06.3	-12	SSE	5	Zo	42	85	36	6	5	-	10	10	1500	0	3	cmobcr	cmo	cmo	cmo		
	The Lizard	07.0	-12	SSE	6	bc	45	75	38	8	8	6	-	4.6	4.6	2500	04.0	-16	SSE	6	C	45	75	35	7	8	2	-	9	10	1500	1	5	cbc	c	orr	rco	
	Scilly (St. Mary's)	03.6	-22	S	6	C	47	75	39	7	8	7	2	4.6	9	1500	00.5	-14	SE	5	ir	46	85	43	6	5	2	-	7.8	10	1200	0	4	c	cpoir	cro	cro	
6	Pembroke	06.3	-12	S	5	C	45	92	42	7	2	-	-	4.6	7.8	2500	04.2	-4	SE	6	cq	42	85	38	6	7	1	-	4.6	10	2500	0	5	cmo	cmo	cmo	cmo	
	Holyhead	05.0	+2	SW	5	0	45	92	42	7	5	-	-	10	10	2500	05.2	+6	S	3	Zo	43	85	40	6	8	7	8	Tr	9	3000	1	3	roc	c	cmo, cmo	cmo, cmo	
7	Chester (Sealand)	07.4	+10	SE	2	C	48	65	36	6	5	2	-	4.6	10	2000	07.0	+4	ES	1	Zo	42	85	36	5	5	7	7	2.3	10	4000	1	*	ir, mc	Czair	Zom	cmo	
8	Manchester	07.5	+4	S	4	C	43	85	40	7	5	7	-	4.6	10	3000	07.6	+2	SE	3	Zo	41	85	36	6	5	7	-	7.8	10	4500	1	*	ir	cmo	cmo	cmo	
10	Spurn Head	07.9	0	SW	5	Zo	41	85	37	6	5	1	-	4.6	10	1500	08.5	+6	S	4	Zo	39	92	36	6	5	1	-	4.6	10	1500	0	3	cmo	cmo	cmo	cmo	
	Catterick	06.6	0	S	2	ir	39	92	37	6	5	-	-	4.6	10	1800	07.4	+8	S	1	CF+	38	92	27	3	5	2	-	9	10	1500	1	*	cmocir	cmof	orr	org, orf	
	Tynemouth	06.2	+4	SW	3	m	39	85	33	4	5	-	-	9	9	1800	07.4	+6	SSW	2	ir	38	92	35	4	-	2	-	10	10	1500	1	2	bm	coir	orr	org, orf	
11	St. Abbs Head	02.5	+4	SW	5	C	38	85	34	8	5	4	-	7.8	9	2500	05.5	+20	SSW	4	C	35	85	31	8	5	4	-	9	9	2500	1	3	bc	c	air	c	
	Leuchars	02.3	+14	WSW	3	bc	38	75	31	7	5	7	4	Tr	2.3	4000	05.0	+18	WSW	2	Zo	36	92	33	6	5	4	-	7.8	7.8	3500	1	*	bmo, bcc	bccmo	cbcmo	b, cmo	
12	Reitrew (Abbots I.)	04.3	+12	SW	2	C	42	75	33	8	9	7	-	7.8	9	1500	06.4	+18	SW	2	CF	37	92	35	6	5	1	1	4.6	9	1400	1	*	bcc	cmo, m	cmo	cmo	
	Eskdalemuir	06.3	+10	SW	3	ss	33	92	32	4	-	2	-	10	10	100	06.8	+10	SE	1	so	32	97	31	4	-	2	-	10	10	100	9	*	cos	OS, So	OS, So	So, So	
	Point of Ayre	05.6	+4	SE	3	refo	36	92	33	8	2	-	-	9	10	1000	05.5	+4	EN	3	so	38	92	35	7	6	2	-	2.3	10	800	1	2	refo	refo	refo	refo	
13A	Tiree	03.6	+12	NW	2	bc	44	85	39	8	8	-	-	4.6	4.6	2500	06.6	+20	NNE	2	bc	41	85	33	8	8	3	-	2.3	2.3	2800	0	3	bc	bc	bc	bc	
13B	Stornoway	00.4	+18	NW	6	bc	40	85	35	8	3	6	-	4.6	7.8	2500	06.9	+26	NNW	5	C	34	92	30	8	5	7	-	7.8	9	2500	1	2	bc	bc	bc	bc	
15	Dalwhinnie	02.0	+18	SW	3	C	34	85	28	8	4	-	-	4.6	7.8	2500	05.8	+28	NW	2	bc	33	75	18	8	8	-	-	4.6	4.6	2500	8	*	bc	bc	bc	bc	
	Aberdeen	00.2	+20	W	3	C	44	55	29	8	5	-	-	1	1	3000	04.9	+40	NW	3	bc	35	65	28	7	8	-	-	2.3	2.3	2400	1	2	bc	bc	bc	bc	
	Wick	95.9	+26	WSW	5	bc	42	65	33	9	2	-	-	4.6	4.6	2500	03.4	+54	UNW	3	bc	36	85	35	8	3	6	-	4.6	4.6	2500	1	*	ph, r, bc	bccp, bc	bep, p, bc	bc, p, c	
16	Sumburgh	89.1	+38	NNW	6	pr																																



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown below.)  
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.  
**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.  
**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.  
**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.  
**Frontolysis** is said to occur when a front is in process of dissolution.



Morning of  
 Sunday 1st March  
 1942.

Clarke's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
 Statute Miles 0 1 2 3 4 500

### EXPLANATION OF CHART.

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol: —○—  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS:** —○— Clear sky. ○ Sky less than 3/10 clouded. ⊕ Sky 4/10 to 6/10 clouded. ⊕ Sky 7/10 to 9/10 clouded. ⊕ Overcast sky. ● Rain falling. \* Snow. † Sleet. △ Hail. Fog. ≡ Mist. ≡ Thunder. (⊕) Thunderstorm. ⊕ Slight haze. ∞  
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.  
**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. (For explanation see page 3.)  
**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.

All times are G.M.T. Add one hour to get summer time.



**SECRET**

Monday, 2nd March 1942

Page 1

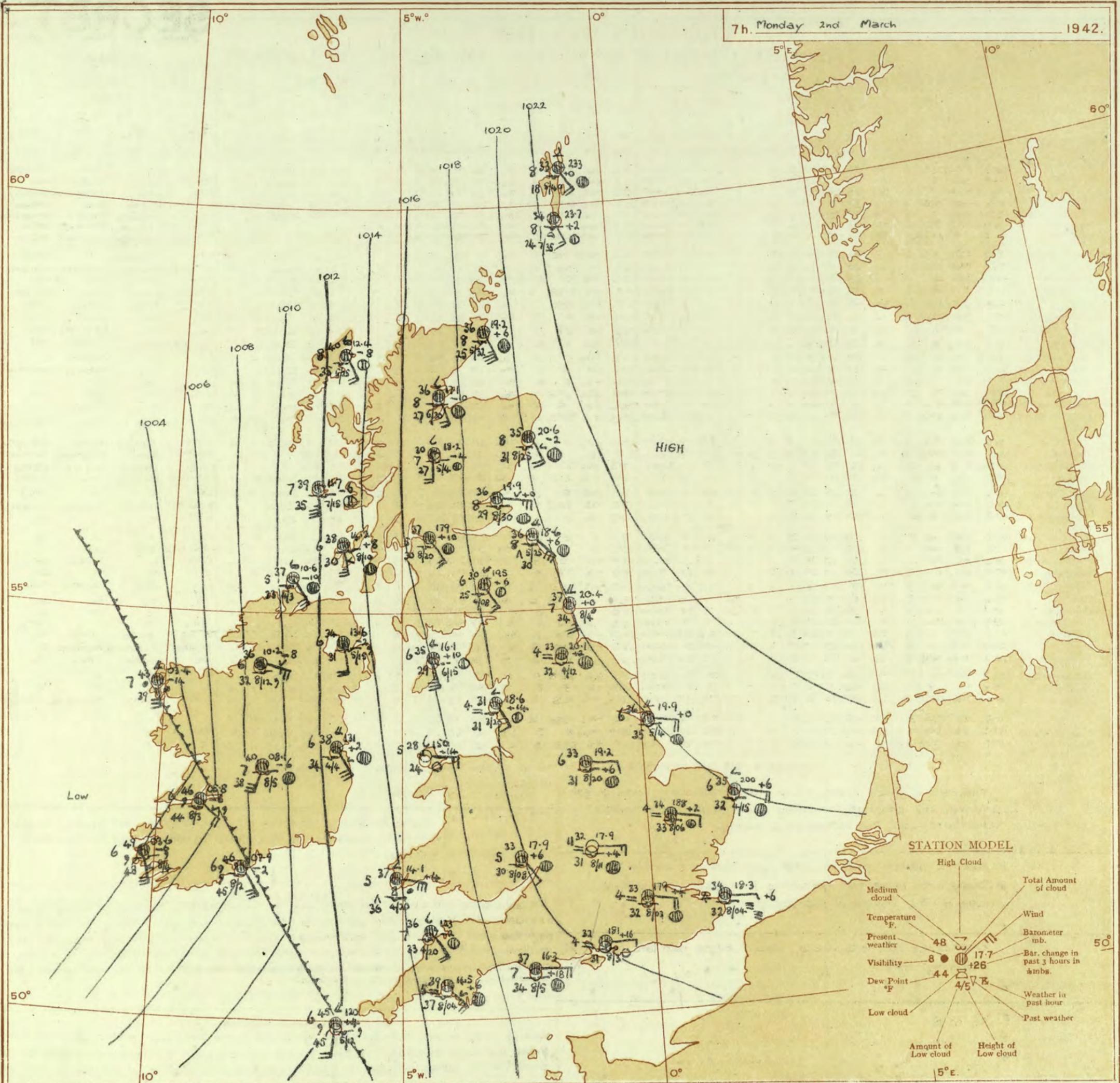
**BRITISH SECTION****THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.**

No. 2930

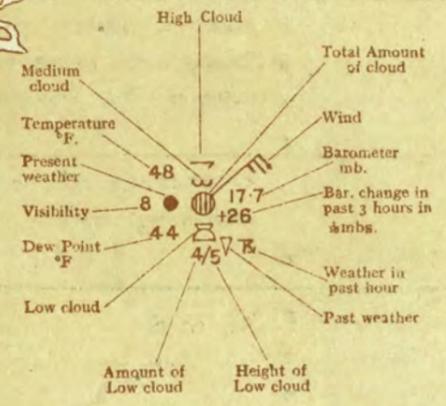
OBSERVATIONS at 13h. G.M.T. 1st. March															OBSERVATIONS at 18h. G.M.T. 1st. March															PAST 24 HOURS.								
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Dew Point. °F. (8)	Visibility. 0-9 (9)	Cloud.			Barom. at M.S.L. mb. (16)	Change in 8 hours (17)	Wind.		Weather.	Temp. °F. (21)	Humid. % (22)	Dew Point. °F. (23)	Visibility. 0-9 (24)	Cloud.			Barom. at M.S.L. mb. (31)	State of ground. 0-9 (32)	Sea. 0-9 (33)	WEATHER.									
				Dirac. (3)	Force. (4)						Form. (10)	Amount. (11)	Height of Base (feet) (15)			Form. (25)	Amount. (26)						Height of Base (feet) (30)	7h.-13h. (39)	13h.-18h. (40)				18h. 1st. (41)	1h.-7h. 2nd. (42)								
																															Low. (12)	Med. (13)	High. (14)	Low. (27)	Med. (28)	High. (29)		
1	London (Kew)	14.6	+8	ESE	3	z	36	65	25	5	-	10	10	4000	15.6	+10	ENE	3	z	36	75	28	5	5	-	10	10	2500	1	*	C	C	Cm	Cm	Cm	Cm		
	Croydon	14.4	+6	E	2	z	35	75	27	6	5	-	10	10	1500	15.3	+10	ENE	3	z	35	75	28	5	5	-	10	10	2000	1	*	Cm	Cz	Cz	Cm	Cm		
	S. Farnborough	14.2	+10	E	3	z	35	75	27	6	5	-	10	10	1600	15.2	+18	ENE	3	z	34	75	27	5	7	-	10	10	3000	1	*	bz	bz	Cz	Cm	Cm	Cm	
	Boscombe Down	14.0	+12	E'S	4	C	34	75	28	7	5	-	10	10	1500	15.1	+10	NE'E	3	z	33	75	26	6	-	-	0	0	0	0	0	*	C	C	Cm	Cm	Cm	Cm
	Thorney Island	13.3	+10	E	4	z	37	75	30	6	5	-	10	10	1500	13.7	+4	E'N	2	z	37	75	30	6	5	-	11	11	2500	0	*	Cm	Cm	Cm	Cm	Cm	Cm	
	Lynapne	14.9	+2	E'S	3	C	37	75	28	6	5	-	7.8	7.8	2200	16.0	+10	ENE	3	m	34	97	32	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Manston	14.7	+4	SE'E	2	z	37	75	29	6	5	-	9+	9+	2100	15.7	+10	ENE	3	z	34	82	31	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
2	Shoeburyness	15.3	+8	E'S	3	C	36	75	28	6	5	-	10	10	1800	16.2	+10	NE	3	z	31	92	29	5	-	-	0	0	0	0	0	0	0	0	0	0	0	
	Felixstowe	15.7	+6	ENE	1	z	35	75	29	6	5	-	10	10	2200	16.3	+2	NE	2	z	35	85	31	6	5	1	7.8	9	2000	1	2	Cm	Cm	Cm	Cm	Cm	Cm	Cm
	Gorleston	16.6	+8	SE	2	C	34	85	30	7	5	-	10	10	1400	18.0	+12	E	2	z	35	85	29	6	6	-	10	10	1200	0	2	Cm	Cm	Cm	Cm	Cm	Cm	Cm
	Mildenhall	15.8	+14	ESE	3	z	35	85	30	6	5	-	10	10	1800	17.2	+4	ENE	2	z	34	92	33	6	5	-	10	10	1500	0	*	Cm	Cm	Cm	Cm	Cm	Cm	Cm
	Cranwell	16.0	+14	ESE	3	z	32	92	30	6	5	-	10	10	1800	17.7	+10	ENE	2	z	33	85	29	6	5	-	10	10	1500	1	*	Is	Cm	Cm	Cm	Cm	Cm	Cm
3	Birmingham	15.1	+14	ESE	3	z	32	85	28	5	5	-	10	10	800	16.6	+8	E	3	z	31	85	27	5	5	-	10	10	1500	1	*	Oz	Oz	Oz	Oz	Oz	Oz	
	Upper Heyford	14.5	+12	E	3	z	32	85	27	6	5	-	10	10	1500	15.9	+4	E'N	3	z	32	85	27	6	5	-	10	10	1800	3	*	Cm	Cm	Cm	Cm	Cm	Cm	
4	Ross-on-Wye	14.0	+12	E	3	z	35	75	28	6	5	-	10	10	1800	15.4	+14	E	3	z	33	75	26	6	5	-	10	10	800	1	*	Co	Cz	Oz	Oz	Oz	Oz	
5	Hartland Point	03.0	-2	E	4	C	39	75	31	7	5	6	7.8	9+	1500	11.3	+16	E	4	bc	38	75	30	7	5	4	2.3	4.6	2500	0	4	C	C	bc	bc	C	C	
	Bristol	14.0	+14	SE	3	z	35	75	27	6	5	-	10	10	2000	15.4	+12	E	3	z	34	75	28	5	5	-	10	10	2200	0	*	Cm	Oz	Cz	Cz	Cz	Cz	
	Portland Bill	11.3	+6	E	4	0	39	85	36	7	5	-	10	10	2500	12.9	+4	E	4	C	37	85	34	7	5	-	7.8	7.8	2500	1	4	O	O	C	C	C	C	
	Plymouth	09.8	+10	SE	5	z	42	75	34	6	5	-	9+	9+	2000	12.7	+22	ESE	4	z	39	85	33	6	5	-	9+	9+	1200	0	3	Cm	Cm	Cm	Cm	Cm	Cm	
	The Lizard	07.1	+2	E'S	6	0	41	85	36	6	5	-	10	10	1100	09.6	+8	E	6	C	42	85	38	6	8	6	7.8	7.8	2000	0	5	0	C	C	C	C	C	
	Scilly (St. Mary's)	07.1	+16	SE'E	5	C	43	92	41	6	5	-	10	10	1500	09.5	+18	SE'E	4	C	44	85	39	6	5	2	7.8	10	1500	1	4	C	C	C	C	C	C	
Guernsey	07.1	+16	SE'E	5	C	43	92	41	6	5	-	10	10	1500	09.5	+18	SE'E	4	C	44	85	39	6	5	2	7.8	10	1500	1	4	C	C	C	C	C	C		
6	Pembroke	11.5	+14	E'S	6	Cy	37	85	34	6	8	2	7.8	10	2500	13.0	+10	E'S	6	Oy	37	85	32	6	5	-	10	10	2500	0	4	Cym	Cym	Cym	Cym	Cym	Cym	
	Holyhead	12.1	+10	ESE	2	z	42	65	33	6	5	3	4.6	7.8	3000	12.8	+6	-	0	z	38	85	33	5	-	4	9	0	7.8	1	2	bccm	Cz	Cz	Cz	Cz		
7	Chester (Sealand)	14.9	+14	SSE	3	z	38	65	37	5	5	3	2.3	9+	1200	15.8	+14	SSE	3	m	33	85	29	4	-	3	1	0	4.6	0	0	Cm	Cz	Cz	Cz	Cz		
	Manchester	14.7	+8	E	3	m	39	85	33	4	-	7	0	9+	-	16.4	+16	E'S	4	z	35	85	30	5	3	-	4.6	7.8	3000	1	*	Cm	Cm	Cz	Cz	Cz		
10	Spurn Head	16.3	+14	SE	3	z	35	75	28	6	5	7	4.6	10	1500	18.3	+10	E	3	C	35	85	31	7	5	2	7.8	10	1500	0	3	Om	C	C	C	C		
	Catterick	17.5	+14	NNE	2	C	37	92	35	8	5	2	4.6	10	1200	19.2	+22	ENE	2	C	35	92	33	8	5	-	4.6	9+	1500	1	*	fo	fo	fo	fo	fo		
	Tynemouth	17.7	+12	E	5	C	39	75	32	8	5	-	9+	9+	2500	19.3	+6	E	5	C	38	75	31	8	5	-	9+	9+	2500	1	3	oc	C	C	C	C		
11	St. Abbs Head	18.5	+18	NE	2	C	36	65	27	9	5	4	4.6	9	2500	19.0	0	E	3	C	36	75	27	9	5	7	4.6	9	2500	1	3	C	C	C	C	C		
	Leuchars	19.3	+18	NE	1	C	39	65	38	8	2	3	8	1	9	3000	19.5	0	E	3	bc	36	75	28	8	4	-	2	1	4.6	2500	1	*	Cm	Cz	Cz	Cz	
12	Rentrew (Abbots I.)	18.0	+6	E	3	C	37	65	28	7	5	1	9+	9+	5000	18.6	+4	E	3	C	36	75	29	7	6	-	9+	9+	6000	1	*	C	C	C	C	C		
	Eskdalemuir	17.7	+6	NE	3	C	34	75	27	8	5	-	9+	9+	1800	18.5	+6	E'N	4	C	32	75	26	8	5	-	9+	9+	2200	9	*	C	C	C	C	C		
Point of Ayre	14.6	+16	SE	3	C	41	85	37	7	6	4	7.8	9+	2000	14.9	+2	SE'S	5	bc	39	85	35	7	4	5	2.3	4.6	1600	1	4	C	C	C	C	C			
13A	Tiree	16.0	+4	E'N	3	bc	40	75	32	9	1	5	1.6	3500	14.9	0	SE'E	4	bc	37	85	32	8	5	3	2.3	2.3	3500	0	4	C	C	C	C	C			
	Stornoway	19.4	-2	ENE	2	C	38	75	30	8	5	4	5	1	7.8	3000	18.5	-2	E	3	C	36	97	35	8	5	4	2	1	7.8	3000	1	2	C	C	C	C	
15	Dalwhinnie	19.3	+12	SSW	1	C	30	75	25	8	1	6	1	7.8	4000	19.6	-4	SW	1	C	28	85	25	8	1	4	6	11	7.8	4000	8	*	bcc	C	C	C	C	
	Aberdeen	20.2	+20	N	3	bc	38	55	34	8	8	-	4.6	4.6	2400	20.7	+2	E'N	2	bc	35	65	26	8	8	-	9	2.3	4.6	2100	1	2	bxb	C	C	C	C	
Wick	20.5	+24	N	3	phr	34	85	29	9	2	7	4.6	9	2500	21.2	+6	ENE	3	C	33	65	24	9	4	-	1	4.6	7.8	2500	3	*	bc	bc	bc	bc	bc		
16	Sumburgh	20.2	+26	N'W	3	bc	32	75	25	8	8	-	2.3	2.3	2200	22.2	+14	N'E	2																			

7h. Monday 2nd March

1942.



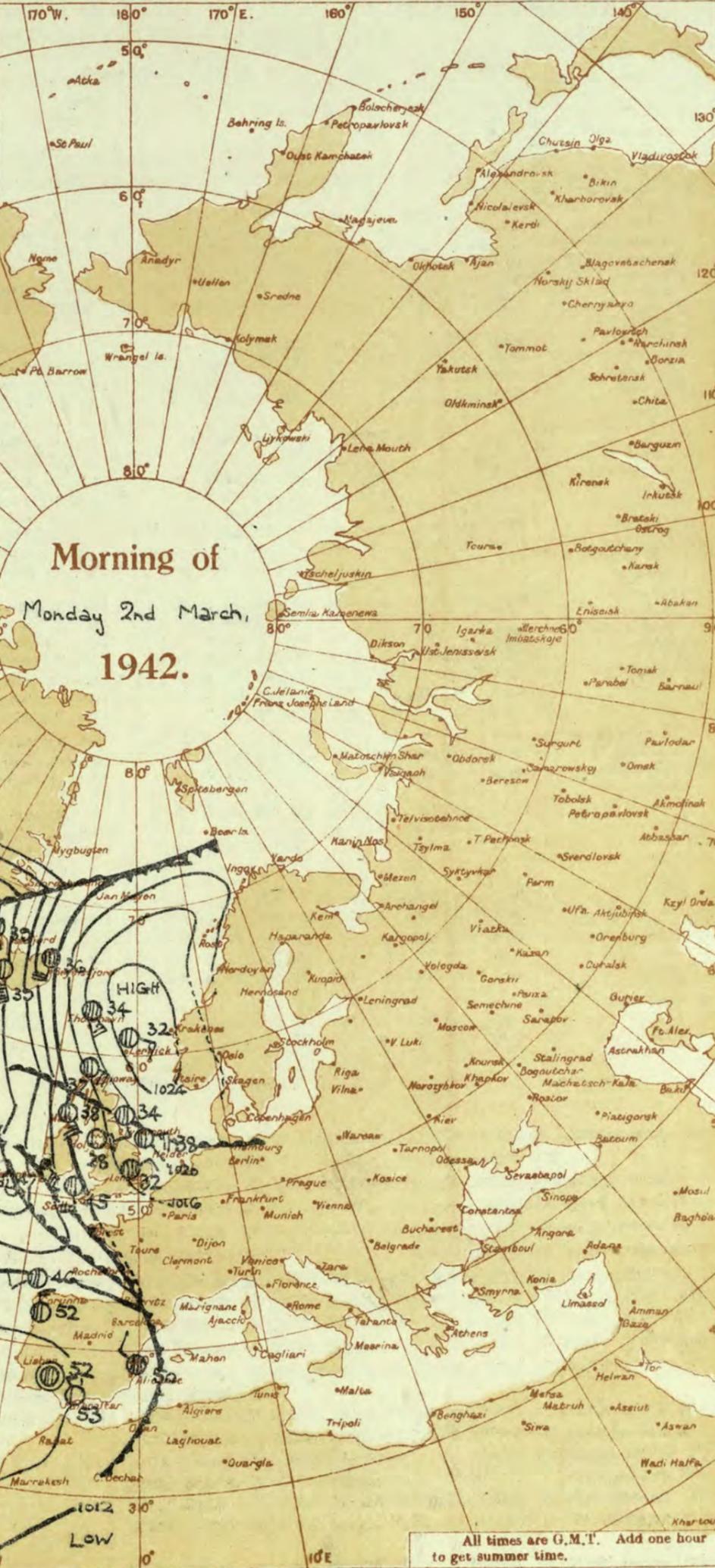
STATION MODEL



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown below.)  
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.  
**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin.  
 In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.  
**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.  
**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.  
**Frontolysis** is said to occur when a front is in process of dissolution.



Morning of  
Monday 2nd March,  
1942.

Clarke's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
 Statute Miles 0 1 2 3 4 500

## EXPLANATION OF CHART.

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol: ○  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS:** ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ● Rain falling. \* Snow. † Sleet. △ Hail. Fog. ☁ Mist. ⚡ Thunder. (T) Thunderstorm. ☁ Slight haze. ☁  
 The hour of observation is not uniform throughout the Hemisphere: a chart showing the hours at which the observations are taken is contained in the Introduction.  
**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. (For explanation see page 3.)  
**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.

All times are G.M.T. Add one hour to get summer time.

OBSERVATIONS at 1 hr. G.M.T. 2nd March

OBSERVATIONS at 7 hr. G.M.T. 2nd March

PAST 24 HOURS.

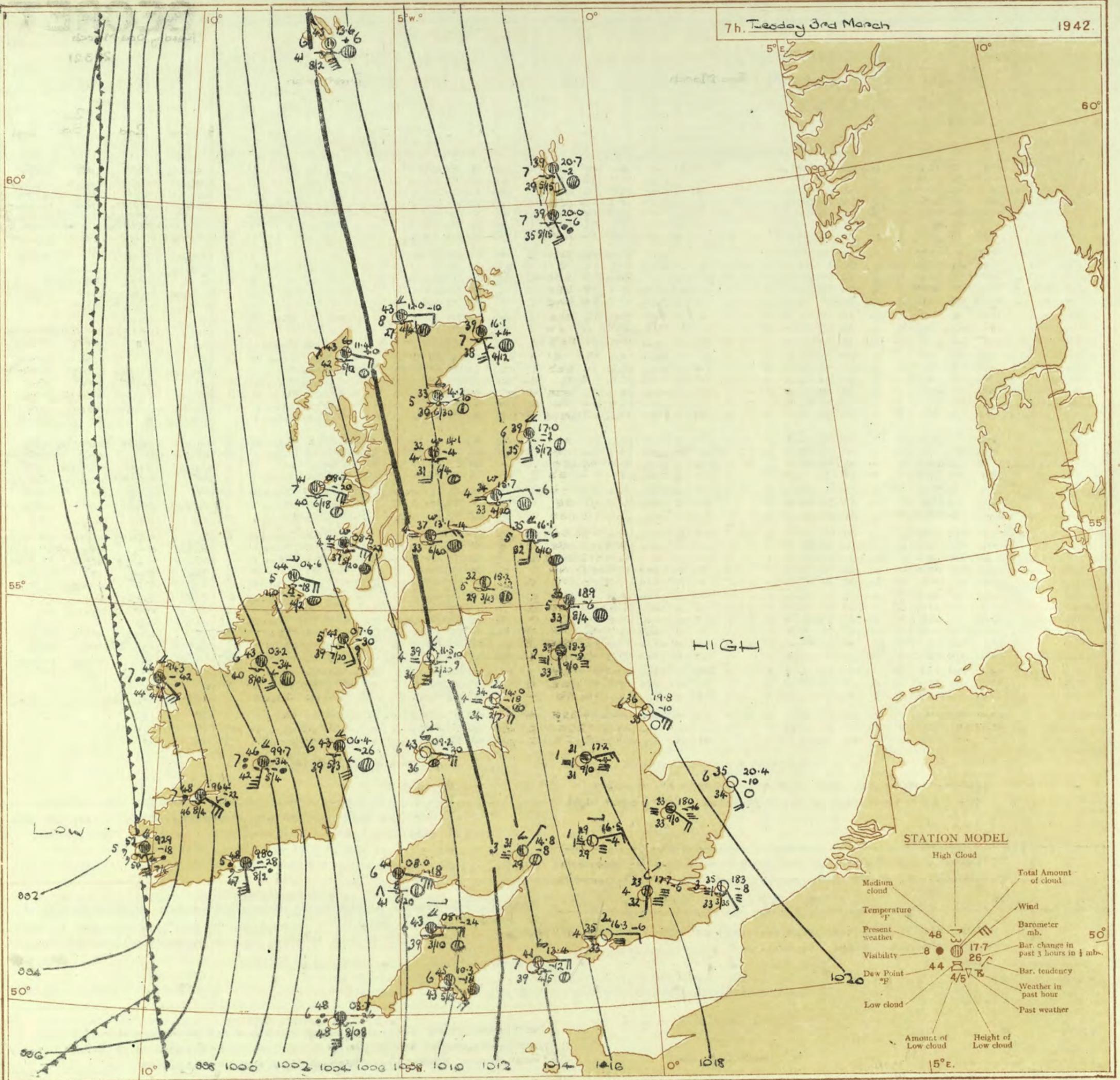
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Dew Point °F.	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Dew Point °F.	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Dew Point °F.	Visibility.	Cloud.					TEMPERATURE.					RAINFALL.		Sun-shine 1st Hrs.
					Dir.	Force.						Form.	Amount.	Height of Base (feet).	Low.	Med.			High.	Low.						Med.	High.	Low.	Med.	High.			Low.	Med.						High.	Low.	Med.	High.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.				
					(1)	(2)						(3)	(4)	(5)	(6)	(7)			(8)	(9)						(10)	(11)	(12)	(13)	(14)			(15)	(16)						(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	
1	London (Kew)	18	*	*	*	*	*	34	*	*	*	*	*	*	18.4	+8	E	3	m	34	92	31	4	5	-	-	10	10	2500	1	*	36	33	27	-	-	0.0															
	Croydon	217	17.6	+2	E	2	m	32	97	31	4	5	-	-	10	10	700	17.9	+4	E	3	m	33	97	32	4	5	-	-	10	10	300	3	*	36	31	28	-	-	0.0												
	S. Farnborough	225	17.6	+4	E	3	m	33	92	31	4	5	-	-	10	10	1200	18.3	+8	E	2	m	33	92	31	5	5	-	-	10	10	1000	1	*	37	31	27	-	-	0.0												
	Boscombe Down	417	16.9	0	E	4	m	29	97	28	4	-	-	0	0	-	-	-	18.1	+2	ESE	3	m	31	97	31	4	5	-	-	10	10	300	0	*	36	28	24	-	-	0.0											
	Thorney Island	10	16.5	+2	E	2	z	31	92	29	5	-	-	0	0	-	-	-	18.1	+16	E'N	1	m	32	97	31	4	5	-	-	10	10	800	3	*	41	29	20	-	-	0.0											
	Lympe	346	17.5	+2	NNE	3	of	32	92	30	3	5	-	-	10	10	600	18.4	+8	N'E	1	bf	32	97	32	3	5	-	-	0	0	-	3	3	40	31	28	-	-	48												
	Manston	154	17.5	+4	E'N	2	of	34	92	33	3	5	-	-	10	10	400	18.3	+6	E'N	1	mf	34	85	32	4	5	-	-	10	10	400	1	*	38	33	28	-	-	Tr	3.0											
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	18.3	+4	E	2	of	34	97	33	3	5	-	-	10	10	300	1	*	38	30	-	-	-	-	-	-													
	Felixstowe	15	18.4	+6	E'N	4	z	35	92	33	5	5	-	-	10	10	700	18.8	+4	E'N	3	m	34	92	32	4	-	-	0	Tr	-	1	3	36	32	-	-	-	-	-												
	Gorleston	5	19.5	0	E	4	z	35	85	32	6	5	-	-	9	9	1500	20.0	+6	ESE	4	z	35	85	32	6	5	1	-	4.6	7.8	1500	0	4	35	34	34	-	-	*												
	Mildenhall	19	18.9	+2	NE'E	2	z	35	97	33	6	5	-	-	7	8	1000	18.8	+2	E'S	2	m	34	97	33	4	5	-	-	10	10	600	0	4	35	30	30	-	-	0.0												
	Cranwell	240	19.8	+6	E	2	z	33	85	29	6	5	-	-	10	10	2000	19.6	+4	SE	4	m	33	97	33	4	5	-	-	10	10	900	1	*	33	32	31	Tr	-	0.0												
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	18.7	+4	SE	3	z	31	92	29	5	5	-	-	10	10	800	3	*	34	30	30	-	-	-	-	0.0													
	Upper Heyford	408	17.8	+6	E	2	z	30	92	30	6	5	-	-	10	10	2000	17.9	+4	E	3	m	32	97	31	4	5	-	-	10	10	1100	3	*	33	29	27	-	-	-												
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	17.9	+6	SE	1	z	33	85	30	5	5	-	-	10	10	800	1	*	35	32	29	-	-	-	-	0.0													
5	Hartland Point	299	13.2	0	E	4	c	35	85	29	7	5	-	-	9	9	2500	12.3	-2	SE	4	c	36	85	33	7	5	4	-	4.6	9	2000	0	4	40	33	32	-	-	1.1												
	Bristol	209	17.9	+4	-	0	z	29	85	26	5	-	-	0	0	-	-	-	18.6	+12	E'S	3	of	32	92	30	4	5	-	-	10	10	1000	3	*	35	24	16	-	-	0.0											
	Portland Bill	32	14.8	-2	E	4	c	36	85	33	7	4	-	-	10	10	4000	16.3	+8	E	4	0	37	85	34	7	5	-	-	10	10	2500	1	4	35	34	*	-	-	*												
	Plymouth	82	13.5	0	ESE	5	z	37	85	33	6	5	-	-	10	10	2000	14.5	+6	SE'E	5	m	39	92	37	4	5	-	-	10	10	800	0	3	43	36	34	-	-	0.4												
	The Lizard	240	11.9	-8	E'S	5	0	43	92	41	6	5	-	-	10	10	1500	12.8	+4	SE	4	0	43	97	42	5	5	-	-	10	10	1500	0	4	43	40	*	-	-	1.0												
	Scilly (St. Mary's)	163	11.3	0	SE'S	4	c	45	85	42	6	5	-	-	10	10	1200	12.0	+4	S'W	4	ido	45	97	45	6	5	2	-	7.8	10	1200	1	4	45	43	*	-	-	0.0												
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*														
6	Pembroke	142	15.1	0	ESE	6	cq	35	85	29	5	8	1	-	7.8	9	2500	14.1	+4	ESE	6	cq	37	97	36	5	8	1	-	4.6	10	2000	0	4	40	27	*	-	-	0.0												
7	Holyhead	26	15.2	+2	E	2	m	28	92	24	4	-	-	0	0	-	-	-	15.0	+14	E	3	z	28	85	24	5	-	4	-	0	Tr	-	3	46	25	18	-	-	*												
	Chester (Sealand)	16	18.5	+6	SE'S	4	z	34	75	30	6	5	-	-	10	10	2000	18.2	+6	SE'S	3	z	35	85	30	5	5	-	-	10	10	2000	0	*	39	33	29	-	-	-	0.3											
8	Manchester	235	19.0	+6	E'S	4	0	33	85	29	6	5	-	-	10	10	3000	18.6	+2	-	0	z	39	92	37	5	5	-	-	1	1	3500	3	*	39	29	23	-	-	*												
10	Spurn Head	29	20.1	+4	E	4	z	36	92	33	6	7	1	-	7.8	10	1500	19.5	0	ESE	4	0	36	97	35	6	5	2	-	7.8	10	1500	0	4	36	35	*	-	-	0.0												
	Catterick	175	20.5	+2	SSE	2	of	35	97	34	6	5	-	-	10	10	900	20.1	+2	-	0	m	33	97	32	4	5	-	-	4.6	10	800	1	4	37	33	33	0.3	Tr	0.0												
	Tynemouth	108	12.3	+2	E	5	c	38	75	31	7	5	-	-	9	9	2500	20.4	0	SSE	5	0	37	85	34	7	-	2	-	10	10	1500	1	4	40	36	34	-	-	0.2												
11	St. Abbs Head	280	19.7	+2	E	5	c	36	75	27	8	5	2	-	7.8	9	2500	18.6	+6	SE	6	cq	36	85	30	8	5	2	-	7.8	10	2500	0	4	37	36	*	-	-	*												
	Leuchars	36	20.6	-2	E	4	c	37	75	30	7	5	-	-	10	10	3000	19.9	0	ESE	5	c	36	75	29	8	5	-	-	10	10	3000	1	*	40	35	31	-	-	6.9												
12	Renfrew (Abbots 1.)	19	18.3	-10	E	4	c	36	75	28	7	5	-	-	10	10	3000	17.9	+10	SE	3	z	37	75	30	5	5	-	-	10	10	2000	1	*	37	35	32	-	-	0.7												
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	19.5	+6	SE	3	z	30	85	25	6	5	3	-	-	4.6	7.8	800	9	*	34	30	27	-	-	0.0														
	Point of Ayre	30	16.3	+4	SE	6	z	35	85	30	6	2	*	9	10	1500	16.1	+10	SSE	7	z	35	85	29	6	6	2	-	9	10	1500	1	5	42	34	*	-	-	0.1													
13A	Tiree	22	12.5	-20	SE	6	bc	38	85	33	8	5	-	-	4.6	4.6	2500	11.7	-6	SSE	7	c	39	85	35	7	5	-	-	9	9	1500	0	5	41	37	*	-	-	6.9												
13B	Stornoway	80	16.0	-18	ESE	3	c	37	85	32	8	5	7	5	2.3	7.8	3000	12.4	-8	SE	4	c	40	85	35	8	5	7	-	7.8	9	2500	1	2	42	35	*	-	-	6.6												
15	Dalwhinnie	1176	*	*	*	*																																														

## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

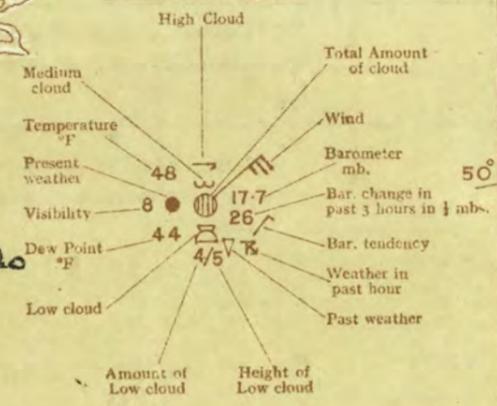
OBSERVATIONS at 13h. G.M.T. 2nd March															OBSERVATIONS at 18h. G.M.T. 2nd March															PAST 24 HOURS.					
District	Stations	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Humid.	Dew Point	Visibility	Cloud			Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Humid.	Dew Point	Visibility	Cloud			Barom. at M.S.L.	Change in 3 hours	State of Ground	Sea	Weather					
				Dir.	Force						Form	Amount	Height of Base (feet)			Dir.	Force						Form	Amount	Height of Base (feet)					Form	Amount	Height of Base (feet)	7h.-13h.	13h.-18h.	18h. 2nd to 3rd
(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)	(39)	(40)	(41)	(42)
1	London (Kew)	19.1	-2	SE	3	33	40	75	33	4	-	-	-	19.3	+2	SE	2	33	38	85	34	3	-	-	-	-	-	-	1	*	cbfmz	bzpf	ofx	bffx	
	Croydon	19.5	+2	SE	2	33	41	75	34	4	-	-	-	19.3	+2	SE	2	33	38	85	34	3	-	-	-	-	-	1	*	cmom	bzbf	bfwx	bmgof		
	S. Farnborough	19.0	-2	SE	2	33	44	65	34	4	-	-	-	18.9	+6	SE	1	1	42	75	34	3	-	-	-	-	-	1	*	cm.bz	bzbf	bfx	bfFxobc		
	Boscombe Down	19.6	0	SE	3	33	34	65	24	5	-	-	-	19.2	+2	SE	1	1	36	85	32	5	-	-	-	-	-	2-32-3	3500	0	*	cm	cfbcf	bcf	bmbcm
	Thorney Island	19.0	+2	SE	2	33	39	75	34	4	-	-	-	19.7	+2	SE	1	1	37	92	35	4	5	-	-	-	-	17	17	2500	0	0	0	0	0
	Lymington	19.7	+2	SE	1	33	41	85	36	4	-	-	-	19.8	+2	SE	1	1	35	92	33	4	5	-	-	-	-	-	-	-	-	-	-	-	
	Manston	19.2	-2	SE	3	33	4	75	34	4	-	-	-	19.5	+4	SE	2	2	36	85	33	3	-	-	-	-	-	-	-	-	-	-	-	-	
2	Shoeburyness	19.9	0	SE	2	33	39	85	34	4	-	-	-	20.6	+2	SE	2	2	36	92	33	4	-	-	-	-	-	-	1	*	ofbm	bm		bm	
	Felixstowe	20.1	+2	SE	3	33	41	85	36	5	-	-	-	19.8	+2	SE	3	3	36	92	34	5	-	-	-	-	-	-	1	3	bmkmz	bm	bmw	bmwx	
	Gorleston	20.1	+2	SE	3	33	37	87	36	6	5	-	-	20.6	0	SE	3	3	36	85	33	6	-	-	-	-	-	0	3	bcmz	bm	bmw	bmwx		
	Mildenhall	20.1	+4	SE	3	33	46	65	34	6	5	-	-	19.8	+8	SE	1	1	39	85	33	5	-	-	-	-	-	0	0	cm	bzbf	bcf	bmbcm		
	Granwell	20.4	-2	SE	3	33	26	92	33	5	5	-	-	19.6	+4	SE	1	1	37	92	36	4	-	-	-	-	-	0	0	cm	bzbf	bcf	bmbcm		
3	Birmingham	18.9	-2	SE	3	33	24	85	30	5	5	-	-	19.1	+2	SE	2	2	37	85	33	4	5	-	-	0	0	1500	3	*	oz	oczm	bmbcm	bmbcm	
	Upper Heyford	19.0	+2	SE	3	33	36	75	29	4	5	-	-	18.5	0	SE	2	2	35	92	32	4	-	-	-	-	0	0	0	0	0	0	0	0	
	Ross-on-Wye	18.1	-4	SE	2	33	39	75	32	5	5	-	-	17.9	0	SE	1	1	41	75	34	5	-	-	-	-	10	10	1500	1	*	em	cm	cm	cm
5	Hartland Point	14.0	-4	SE	4	33	45	75	38	6	7	-	-	14.6	+8	SE	4	4	42	85	38	6	-	-	4	4	2000	3	*	e	c	cbcmz	bccmz		
	Bristol	18.2	-2	SE	4	33	41	75	33	5	5	-	-	18.2	+2	SE	2	2	41	75	34	5	5	7	1	2-3	4000	0	*	cm	cm	cm	cm		
	Portland Bill	17.4	+4	SE	4	33	32	92	36	3	5	-	-	17.0	-2	SE	4	4	39	92	36	3	5	-	-	10	10	800	1	4	off	off	off	off	
	Plymouth	19.9	-2	SE	4	33	46	85	42	5	5	-	-	16.0	+6	SE	4	4	44	92	41	5	6	-	-	4	4	800	0	3	omcm	cm	cm	cm	
	The Lizard	14.4	+6	SE	4	33	43	97	45	4	5	-	-	14.4	+4	SE	4	4	44	97	44	4	5	-	-	10	10	1000	0	4	act	cm	cm	cm	
	Scilly (St. Mary's)	12.2	-2	SE	5	33	48	97	48	7	5	-	-	12.2	+2	SE	4	4	48	97	47	6	5	-	-	10	10	800	1	4	aiqic	e	e	e	
	Guernsey																																		
6	Pembroke	14.9	0	N/E	6	33	39	97	38	5	5	-	-	15.0	0	SE	6	6	43	92	41	5	8	-	-	10	10	2000	0	4	eqm	cm	cm	cm	
7	Holyhead	14.6	-2	E	2	33	44	75	37	7	5	-	-	14.7	+10	SE	3	3	45	75	37	7	5	2	-	2-3	10	5000	1	4	cm	cm	cm	cm	
	Chester (Sealand)	17.6	-2	SE	4	33	36	85	31	4	5	-	-	18.0	+6	SE	3	3	36	85	32	4	-	-	-	-	0	0	0	0	0	0	0	0	
8	Manchester	18.8	-4	SE	4	33	38	75	32	4	5	-	-	18.1	-2	SE	3	3	34	92	32	4	5	-	-	10	10	4000	1	*	em	cm	cm	cm	
10	Spurn Head	21.3	+4	SE	5	33	35	92	34	5	5	-	-	20.0	+6	SE	5	5	36	92	35	6	5	-	-	10	10	1500	0	4	em	cm	cm	cm	
	Catterick	20.2	-10	SE	3	33	36	97	34	4	5	-	-	20.4	+12	SE	3	3	36	97	34	3	6	-	-	10	10	1500	1	4	em	cm	cm	cm	
	Tynemouth	20.7	-6	SE	5	33	38	92	37	6	8	-	-	20.3	+2	SE	5	5	37	92	36	5	5	-	-	10	10	800	1	4	oc	cm	cm	cm	
11	St. Abbs Head	17.1	-24	SE	6	33	38	92	37	7	5	2	-	17.8	+8	SE	4	4	37	97	32	5	6	-	-	10	10	2000	0	3	cm	cm	cm	cm	
	Leuchars	18.5	-16	SE	6	33	39	97	38	7	5	-	-	18.3	+6	SE	6	6	37	92	35	6	5	-	-	10	10	1700	1	*	ed.d.c	cm	cm	cm	
12	Renfrew (Abbots I.)	16.6	-12	SE	4	33	41	65	31	6	7	-	-	16.4	+12	SE	2	2	40	75	34	4	5	2	-	7-8	10	3000	1	*	cm	cm	cm	cm	
	Esksdalemuir	17.1	-18	SE	4	33	35	85	31	7	5	-	-	17.6	+8	SE	1	1	34	85	30	6	5	-	-	9	9	3000	0	3	cm	cm	cm	cm	
	Point of Ayre	16.0	0	SE	6	33	37	85	33	6	6	-	-	15.7	+10	SE	6	6	38	85	35	6	6	2	-	9	10	1000	0	5	ez	cm	cm	cm	
13A	Tiree	10.2	0	SE	7	33	39	85	36	6	5	-	-	10.8	+6	SE	6	6	41	97	41	5	5	-	-	10	10	600	0	6	co	cm	cm	cm	
13B	Stornoway	11.2	+10	SE	6	33	43	75	36	8	5	7	-	11.5	+6	SE	6	6	44	92	42	7	5	2	-	7-8	10	1000	0	3	co	cm	cm	cm	
15	Dalwhinnie	16.2	0	SE	4	33	32	92	31	6	5	-	-	16.5	+4	SE	5	5	33	85	36	6	5	7	-	4-6	9	1500	0	4	co	cm	cm	cm	
	Aberdeen	19.6	-22	SE	5	33	37	75	30	6	5	-	-	19.4	+2	SE	4	4	38	85	33	5	6	2	-	9	10	1800	1	4	co	cm	cm	cm	
	Wick	17.1	-20	SE	7	33	38	75	31	7	5	2	-	17.3	+2	SE	8	8	38	85	34	7	5	2	-	4-6	10	800	1	4	co	cm	cm	cm	
16	Sumburgh	22.0	-14	SE	5	33	36	85	31	8	5	-	-	21.8	+6	SE	5	5	37	85	32	8	6	-	-	10	10	2000	3	4	co	cm	cm	cm	
17	Blackod Point	03.6	+10	SE	6	33	60	85	46	8	6	2	-	05.2	+14	SE	5	5	47	85	43	7	6	2	-	2-3	9	1500	0	4	co	cm	cm	cm	
18	Malin Head	03.7	-18	SE	6	33	39	85	34	5	6	-	-	08.2	+8	SE	5	5	43	85	39	6	8	-	-	7-8	7-8	800	0	3	co	cm	cm	cm	
	Aldegreve	12.5	+2	SE	5	33	40	85	36	6	5	1	-	13.4	+4	SE	4	4	42	92	40														

7h. Tuesday 3rd March

1942.



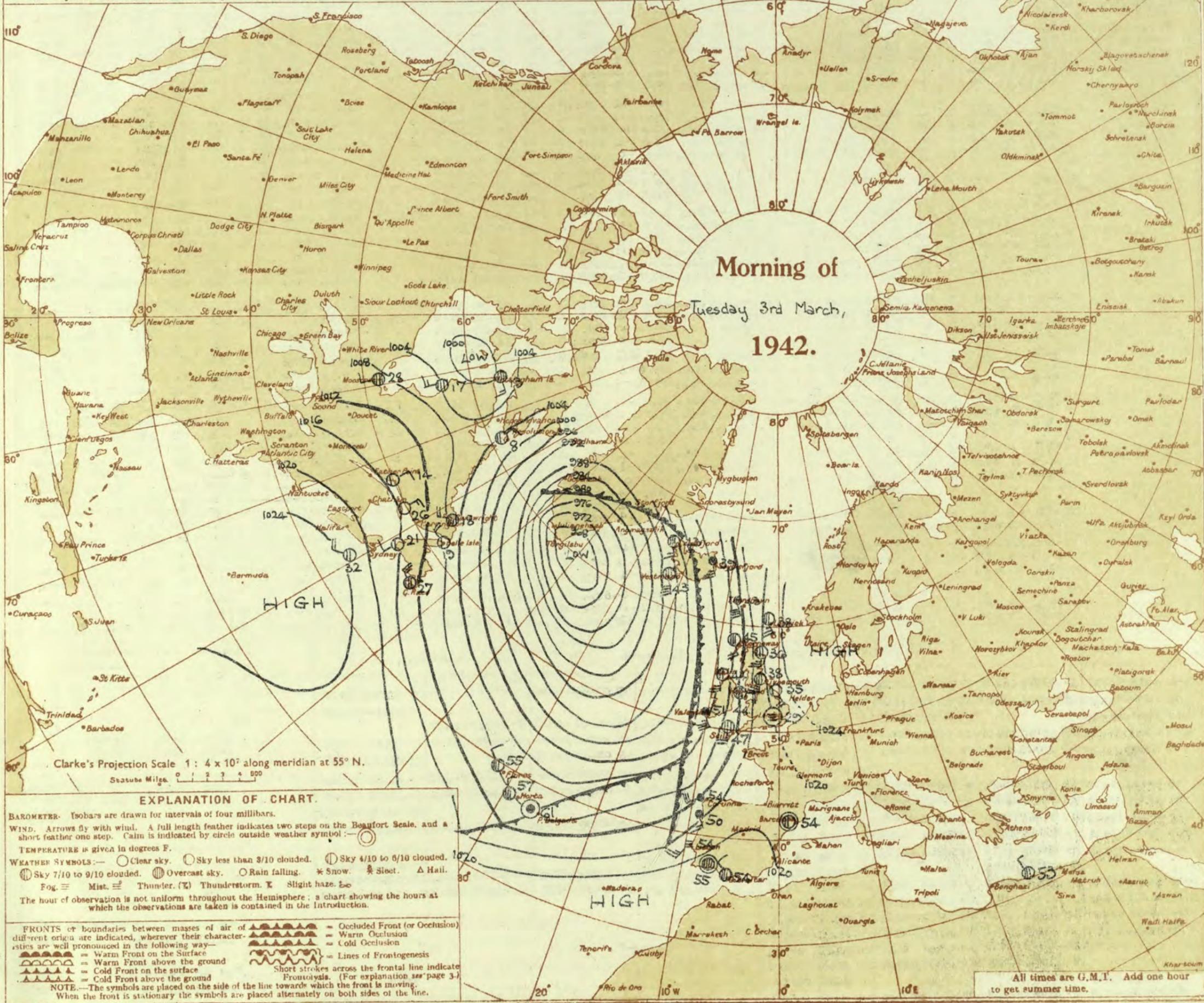
**STATION MODEL**



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)  
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.  
**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin.  
 In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.  
**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.  
**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.  
**Frontolysis** is said to occur when a front is in process of dissolution.





# SECRET

Tuesday 4th March 1942  
 Wednesday No. 28957

Page 1

BRITISH  
SECTION

## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

District.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 3rd March														OBSERVATIONS at 18h. G.M.T. 3rd March														PAST 24 HOURS.							
		Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather (5)	Temp. °F. (6)	% Humid. (7)	Dew Point °F. (8)	Visibility (9)	Cloud.			Barom. at M.S.L. (16)	Change in 3 hours (17)	Wind.		Weather (20)	Temp. °F. (21)	% Humid. (22)	Dew Point °F. (23)	Visibility (24)	Cloud.			Barom. at M.S.L. (31)	Sea. (32)	WEATHER.									
				Dirac. (3)	Force 0-12 (4)						Form. (10)	Amount. (11)	Height of Base (feet) (12)			Form. (25)	Amount. (26)						Height of Base (feet) (27)	7h.-13h. 3rd... (39)	13h.-18h. 3rd... (40)			18h. 3rd to 1h. 4th. (41)	1h.-7h. 4th... (42)								
1	London (Kew) Croydon S. Farnborough Boscombe Down Thorney Island Lympne Manston	14.4 15.2 13.2 13.5 14.5 17.5 16.7	-14 -10 -16 -14 -6 -12 -16	SE'S SE SE'S SSE E SE SE	2 3 4 4 3 3 3	Zo Zo Zo Zo Zo Zo Zo	51 50 51 47 46 45 44	65 65 66 65 85 65 75	39 39 33 40 41 34 36	6 6 6 6 6 6 5	- - - - - - -	- - - - - - -	3 0 8 7 6 6 5	0 0 0 10 0 0 0	7-8 7-8 9 10 9 10 Tr	13.1 13.4 12.4 11.2 12.0 15.3 15.0	-6 -8 -4 -2 -10 -14 -8	SE'S SE SE SE'S E'S ESE SE	3 2 2 4 3 3 4	Zo Zo Zo fofo fof Zo m	47 46 46 43 44 43 41	65 75 65 85 85 75 85	35 37 37 38 39 36 36	5 5 5 6 5 6 4	- - - - - - -	7 7 7 7 7 7 7	0 4.6 0 0 10 0 0	10 6500 10 9+ 10 10 10	1 1 1 1 1 1 1	*	ob Fezo bmczo bcfbp bm. cm. bmcmo bczo bfcbmm.	Czo Czo Czo cmofcfofo micomo bcczo bbcczom	Czo Czo Czo cmo cmofcfofo cmo cm	cm. rrm. cmofcfofo Czo mofcfo Czo mofcfo cmofcfofo cmofcfofo cmofcfofo			
2	Shoeburyness Felixstowe Gorleston Mildenhall Cranwell	17.3 17.8 18.6 16.4 15.4	-8 -10 -10 -14 -26	ESE SE'S SE SE'S SE'S	3 3 3 4 4	bc Zo Zo Zo Zo	41 41 38 49 44	75 75 75 75 85	34 34 34 40 40	5 5 5 6 5	- - - - -	- - - - -	1 3 - 3 - 7	0 0 0 1 0	2-3 Tr - - 9	15.2 15.4 16.7 14.1 13.0	-22 -14 -14 -10 -10	ESE SE SE'S SE'S SE	4 4 4 4 4	C Zo Zo Zo Zo	39 37 37 41 42	85 85 85 85 85	36 34 33 34 37	5 5 5 5 5	- - - - -	9 7 6 2 7	0 7.8 7.8 0 0	9+ 9 2000 10 9	1 1 0 0 1	*	efebmo cfbmo bczo bcmomo cfefbmm.	b. cm. bmo cmo bcczo bcczo czomo	bmz cmo cm cmo cmofcfofo cmofcfofo	bmz cmofcfofo cmofcfofo cmofcfofo cmofcfofo			
3	Birmingham Upper Heyford	12.8 13.6	-8 -10	SE SSE	3 2	Zo m	44 47	75 85	37 43	5 4	- -	- -	7 7	7-8 10	1000 10	10.8 12.1	-8 -2	SE SE	2 2	fofo fo	45 47	85 75	41 38	4 5	6 5	2 2	- -	7.8 10	2500 4000	1 1	*	b. cz bfcbmez	cofofo czzo	oio cmo	oio rrf cmofcfofo		
4	Ross-on-Wye	11.3	-16	SE	3	Zo	49	73	39	6	-	-	5	2	7-8	2000	03.3	-10	SE	2	fo	46	85	43	6	2	-	9	10	1500	1	*	befcz	czzo	cmo	cmofcfofo	
5	Hartland Point Bristol Portland Bill Plymouth The Lizard Scilly (St. Mary's) Guernsey	06.3 12.4 12.2 09.2 06.6 03.4	-12 -12 -12 -14 -4 -2	S SE ESE SE'S SSE S	4 3 3 4 6 5	fofo Zo Zo r r u	46 48 48 48 47 49	92 75 92 97 97 97	44 41 42 44 47 49	8 6 7 6 6 4	8 5 5 2 5 5	- - - - - -	- - - - - -	2 7 5 6 5 5	4 10 10 10 10 10	1500 2100 2600 2600 1000 200	05.3 10.0 09.6 06.8 04.4 02.5	+6 -16 -10 -12 -8 -6	SSE SSE S SSE SE SW	4 3 3 4 5 3	C S c fofo dF F	49 45 43 46 47 49	92 85 92 97 97 97	44 42 41 45 47 49	7 6 5 5 5 1	2 7 5 6 5 -	9+ 7.8 10 9+ 10 10	800 1500 2500 1000 400 150	1 1 1 1 1 1	4	*	cirrc cmmo e cmo+r rr	circ cifomo co crrmo rrrf	circ orr oidofofo dfrf	crr cmofcfofo crrman rf rfrfr.		
6	Pembroke	04.9	-18	SE'S	7	r	44	97	44	5	-	-	10	10	2000	04.2	-6	SE'S	6	dodo	45	97	45	6	8	-	10	10	2000	1	4	*	cgrrm	cgddomo	crrrmo	cgrrm	
7	Holyhead	08.9	-22	SSE	5	r	47	85	42	6	-	-	10	10	3000	04.1	-4	SSE	6	r	47	85	43	7	5	7	-	9	10	2000	1	5	*	crrmo	cfomo	crdomo	crfmo
8	Chester (Sealand) Manchester	10.9 11.3	-16 -18	SSE SE	5 4	m Zo	44 48	75 65	36 47	4 6	- -	- -	7 5	7 2-3	10 5700	08.2 10.6	-12 -6	SE'S ESE	4 4	fofo fofo	46 45	85 85	42 40	5 4	2	-	4.6 10	1000 3000	1 1	*	bfun bcmo	fofoif bcmo	o cm r. cmo	orm cmmo			
10	Spurn Head Catterick Tynemouth	16.6 16.6 17.4	-18 -6 -8	SSE SE'S S	4 3 4	r f Zo	38 35 38	92 97 97	35 35 37	3 3 5	- -	- -	10 10 10	10 10 10	1500 1500 800	13.4 14.5	-10 -16	- SSE	0 5	f Zo	37 39	97 97	36 39	3 5	- -	- -	10 10	1500 1500	1 1 1	4	*	ofof om	ofof ocmo	cird. f cmo	formcm com		
11	St. Abbs Head Leuchars	13.7 15.3	-18 -4	SSE ESE	7 6	Zo Zo	38 39	92 85	35 36	5 5	- -	- -	9+ 10	2000 2000	11.6 13.1	-14 -10	SE ESE	7 7	Zo Zo	38 39	92 85	35 36	5 6	5 5	- -	10 10	1000 700	4 1	4	*	o cm cbcmo	cmom cmo	ocmo q cmofcfofo	cmo q cmofcfofo			
12	Rentrew (Abbots L.) Eskdalemuir Point of Ayre	10.7 12.8 08.1	-10 -14 -28	E/N SE SE	4 3 7	Zo bc Zo	43 38 43	76 75 75	33 31 37	5 5 5	- -	- -	6 9	7-8 0 7-8	9+ 4.6 3000	08.8 10.3 06.0	-6 -10 +6	E'S SE'S SSE	4 4 6	m o fofo	43 37 42	75 85 92	35 32 46	5 5 2	- -	10 10	2200 500 1500	1 9 1	4	*	bcbbe beez	bcco fofo	Zofofo orofo	nofo dodo crr			
13A	Tiree	04.4	-20	SE'S	5	ido	46	85	36	7	-	-	9+	9+	1800	01.7	-6	SE	5	fofo	40	97	43	6	2	-	10	10	1200	1	5	*	cido	orfo	ornd	orr	
13B	Stornoway	08.8	-16	ESE	6	c	45	92	40	8	-	-	9+	9+	1800	06.0	-8	ESE	7	Spr	48	97	42	7	5	7	-	7.8	10	2000	1	4	*	c	cpr	cprrr	crrido
15	Dalwhinnie Aberdeen Wick	12.0 17.7 10.6	-6 -4 -4	SSE SE SSE	4 4 6	m Zo Zo	34 40 40	92 85 85	33 35 36	4 6 6	- -	- -	10 7-8 9	1500 1700 1000	10.0 16.3 15.2	-20 -8 -2	SSE SE'S SE'S	5 4 7	m Zo Zo	34 39	92 75	33 32	4 6	5 6	2	-	10 10	1500 1600 1200	6 1 1	4	*	co bzo cmo	o czo cmo	cpr czo cmobc	crrido czo c		
16	Sumburgh	21.5	+2	SE'S	5	c	40	85	35	7	-	-	9+	9+	1500	19.9	-6	SE'S	5	c	37	85	31	8	5	-	8	2.3	7.8	4000	1	4	*	cit. c	cbcc	e. b	b. cbc
17	Blackod Point	93.7	+4	SE	3	c/r	52	85	48	8	-	-	9+	9+	1500	03.4	0	S	7	c	53	75	45	7	8	3	-	4.6	7.8	1500	1	4	*	r	c	bc	pr
18	Malin Head Aldergrove	99.6 04.1	-18 -12	SE SE'S	6 6	Zo fofo	46 44	75 92	38 42	5 5	- -	- -	9 1	9 4.6	800 900	07.7 02.0	-8 -10	SSE SE'S	8 5	Zo dodo	45 44	85 97	41 43	5 5	8 6	2	-	9 10	800 600	0 1	5	*	ym r. fofo	fofo	d. d. d. id.	id. orr	
19	Birr Castle	98.4	-14	SSE	5	c/r	50	92	48	7	-	-	7-8	10	1500	08.0	-2	S	3	c	50	92	48	7	5	-	10	10	1500	1	5	*	t	c	bc	pr	
20	Valentia Obay. Roches Point	95.3 98.7	+10 +2	S S	5 6	o/d r	53 48	97 83	53 48	6 5	- -	- -	10 10	10 10	800 150	04.8 08.6	-6 -4	S S	5 6	c L	52 48	92 97	50 48	7 2	3 -	-	7.8 10	7.8 1500	2500 1	5 6	5	*	t	c	bc	pr bc	

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 4th March 1942.	
1 S.E. England	Moderate S.E. to E. wind; cloudy; some rain; rather cold.	16 Orkneys and Shetlands As 14-15
2 E. England		17 N.W. Ireland
3 E. Midlands		18 N.E. Ireland
4 W. Midlands		19 S.E. Ireland
5 S.W. England	Light or moderate S. wind, backing S.E.; bright intervals;	20 S.W. Ireland
6 South Wales	some rain; average temperature.	
7 North Wales	Moderate S.E. wind strong locally on coasts; cloudy;	
8 N.W. England	occasional light rain; rather cold.	
9 N. Midlands		
10 N.E. England		
11 S.E. Scotland		
12 S.W. Scotland & Isle of Man		
13A W. Scotland		
13B N.W. Scotland		
14 Mid Scotland	Fresh S.E. wind strong to gale locally on coasts; cloudy; light wintry	
15 N.E. Scotland	showers later; cold.	

**GENERAL INFERENCE**

An anticyclone is centred over Scandinavia and a depression to N.W. of the British Isles. A trough of low pressure over western districts is almost stationary. Weather will be cloudy with occasional rain, but some bright intervals are expected in the S.W.

**FURTHER OUTLOOK**

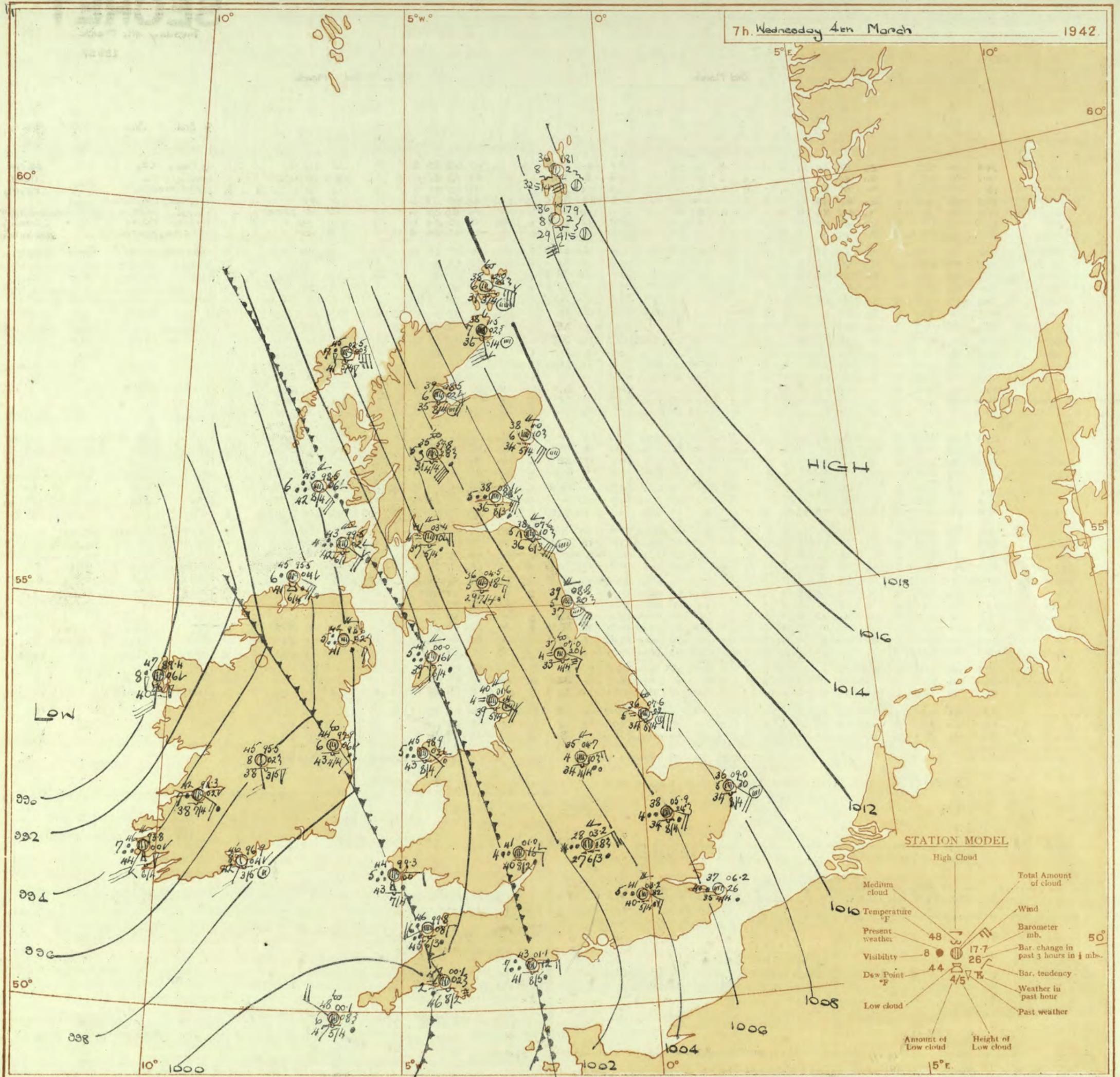
Cold in the North with slight snow locally; probably becoming colder in the South. Warning of S.E. gale in districts 7, 8, 9, 10, 11, 12, 13A, 13B, 15, 16, issued 2/3/42.

Forecasts issued at 10.30n.

N. K. JOHNSON, D.Sc. A.R.C.S., Director.  
 Meteorological Office, Air Ministry, Kingsway, London, W.C.2

7h. Wednesday 4th March

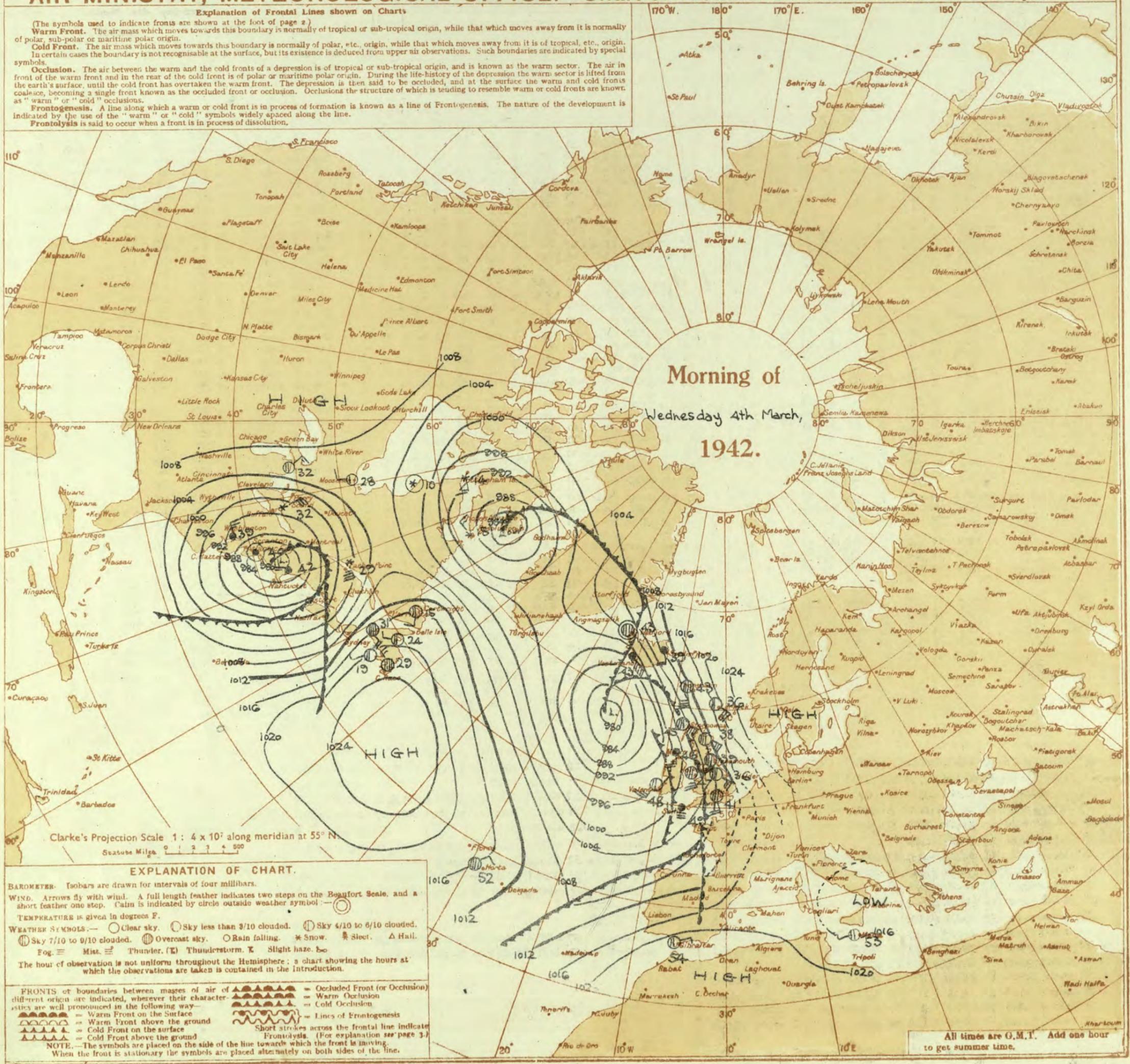
1942.



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)  
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.  
**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.  
**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.  
**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.  
**Frontolysis** is said to occur when a front is in process of dissolution.



Morning of  
 Wednesday 4th March,  
 1942.

Clarke's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
 Statute Miles 0 1 2 3 4 500

### EXPLANATION OF CHART.

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.** ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. \* Snow. † Sleet. △ Hail. Fog. ☼ Mist. ⚡ Thunder. ⚡ Thunderstorm. ☁ Slight haze. ☁  
 The hour of observation is not uniform throughout the Hemisphere: a chart showing the hours at which the observations are taken is contained in the Introduction.  
**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their character is 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. (For explanation see page 3.)  
**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.

All times are G.M.T. Add one hour to get summer time.

OBSERVATIONS at 1 hr. G.M.T. 4th March															OBSERVATIONS at 7 hr. G.M.T. 4th March															PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Dew Point. °F. (8)	Visibility. 0-9 (9)	Cloud.			Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (21)	Humid. % (22)	Dew Point. °F. (23)	Visibility. 0-9 (24)	Cloud.			State of Group. 0-9 (31)	Sea. 0-9 (32)	TEMPERATURE.			RAINFALL.		SUNSHINE 3rd Hrs. (38)					
					Dir.	Force.						Form.	Amount.	Height of Base (feet).			Dir.	Force.						Form.	Amount.	Height of Base (feet).			Max. Day 7h-18h °F. (33)	Min. Night 18h-7h °F. (34)	Min. on Grass °F. (35)	Day 7h-18h mm. (36)	Night 18h-7h mm. (37)						
1	London (Kew)	18	30.1	-0.1	SE	4	43	75	34	6	5	7-8	3+	4000	03.1	-32	ESE	3	rr	40	92	38	4	6	2	1	10	4000	1	52	40	39	-	1	2.1				
	Croydon	217	29.5	-0.4	SSE	4	41	75	34	6	5	7-8	3+	4000	03.2	-32	ESE	3	rr	41	92	39	5	6	2	1	10	900	1	52	39	37	-	0.3	4.6				
	S. Farnborough	226	28.3	-0.8	SE	3	42	65	33	7	5	2	-	7-8	10	3000	02.3	-28	SE	3	rr	42	92	40	4	5	2	10	600	1	53	40	39	-	1	2.3			
	Boscombe Down	417	27.1	-0.2	SE	4	42	85	37	6	2	-	10	10	4000	01.4	-24	SE	5	RR	43	97	43	5	-	2	10	10	300	1	47	41	39	0.2	1	0.7			
	Thorney Island	10	28.1	-0.6	EN	3	41	92	38	6	5	1	-	7-8	10	4000	02.3	-28	ESE	3	rr	42	97	42	4	5	-	10	10	800	1	49	40	36	Tr	1.3			
	Lympe	346	12.5	-18	ESE	3	40	75	34	6	3	-	0	9	-	06.8	-26	SE	3	rr	40	85	35	6	7	-	0	10	-	1	84	47	39	36	-	Tr	6.3		
	Manston	154	12.0	-18	SES	2	37	85	34	4	-	3	-	0	9+	-	06.2	-26	SES	3	rr	37	92	35	4	5	2	10	1200	1	46	36	32	-	05	5.4			
2	Shoeburyness	11	12.3	-18	SE	4	38	85	34	4	-	7	-	0	10	-	06.6	-20	ESE	3	ir	36	92	35	5	6	2	10	1500	1	43	35	34	-	1	3.7			
	Felixstowe	15	13.3	-8	SE'S	4	37	85	33	6	5	-	9+	9+	1500	03.0	-30	SE	4	rr	36	92	33	5	5	2	10	10	4000	0	43	36	33	-	0.3	5.0			
	Gorleston	5	10.3	-22	ESE	5	38	85	34	5	5	-	4.6	4.6	4000	05.9	-24	ESE	4	rr	38	85	34	4	5	-	10	10	1500	1	51	36	33	-	0.3	4.2			
	Mildenhall	19	10.4	-22	SE'E	4	37	85	34	4	-	3	-	0	9+	-	06.1	-20	E'S	4	rr	36	92	33	4	5	7	10	4000	1	48	36	35	Tr	Tr	1.2			
3	Birmingham	535	30.0	-0.2	SSE	1	40	85	36	5	5	-	10	10	1500	03.1	-20	ESE	3	rr	37	97	36	3	6	-	10	10	800	1	50	37	36	1	4	1.5			
	Upper Heyford	408	28.0	-0.8	SSE	1	40	85	36	5	5	-	10	10	1500	03.2	-18	ESE	4	rr	38	97	37	4	6	2	10	10	800	1	50	38	38	Tr	1	1			
4	Ross-on-Wye	223	30.0	-0.2	SSE	1	40	85	36	5	5	-	10	10	1500	01.0	-16	E	2	rr	41	97	40	4	6	-	10	10	500	1	50	41	40	0.1	2	1.2			
5	Hartland Point	299	30.0	-0.4	SE	3	47	92	45	7	5	2	-	7-8	10	1500	03.8	+8	SW	3	rr	46	97	45	6	5	-	10	10	800	1	49	45	45	5	9	0.5		
	Bristol	209	29.7	-0.3	SSE	2	44	92	41	6	5	-	10	10	1000	01.5	-16	SE	2	rr	42	97	42	6	5	2	10	10	500	1	48	42	41	0.2	3	0.2			
	Portland Bill	32	29.0	-0.6	E	3	44	92	42	7	5	-	10	10	2500	01.1	-12	E	3	rr	43	97	41	7	5	-	10	10	2500	1	46	41	41	2	8	0			
	Plymouth	82	29.4	-0.4	SE	3	46	97	46	4	6	-	10	10	300	03.8	-2	S	2	rr	47	97	47	4	6	2	10	10	400	1	46	46	44	17	20	0.0			
	The Lizard	240	29.3	-0.6	S	2	47	97	47	2	5	-	10	10	400	00.1	+2	NW	2	rr	47	97	47	2	5	-	10	10	400	1	47	46	46	15	25	0.0			
	Scilly (St. Mary's)	163	29.4	-10	SWW	2	49	97	49	1	-	-	10	10	150	00.1	+8	NW	4	c	48	97	48	6	5	7	10	1500	1	49	48	48	6	7	0.0				
	Guernsey	175	30.0	-0.2	SSE	1	40	85	36	5	5	-	10	10	1500	03.1	-20	ESE	3	rr	37	97	36	3	6	-	10	10	800	1	50	37	36	1	4	1.5			
6	Pembroke	142	29.2	-18	SE	6	45	97	45	6	6	-	10	10	1500	03.3	0	E	2	rr	44	97	44	5	8	-	10	10	1500	1	46	36	36	10	14	0.0			
7	Holyhead	26	29.4	-18	SE	5	47	85	42	7	5	7	-	7-8	10	2500	08.9	-2	SE	2	rr	45	92	43	5	5	-	10	10	1500	1	49	44	43	2	4	0.1		
	Chester (Sealand)	16	29.2	-22	SSE	5	44	85	39	4	5	2	-	2-3	9+	2000	02.4	-10	SSE	3	rr	40	85	37	4	2	-	10	10	1800	1	47	40	38	1	0.5	0.1		
8	Manchester	235	29.0	-20	E	3	42	85	38	5	5	3	-	9	10	4000	02.8	-22	E	3	rr	39	85	35	5	5	2	10	10	3000	1	48	38	38	0.3	1	0.1		
10	Spurn Head	29	29.7	-22	SE	6	42	92	33	5	5	7	-	7-8	9	1500	07.6	-22	ESE	6	rr	36	92	35	5	5	7	10	1500	0	43	36	32	-	Tr	2.0			
	Catterick	175	29.6	-16	SSE	2	47	97	35	5	5	-	10	10	1200	07.0	-20	SE	2	m	37	85	32	4	5	7	10	1800	1	38	36	32	-	Tr	0.0				
	Tynemouth	108	29.2	-12	SSE	6	39	92	36	5	2	-	3	9	1500	08.8	-20	SE	6	rr	39	92	36	5	2	-	10	10	1500	1	39	38	36	-	-	0			
11	St. Abbs Head	280	29.7	-10	SE	7	43	92	36	5	5	2	-	9	10	800	07.6	-10	SE	7	rr	38	92	36	5	5	2	10	10	800	1	43	37	37	-	Tr	0.3		
	Leuchars	36	29.4	-10	SE	6	43	92	37	5	5	-	10	10	1100	08.1	-8	ESE	7	rr	38	92	36	5	5	-	10	10	700	1	40	37	37	-	Tr	0.3			
12	Retfrew (Abbots L.)	19	29.1	-18	ESE	3	42	85	37	4	5	-	10	10	1500	03.4	-10	E	4	m	41	85	35	4	5	2	10	10	1800	1	46	40	38	-	1	2.1			
	Eskdalemuir	794	29.0	-18	ESE	3	42	85	37	4	5	-	10	10	1500	04.5	-18	ESE	3	c	36	75	29	5	5	-	10	10	1800	6	40	35	34	-	1	5.7			
	Point of Ayre	30	29.3	-10	SSE	6	43	92	41	4	6	2	-	7-8	10	1500	00.0	-16	S	6	rr	41	92	39	5	6	2	10	1500	1	43	41	41	4	3	0.0			
13A	Tiree	22	29.4	-14	SE	6	43	97	36	6	5	-	10	10	1200	08.5	-6	SE	5	rr	43	97	43	6	5	2	10	10	800	1	47	42	42	2	7	0.0			
13B	Stornoway	80	29.0	-10	ESE	7	45	92	43	7	5	7	-	7-8	9+	1500	02.5	0	E	7	pr	45	85	43	7	5	7	10	9+	1500	1	45	43	43	Tr	3	0.5		
15	Dalwhinnie	1176	29.0	-10	ESE	7	45	92	43	7	5	7	-	7-8	9+	1500	03.4	-28	SE	8	id	35	85	32	5	5	7	10	4.6	3	1500	4	35	33	32	-	7	0.0	
	Aberdeen	79	29.0	-10	ESE	7	45	92	43	7	5	7	-	7-8	9+	1500	03.4	-28	SE	8	id	35	85	32	5	5	7	10	4.6	3	1500	4	35	33	32	-	7	0.0	
	Wick	119	29.2	-12	SE	7	43	92	36	6	5	-	10	10	1200	08.5	-6	SE	5	rr	43	97	43	6	5	2	10	10	800	1	47	42	42	2	7	0.0			
16	Sumburgh	30	29.2	-8	SE'S	6	43	92	36	6	5	-	10	10	1200	08.5	-6	SE	5	rr	43	97	43	6	5	2	10	10	800	1	47	42	42						

## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

OBSERVATIONS at 13h. G.M.T. 4th March															OBSERVATIONS at 18h. G.M.T. 4th March															PAST 24 HOURS.								
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (5)	Humid. (6)	Dew Point. (7)	Visibility. (8)	Cloud.			Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. (21)	Humid. (22)	Dew Point. (23)	Visibility. (24)	Cloud.			State of Ground. (31)	Sea. (32)	WEATHER.										
				Dirce. (3)	Force. (4)						Low. (10)	Med. (11)	High. (12)			Low. (25)	Med. (26)						High. (27)	Low. (28)	Total (29)			Height of Base (feet) (30)	Form. (13)	Amount. (14)	Height of Base (feet) (30)	Form. (25)	Amount. (26)	Height of Base (feet) (30)	7h.-13h.	13h.-18h.	18h. 4th to 1h. 5th.	1h.-7h. 5th.
																																			(39)	(40)	(41)	(42)
1	London (Kew)	99.6	-16	ENE	2	lofo	42	92	41	4	6	2	-	9	10	1500	01.2	+14	WNW	2	m	42	92	40	4	5	-	-	10	10	2500	1	*	rrfom	odfgcm	cmcm	cm	
	Croydon	99.3	-22	SE	3	dofo	41	97	41	5	6	2	-	9	10	700	00.8	+10	WNW	2	of-	41	97	40	2	5	-	-	10	10	500	1	*	cmto	rf	cm	cm	
	S. Farnborough	99.8	-10	NNE	2	do	42	97	41	5	5	2	-	10	10	300	01.7	+14	NNW	3	zo	43	92	41	5	5	-	-	10	10	300	1	*	clfmo	oddcmo	cm	cm	
	Boscombe Down	00.5	-20	NW	2	r	44	97	43	6	5	2	-	10	10	700	02.6	+10	WNW	2	zo	44	92	42	5	5	-	-	10	10	800	1	*	cmfm	clfmo	cm	cm	
	Thorney Island	99.2	-4	NE	1	tofo	44	97	44	5	4	2	-	10	10	800	01.1	+14	NNW	3	zo	45	92	43	6	5	4	2	-	1	7.8	1500	1	*	cm, r	fofocmo	cm	cm
	Lympe	00.7	-30	ESE	3	tofo	39	97	39	3	2	2	-	10	10	1500	00.3	+6	WNW	4	o/p	41	97	41	4	5	-	-	10	10	100	1	5	cm, r	fofocmo	cm	cm	
	Manston	00.7	-30	SE	4	tofo	37	97	36	4	6	2	-	9	10	400	03.2	+4	W	1	df	38	97	38	2	-	-	-	10	10	1500	1	*	fofocmo	fofocmo	cm	cm	

DISTRICTS.		FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 5th February	
1	S.E. England	Moderate east to southeast wind, strong locally on coasts; dull; occasional snow, some clear intervals later; very cold; frost day and night.	16 Orkneys and Shetlands As 7-12
2	E. England		17 N. W. Ireland Variable winds becoming east to southeast moderate or fresh strong locally on coasts; dull, some snow; cold.
3	E. Midlands		18 N. E. Ireland fresh strong locally on coasts; dull, some snow; cold.
4	W. Midlands		19 S. E. Ireland frost day and night.
5	S.W. England	Variable winds becoming east moderate; strong locally on coasts; dull; occasional sleet or snow; becoming very cold with frost day and night.	20 S. W. Ireland
6	South Wales		
7	North Wales	Moderate or fresh east to southeast wind, strong on coasts; gale locally; dull; occasional snow; some clear intervals later; very cold; frost day and night.	
8	N.W. England		
9	N. Midlands		
10	N.E. England		
11	S.E. Scotland		
12	S.W. Scotland & Isle of Man		
13A	W. Scotland	Moderate or fresh southeast to east wind, strong on coasts, gale locally; clear intervals; local snow showers; very cold; frost day and night.	
13B	N.W. Scotland		
14	Mid Scotland		
15	N.E. Scotland	As 7-12	

**GENERAL INFERENCE**

An anticyclone over Scandinavia is spreading south and west and an occlusion extending from Northwest Ireland to Southwest England is moving slowly southwest. Weather will be very cold with occasional snow.

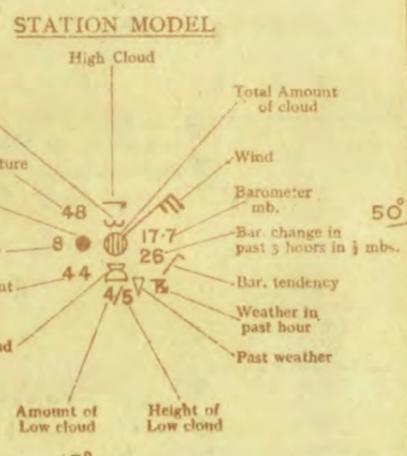
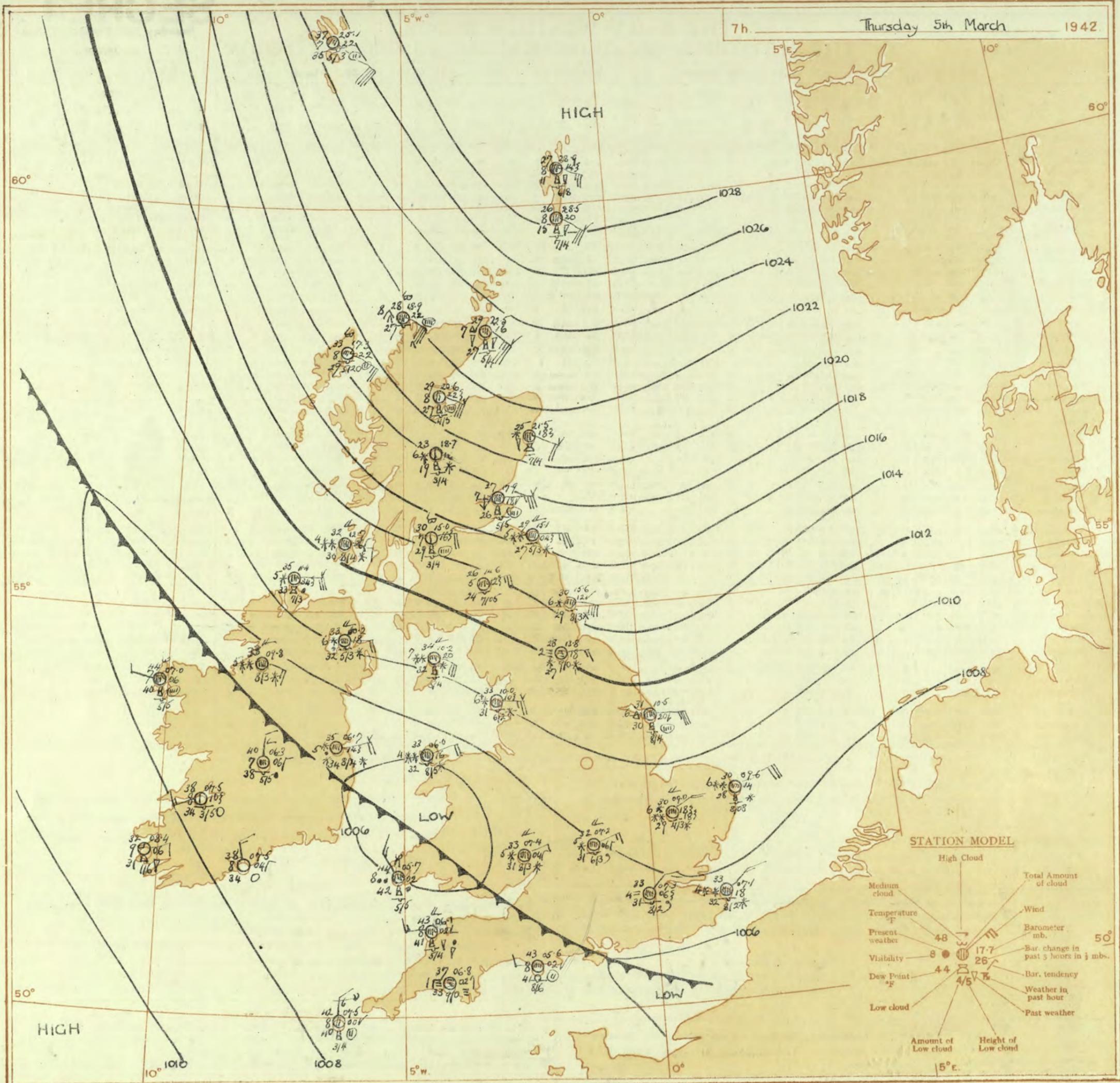
**FURTHER OUTLOOK**

Cold for some days, possibly a week. Frost day and night at first but day temperatures probably rising above freezing point later; snow locally more particularly near the east coast and in the southwest.   
 ▼ Snow cone flying in districts 7, 8, 12, 13A, 13B, 14, 15, 16.

Forecasts issued at 10.30h.

N. K. JOHNSON, D.Sc. A.R.C.S., Director.  
 Meteorological Office, Air Ministry, Kingsway, London, W.C.2

7h Thursday 5th March 1942







## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

OBSERVATIONS at 13h. G.M.T. 5th. March															OBSERVATIONS at 18h. G.M.T. 5th. March															PAST 24 HOURS.							
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	°C. (7)	Dew Point. °F. (8)	°C. (9)	Cloud.			Barom. at M.S.L. mb. (16)	Change in 3 hours. (17)	Wind.		Weather. (20)	Temp. °F. (21)	°C. (22)	Dew Point. °F. (23)	°C. (24)	Cloud.			State of Ground. 0-9 (31)	Sea. 0-9 (32)	WEATHER.									
				Dirac. (3)	Force. (4)						Form. (10)	Amount. (11)	Height of Base (feet) (12)			Form. (25)	Amount. (26)						Height of Base (feet) (27)	7h.-13h. (39)	13h.-18h. (40)			18h. to 1h. (41)	1h.-7h. (42)								
																														Low. (13)	Med. (14)	High. (15)	Low. (28)	Med. (29)	High. (30)		
1	London (Kew)	09.6	+14	ENE	4	SoSo	32	85	28	5	6	2	10	10	1500	10.7	+4	ENE	4	So	21	85	26	5	5	-	-	10	10	1500	4	*	hoSoSfSo	ciSoSo	ciSoSo	cm	cm
	Croydon	10.2	+10	ENE	3	SoSo	30	87	30	4	6	2	10	10	600	10.3	+2	ENE	3	So	29	82	27	5	5	-	-	10	10	500	8	*	cmSoSo	cmSoSo	cm	cm	
	S. Farnborough	09.5	+10	E	2	SoSo	33	92	31	4	4	-	10	10	600	10.4	+3	ENE	3	So	30	85	28	5	5	-	-	10	10	1100	1	*	cmSoSfSo	cmSoSfSo	cm	cm	
	Boscombe Down	08.8	+6	ESE	3	SoSo	24	87	33	4	2	-	10	10	200	09.7	+8	E	4	So	30	87	30	5	5	2	-	7.8	10	300	4	*	fisfidm	OdSoSo	cm	cm	
	Thorney Island	09.7	+8	ESE	3	SoSo	27	86	33	4	2	-	10	10	300	09.4	+8	E'N	2	So	33	82	31	6	6	-	-	7.8	10	800	1	*	cmSoSfSo	cmSoSfSo	cm	cm	
	Lynupne	10.6	+10	ENE	3	SoSo	31	86	28	5	5	-	10	10	700	11.2	+2	NE	2	So	30	82	28	6	6	-	-	10	10	700	1	3	cmSoCmo	cm	cm	cm	
	Manston	09.8	+8	NE'E	4	SoSo	31	85	28	6	5	-	10	10	800	10.4	+4	ENE	3	So	30	87	29	5	5	-	-	10	10	800	1	*	moSmo	SoSoCmo	cm	cm	
2	Shoeburyness	11.2	+8	ENE	4	SoSo	31	82	29	7	6	2	10	10	600	11.3	+2	ENE	4	C	31	82	29	7	5	-	-	10	10	800	4	*	fioSoOCSo	CSSoC	cm	cm	
	Felixstowe	11.1	+22	ENE	5	SoSo	29	82	27	6	5	-	10	10	1000	11.9	+6	E'N	5	So	29	85	25	6	5	-	-	10	10	1000	8	4	SoSoSohSo	SoSoSohSo	cm	cm	
	Gorleston	13.2	+16	ESE	6	SoSo	29	85	27	6	8	-	10	10	1200	13.5	+10	E'S	5	C	28	85	23	7	5	-	-	10	10	1800	3	6	CSQ	CSQ	cm	cm	
	Mildenhall	12.1	+14	E'N	5	SoSo	29	82	27	6	5	2	10	10	1400	12.4	+4	E'N	4	So	27	87	26	7	5	2	-	7.8	10	1400	7	*	OmSoSoOm	CSSoCSo	cm	cm	
	Cranwell	12.8	+10	ENE	4	SoSo	28	87	27	6	5	-	10	10	900	13.2	+6	ENE	4	SoSo	26	87	25	5	5	-	-	10	10	1200	8	*	CSSoC	CSSoC	cm	cm	
3	Birmingham	10.9	+14	E	3	SoSo	29	87	29	4	6	-	10	10	800	11.3	+2	E	3	SoSo	26	82	24	5	6	-	-	10	10	800	7	*	xSh	OSS	cm	cm	
	Upper Heyford	09.7	+10	NE'E	3	SoSo	29	87	29	5	2	-	10	10	700	10.5	+4	ENE	4	So	27	87	26	5	6	2	-	9.7	10	500	7	*	esShm	SSmSoMo	cm	cm	
	Ross-on-Wye	09.5	+10	E'N	3	SoSo	31	97	29	5	2	-	10	10	800	09.9	+4	ENE	3	So	29	82	27	5	2	-	-	10	10	800	7	*	OSmS	SMSoSo	cm	cm	
5	Hartland Point	06.6	+2	NSW	3	C	44	92	42	8	8	4	10	10	2000	06.2	+2	NE	2	C	44	87	42	8	8	5	4.6	7.8	1700	1	3	ebcap	ebcc	cm	cm		
	Bristol	08.0	+6	E	1	SoSo	24	87	33	4	2	-	10	10	400	08.8	+6	E	2	C	32	87	31	4	2	-	-	10	10	700	1	*	odSoSsm	cdodm	cm	cm	
	Portland Bill	08.5	+8	E	3	SoSo	20	82	38	7	5	-	10	10	2500	08.9	+4	E	4	C	39	85	36	7	5	-	-	10	10	2500	1	4	o	oc	cm	cm	
	Plymouth	07.0	+6	SWW	2	SoSo	48	79	41	8	2	-	10	10	2000	06.6	+6	W'N	3	C	48	85	47	7	8	-	-	7.8	7.8	3000	0	3	Fbepr	bc	cm	cm	
	The Lizard	07.8	+4	SWW	2	SoSo	51	78	43	8	2	6	10	10	2500	06.7	+6	WNW	3	bc	48	75	41	8	8	6	-	4.6	4.6	2500	0	3	bc	bc	cm	cm	
	Suilly (St. Mary's)	08.1	0	NNW	2	bc	52	68	41	8	8	4	10	10	1800	07.0	0	NNW	1	C	47	75	38	8	8	6	5	4.6	7.8	1500	3	3	bc	bcc	cm	cm	
	Guernsey	06.2	0	NS	4	C	43	85	39	7	8	-	10	10	2500	05.3	+2	SW	2	C	41	85	39	7	8	-	-	5	5	2500	1	3	C	C	cm	cm	
6	Pembroke	08.0	+10	E'NE	5	SoSo	33	85	30	6	5	2	10	10	1000	08.6	+2	E'N	5	So	30	82	29	5	5	2	-	10	10	800	8	8	oSoSfSo	SoSmo	cm	cm	
	Holyhead	11.5	+10	E	4	SoSo	31	85	27	5	2	-	10	10	1400	11.8	+6	E	2	So	29	82	27	4	2	-	-	10	10	1200	7	*	SoSomm	SoSfm	cm	cm	
	Chester (Sealand)	12.1	+8	E'N	4	SoSo	30	85	25	6	6	2	10	10	1500	12.1	+8	E'N	5	So	29	82	24	6	6	2	-	7.8	10	900	4	*	SoSo	CSSo	cm	cm	
8	Manchester	12.1	+8	E'N	4	SoSo	30	85	25	6	6	2	10	10	1500	12.1	+8	E'N	5	So	29	82	24	6	6	2	-	7.8	10	900	4	*	SoSo	CSSo	cm	cm	
10	Spurn Head	13.3	+20	E	6	SoSo	29	82	26	6	8	-	10	10	1500	13.3	+6	E	5	SoSo	29	87	27	5	8	-	-	10	10	1500	8	5	oSo	OmSS	cm	cm	
	Catterick	15.9	+6	ENE	3	SoSo	28	85	24	5	2	-	10	10	800	16.5	+2	E'S	2	So	26	85	22	5	6	2	-	7.8	10	800	9	*	oSoSmo	CSSoMo	cm	cm	
	Tynemouth	18.3	+6	E	8	SoSo	28	82	26	6	6	-	10	10	1200	18.4	+6	E	8	So	28	82	26	5	6	-	-	10	10	1000	4	6	ois	ois	cm	cm	
11	St. Abbs Head	18.7	+18	ENE	7	SoSo	28	82	26	6	6	2	10	10	1000	18.3	+6	ESE	7	SoSo	28	85	24	5	5	2	-	9.7	10	1000	7	6	moSoSo	CymSoSo	cm	cm	
	Leuchars	21.0	+14	ENE	6	SoSo	29	85	26	6	9	-	10	10	1000	21.0	+4	E	7	ps	28	85	25	4	9	-	-	10	10	800	8	*	SoSps	cmocps	cm	cm	
	Reufrow (Abbots I.)	17.6	+6	E	5	ps	32	75	24	7	8	-	10	10	400	18.5	+2	E	5	So	29	75	21	6	1	-	-	4.6	10	1600	4	*	bccps	cmSoS	cm	cm	
	Ekdalemuir	17.3	+6	E	6	ps	27	85	24	5	8	-	10	10	700	17.2	+4	E'N	5	ps	23	87	21	6	5	-	-	9.7	9.7	800	5	*	cpSo	CSps	cm	cm	
	Point of Ayre	13.2	+10	ESE	5	SoSo	30	87	29	6	6	2	10	10	800	13.3	+2	SE'E	5	So	30	85	27	5	6	2	-	9	10	800	7	*	SSSS	SSSS	cm	cm	
13A	Tiree	16.0	+20	E'S	5	bc	34	85	32	8	5	-	10	10	2800	16.1	+6	E'N	4	bc	31	85	22	8	8	-	-	4.6	4.6	2500	3	7	bc	bc	cm	cm	
	Stornoway	23.3	+20	ESE	7	C	33	85	32	9	1	-	10	10	3000	24.3	+6	ESE	7	C	32	87	32	8	8	7	-	4.6	7.8	2500	1	4	C	C	cm	cm	
	Dalwhinnie	21.5	+16	SE	4	bc	26	85	23	7	8	4	10	10	1600	22.7	+14	SE	3	bc	21	85	18	7	5	-	-	2.3	2.3	2500	4	*	bcSo	bcSo	cm	cm	
	Aberdeen	24.0	+10	E	6	ps	28	85	26	7	9	4	10	10	1800	24.4	+7	E'S	5	ps	27	85	21	6	9	-	-	10	10	1800	8	5	cpSo	cpSo	cm	cm	
	Wick	20.2	+12	E'S	4	ps	26	87	26	1	9	-	10	10	100	26.9	+8	E	6	ps	28	85	24	7	2	-	-	9	9	2000	8	*	psps	psps	cm	cm	
	Sumburgh</																																				

7h. Friday 6th March 1942.

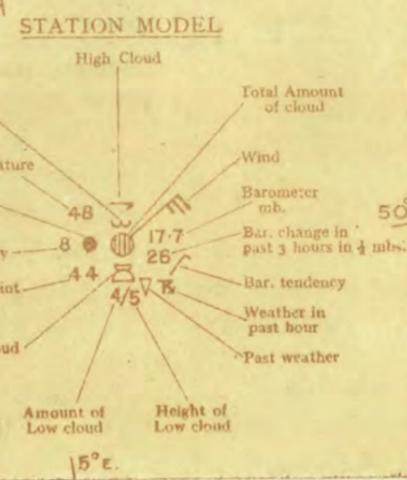
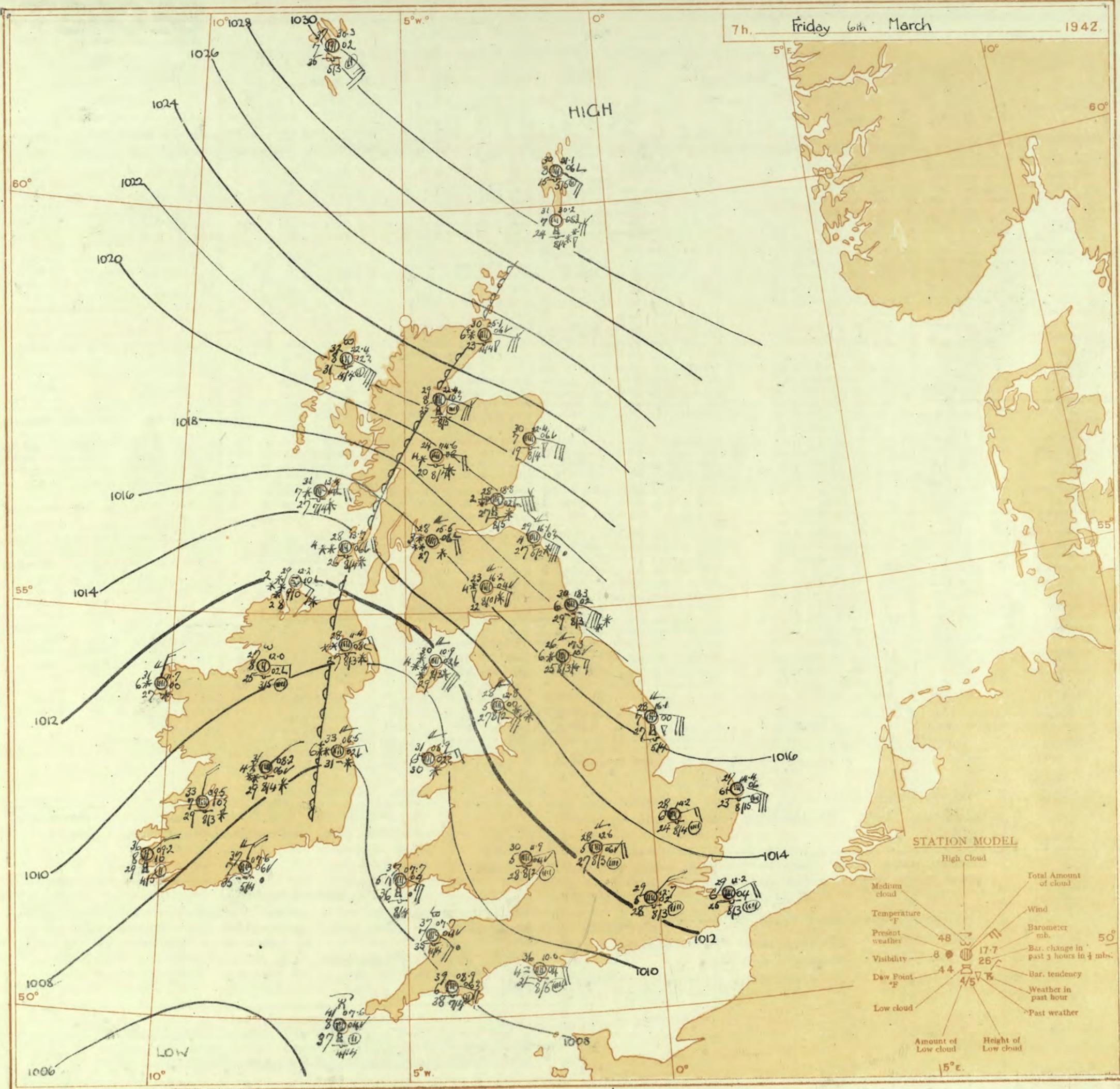
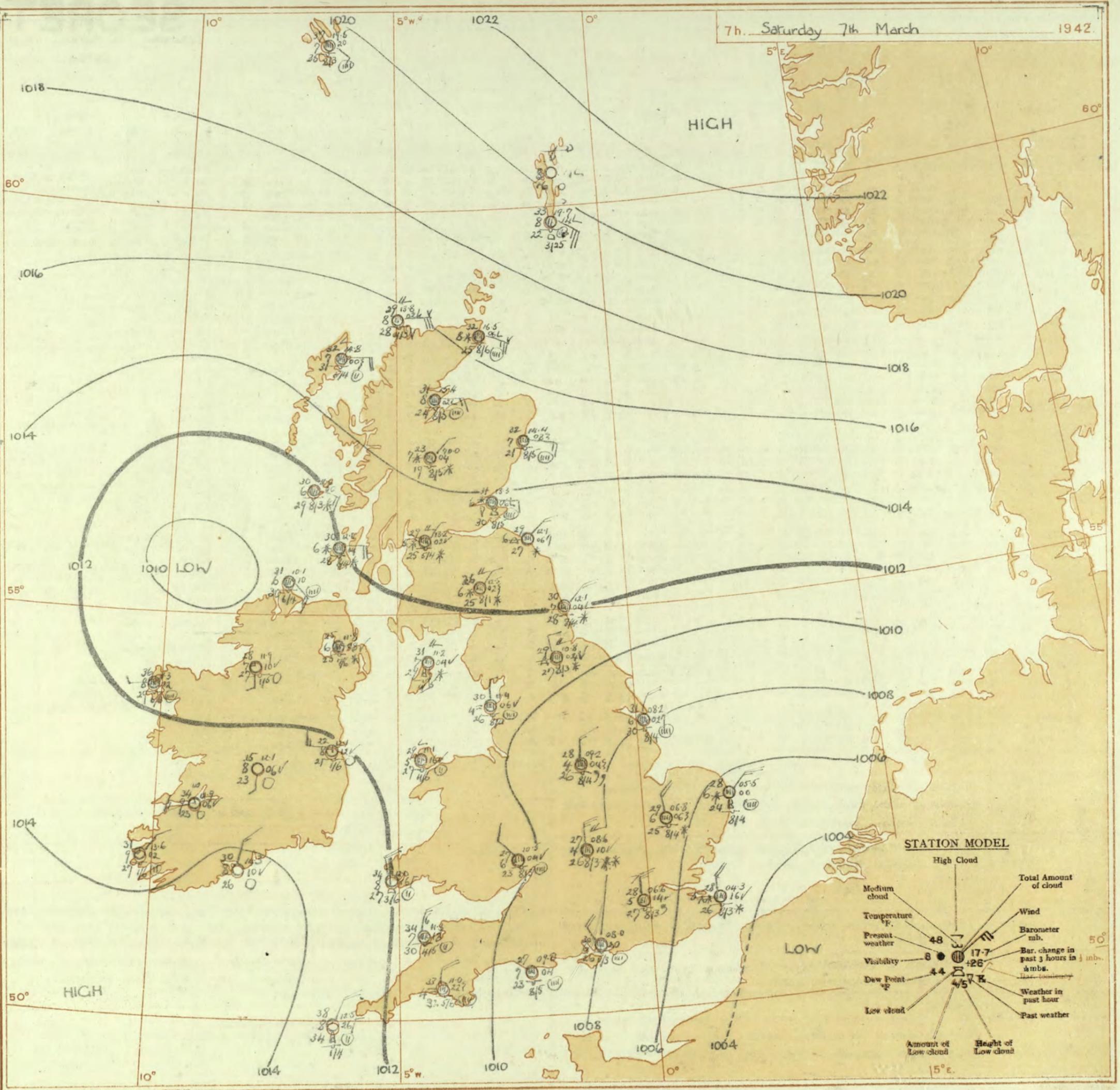






Table with columns for Observations at 13h. G.M.T. and 18h. G.M.T. on 6th March, and Past 24 Hours. Includes station names, barometric pressure, wind direction and force, temperature, humidity, cloud cover, and weather conditions.

Table with columns for Districts and Forecasts for the 24 hours commencing 12 noon, G.M.T. Saturday 7th March. Includes general inference and further outlook sections.





OBSERVATIONS at 1 hr. G.M.T. 7th March

OBSERVATIONS at 7 hr. G.M.T. 7th March

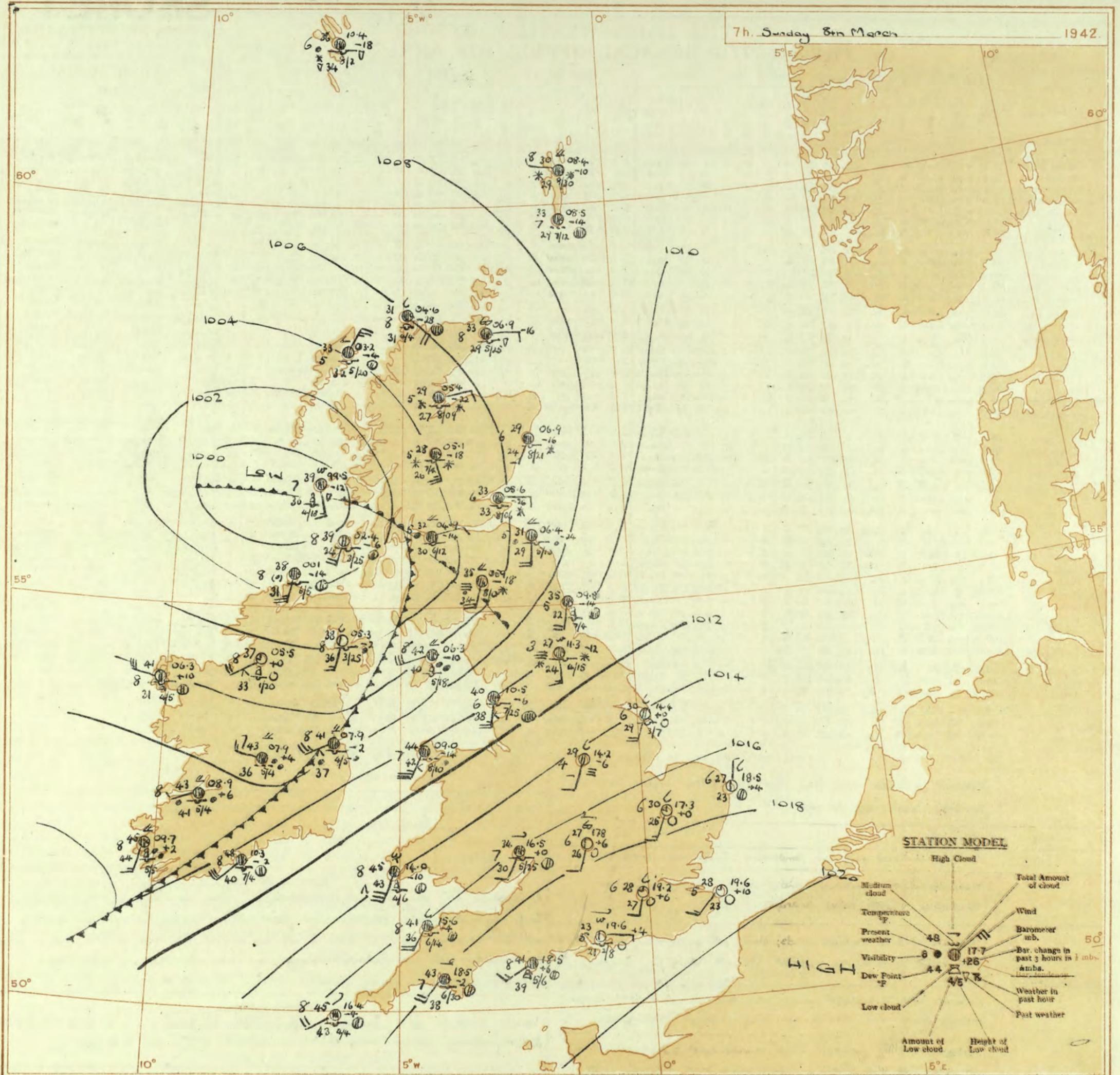
PAST 24 HOURS.

District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (6)	Humid. (7)	Dew Point. (8)	Visibility. (9)	Cloud.			Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. (21)	Humid. (22)	Dew Point. (23)	Visibility. (24)	Cloud.			State of Group. (31)	Sea. (32)	TEMPERATURE.			RAINFALL.		SUNSHINE Gth Hrs. (38)
					Dirac. (3)	Force. (4)						Form. (11)	Amount. (12)	Height of Base. (15)			Dirac. (18)	Force. (19)						Form. (25)	Amount. (26)	Height of Base. (29)			Max. Day 7h-18h (33)	Min. Night 18h-7h (34)	Min. on Grass (35)	Day 7h-18h (36)	Night 18h-7h (37)	
1	London (Kew)	18	30.0	-0.1	Z	4	bc	27	85	27	5	-	-	30.0	+0.1	Z	4	bc	27	85	27	5	-	-	-	-	-	31	25	25	Tr	Tr	0.0	
	Croydon	217	29.8	-0.2	Z	4	bc	27	87	27	5	-	-	29.8	+0.1	Z	4	bc	28	87	27	5	-	-	-	-	-	30	25	25	Tr	Tr	0.0	
	S. Farnborough	226	29.7	-0.2	Z	4	bc	27	92	25	5	-	-	29.7	+0.1	Z	4	bc	23	92	27	5	-	-	-	-	-	31	24	24	Tr	Tr	0.0	
	Boscombe Down	417	29.7	-0.2	Z	4	bc	25	87	24	5	-	-	29.7	+0.1	Z	4	bc	23	87	27	5	-	-	-	-	-	30	23	24	Tr	Tr	0.0	
	Thorney Island	10	30.4	-0.1	Z	4	bc	27	85	24	5	-	-	30.4	+0.1	Z	4	bc	27	85	25	5	-	-	-	-	-	30	23	24	Tr	Tr	0.0	
	Lyrapne	346	29.4	-0.1	Z	4	bc	29	92	27	5	-	-	29.4	+0.1	Z	4	bc	27	92	28	5	-	-	-	-	-	30	25	24	Tr	Tr	0.0	
	Manston	154	29.4	-0.1	Z	4	bc	29	92	27	5	-	-	29.4	+0.1	Z	4	bc	27	92	28	5	-	-	-	-	-	30	27	26	Tr	Tr	0.0	
2	Shoeburyness	11	30.2	-0.1	Z	4	bc	28	92	25	5	-	-	30.2	+0.1	Z	4	bc	28	92	26	5	-	-	-	-	-	31	27	27	0.1	Tr	0.0	
	Felixstowe	15	30.1	-0.1	Z	4	bc	28	85	24	5	-	-	30.1	+0.1	Z	4	bc	28	85	24	5	-	-	-	-	-	27	27	27	0.1	Tr	0.0	
	Gorleston	5	30.1	-0.1	Z	4	bc	28	85	24	5	-	-	30.1	+0.1	Z	4	bc	28	85	24	5	-	-	-	-	-	29	26	25	Tr	Tr	0.0	
	Mildenhall	19	30.0	-0.1	Z	4	bc	27	85	25	5	-	-	30.0	+0.1	Z	4	bc	29	85	25	5	-	-	-	-	-	29	25	24	Tr	Tr	0.0	
	Cranwell	240	29.6	-0.1	Z	4	bc	27	87	27	5	-	-	29.6	+0.1	Z	4	bc	29	87	28	5	-	-	-	-	-	27	25	25	Tr	Tr	0.0	
3	Birmingham	535	30.5	-0.2	Z	4	bc	26	87	26	5	-	-	30.5	+0.1	Z	4	bc	26	87	24	5	-	-	-	-	-	27	24	24	Tr	Tr	0.0	
	Upper Heyford	408	30.5	-0.2	Z	4	bc	26	87	26	5	-	-	30.5	+0.1	Z	4	bc	27	87	27	5	-	-	-	-	-	28	24	24	Tr	Tr	0.0	
4	Rosa-on-Wye	223	30.5	-0.2	Z	4	bc	26	85	25	5	-	-	30.5	+0.1	Z	4	bc	27	85	25	5	-	-	-	-	-	31	25	25	Tr	Tr	0.0	
5	Hartland Point	299	30.4	+0.4	Z	3	bc	32	92	28	5	-	-	30.4	+0.8	Z	3	bc	34	85	30	7	5	4	-	-	-	40	31	30	-	-	5.7	
	Bristol	209	30.3	+0.4	Z	3	bc	25	87	28	5	-	-	30.3	+0.6	Z	3	bc	27	87	26	4	5	2	-	-	-	32	25	25	-	-	0.0	
	Portland Bill	32	30.5	+0.0	Z	4	bc	27	85	23	5	-	-	30.5	+0.4	Z	4	bc	27	85	25	7	5	-	-	-	-	38	25	-	-	-	0.0	
	Plymouth	82	30.0	+0.0	Z	4	bc	33	82	30	5	-	-	30.0	+0.2	Z	4	bc	33	87	32	4	5	-	-	-	-	40	30	28	-	-	1.9	
	The Lizard	240	30.7	+0.0	Z	4	bc	39	82	30	5	-	-	30.7	+0.2	Z	4	bc	35	82	32	8	5	6	-	-	-	45	34	-	0.2	0.5	6.7	
	Scilly (St. Mary's)	163	30.1	+0.4	Z	4	bc	38	65	28	7	8	6	30.1	+0.6	Z	4	bc	38	65	28	8	8	-	-	-	-	49	46	-	-	-	5.8	
	Guernsey	175	30.1	+0.4	Z	4	bc	38	65	28	7	8	6	30.1	+0.6	Z	4	bc	38	65	28	8	8	-	-	-	-	-	-	-	-	-	-	
6	Pembroke	142	30.5	+0.2	Z	3	bc	32	87	31	5	-	-	30.5	+0.6	Z	3	bc	34	75	26	8	1	-	-	-	-	35	23	-	-	-	0.4	
7	Holyhead	26	30.3	+0.6	Z	3	bc	32	87	31	4	5	-	30.3	+0.6	Z	3	bc	29	92	26	5	5	-	-	-	-	42	28	22	Tr	0.6	0.0	
	Chester (Sealand)	16	30.3	+0.6	Z	3	bc	28	92	25	5	-	-	30.3	+0.6	Z	3	bc	28	92	28	4	5	-	-	-	-	30	27	29	Tr	Tr	0.0	
8	Manchester	235	30.0	-0.2	Z	3	bc	28	85	24	5	-	-	30.0	+0.6	Z	3	bc	29	85	25	5	5	-	-	-	-	30	26	26	Tr	Tr	0.0	
10	Spurn Head	29	30.4	+0.0	Z	4	bc	30	85	26	5	-	-	30.4	+0.2	Z	4	bc	31	87	30	6	5	-	-	-	-	29	27	27	Tr	Tr	0.0	
	Catterick	175	30.0	-0.1	Z	4	bc	28	85	24	5	-	-	30.0	+0.2	Z	4	bc	29	87	27	6	-	-	-	-	-	29	28	29	2	Tr	0.0	
	Tynemouth	108	30.8	-0.1	Z	4	bc	30	87	30	6	-	-	30.8	+0.4	Z	4	bc	30	92	25	7	6	-	-	-	-	31	23	27	2	Tr	0.0	
11	St. Abbs Head	280	30.3	-0.6	Z	3	bc	28	87	28	7	5	-	30.3	+0.6	Z	3	bc	29	87	27	6	5	-	-	-	-	29	27	-	0.4	Tr	0.0	
	Leuchars	36	30.7	-0.6	Z	3	bc	30	85	28	6	5	-	30.7	+0.6	Z	3	bc	31	87	30	6	5	-	-	-	-	30	28	27	0.2	Tr	0.0	
12	Rentrew (Abbots L.)	19	30.7	-0.2	Z	3	bc	30	85	24	6	5	-	30.7	+0.2	Z	3	bc	29	85	26	5	5	-	-	-	-	31	28	27	12	Tr	0.0	
	Eskdalemuir	794	30.0	+0.0	Z	3	bc	30	82	20	7	8	2	30.0	+0.2	Z	3	bc	26	87	23	6	-	-	-	-	27	25	24	0.1	Tr	0.0		
	Point of Ayre	30	30.0	+0.4	Z	3	bc	30	82	20	7	8	2	30.0	+0.2	Z	3	bc	31	92	29	7	8	-	-	-	-	29	29	-	Tr	Tr	0.0	
13A	Tiree	22	30.0	+0.0	Z	3	bc	30	87	30	4	-	-	30.0	+0.0	Z	3	bc	30	87	30	6	5	-	-	-	-	31	29	-	-	-	0.0	
13B	Stornoway	80	30.7	-0.0	Z	3	bc	31	87	30	7	5	-	30.7	+0.0	Z	3	bc	32	87	32	7	5	-	-	-	-	33	33	-	Tr	0.3	0.0	
15	Dalwhinnie	1176	30.0	+0.0	Z	3	bc	30	85	20	7	5	-	30.0	+0.4	Z	3	bc	23	85	20	7	5	-	-	-	-	28	22	22	1	0.5	0.3	
	Aberdeen	172	30.0	+0.0	Z	3	bc	30	85	20	7	5	-	30.0	+0.4	Z	3	bc	32	85	21	7	5	-	-	-	-	30	29	28	Tr	Tr	0.0	
	Wick	119	30.0	+0.0	Z	3	bc	31	85	25	7	5	-	30.0	+0.0	Z	3	bc	32	85	25	8	5	-	-	-	-	31	30	28	1	Tr	0.0	
16	Sumburgh	30	30.0	+0.0	Z	3	bc	33	85	27	8	-	-	30.0	+0.4	Z	3	bc	33	85	24	8	7	-	-	-	-	33	31	30	Tr	Tr	2.8	
17	Blackod Point	18	30.0	+0.0	Z	3	bc	35	75	28	8	-	-	30.0	+0.2	Z	3	bc	36	75	28	8	5	-	-	-	-	38	33	-	1	0.2	0.0	
18	Malin Head	84	30.1	+0.0	Z	3	bc	32	87	31	4	3	-	30.1	+0.0	Z	3	bc	31	87	30	6	5	-	-	-	-	35	28	-	5	4	0.0	
	Aldergrove	268	30.3	+0.0	Z	3	bc	29	87	28	6	-	-	30.3	+0.8	Z	3	bc	28	92	22	6	5	-	-	-	-	33	23	6	5	Tr	0.0	
19	Birr Castle	173	30.0	+0.0	Z	3	bc	30	85	26	8	5	-	30.0	+0.6	Z	3	bc	25	82	23	8	-	-	-	-	-	36	28	19				

OBSERVATIONS at 13h. G.M.T. 7th March															OBSERVATIONS at 18h. G.M.T. 7th March															PAST 24 HOURS.											
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)	° Humid. (7)	Dew Point. °F. (8)	Visiblity. (9)	Cloud. (10) (11) (12) (13) (14) (15)				Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind. (18) (19)		Weather. (20)	Temp. °F. (21)	° Humid. (22)	Dew Point. °F. (23)	Visiblity. (24)	Cloud. (25) (26) (27) (28) (29) (30)				State of Ground. (31)	Sea. (32)	WEATHER. (39) (40) (41) (42)											
				Dir.	Force.						Form.	Amount.	Height of Base (feet)	Dir.			Force.	Form.						Amount.	Height of Base (feet)	7h.—13h. 7th	13h.—18h. 7th			18h.— 1h. 8th	1h.—7h. 8th										
				0-12	0-12						Low.	Med.	High	Low			Total	0-10						0-10	Low	Total	0-10			0-10	0-9	0-9									
1	London (Kew)	11.3	+22	NW	3	N	33	85	29	5	5	10	10	2500	15.3	+24	NW	2	Z	35	75	27	5	5	10	10	2500	1	3	2-3	4-6	2500	1	3	cm	bcz	bcz	bcz	bcz		
	Croydon	10.8	+26	NW	4	N	31	86	28	5	5	10	10	1000	14.8	+22	NW	3	Z	34	75	29	4	5	10	10	900	8	3	10	10	900	8	3	cm	cm	cm	cm	cm		
	S. Farnborough	11.4	+16	NW	3	N	33	85	28	6	5	10	10	1000	15.4	+24	NW	2	Z	33	75	26	6	5	10	10	900	1	3	0	2-3	900	1	3	cm	cm	cm	cm	cm		
	Boscombe Down	12.5	+16	NNW	4	N	33	82	31	6	5	7-8	7-8	1500	16.0	+18	NW	3	Z	35	75	28	6	5	10	10	1000	1	3	0	1	1000	1	3	cm	cm	cm	cm	cm		
	Thorney Island	11.3	+18	N	4	N	36	68	25	6	7	4-6	7-8	2500	15.6	+26	NW	3	Z	36	75	28	6	5	10	10	700	1	3	0	7-8	700	1	3	cm	cm	cm	cm	cm		
	Lynupne	10.1	+26	NW	4	N	31	82	25	6	5	10	10	700	15.0	+32	NW	4	Z	31	82	30	6	5	10	10	700	4	3	10	10	700	4	3	cm	cm	cm	cm	cm		
	Manston	08.7	+24	NNW	4	N	31	85	28	6	5	10	10	800	13.5	+30	NNW	5	Z	32	85	28	6	5	10	10	800	3	3	10	10	800	3	3	cm	cm	cm	cm	cm		
2	Shoeburyness	10.1	+26	NW	4	C	32	85	27	6	5	10	10	1100	14.1	+20	NNW	3	C	33	75	27	6	5	10	10	1200	3	3	10	10	1200	3	3	m	is	is	is	is		
	Felixstowe	08.5	+22	NNW	5	N	31	85	28	6	5	10	10	800	13.0	+28	NNW	4	Z	32	85	29	6	5	10	10	1200	8	3	10	10	1200	8	3	cm	cm	cm	cm	cm		
	Gorleston	09.9	+24	NE	4	N	31	85	28	6	5	10	10	1200	12.0	+4	NNW	3	Z	33	85	29	6	5	10	10	1200	4	3	10	10	1200	4	3	cm	cm	cm	cm	cm		
	Mildenhall	09.0	+22	NNW	5	N	31	85	28	6	5	10	10	1000	13.6	+24	NW	4	Z	33	75	28	6	5	10	10	900	8	3	10	10	900	8	3	cm	cm	cm	cm	cm		
	Cranwell	10.4	+14	NW	4	N	32	82	29	6	5	10	10	1000	13.4	+14	NW	4	Z	32	75	26	6	5	10	10	2000	8	3	2-3	4-6	2000	8	3	cm	cm	cm	cm	cm		
3	Birmingham	12.1	+10	NW	4	N	32	85	28	4	5	10	10	1500	14.3	+12	W	2	Z	34	75	27	5	5	10	10	1500	8	3	0	0	1500	8	3	cm	cm	cm	cm	cm		
	Upper Heyford	11.4	+14	NW	4	N	31	85	28	4	5	10	10	600	15.1	+26	W'S	2	Z	32	75	25	5	5	10	10	600	8	3	0	4-6	600	8	3	cm	cm	cm	cm	cm		
4	Ross-on-Wyo	12.9	+8	NNW	3	N	34	75	27	6	5	1	1	3000	15.7	+16	S'W	1	Z	36	75	28	6	5	1	1	3000	1	3	0	0	3000	1	3	cm	cm	cm	cm	cm		
5	Hartland Point	14.5	+14	N	3	N	38	65	26	8	1	4-6	4-6	3000	16.7	+18	NW	3	b	39	65	28	9	1	4-6	4-6	3000	1	4	0	0	3000	1	4	cm	cm	cm	cm	cm		
	Bristol	13.4	+10	NW	4	N	38	65	28	7	1	4-6	4-6	2500	16.1	+18	NW	3	b	36	75	29	6	1	4-6	4-6	2500	1	3	0	0	2500	1	3	cm	cm	cm	cm	cm		
	Portland Bill	12.2	+6	NNW	4	N	37	85	34	8	2	4-6	4-6	4000	16.1	+18	NNW	3	bc	41	85	36	8	2	4-6	4-6	4000	1	3	0	0	4000	1	3	bc	bc	bc	bc	bc		
	Plymouth	14.5	+14	NNW	3	N	42	55	29	8	1	Tr	Tr	3000	17.6	+22	NW	4	b	41	65	29	8	1	0	0	3000	1	3	0	0	3000	1	3	bc	bc	bc	bc	bc		
	The Lizard	14.7	+14	NNW	4	N	43	35	29	8	2	2-3	2-3	2500	17.3	+10	NW	4	bc	44	65	32	8	4	2-3	2-3	2500	0	3	2-3	2-3	2500	0	3	bc	bc	bc	bc	bc		
	Soilly (St. Mary's)	16.3	+16	NNW	2	N	46	85	44	8	1	Tr	Tr	2500	17.1	+6	SW'W	2	b	43	55	29	8	1	0	0	2500	1	3	0	0	2500	1	3	b	by	b	b	b	b	
	Guernsey	15.1	+8	NW	3	N	41	75	32	8	1	2-3	2-3	3000	16.5	+12	WSW	3	bc	41	65	32	8	4	4	4	3000	1	2	2-3	2-3	3000	1	2	bc	bc	bc	bc	bc		
6	Pembroke	13.2	+10	SSW	2	N	40	75	33	6	1	1	1	3000	18.5	0	NW	1	bc	39	85	32	8	1	7	8	3000	1	3	Tr	4-6	3000	1	3	bc	bc	bc	bc	bc		
7	Holyhead	13.3	+12	NW	4	N	35	87	34	6	5	2-3	2-3	1900	14.3	+6	W'N	1	Z	35	85	31	6	7	4	0	1900	7	3	Tr	1	1900	7	3	bc	bc	bc	bc	bc		
8	Chester (Sealand)	12.8	+8	WNW	4	N	33	85	30	6	4	7-8	7-8	2000	14.2	+10	W	2	Z	32	85	29	6	4	1	1	2000	1	3	0	0	2000	1	3	bc	bc	bc	bc	bc		
10	Manchester	12.8	+8	WNW	4	N	33	85	30	6	4	7-8	7-8	2000	14.2	+10	W	2	Z	32	85	29	6	4	1	1	2000	1	3	0	0	2000	1	3	bc	bc	bc	bc	bc		
10	Spurn Head	08.7	-2	NW	5	C	31	87	30	6	5	10	10	1500	11.3	+16	NW	5	Z	33	87	29	6	5	10	10	1500	4	4	10	1500	4	4	cm	cm	cm	cm	cm			
	Catterick	11.7	+4	NW	3	C	32	85	28	7	5	3	3	1200	13.3	+10	NNW	2	C	32	75	27	7	5	9	10	1200	9	3	9	10	1200	9	3	cm	cm	cm	cm	cm		
	Tynemouth	12.1	0	NNW	3	is	30	87	29	5	2	10	10	1500	12.5	+6	NNW	3	C	32	82	31	6	5	3	4-6	7-8	2200	4	4	4-6	7-8	2200	4	4	is	is	is	is	is	
11	St. Abbs Head	11.8	-4	N	3	S	29	82	27	6	5	7-8	9	2300	11.2	-12	NW	3	C	32	75	26	8	8	4	4-6	7-8	3000	4	3	4-6	7-8	3000	4	3	cm	cm	cm	cm	cm	
	Leuchars	12.9	-2	N	1	S	32	85	28	6	5	10	10	700	12.3	-6	NW	1	Z	30	85	27	6	5	10	10	700	8	3	Tr	Tr	3000	8	3	ss	ss	ss	ss	ss		
	Renfrew (Abbots I.)	13.2	0	NE	2	S	33	85	28	6	5	7-8	9	2200	12.7	-2	ESE	1	Z	30	75	24	4	5	10	10	3000	8	3	4-6	10	3000	8	3	cm	cm	cm	cm	cm		
	Eskdalemuir	12.3	0	-	0	ps	32	85	26	6	5	4-6	4-6	1500	12.8	0	-	0	C	27	85	21	7	5	4-6	7-8	1200	9	3	4-6	7-8	1200	9	3	cs	ps	bc	bc	bc	bc	
	Point of Ayre	13.0	+6	SE	1	C	34	85	30	7	8	3	7-8	9	2000	12.6	-2	S'W	1	C	33	87	33	7	5	2	4-6	10	4000	4	1	4-6	10	4000	4	1	cs	ps	bc	bc	bc
13A	Tiree	12.9	0	SE	2	C	33	85	29	8	5	4-6	10	2500	11.0	-6	ESE	2	C	33	82	32	7	5	10	10	2500	8	3	9	9	2500	8	3	bc	bc	bc	bc	bc		
13B	Stornoway	14.1	+6	ESE	3	C	34	87	32	8	5	7-8	10	2000	13.9	-6	SE	2	C	35	87	32	6	5	10																

7h. Sunday 8th March

1942.





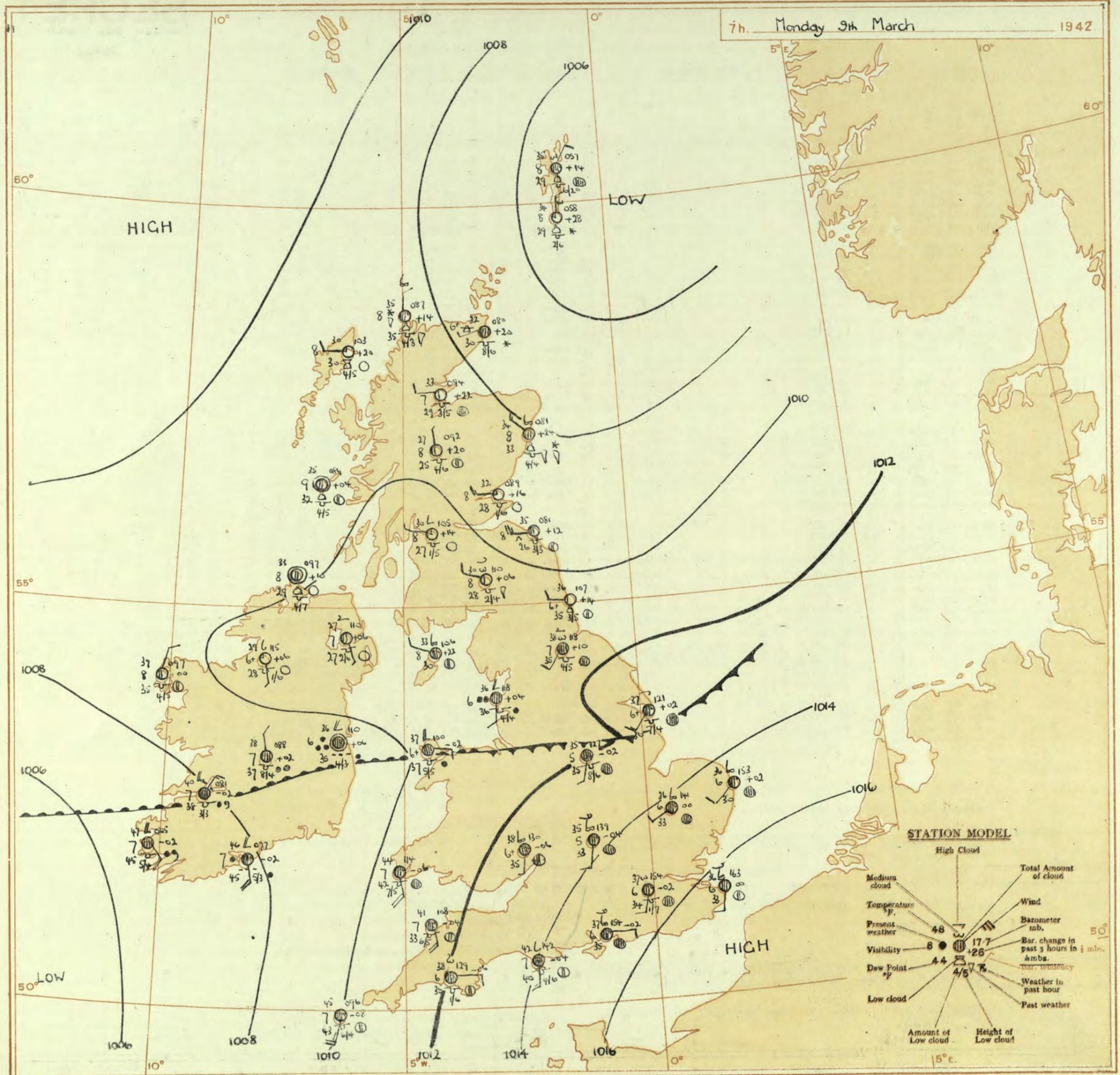
OBSERVATIONS at 1 hr. G.M.T. 8th March															OBSERVATIONS at 7 hr. G.M.T. 8th March															PAST 24 HOURS.						
District.	STATIONS.	Height above S.E.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Dew Point. °F.	Visibility.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Dew Point. °F.	Visibility.	Cloud.			State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sun-shine 7th Hr.		
					Dir.	Force.						Form.	Amount.	Height of Base (feet).			Dir.	Force.						Form.	Amount.	Height of Base (feet).			Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.			
1	London (Kew) ... 18	217	18.0	+1.0	S	2	3	27	92	24	4	-	-	18.2	+4	SW	2	2	N	27	92	26	0	-	-	3	35	25	12	-	-	0.1				
	Croydon ... 217		18.0	+1.0	S	2	27	92	24	4	-	-	18.2	+4	SW	2	2	N	27	92	26	0	-	-	3	34	26	21	-	-	0.0					
	S. Farnborough ... 226		18.0	+1.0	WSW	2	26	92	23	4	-	-	18.4	+6	WSW	3	3	N	27	97	26	8	-	-	3	36	25	13	-	-	1.2					
	Boacombe Down ... 417		18.8	+8	W	2	28	92	27	6	-	-	19.2	+2	W	0	0	N	26	97	25	7	-	-	3	37	24	17	-	-	5.1					
	Thorney Island ... 10		18.8	+1.0	W	2	25	97	25	4	-	-	19.6	+2	W	0	0	N	23	97	21	6	5	3	1	39	22	13	-	-	0.0					
	Lympne ... 346		19.0	+1.4	W	1	26	97	23	3	-	-	19.6	+2	W	1	1	N	23	97	21	6	5	3	1	39	22	13	-	-	0.0					
	Manston ... 154		18.0	+8	SW	2	26	92	24	6	5	-	-	19.6	+6	SW	3	3	N	28	85	23	5	-	-	3	32	24	16	-	-	0.0				
2	Shoeburyness ... 11		17.4	+1.2	W	2	28	92	27	6	-	-	18.7	+6	WSW	2	2	N	27	97	27	4	-	-	4	33	27	19	-	-	0.0					
	Felixstowe ... 15		16.0	+2.0	NW	1	28	85	24	6	-	-	18.8	+4	W	2	2	N	27	85	23	6	-	-	4	33	33	27	0.6	-	0.0					
	Gorleston ... 5		17.2	+1.2	SW	2	27	85	24	4	-	-	17.3	0	SW	3	3	N	30	85	23	6	-	-	4	33	26	19	-	-	0.0					
	Mildenhall ... 19		15.6	+6	SW	3	26	92	24	4	-	-	15.3	0	SW	4	4	N	32	85	28	7	-	-	4	33	23	14	-	-	0.0					
	Cranwell ... 240		15.6	+6	SW	3	26	92	24	4	-	-	15.3	0	SW	4	4	N	32	85	28	7	-	-	4	33	23	14	-	-	0.0					
3	Birmingham ... 535		17.1	+6	WS	2	25	97	23	5	-	-	15.1	+6	S	4	4	N	30	92	28	5	-	-	5	35	27	23	-	-	2.1					
	Upper Heyford ... 408		17.8	+6	WS	2	27	97	26	6	-	-	17.8	+6	WS	2	2	N	27	97	26	6	-	-	7	34	25	18	-	-	0.0					
	Ross-on-Wye ... 223		16.5	0	SSW	2	34	85	30	7	5	-	-	16.5	0	SSW	2	2	N	34	85	30	7	5	-	1	38	30	20	-	-	5.5				
5	Hartland Point ... 299		17.1	0	SW	4	39	75	32	8	-	-	15.6	+4	SW	4	4	N	41	85	32	8	5	4	2	40	38	33	-	-	9.7					
	Bristol ... 209		18.4	+4	-	0	30	92	23	7	-	-	18.1	-2	SW	3	3	N	35	75	27	8	-	-	4	40	29	18	-	-	6.4					
	Portland Bill ... 32		18.1	+2.0	NW	0	38	85	34	8	-	-	18.5	+6	SW	3	3	N	41	92	39	8	2	-	-	4	41	36	-	-	0.0					
	Plymouth ... 82		18.1	+2.0	SE	1	39	97	28	4	-	-	18.5	+6	SW	3	3	N	41	92	39	8	2	-	-	4	41	36	-	-	0.0					
	The Lizard ... 240		18.7	-2	SW	4	40	85	36	8	-	-	17.4	-2	SW	4	4	N	43	85	38	7	5	8	3	44	27	24	-	-	9.3					
	Scilly (St. Mary's) ... 163		17.7	-2	SW	4	43	75	36	8	-	-	16.4	-4	SW	4	4	N	43	85	38	9	8	6	4	45	37	-	-	10.0						
	Guernsey ... 175		17.7	-2	SW	4	43	75	36	8	-	-	16.4	-4	SW	4	4	N	43	85	38	9	8	6	4	47	40	-	-	10.5						
6	Pembroke ... 142		16.0	-4	SW	7	44	85	39	8	1	-	-	14.0	-10	SSW	6	6	N	46	92	43	8	8	6	4	43	32	-	-	10.1					
	Holyhead ... 26		12.0	-3	SSW	7	44	85	40	8	5	-	-	11.0	-14	SW	7	7	N	44	92	42	7	6	-	1	42	38	32	-	-	0.0				
	Chester (Sealand) ... 16		14.3	-6	SW	3	35	75	29	6	7	-	-	11.0	-10	SE	3	3	N	37	85	32	7	5	4	2	37	31	26	-	-	0.0				
	Manchester ... 235		14.8	-2	SE	4	32	85	28	5	5	-	-	13.0	-2	SE	4	4	N	35	85	31	6	5	-	4	35	29	25	-	-	0.0				
10	Spurn Head ... 29		14.7	+4	WS	3	30	85	26	6	-	-	14.4	0	SW	4	4	N	30	87	29	6	4	4	2	33	28	-	-	0.6						
	Catterick ... 175		16.8	-10	SE	2	26	85	26	4	5	-	-	11.3	-12	SE	3	3	N	27	85	24	6	5	3	4	33	24	19	-	-	0.3				
	Tynemouth ... 108		13.4	-4	NW	3	28	85	26	5	5	-	-	10	10	S	4	4	N	35	92	32	5	8	-	4	33	29	23	-	-	0.0				
11	St. Abbs Head ... 280		11.4	0	SW	2	28	85	24	5	2	-	-	10	10	SE	4	4	N	31	92	29	5	5	2	4	32	26	-	-	0.2					
	Leuchars ... 36		11.1	-10	-	0	26	97	25	4	5	-	-	10	10	E	2	2	N	33	97	33	6	5	-	8	34	22	18	1	2	1.3				
	Reafrew (Abbots I.) ... 19		10.3	-22	EW	2	30	92	23	3	2	-	-	10	10	ENE	2	2	N	32	92	30	5	5	2	7	33	28	23	1	3	0.0				
	Eskdalemuir ... 794		10.3	-22	EW	2	30	92	23	3	2	-	-	10	10	ENE	2	2	N	32	92	30	5	5	2	7	33	28	23	1	3	0.0				
	Point of Ayre ... 30		10.3	-22	EW	2	30	92	23	3	2	-	-	10	10	ENE	2	2	N	32	92	30	5	5	2	7	33	28	23	1	3	0.0				
13A	Tiree ... 22		10.7	-4.0	ESE	4	34	97	33	7	5	-	-	10	10	SE	3	3	N	33	92	36	7	8	3	4	33	34	-	-	2.3					
13B	Stornoway ... 80		10.7	-4.0	ESE	4	34	97	33	7	5	-	-	10	10	SE	3	3	N	33	92	36	7	8	3	4	33	34	-	-	2.3					
15	Dalwhinnie ... 1176		10.7	-4.0	ESE	4	34	97	33	7	5	-	-	10	10	SE	3	3	N	33	92	36	7	8	3	4	33	34	-	-	2.3					
	Aberdeen ... 79		10.7	-4.0	ESE	4	34	97	33	7	5	-	-	10	10	SE	3	3	N	33	92	36	7	8	3	4	33	34	-	-	2.3					
	Wick ... 119		10.8	-16	ENE	3	32	85	23	8	5	-	-	10	10	E	2	2	N	33	85	29	8	5	7	4	34	23	17	-	-	0.0				
	Sumburgh ... 30		12.2	-16	ES	3	38	97	31	4	6	-	-	10	10	E	2	2	N	33	85	29	8	5	7	4	35	27	22	-	-	0.0				
17	Blackod Point ... 18		10.8	-16	ENE	3	32	85	23	8	5	-	-	10	10	E	2	2	N	33	85	29	8	5	7	4	35	27	22	-	-	0.0				
18	Malin Head ... 84		10.8	-16	ENE	3	32	85	23	8	5	-	-	10	10	E	2	2	N	33	85	29	8	5	7	4	35	27	22	-	-	0.0				
	Aldergrove ... 268		12.2	-16	ES	3	38	97	31	4	6	-	-	10	10	E	2	2	N	33	85	29	8	5	7	4	35	27	22	-	-	0.0				
19	Birr Castle ... 173		10.8	-16	ENE	3	32	85	23	8	5	-	-	10	10	E	2	2	N	33	85	29	8	5	7	4	35	27	22	-	-	0.0				
20	Valentia Obay. ... 30		10.8	-16	ENE	3	32	85	23	8	5	-	-	10	10	E	2	2	N	33	85	29	8	5	7	4	35	27	22	-	-	0.0				
	Roches Point ... 22		12.0	-10	SW	6	47	85	43	8	5	-	-	10.3	-2	SW	6	6	N	48	75	44	8	5	-	1	51	43	42	0.1	13					

Abridged observations of additional stations in the AVIATION WEATHER CODE															LONDON OBSERVATIONS									
13h. G.M.T. 7th March																								



7h. Monday 9th March

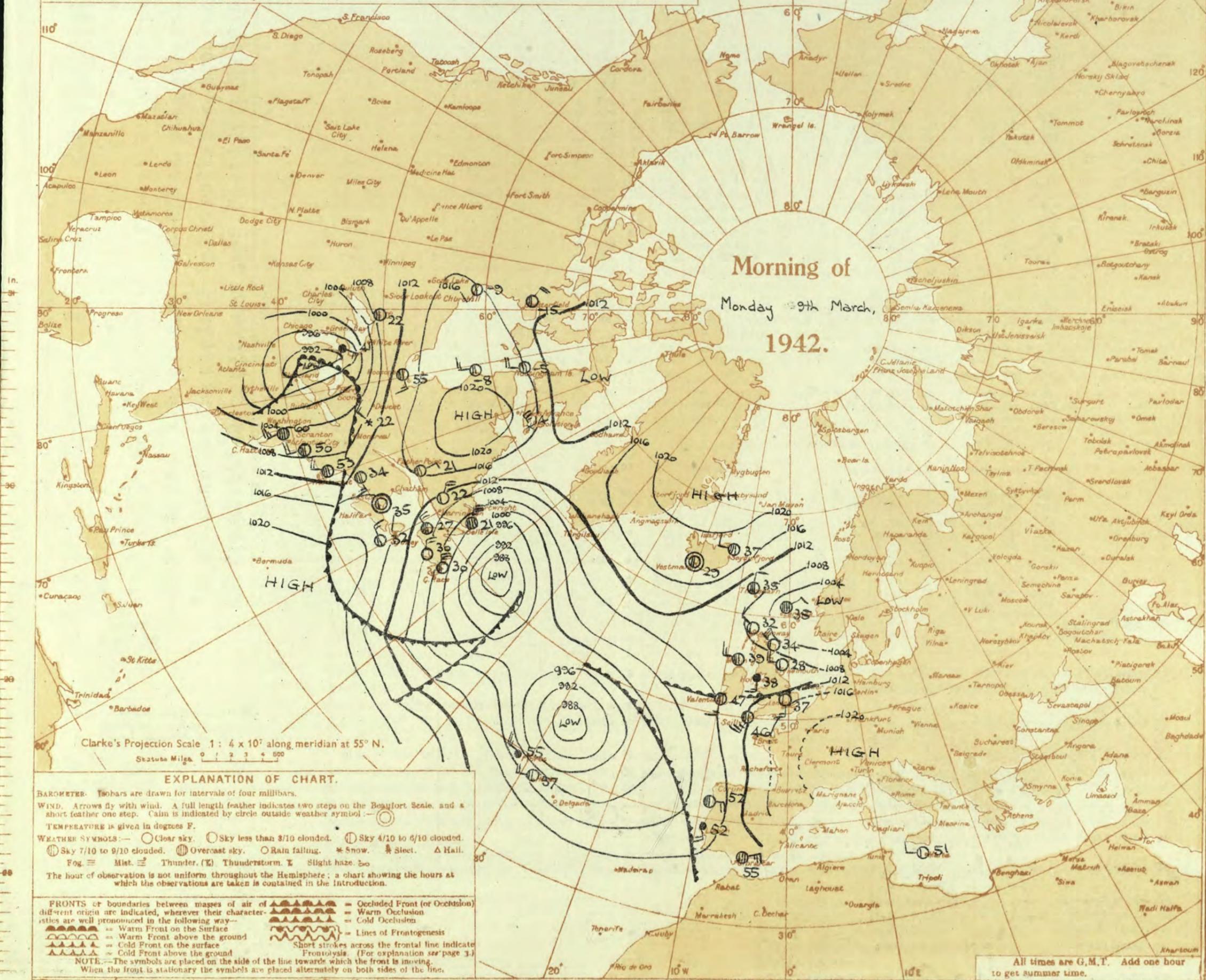
1942



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)  
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.  
**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.  
**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.  
**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.  
**Frontolysis** is said to occur when a front is in process of dissolution.





# SECRET

Tuesday 10th March 1942

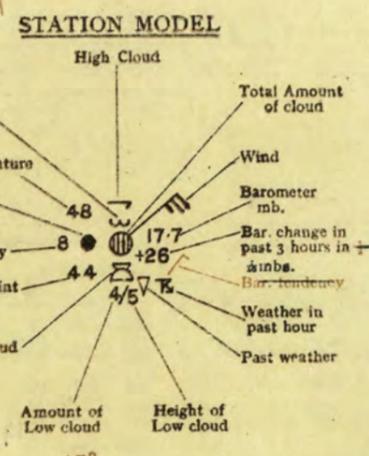
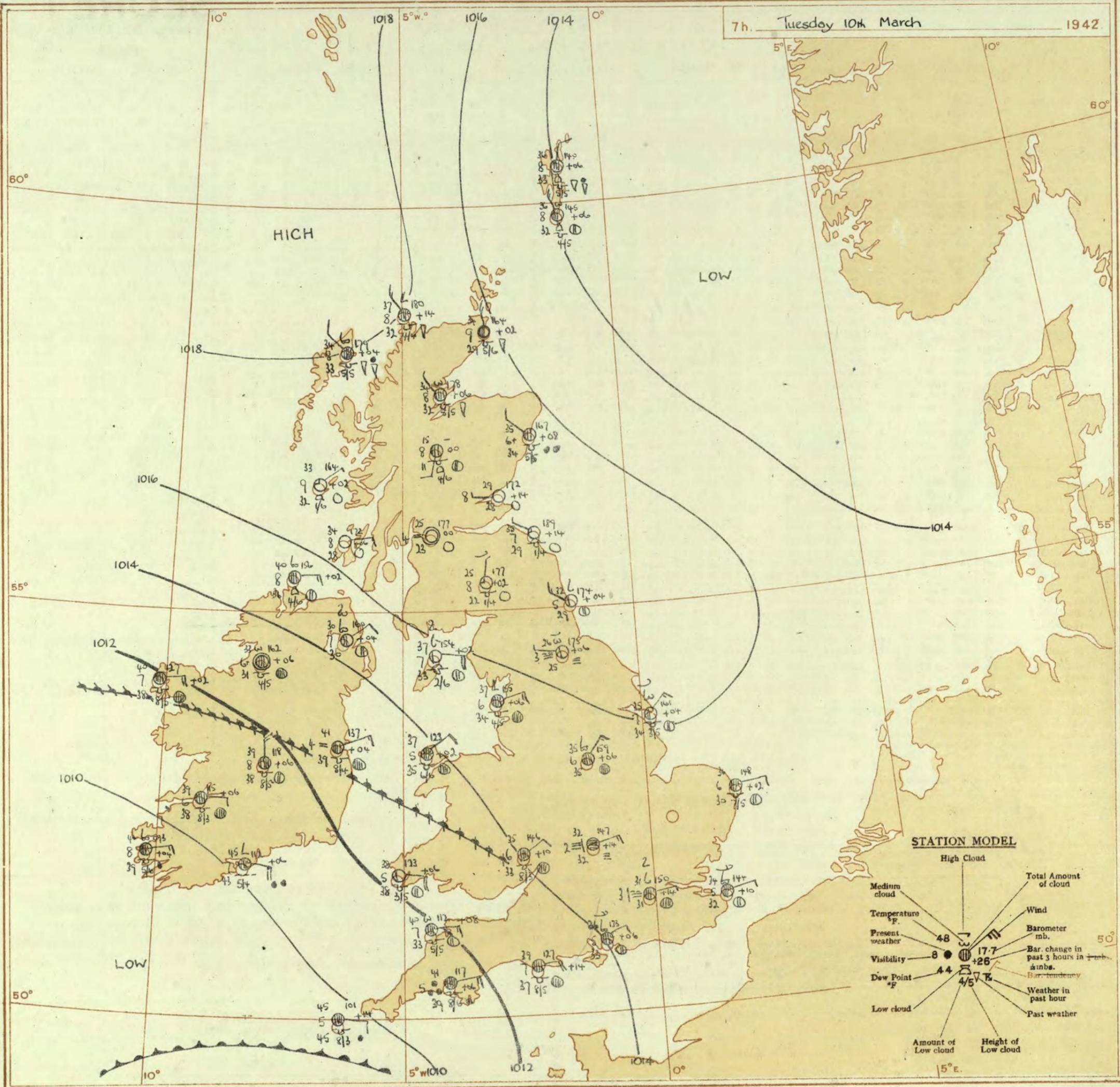
Page 1

BRITISH SECTION

## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

25328

OBSERVATIONS at 13h. G.M.T. 9th March															OBSERVATIONS at 18h. G.M.T. 9th March															PAST 24 HOURS.								
DISTRICT.	STATIONS. <small>(For heights see p. 4.)</small>	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (5)	Humid. % (7)	Dew Point. °F. (8)	Visibility. 0-9 (9)	Cloud.					Barom. at M.S.L. Change in 3 hours. (16)	Change in 3 hours. (17)	Wind.		Temp. °F. (21)	Humid. % (22)	Dew Point. °F. (23)	Visibility. 0-9 (24)	Cloud.					State of Ground. 0-9 (31)	Sea. 0-9 (32)	WEATHER.								
				Dir.	Force. 0-12 (4)					Weather. (6)	Form.			Height of Base (feet) (15)			Dir.	Force. 0-12 (19)					Weather. (20)	Form.	Amount.	Height of Base (feet) (30)	7h.-13h. 9th (39)			13h.-18h. 9th (40)	18h. 9th to 10th (41)	1h.-7h. 10th (42)						
											Low.	Med.	High																				Low	Total 0-10	Low	Total 0-10	High	
1	London (Kew)	13.7	-14	SSW	2	Zo	49	65	36	6	-	9	-	0	7-8	12.1	-4	NNE	2	Zo	47	58	34	5	-	9	-	0	7-8	-	1	*	cmo bezo	obezoy	beybx	bbcmx		
	Croydon	14.2	-12	SSW	2	bc	53	55	35	6	-	3	-	0	4-6	12.2	-4	ESE	2	Zo	47	65	34	5	-	7	1	0	7-8	-	1	*	cmo ezo	czbezy	czbcmx	bcmxm		
	S. Farnborough	13.3	-18	SSW	2	Zo	52	55	36	6	-	4	-	0	4-6	11.9	0	SE	1	Zo	46	65	36	5	-	7	4	0	9	-	1	*	cmo ezo	yzoc	cmobmbd	befm		
	Boscombe Down	13.6	-12	SSW	3	Zo	51	55	36	6	-	3	-	0	4-6	12.0	-2	SE	1	Zo	43	75	37	6	-	3	8	0	9	-	1	*	cmo	cz	cmo	bcmof		
	Thorney Island	13.8	-12	SSW	3	Zo	49	65	39	6	-	7	-	0	2-3	12.1	-4	E	2	Zo	41	85	37	6	-	4	6	0	7-8	-	1	*	bcmobcm	bbcm	cmobmo	bcmob		
	Lymington	16.0	-10	SE	2	Zo	43	75	34	6	-	4	6	0	1	14.2	-4	E/N	1	Zo	40	75	37	6	-	4	2	0	4-6	-	1	*	cmobcm	beyz	cmobmo	cm		
	Manston	15.1	-6	SW	2	Zo	50	55	34	6	-	3	-	0	2-3	13.5	-2	NNE	2	Zo	40	75	33	5	-	7	5	0	4-6	-	1	*	cmobcz	bc bzo	czbcmo	bcmw		
2	Shoeburyness	15.1	-8	SSW	2	c	52	55	36	6	-	3	9	0	7-8	13.5	-6	ESE	4	c	39	85	35	6	-	3	6	0	7-8	-	1	*	cmx czoy	czycm	cmom	cm		
	Felixstowe	15.4	-4	S	3	Zo	43	75	36	6	-	7	1	0	7-8	13.9	-2	SE'S	2	Zo	37	92	34	5	-	7	-	0	9	-	1	1	*	cmobcm	bcmo	cmobcm	ofcm	
	Gorleston	15.0	-4	WSW	3	Zo	44	65	34	6	5	3	2	4-6	4-6	2700	14.1	-2	NW/N	2	Zo	37	85	34	5	5	7	-	4-6	10	2400	1	3	*	cbcz	bcmo	bmbcmo	bcmw
	Mildenhall	14.2	-4	SW/W	2	Zo	31	45	31	6	-	7	-	0	9	-	13.1	+2	NE	2	Zo	47	75	39	6	-	7	-	0	9	-	0	*	czoy	czycz	czobcm	bcmomx	
	Cranwell	13.2	-2	W	3	Zo	48	65	37	6	-	7	-	0	9	-	13.6	+6	NE	3	m	39	92	37	4	-	7	-	0	10	-	1	*	cmox	cm	cmemo	cm	
3	Birmingham	12.8	0	S	2	c	46	65	35	7	-	7	-	0	10	-	12.8	-2	ENE	2	Zo	45	65	34	5	-	1	-	0	9	-	1	*	c	cz	cof	oef	
	Upper Heyford	13.3	-8	SSW	2	Zo	47	65	36	6	-	9	-	0	9	-	12.1	+2	SE	1	Zo	47	65	36	6	-	7	-	0	9	-	1	*	cmo	cyoz	czobcm	bcmof	
4	Ross-on-Wye	12.5	-6	S	2	Zo	49	65	39	6	5	7	-	2-3	9	4000	11.5	-4	E	1	Zo	48	65	39	6	-	2	-	0	10	-	1	*	cz	cz	czom	czom	
5	Hartland Point	10.5	-6	-	0	c	49	55	33	7	5	-	8	2-3	9	2000	09.1	-2	ESE	3	c	47	65	36	7	5	1	-	7-8	9	2000	0	3	*	ey	c	cbc	bc
	Bristol	13.0	-10	SE	2	c	51	65	38	7	9	9	0	9	-	-	12.1	-2	SE	1	Zo	46	75	36	6	-	7	8	0	9	-	1	*	cz	cz	czbcm	bcofex	
	Portland Bill	13.5	-10	E	2	c	45	62	43	8	5	-	10	10	4000	11.1	-4	E	3	c	41	85	39	7	5	-	10	10	2500	1	4	*	cc	c	bec	o		
	Plymouth	11.0	-14	SE	3	Zo	51	55	37	6	7	-	0	9	-	-	10.2	+2	ESE	3	Zo	44	75	38	6	-	7	-	0	10	-	0	3	*	czoy	cm	cm	cmom
	The Lizard	09.8	-8	E	4	c	46	75	39	7	8	6	-	7-8	9	2500	09.2	+4	E'S	4	c	44	75	37	6	5	2	-	9	10	1000	0	4	*	c	cbcc	cm	cmof
	Scilly (St. Mary's)	09.0	-6	SSW	4	c	48	75	40	7	5	-	7	2-3	10	1500	08.1	+6	SE	3	c	46	85	40	7	5	2	-	4-6	10	1500	5	3	*	c	c	c	ctoe
6	Pembroke	11.3	-6	SE'E	4	c	48	75	41	7	4	3	1	4-6	7-8	3000	10.2	0	E'S	4	Zo	45	85	40	6	8	6	-	7-8	9	3000	0	3	*	c	cm	cbcm	cm
	Holyhead	12.0	+6	ESE	4	1/4	39	85	35	6	5	-	-	7-8	10	500	11.7	+4	ESE	4	m	40	92	39	4	5	7	-	4-6	9	1500	1	3	*	cmom	cm	cm	cmemo
	Chester (Sealand)	13.1	+4	-	0	m	43	85	39	4	5	2	-	7-8	10	2000	12.9	+6	NNE	2	m	40	85	36	3	5	-	10	10	1400	1	*	cm	cm	off	oem		
8	Manchester	13.1	0	-	0	f	44	95	39	4	6	7	-	2-3	10	4000	12.8	+6	NE	3	m/f	39	92	36	4	-	3	-	0	9	-	1	*	cm	cm	cm	cm	
10	Spurn Head	14.2	+10	SSE	1	m	40	92	38	4	5	-	-	10	10	1500	14.3	+4	NNE	3	c	38	92	35	7	5	2	-	7-8	10	2500	1	2	*	om	omc	c	bc
	Catterick	13.9	+8	SSW	2	f	38	85	34	6	3	2	-	7-8	10	1500	14.4	+6	-	0	c	37	85	35	4	5	-	9	9	5000	6	*	cmom	cmom	bfx	bcbfx		
	Tynemouth	13.3	+6	NW	3	bc	43	85	37	7	2	3	-	4-6	4-6	2800	15.1	+4	E	2	bc	38	92	35	7	-	4	-	0	2-3	-	1	2	*	cmo	bc	b	bcm
11	St. Abbs Head	12.2	+14	NNW	2	bc	39	97	33	8	4	-	-	1	2-3	2000	14.3	+10	WNW	1	b	38	85	34	8	4	-	1	1	2000	4	2	*	bcgbc	b	b	b	
	Leuchars	13.2	+22	W	2	b	41	65	29	9	-	-	-	0	0	-	14.7	+14	-	0	b	39	65	30	9	7	-	Tr	Tr	3000	4	*	bebb	bbybv	bvbm	bmbm		
	Renfrew (Abbots L.)	13.2	+14	NNE	1	c	48	58	33	8	8	7	-	7-8	7-8	2500	14.7	+8	NNE	1	b	39	75	31	8	4	-	1	1	2500	1	*	bmbec	cbcb	bbm	bmm		
	Eskdalemuir	13.2	+6	-	0	bc	34	65	28	8	7	3	-	2-3	4-6	2200	14.4	+10	NW	2	bc	34	75	28	6	5	-	4-6	4-6	1800	8	*	bbe	bc	bc	bb		
	Point of Ayre	13.2	+8	SW	3	c	42	85	37	8	5	2	-	7-8	9	2500	13.8	+6	SE	2	bc	39	85	35	8	5	7	-	4-6	4-6	6000	1	1	*	c	cbc	beb	bbe
13A	Tiree	12.7	+20	ENE	1	bc	43	85	38	8	8	3	-	4-6	4-6	2800	14.2	+8	NE	2	b	41	75	32	9	1	-	1	1	3000	0	3	*	prob	beb	bab	b	
13B	Stornoway	13.9	+12	NE	2	bc	42	85	37	8	2	4	-	4-6	4-6	2600	16.0	+6	NNW	3	c	39	85	35	8	2	6	-	4-6	7-8	2500	1	1	*	bee	beeyhr	cbc	bcof
15	Dalwhinnie	14.2	+16	S	1	b	36	65	25	8	1	-	-	1	1	4000	16.2	+10	S	1	bc	32	85	28	8	7	-	4-6	4-6	4000	6	*	cbc	bc	c	bc		
	Aberdeen	12.4	+24	NW	4	b	41	65	32	8	7	-	-	1	1	2800	14.5	-16	NW/N	2	b	39	75	32	8	3	-	Tr	Tr	2500	1	3	*	ebcb	b	c	ctox	
	Wick	11.9	+18	NW	3	bc	43	55	29	8	2	4	-	4-6	4-6	3000	14.0	+8	NW	1	c	38	85	34	9	8	3	-	4-6	7-8	4000	1	*	to. s. bc	bepbce	ptobcm	ptofsem	
16	Sumburgh	10.1	+16	NNW	2	1/4	38	85	35	8	8	-	-	9	9	2500	11.8	+10	NNW	2	c	37	85	33	8	8	-	7-8	7-8	1800	4	3	*	b-eps	ebec	cpoe	cbex	
17	Blackod Point	10.7	+2	ENE	5	c	43	75	36	8	2	7	5	1	9	4000	10.8	+2	E/N	5	bc	43	75	36	8	3	4	4-6	4-6	4000	0	4	*	bc	b	bc	bc	
18	Malin Head	12.1	+10	E	1	bc	43	75	36	8	2	-	1	2-3	4-6	5700	13.5	+12	E	2	bc	42	75	35	8	1	-	1	2-3	4-6	5700	4	2	*	b	b	bc	bc
	Aldergrove	12.9	+6	-	0	c	45	65	35	7	1	7	6	2-3	7-8	3000	13.8	+10	E/N	1	bc	39	75	33	8	5	-	8	1	4-6	4000	4	*	bbee	cbc	bmbomx	bcmo	
19	Birr Castle	10.0	+4	E	2	1/4	40	92	38	7	6	2	-	7-8	10	1500	09.7	0	E	2	c	41	92	39	7	6	2	-	4-6	10	1500	1	*	r	r	r	bc	
20	Valentia Obay.	06.6	+2	E'S	4	1/4	50	85	46	8	9	2	-	9	10	2500	06.6	+2	E'S	4	c/r	48	85	44	8	5	2	-	2-3	10	2500	1	3	*	r	r	r	bc
	Roches Point	08.9	+4	SE'E	4	1/4	47	97	46	6	5	-	-	10	10	450	08.5	+2	ESE	4	c	46	85	42	7	5	-	9	9	1500	1	5	*	r	r	r	bc	





OBSERVATIONS at 1 hr. G.M.T. 10th March

OBSERVATIONS at 7 hr. G.M.T. 10th March

PAST 24 HOURS.

Main weather observation table with columns for Station, Height, Wind, Weather, Temp., Humid., Dew Point, Cloud, Visibility, and Temperature/Rainfall for the past 24 hours.

10.00 obs from Dyce

Abridged observations of additional stations in the AVIATION WEATHER CODE

Table of abridged observations for various stations including IIC, C, W, V, H, D, D, F, W, N, G, C, M, and other codes.

LONDON OBSERVATIONS

For the 24 hours ending morning of 10th March. Day 7h-18h Kew and Croydon, 9h-18h Kensington, 9h-21h other stations except for rainfall which is 9h-18h.

Table of London observations for Kew, Croydon, Greenwich, Camden Square, Kensington, and Hampstead, including weather, temperature, rainfall, and atmospheric pollution.

III - Index Number of Station - See M.O. 252 or list issued on 1st of each month. W, W - Present and past weather - See M.O. 252. h, N, h - Height and amount of low cloud - See M.O. 252. N - Total amount of cloud - See M.O. 252. C, C, M - Form of low and medium cloud - See page 1. V - Visibility. F - Force of wind - See page 4. DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

TERMS OF SUBSCRIPTION (Single Copies, 1d. each, by post 1 1/2d. 2/6 per month; 8/6 per quarter; 25/- per year.)

**BRITISH SECTION**

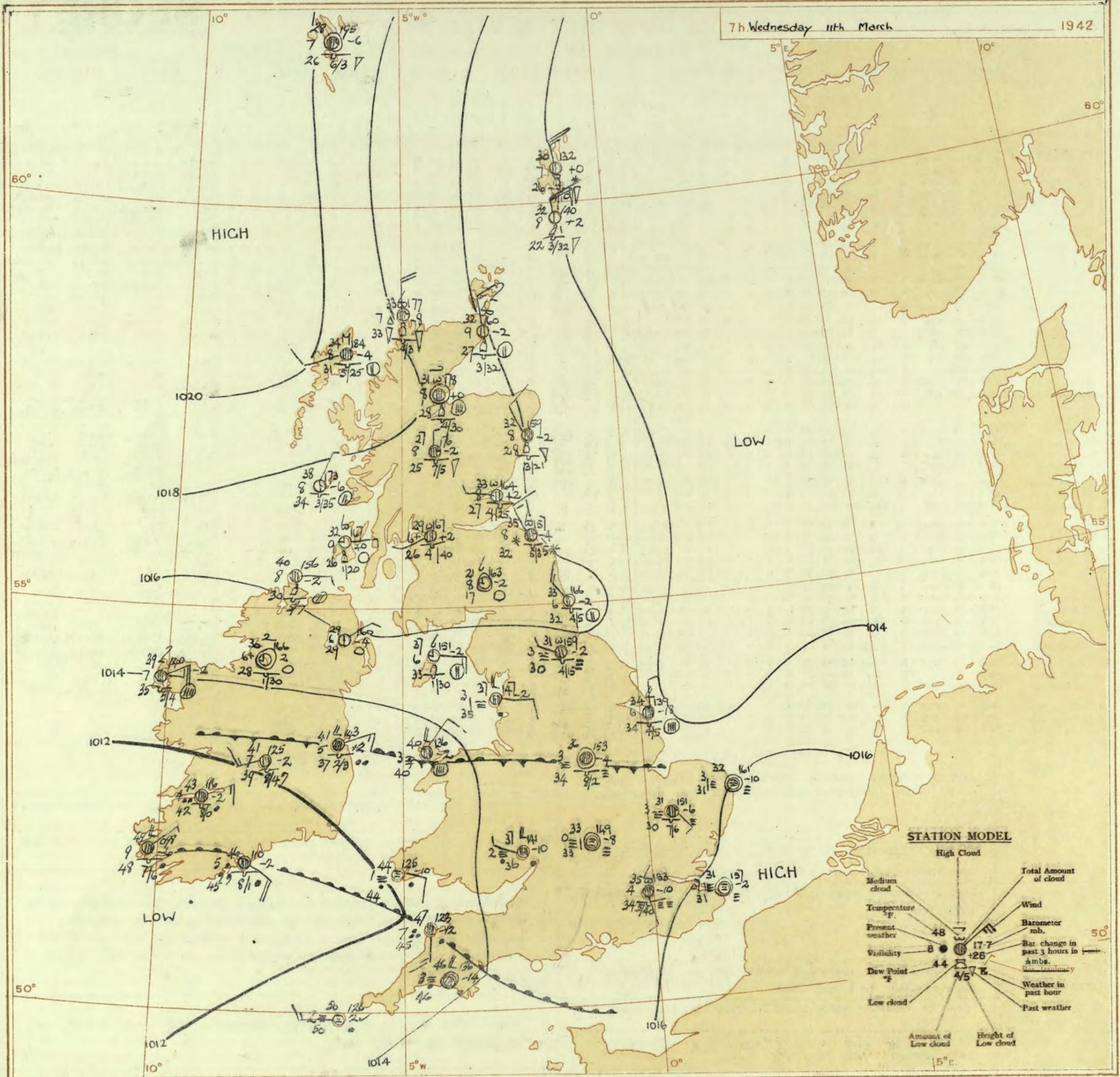
**THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.**

OBSERVATIONS at 13h. G.M.T. 10th March															OBSERVATIONS at 18h. G.M.T. 10th March															PAST 24 HOURS.						
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (5)	°C. (7)	Dew Point. °F. (8)	°C. (9)	Cloud.			Barom. at M.S.L. mb. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (21)	°C. (22)	Dew Point. °F. (23)	°C. (24)	Cloud.			State of ground. 0-9 (31)	Sea. 0-9 (32)	WEATHER.								
				Dirac.	Force.						Form.	Amount.	Height of Base (feet)			Form.	Amount.						Height of Base (feet)	Form.	Amount.			Height of Base (feet)	7h.-13h. 10th (39)	13h.-18h. 10th (40)	18h. 10th to 1h. 11th (41)	1h.-7h. 11th (42)				
1	London (Kew) Croydon S. Farnborough Boscombe Down Thorney Island Lympne Manston	15.5 15.1 15.6 15.3 16.4 16.6	-2 -2 -2 -2 -2 +8	ENE ENE E'S E'S NE NE'E	3 2 2 3 2 1	z/f m m z z z	43 43 46 44 40 46 42	65 75 65 75 85 55 75	31 35 33 36 35 30 35	4 4 4 6 5 6 6	- - - - - - -	5 6 7 7 7 7 3	0 0 0 0 9 0 0	7-8 9 10 10 9 10 9	16.3 16.4 15.9 16.1 15.7 17.4 17.0	+8 +6 +8 +6 +2 +8 +6	E ENE ENE S E'N ENE E	3 2 2 2 2 1 2	c c/r n z z/d z z	43 41 45 42 42 40 38	75 85 65 92 92 85 92	34 36 35 39 40 35 35	4 5 4 5 5 5 5	3 - - - - - -	4-6 0 0 0 10 0 0	9 10 10 10 2500 10 10	4000 - - - 2500 - -	1 1 1 1 1 1 1	*		meffm cfmz becm cm cm cm	cz czcz cz,yz cm r,r,fo,ld,cm cz,yo,mo	cbcmf cbcmf ombfff cmobcm cmobcm	bcmf bfofc offd,do beatfo obeffx	bcof bfofc offd,do beatfo obeffx	
2	Shoeburyness Felixstowe Gorleston Mildenhall Cranwell	16.8 17.0 17.1 16.8 17.3	+6 +6 +10 +2 +2	ENE ENE NE ESE E	2 3 2 2 3	c c c c c	43 42 37 48 42	75 85 75 55 75	37 38 30 34 35	6 7 7 7 8	5 1 -3 1 3	- -6 -3 -2 -	4-6 Tr 0 4-6 7-8	7-8 2500 7-8 2500 9	17.1 16.9 17.4 16.8 16.9	+4 +4 +6 +2 +2	ENE - NE'E SE E	3 0 1 1 2	c z c z c	38 41 36 44 39	92 75 85 75 75	35 34 32 36 34	6 7 6 6 8	- - - 3 - -	7 0 0 4 0	0 9 7-8 9 9	10 - - 2500 -	1 0 0 0 1	*		FFfefe cmobcm ebe cz,ey cmoc	cz,mo cm bc cy,cmo c	bmbcm cmobfx bbmw bcmof bc,cmo	ofex offxcm off off cmof	ofex offxcm off off cmof	
3	Birmingham Upper Heyford	16.7 15.7	0 +6	E ENE	3 3	z z	41 42	75 75	34 34	6 5	- -	- -6	9 7-8	1500 -	16.5 16.0	0 +8	ESE E	2 2	z m	42 41	75 85	35 36	5 4	5 -3	1 0	7-8 7-8	2500 -	1 1	*		fcz fcbcm	cz czbez	of bcmf	off bfof	off bfof	
4	Ross-on-Wye	15.6	0	ESE	2	z	43	75	36	6	5	-	10	3000	15.6	+2	E	2	z	42	85	36	5	-	9	0	Tr	-	1	*		ozcz	czbz	bzcm	off c/f,off	off c/f,off
5	Hartland Point Bristol Portland Bill Plymouth The Lizard Seilly (St. Mary's) Guernsey	13.3 15.7 14.4 12.9 13.3 13.0	+2 +2 +8 0 +10 +10	E E E ESE NE SE'S	2 2 3 3 3 2	e m rr z pr c	46 44 41 44 47 49	75 75 92 92 97 97	39 36 39 34 47 49	7 4 7 5 5 6	5 -3 - 2 8 -	4 - - - - -	4-6 0 10 9 9 10	7-8 10 2500 600 1000 1200	14.6 15.9 14.8 15.5 14.5 13.8	+6 +2 +4 +6 +4 +6	- S E ESE E'S WSW	0 1 2 3 1 2	c z o z cft Ft	46 45 42 45 47 51	85 75 92 92 97 97	43 38 33 43 47 50	6 5 5 5 2 1	2 -3 - - - -	7-8 4-6 10 9 10 10	2400 5700 2500 2000 400 450	0 1 1 1 1 1	3		c cmz orr cm empr ep	cz cz,za o cmo omff oof	c br, xm bcbe cfe offdf offec	off off off off off off	off off off off off off		
6	Pembroke	14.4	+6	SE'E	4	z	46	85	42	5	2	-	4-6	2500	14.4	0	SE'E	3	z	44	92	42	5	6	4-6	7-8	2500	0	3		bemo	cmo	off	Fro	Fro	
7	Holyhead	14.5	+6	N	1	z	46	85	42	5	-	3	6	9	15.0	+6	N	1	z	44	85	41	5	-	3	9	0	7-8	-	1	1		cmo	cm	om	om
8	Chester (Sealand) Manchester	16.4 17.7	-2 +10	SSE SE	3 1	z z	43 43	75 75	34 37	6 6	5 1	2 3	2-3 4-6	4000 3500	16.0 16.4	+2 +2	ESE ESE	1 2	z z	43 41	75 85	36 36	5 5	-	7 2	0 7-8	- -	1 1	*		cmo cmo cmo	cm cm ebezo	cm cm bcm	om om om	om om om	
10	Spurn Head Catterick Tynemouth	17.0 17.7 18.4	0 -2 0	SE'E - NE	2 0 3	c z bc	41 44 40	85 55 85	37 30 36	7 6 6	1 -3 2	6 4 -	7-8 0 2-3	1500 - 2600	17.3 17.5 18.5	0 +4 -2	SE'E - E	3 0 1	c z c	37 37 39	92 85 92	34 32 33	7 6 7	5 5 5	3 -1 -	2-3 2-3 9	7-8 6000 3800	0 4 1	2		c bf bmo bcm	c bcm,c bcm	cmof bcm	off bcm	off bcm	
11	St. Abbs Head Leuchars	17.4 18.0	+4 0	NNW NNW	1 1	c c	38 42	85 75	33 34	7 7	8 5	-	2-3 7-8	2500 4000	18.2 17.5	+8 +2	NW N	1 1	c c	37 39	75 75	30 31	9 9	5 5	4 -	7-8 9	2500 2500	4 1	2		bob bec	cm cmo	ebz cbcm	off off	off off	
12	Renfrew (Abbots 1.) Eskdalemuir Point of Ayre	18.2 17.0 16.6	+2 0 +2	W bc SE'S	1 0 3	c/f bc c	36 30 41	65 75 75	25 21 33	5 8 7	5 - 3	- - -	9 4-6 2-3	3500 3200 2500	18.0 17.2 16.5	+6 0 0	ENE - ESE	1 0 1	z c c	39 33 40	75 75 75	29 25 34	6 8 7	5 5 1	- -6 -	9 2-3 7-8	4000 3100 4000	3 8 1	*		bfx,cmo bc bec	cmo,cmo bc c	cmo,cmo bc cbcc	off off off	off off off	
13A	Tiree	18.0	0	NE	1	b	42	75	34	9	1	-	1	3500	18.0	0	NE	1	c	41	75	33	9	5	-	9	9	2500	0	3		b	bee	cbe	bc	bc
13B	Stornoway	18.9	+6	MNW	1	c	41	97	41	8	5	7	4-6	2500	19.4	+4	MW	1	c	37	92	34	8	5	7	7-8	9	2500	1	1		c	c	c	c	c
15	Dalwhinnie Aberdeen Wick Sumburgh	18.8 17.2 16.7 16.3	+2 +2 -2 +6	SW NW NNW NNE	2 3 3 3	c c c bc/ps	35 39 41 36	75 65 65 85	28 28 30 32	8 7 8 9	- - - -	- - - -	9 9 7-8 4-6	4000 1800 2800 1800	19.0 16.8 17.1 15.7	0 -4 +2 -2	NW NW NE'N N	1 2 4 4	o c phr ps	33 39 38 38	85 65 85 97	29 38 33 32	8 8 8 6	5 5 7 8	- - - -	10 9 4-6 7-8	2500 1800 1200 1000	6 1 1 4	*		c eps. pr, sbc eps, ps.	c cbec bcprph eps, mo	eps psps, c bcps, b	obpsc cbc cbccbc ps, c, b	obpsc cbc cbccbc ps, c, b	
17	Blacksod Point	14.6	+2	ESE	3	z	45	85	41	6	8	-	9	1500	14.4	-2	E'N	4	z	44	85	40	6	5	-	10	10	1500	0	3		c	c	o	o	o
18	Malin Head Aldergrove	16.7 16.8	0 +2	E E'N	2 2	bc c	42 41	65 85	31 35	8 8	- 2	- -	0 0	2-3 9	16.8 16.8	-2 0	ENE E'N	2 2	c c	41 39	65 75	30 32	8 7	4 5	4 7	2-3 9	5700 7200	0 1	2		bc bee	b c	o o	bc bc	bc bc	
19	Birr Castle	13.2	0	ESE	2	c	47	75	40	5	5	-	10	10	13.4	+2	ESE	1	c	46	85	42	6	5	-	10	10	2500	1	1		c	bc		d	d
20	Valentia Obsy. Roches Point	10.8 12.9	+6 +6	E'S ESE	5 4	r, f pr	47 46	85 85	43 42	7 8	5 7	- -	2-3 9	2500 1500	10.4 12.2	-2 -8	E'N ESE	4 5	d, d dd	49 45	85 92	45 44	6 5	5 5	7 -	9 10	9 450	1500 450	1 1	3 5		r pr	r pr	r r	r r	

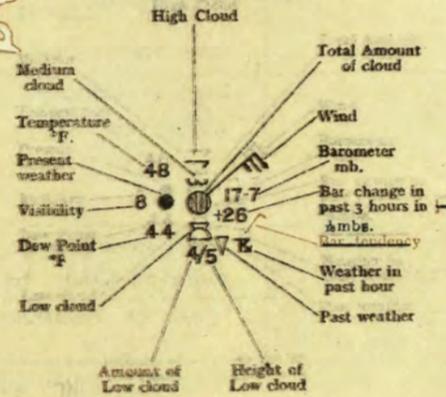
DISTRICTS.		FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 11th March.		
1	S.E. England	Light or moderate east or southeast wind. Cloudy; occasional rain or drizzle; becoming misty with local fog; rather cold.	16 Orkneys and Shetlands	As 13B-15.
2	E. England		17 N.W. Ireland	Light or moderate east wind. Cloudy; local rain or sleet; rather cold.
3	E. Midlands		18 N.E. Ireland	
4	W. Midlands		19 S.E. Ireland	Light or moderate south wind. Cloudy; occasional rain. Local coast and hill fog; mild.
5	S.W. England	Light or moderate south or southwest wind. Cloudy; occasional light rain; local coast and hill fog; rather mild.	20 S.W. Ireland	
7	North Wales	Light or moderate east wind. Cloudy; occasional rain or sleet; rather cold.	<b>GENERAL INFERENCE</b>	
8	N.W. England		An anticyclone south of Iceland is decreasing in intensity. A deep depression is located northeast of the Azores and an associated trough is extending eastwards over Southern England. Weather will continue cold and mainly fair in the North, but a rather prolonged period of rain or drizzle will spread in over the South.	
9	N. Midlands		<b>FURTHER OUTLOOK</b>	
10	N.E. England		Cold in the North with local wintry showers; milder but probably with occasional rain in the South.	
11	S.E. Scotland	Light or moderate north wind. Bright intervals; local wintry showers. Cold; hard night frost.	Forecasts issued at 1030 G.M.T.	
12	S.W. Scotland & Isle of Man	Light or moderate northeast wind. Fine; cold; hard night frost.	N. K. JOHNSON, D.Sc., A.R.C.S., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2	
13A	W. Scotland			
13B	N.W. Scotland	Moderate north wind backing northwest. Bright intervals; local wintry showers. Cold; hard night frost.		
14	Mid Scotland			
15	N.E. Scotland			

7h. Wednesday 11th March

1942.



**STATION MODEL**



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)

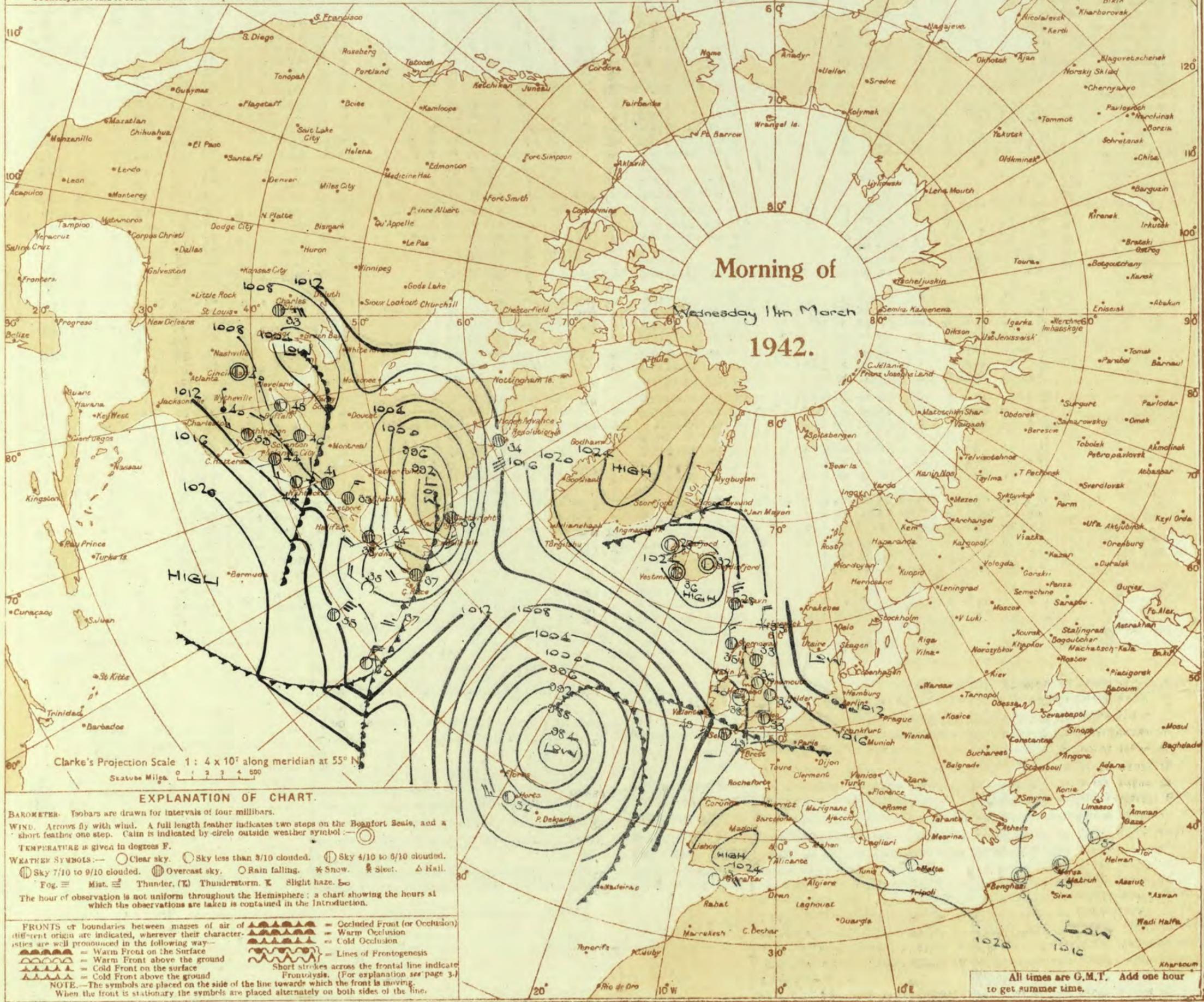
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.

**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.

**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.

**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.

**Frontolysis** is said to occur when a front is in process of dissolution.



OBSERVATIONS at 1 hr. G.M.T. 14th March															OBSERVATIONS at 7 hr. G.M.T. 14th March															PAST 24 HOURS.						
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Dew Point.	Visibility.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Dew Point.	Visibility.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Sea.	TEMPERATURE.			RAINFALL.		Sun-shine 10th Hrs.	
					Dir.	Force.						Form.	Amount.	Height of Base (feet).			Dir.	Force.						Form.	Amount.	Height of Base (feet).				State of Ground.	0-9	7h-18h	Min. on Grass	Day 7h-18h		Night 18h-7h
1	London (Kew)	18	*	*	*	*	33	*	*	*	*	*	*	14.9	-10	*	*	F	33	97	33	2	-	-	10	10	1500	1	*	45	30	21	-	Tr	0.0	
	Croydon	217	16.8	-4	S	2	m	33	97	33	4	-	4	15.3	-10	SSW	1	m/f	35	97	34	4	5	7	-	7.8	9+	4000	1	*	45	31	25	Tr	0.6	
	S. Farnborough	226	16.9	-2		0	bf+	31	92	30	3	-	-	15.0	-10		0	f	34	97	33	2	5	7	-	7.8	10	4000	1	*	48	29	20	-	0.4	
	Boscombe Down	417	16.7	-6	SE'S	1	F	37	97	37	1	-	-	10	10		0	f	38	97	37	1	-	-	10	10	1500	1	*	45	34	27	-	0.4		
	Thorney Island	10	16.7	0		0	m	39	97	38	4	5	-	4.6	4.6		0	f	37	97	37	3	5	-	10	10	450	1	*	45	34	26	0.6	Tr		
	Lympne	346	17.7	0		0	z0	36	97	36	5	-	2	-	0	10		0	f	29	97	29	3	-	7	2	0	9	-	1	2	47	28	24	-	1.8
	Manston	154	16.9	+2		0	m	33	97	32	4	-	7	-	0	7.8		0	f+	31	97	31	1	-	-	10	10	1500	1	*	43	30	22	-	2.4	

† 0100 obs from Dyce

Abridged observations of additional stations in the AVIATION WEATHER CODE

13h. G.M.T. 14th March				18h. G.M.T.				01h. G.M.T. 15th March				07h. G.M.T.				13h. G.M.T. 14th March				18h. G.M.T.				01h. G.M.T. 15th March				07h. G.M.T.								
III	W	h	Nh	DD	FF	WW	Vh	DD	FF	WW	Vh	DD	FF	WW	Vh	DD	FF	WW	Vh	DD	FF	WW	Vh	DD	FF	WW	Vh	DD	FF	WW	Vh	DD	FF			
109	8	25846	03286	87	10854	03285	8	02854	03152	4	8	26845	03586	388	00	02690	03214	03	05620	03015	02	21500	00058	52	52553	00058										
115	52	02944	03386	52	88834	04487	52	02826	03248	87	88	734	03248	87	88	734	03248	87	88	734	03248	87	88	734	03248	87	88	734	03248	87	88	734	03248	87	88	734

III - Index Number of Station - See M.O. 252 or list issued on 1st of each month.  
W, W - Present and past weather - See M.O. 252.  
h, Nh - Height and amount of low cloud - See M.O. 252.  
N - Total amount of cloud - See M.O. 252.  
C, Cn - Form of low and medium cloud - See page 1.  
V - Visibility. F - Force of wind - See page 4.  
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

LONDON OBSERVATIONS

For the 24 hours ending morning of 14th March  
Day 7h-18h Kew and Croydon, 9h-18h Kensington  
0h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Atmospheric Pollution. Milligrams of solid impurity per cubic metre.			
	Morning	Afternoon	Night				
Kew	m/fm	e2	cbmf	Kew 24 hours ended 7h. Max. Time 11h. Min. Time 0.4 (14h).			
Croydon	cm	e2	cbmf				
Greenwich	cm	e	cbmf				
Camden Square	0	0	0				
Kensington	cm	c	0				
Hampstead	pm	0	0				
Stations	Temperature		Rainfall		Sun-shine to sunset hrs	Humidity	
	Day	Night	Day	Night		15h %	9h %
	°F	°F	mm	mm	Yesterday	Today	
Kew	45	30	21	-	0.0	*	
Croydon	45	31	25	Tr	0.6	*	
Greenwich	45	30	23	-	0.8	69	96
Westminster	45	38	31	-		75	
Regents Park							
Camden Square	45	33	26	-	1	*	96
Kensington	46	31	26	-	1		76
Hampstead	43	30	27	-	1		97

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# SECRET

Thursday 12th March 1942

No. 29330

Page 1

BRITISH SECTION

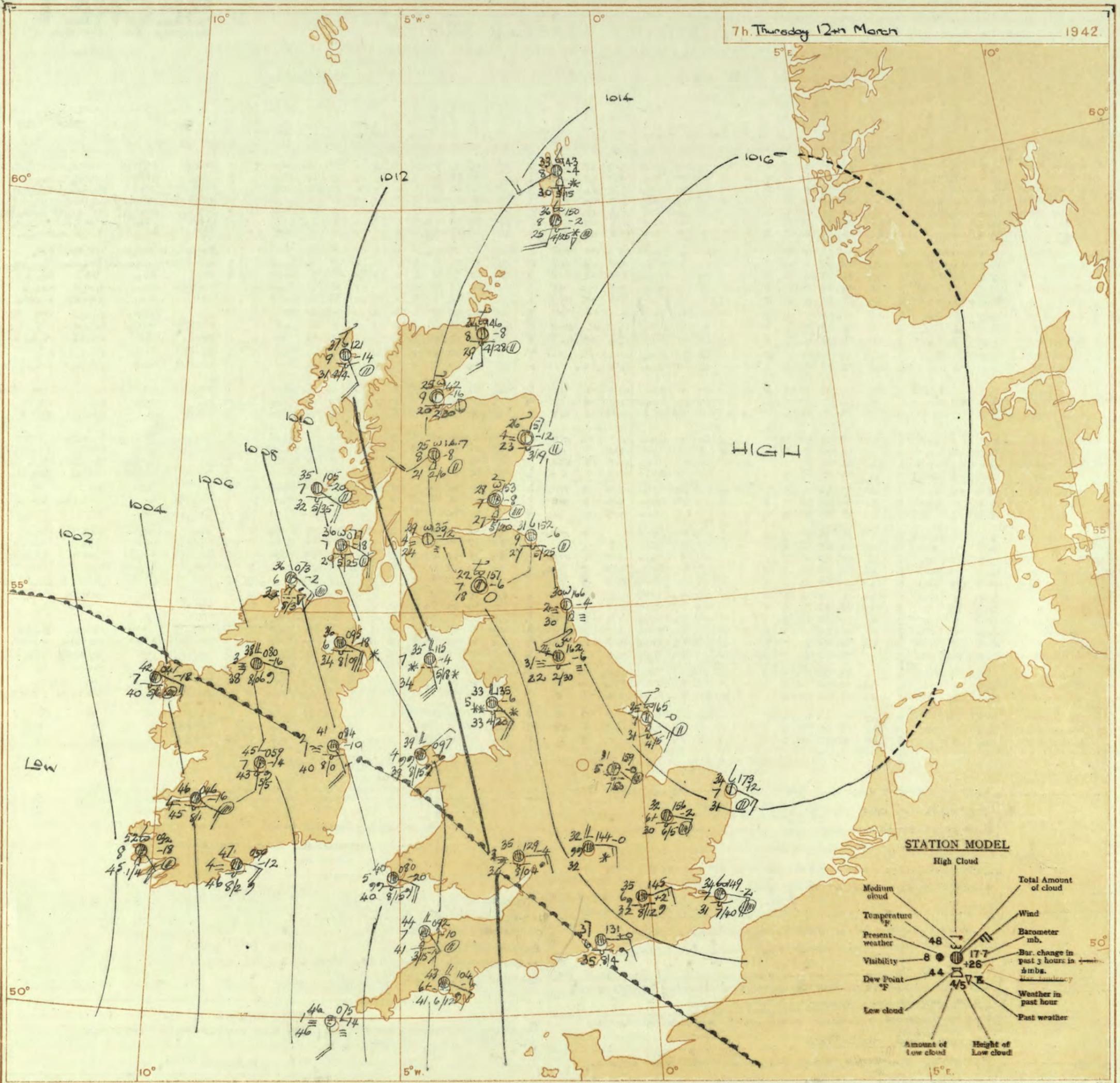
## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

District	Stations	OBSERVATIONS at 13h. G.M.T. 11th March														OBSERVATIONS at 18h. G.M.T. 11th March														PAST 24 HOURS.				
		Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind (3-4)		Temp. (5)	Humid. (6)	Dew Point (7)	Visibility (8)	Cloud (9-12)			Barom. at M.S.L. (16)	Change in 3 hours (17)	Wind (18-19)		Temp. (21)	Humid. (22)	Dew Point (23)	Visibility (24)	Cloud (25-28)			Barom. at M.S.L. (31)	Change in 3 hours (32)	WEATHER.								
				Dir. (3)	Force (4)					Form (9)	Amount (10)	Height of Base (11)			Dir. (18)	Force (19)					Form (25)	Amount (26)	Height of Base (27)			7h.-13h. (39)	13h.-18h. (40)	18h. to 12h. (41)	1h.-7h. (42)					
																														Low (10)	Med. (11)	High (12)	Low (25)	Med. (26)
1	London (Kew) Croydon S. Farnborough Boscombe Down Thorney Island Lymington Manston	13.5 14.1 13.3 13.6 13.0 15.3 14.4	-12 -10 -14 -10 -16 -8 -8	- SSE - SSE E'S - -	0 1 0 1 2 2 0	rf rf rf rf rf rf rf	42 41 42 44 46 38 40	97 97 97 97 97 97 97	41 40 41 44 46 38 38	3 4 4 5 6 4 5	- - - - - - -	10 10 10 10 10 10 10	10 10 10 10 10 10 10	4150 800 1600 500 450 200 1500	13.8 14.2 14.0 13.7 12.8 14.8 14.1	+2 +2 +6 +4 -2 +2 -2	ENE NE'E ENE E'N E'N ENE NE	2 2 3 3 1 1 2	rf rf rf rf rf rf rf	40 39 41 41 45 38 37	92 97 97 97 92 97 92	38 39 39 39 43 38 35	2 2 1 3 2 4 3	5 5 - - - - -	2 - - - 2 - -	7-8 10 10 10 10 10 10	1500 4150 4150 4150 1500 700 1400	1 1 1 1 1 1 1	3 3 3 3 3 3 3	rr, rff af, r, m er, r, fo od, f, d, d f, d, r, r f, m, r, r f, m, r, r	rf, r, fo of, d, r er, r, fo od, f, d, d f, d, r, r f, m, r, r f, m, r, r	pt, r, r, c er, r, r, c er, r, r, c od, m, r, f on, r, d, d er, r, m, r er, r, m, r	ct, d, c er, m, d er, m, d od, m, b od, m, b er, m, d er, m, d er, m, d	
2	Shoeburyness Felixstowe Gorleston Mildenhall Granwell	14.8 14.7 15.2 14.7 15.0	-10 -6 -2 -2 +4	- - - - NE'N	0 0 0 1 2	rf Z Z Z Z	40 35 36 40 38	92 97 92 85 92	37 34 31 35 36	4 5 6 5 5	- - - - -	10 10 10 9 10	10 10 10 9 10	2500 4500 2000 4000 4500	14.8 14.9 15.4 14.8 15.4	+2 +2 +2 +10 +4	NE NE NE NE NE'E	1 2 2 3 2	rf Z Z c c	37 36 40 40 37	97 92 85 75 85	36 33 53 31 31	4 5 6 6 7	5 2 7 5 7	- - - - -	2 - - - -	10 10 9 10 9	1500 3000 2000 5000 3000	1 1 0 0 1	3 1 1 1 1	fe, r, r, c er, r, m, c er, r, m, c er, r, m, c er, r, m, c	er, r, m, c er, r, m, c er, r, m, c er, r, m, c er, r, m, c	of, r, c, m er, m, b, c er, m, b, c er, m, b, c er, m, b, c	er, m, b, c er, m, b, c er, m, b, c er, m, b, c er, m, b, c
3	Birmingham Upper Heyford	14.3 14.0	0 -8	NE NE	2 2	of rf	41 39	97 97	3 3	5 5	- -	10 10	10 10	800 450	15.2 14.0	+4 +6	E ENE	3 3	m rf	37 37	85 97	33 36	4 3	6 5	2 2	- -	7-8 9	800 300	1 1	3 3	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c
4	Ross-on-Wye	15.2	-8	NE	2	of	41	97	40	3	5	-	10	500	13.6	+4	NE'E	2	rf	40	97	40	3	5	2	-	10	500	1	3	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c
5	Hartland Point Bristol Portland Bill Plymouth The Lizard Scilly (St. Mary's) Guernsey	11.8 13.5 13.2 14.3 13.4	+2 -6 -2 +8 0	WSW - SW WSW WSW	3 0 2 3 4	rf df Z rf c	47 45 49 50 52	97 97 97 97 97	47 45 49 50 52	5 3 5 3 6	5 5 5 5 5	- - - - -	10 10 10 10 10	400 400 300 400 1200	11.2 13.8 12.9 13.1 12.4	-2 +4 -2 -4 -6	WSW - W W W'S	2 0 3 4 2	rf rf id c c	47 41 48 48 50	97 97 97 97 92	47 41 48 48 48	2 3 4 7 7	5 - 5 8 5	- - - - -	10 10 10 9 10	300 450 200 1500 1200	1 1 1 1 1	3 4 4 4 3	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	
6	Pembroke Holyhead Chester (Sealand)	11.9 13.4 14.1	0 +2 +2	E'N NNE NE'E	3 3 2	rf m bef	45 44 45	97 85 75	45 39 38	1 4 3	- - -	10 9 4	10 9 4	450 - 5000	11.7 12.0 14.7	-2 -6 +8	E'S NE ESE	3 4 3	rf m m	45 41 40	97 85 75	45 38 34	4 5 5	5 2 2	- - -	10 10 9	600 5000 2100	1 1 1	3 3 3	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	
8	Manchester	14.5	+2	NE'E	3	m	40	85	36	4	5	-	10	5000	14.4	-2	E'N	3	Z	38	85	34	5	5	-	9	9	6000	1	3	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c
10	Spurn Head Catterick Tynemouth	15.5 16.5 16.9	+16 0 +4	NNE NNE N	3 3 5	c c bc	39 40 39	85 65 85	34 29 35	7 7 8	2 - 2	- - -	7-8 7-8 2-3	2500 2800 2400	15.8 16.6 16.9	+2 +6 0	NE NE N	3 2 4	c c bc	37 35 36	85 85 85	33 28 32	7 7 8	5 5 2	- - -	2-3 2-3 4-6	2500 4000 3200	0 1 1	3 3 3	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	
11	St. Abbs Head Leuchars	16.5 16.7	+8 +4	NNW NNE	3 3	c c	36 40	75 55	27 26	9 8	2 1	- -	4-6 4-6	2400 3500	16.1 16.7	-4 -2	NNW N	2 1	c/p bc	35 35	75 75	28 28	9 8	4 6	- -	7-8 2-3	2400 5000	4 1	3 3	er, r, r, c er, r, r, c				
12	Renfrew (Abbots I.) Eskdalemuir Point of Ayre	17.1 16.1 15.7	-2 +4 +2	NE NE'E ENE	2 3 4	c bc b	40 36 41	55 55 75	24 22 33	9 7 7	1 - -	- -	4-6 2-3 1	3500 3800 3000	16.4 16.4 14.6	-6 -2 -8	ENE NE E	2 2 4	bc bc bc	36 31 40	65 65 65	24 21 31	7 8 8	3 5 -	- - -	4-6 2-3 0	3500 3200 3000	1 8 0	3 3 4	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	
13A	Tiree	17.6	0	ENE	1	bc	41	55	22	9	1	3	5	3500	16.2	-6	-	0	bc	38	65	32	9	1	3	-	4-6	3500	0	3	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c
13B	Stornoway	13.9	+6	E	2	c/p	35	92	31	8	2	7	-	800	17.7	0	-	0	c	36	85	30	9	5	7	-	4-6	1200	1	1	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c	er, r, r, c er, r, r, c
15	Dalwhinnie Aberdeen Wick	17.7 16.6 16.6	0 +6 -2	N N'W NE'N	2 3 3	bc bc bc	33 37 38	75 65 55	27 27 21	8 8 9	2 3 8	- -	4-6 4-6 2-3	2500 2100 2800	17.3 16.9 16.7	-2 +2 -2	ENE NNW NW	2 2 1	bc c/p c	30 36 36	75 65 65	25 23 25	8 8 8	4 4 4	- -	4-6 7-8 9	2500 1500 2500	4 1 1	2 2 2	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	er, r, r, c er, r, r, c er, r, r, c	
16	Sumburgh	15.6	+14	ENE	3	c	37	45	18	9	8	3	6	3500	16.6	+2	-	0	c	35	55	21	8	7	-	9	4000	0	2	er, r, r, c er, r, r, c				
17	Blackod Point	13.6	-2	E	4	c	43	75	36	7	5	-	6	1500	09.8	-16	E	4	Z	44	85	40	6	5	-	10	1500	0	4	er, r, r, c er, r, r, c				
18	Malin Head Aldergrove	16.3 15.9	+4 0	E ENE	3 2	bc Z	41 45	65 65	30 32	8 6	1 -	- -	2-3 2-3	5700 2500	14.6 14.8	-10 -2	E E	4 1	c c	40 36	65 75	29 30	8 7	5 7	- -	2-3 1	5700 2500	0 1	2 1	er, r, r, c er, r, r, c				
19	Birr Castle	12.7	-2	ENE	2	id	43	92	41	6	5	-	10	1500	11.5	-4	E	2	id	39	85	35	6	5	-	10	1500	1	1	er, r, r, c er, r, r, c				
20	Valentia Obay. Roches Point	09.9 11.8	0 0	SSE E	4 5	dd dd	53 45	97 97	52 44	6 5	5 5	- -	10 10	450 220	09.1 10.9	-4 -8	S'E E	4 5	dd m	52 44	97 97	51 43	6 4	5 5	- -	10 10	450 220	1 1	2 5	er, r, r, c er, r, r, c				

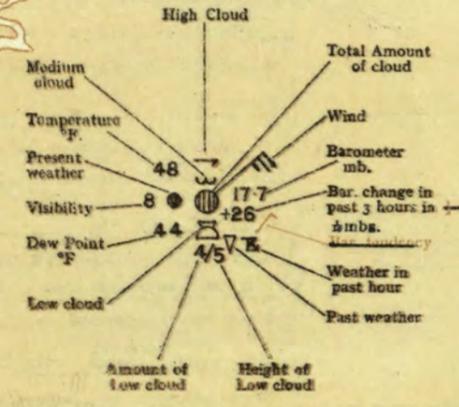
DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 12th March 1942.		
1 S.E. England	Light or moderate east wind, fresh locally, later cloudy; slight sleet or snow locally; cold; night frost.	16 Orkneys and Shetlands	
2 E. England	Light or moderate east wind; clear intervals in east of area; snow showers locally; cold; night frost.	17 N.W. Ireland	
3 E. Midlands	Light or moderate east wind; clear intervals in east of area; snow showers locally; cold; night frost.	18 N.E. Ireland	
4 W. Midlands	Light or moderate east to southeast wind, strong locally later, dull; occasional rain, sleet or snow; cold.	19 S.E. Ireland	
5 S.W. England	Moderate southeast wind fresh locally on coasts; cloudy; occasional rain; local coast fog; average temperature rather mild.	20 S.W. Ireland	
6 South Wales	Light or moderate southeast wind, fresh locally later; cloudy; occasional rain; local coast fog; average temperature rather mild.	<b>GENERAL INFERENCE</b>	
7 North Wales	Light or moderate southeast wind, fresh locally later; cloudy; light sleet or snow changing to rain; cold.	Pressure is high to eastward of the British Isles, and disturbances are moving between N. and N.W. to southwestward of the country. Weather will remain cold or rather cold in the eastern counties and become very mild in Ireland. Between the two air masses there will be a rather prolonged period of rain and sleet over a rather wide area. Slight snow is likely occasionally on the eastern edge of the precipitation belt.	
8 N.W. England	Light or moderate southeast wind; clear intervals; local snow showers; cold; night frost.	<b>FURTHER OUTLOOK</b>	
9 N. Midlands	Freshening southeast wind; dull, occasional sleet or snow changing to rain; cold, becoming milder.	Probably continuing cold in the East but rather mild in the West	
10 N.E. England	Light or moderate southeast wind, fresh locally later; cloudy; light sleet or snow changing to rain; cold.	N. K. JOHNSON, D.Sc. A.R.C.S., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2	
11 S.E. Scotland	Light or moderate southeast wind, fresh locally later; cloudy; light sleet or snow changing to rain; cold.	Forecasts issued at 10.30 A.M.T.	
12 S.W. Scotland & Isle of Man	Light or moderate southeast wind; clear intervals; local snow showers; cold; night frost.		
13A W. Scotland	Freshening southeast wind; dull, occasional sleet or snow changing to rain; cold, becoming milder.		
13B N.W. Scotland	Light or moderate southeast wind, fresh locally later;		
14 Mid Scotland			
15 N.E. Scotland			

7h. Thursday 12th March

1942.



STATION MODEL



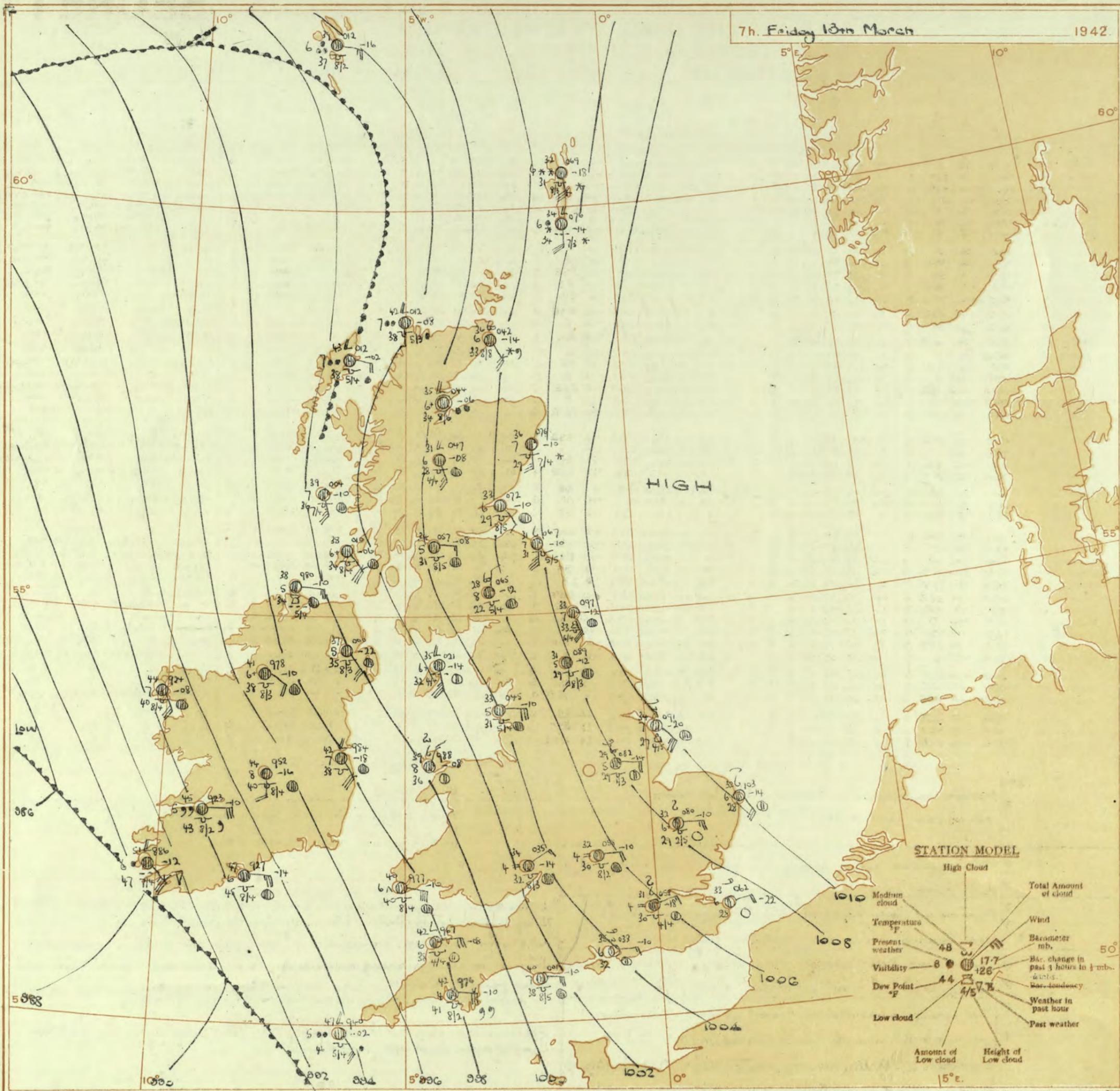






7h. Friday 13th March

1942





District.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. Friday 13th March															OBSERVATIONS at 7 hr. G.M.T. Friday 13th March															PAST 24 HOURS.							
		Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Dew Point.	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Dew Point.	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUB-SHINING.	
					Dirce.	Force.						Form.	Amount.	Height of Base (feet).	Form.	Amount.			Height of Base (feet).	Dirce.						Force.	Form.	Amount.	Height of Base (feet).	Max. Day 7h-18h °F.			Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.			
1	London (Kew) 18	08.4	-18	ESE	3	m/d	35	85	32	4	5	10	10	2400	05.3	-18	ESE	3	m	31	92	30	5	5	4	7.8	9	2500	1	40	33	29	-	Tr	0.0				
	Croydon ... 217	07.2	-13	E	4	o/d	35	92	33	5	5	10	10	2000	04.1	-14	ESE	4	Zo	31	92	29	5	5	4	6	4.6	9	1000	1	42	30	28	-	Tr	0.0			
	S. Farnborough 226	06.4	-16	ESE	5	do	35	97	34	4	6	2	7.8	10	200	02.9	-16	E	5	Zo	32	97	31	5	5	8	2.3	4.6	1000	1	41	32	30	0.1	0.1	0.0			
	Boscombe Down 417	06.3	-14	ESE	4	Zo	39	85	34	6	5	10	10	1900	03.3	-10	E	3	Zo	35	95	32	6	1	3	2	0	4.6	-	1	43	34	29	-	-	-			
	Thorney Island 10	10.2	-14	ESE	5	Zo	33	92	31	6	5	10	10	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8				
	Lympne ... 346	09.6	-18	ESE	4	Zo	33	86	29	6	5	10	10	1000	06.4	-12	E	5	Zo	33	85	28	6	1	6	0	7.8	-	3	37	32	28	-	-	-	3.6			
	Manston ... 154	09.6	-18	ESE	4	Zo	33	86	29	6	5	10	10	1000	06.4	-12	E	5	Zo	33	85	28	6	1	6	0	7.8	-	3	37	32	28	-	-	-	3.6			
2	Shoeburyness ... 11	11.2	-16	ESE	5	Zo	33	85	30	6	5	10	10	1200	08.3	-10	ESE	6	Zo	33	85	28	6	1	7	0	7.8	-	1	38	32	29	-	-	-	0.1			
	Folixstowe ... 15	13.0	-20	ESE	6	Zo	33	85	30	6	8	10	10	10	10	10	10	10	32	85	28	6	1	4	3	0	7.8	-	0	37	30	30	-	-	-	*			
	Gorleston ... 5	10.9	-18	ESE	4	Zo	32	85	28	6	5	10	7.8	1400	08.0	-10	ESE	5	Zo	32	85	29	6	5	6	1	7.8	2500	0	41	31	26	-	-	-	0.9			
	Mildenhall ... 19	10.9	-14	ESE	4	Zo	30	87	29	6	5	10	10	1000	08.2	-14	ESE	4	Zo	29	87	29	5	5	7	2	Tr	9	200	3	40	29	28	-	-	-	0.3		
	Cranwell ... 240	10.9	-14	ESE	4	Zo	30	87	29	6	5	10	10	1000	08.2	-14	ESE	4	Zo	29	87	29	5	5	7	2	Tr	9	200	3	40	29	28	-	-	-	0.3		
3	Birmingham ... 535	08.5	-14	ESE	4	Zo	33	92	30	6	5	10	10	900	05.8	-10	E	4	m	32	92	30	4	5	1	10	10	500	1	38	31	31	0.3	0.1	-	6.0			
	Upper Heyford 408	08.5	-14	ESE	4	Zo	33	92	30	6	5	10	10	900	05.8	-10	E	4	m	32	92	30	4	5	1	10	10	500	1	38	31	31	0.3	0.1	-	6.0			
	Ross-on-Wye 223	08.5	-14	ESE	4	Zo	33	92	30	6	5	10	10	900	05.8	-10	E	4	m	32	92	30	4	5	1	10	10	500	1	38	31	31	0.3	0.1	-	6.0			
5	Hartland Point 299	08.2	-12	E	6	bc	42	85	38	6	5	10	4.6	4.6	1300	06.7	-8	E	6	c	42	85	38	6	5	1	4.6	9	1000	1	45	40	40	-	-	-	0.5		
	Bristol 209	06.6	-12	ESE	2	do	36	92	34	3	5	10	10	600	03.4	-18	ESE	4	Zo	36	85	33	5	5	2	9	10	1300	1	41	36	35	0.1	Tr	-	0.0			
	Portland Bill ... 32	03.1	-2	E	5	o	40	92	38	7	5	10	10	2500	00.1	-10	E	5	o	40	92	38	7	5	1	10	10	2500	1	41	38	-	-	-	-				
	Plymouth ... 82	00.7	-10	ESE	7	m	42	97	41	4	5	10	10	300	07.6	-10	ESE	6	m/d	42	97	41	4	5	1	10	10	300	1	44	41	40	-	-	-	0.0			
	The Lizard ... 240	07.9	-12	E	6	m	45	97	45	4	5	10	10	800	03.4	-8	E	6	m	46	97	44	4	5	1	10	10	800	0	48	44	-	-	-	-	0.0			
	Scilly (St. Mary's) 163	05.5	-14	ESE	6	c	47	97	46	6	5	10	10	1300	04.0	-2	ESE	5	tofo	47	97	46	5	5	2	7.8	10	1000	4	48	46	-	-	-	-	0.0			
	Guernsey ... 175	05.5	-14	ESE	6	c	47	97	46	6	5	10	10	1300	04.0	-2	ESE	5	tofo	47	97	46	5	5	2	7.8	10	1000	4	48	46	-	-	-	-	0.0			
6	Pembroke ... 142	01.4	-6	ESE	8	cg	39	92	36	5	8	2	7.8	10	1500	07.7	-10	ESE	8	cg	40	92	40	6	5	1	10	10	1500	1	42	-	-	-	-	-	0.0		
	Holyhead ... 26	02.4	-16	ESE	3	Zo	38	92	36	5	5	10	2.3	2.3	2500	08.8	-4	ESE	3	c	39	92	36	8	4	9	0	9	-	1	2	48	36	31	0.3	-	-	-	
	Chester (Sealand) 16	07.8	-6	ESE	4	Zo	34	75	28	6	5	10	10	1900	10.7	-12	ESE	3	Zo	34	85	30	5	5	1	10	10	1200	1	38	33	32	0.2	Tr	-	0.0			
	Manchester ... 235	08.9	-14	E	4	o	32	89	28	6	5	10	10	3000	05.7	-16	E	4	Zo	31	82	29	6	5	3	2.3	9	3000	3	37	31	29	-	-	-	-			
10	Spurn Head ... 29	11.9	-16	ESE	7	cg	33	97	32	7	8	10	7.8	7.8	2500	09.1	-18	ESE	7	c	34	75	27	7	2	6	4.6	7.8	2500	0	36	31	30	-	-	-	2.4		
	Catterick ... 175	11.8	-8	ESE	3	Zo	31	92	29	6	5	7	7.8	10	800	08.9	-12	ESE	3	Zo	31	92	29	5	5	1	10	10	900	3	36	30	30	-	-	-	0.0		
	Tynemouth ... 108	11.9	-10	ESE	7	cg	33	92	32	7	8	10	9.4	9.4	1300	09.7	-12	ESE	6	c	33	97	33	7	8	1	9	9	1500	1	36	33	-	-	-	-			
11	St. Abbs Head 280	09.2	-6	S	7	c	32	85	29	7	5	2	7.8	10	1500	06.7	-10	S	7	c	31	97	31	7	5	4	7.8	9	2000	4	37	30	-	-	-	-			
	Leuchars ... 36	09.1	0	ESE	4	c	34	85	31	6	5	10	10	1500	07.2	-10	ESE	2	Zo	33	85	29	6	5	1	10	10	3000	8	38	33	33	Tr	0.1	0.1	0.7			
	Bentley (Abbots L.) 19	08.0	-6	E	2	o/d	35	85	32	4	5	10	2.3	10	1500	05.7	-8	ESE	3	Zo	34	85	31	5	5	1	10	10	3000	1	37	34	33	1	0.1	0.0			
	Eskdalemuir ... 794	08.0	-6	E	2	o/d	35	85	32	4	5	10	2.3	10	1500	05.7	-8	ESE	3	Zo	34	85	31	5	5	1	10	10	3000	1	37	34	33	1	0.1	0.0			
	Point of Ayre ... 30	09.4	-6	ESE	7	Zo	36	85	32	6	6	2	7.8	10	1500	02.1	-12	ESE	7	Zo	35	85	32	6	6	2	4.6	9	1500	0	37	35	-	-	-	0.0			
13A	Tiree ... 22	02.5	0	ESE	6	o	39	85	36	6	5	10	10	1200	00.4	-10	ESE	5	c	39	85	36	7	5	1	9.4	9.4	1500	0	39	38	-	-	-	-				
	Stormoway ... 80	02.0	-2	S	6	Tr	42	85	37	6	5	2	9	10	1500	01.2	-2	ESE	4	tofo	43	85	38	7	5	2	7.8	10	1500	1	39	35	-	-	-	0.9			
15	Dalwhinnie ... 1176	08.9	-8	ESE	5	o	31	85	28	6	5	10	05.2	-8	ESE	5	o	31	85	28	6	5	5	2	4.6	10	1500	4	32	29	28	Tr	-	-	0.4				
	Aberdeen ... 79	08.9	-8	ESE	5	to	32	92	30	5	5	10	10	1100	04.3	-10	S	5	c	36	75	29	7	5	1	9.4	9.4	1800	1	38	33	32	Tr	1	-	1.8			
	Wick ... 119	06.4	-16	ESE	6	Tr	38	97	34	5	6	2	9	10	600	04.2	-14	ESE	5	c/d	36	85	33	6	1	7	10	10	7200	1	38	33	-	-	-	-			
	Sumburgh ... 30	11.0	-14	ESE	7</																																		

# SECRET

Saturday, 14th March 1942

No. 29332

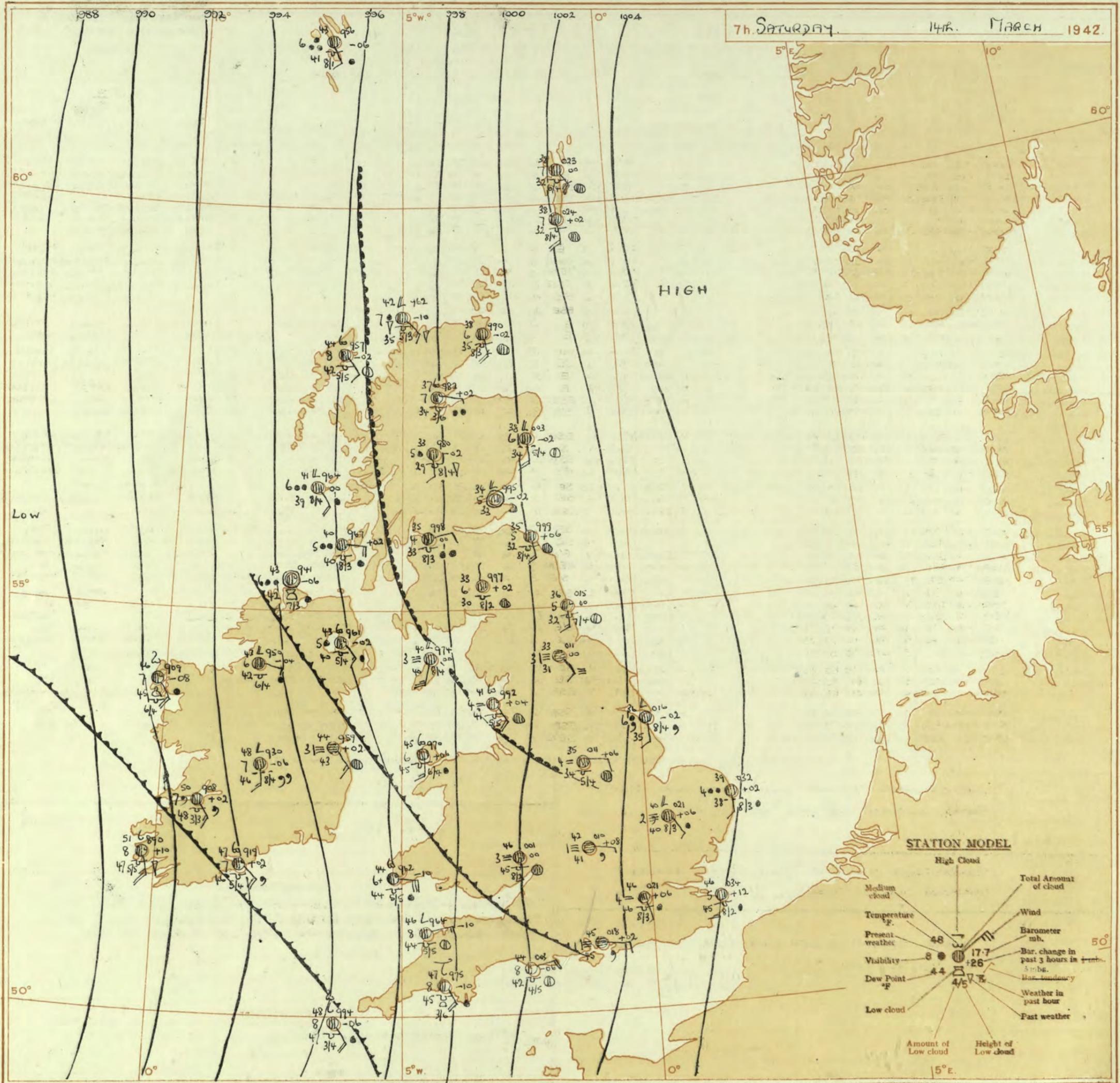
Page 1

BRITISH SECTION

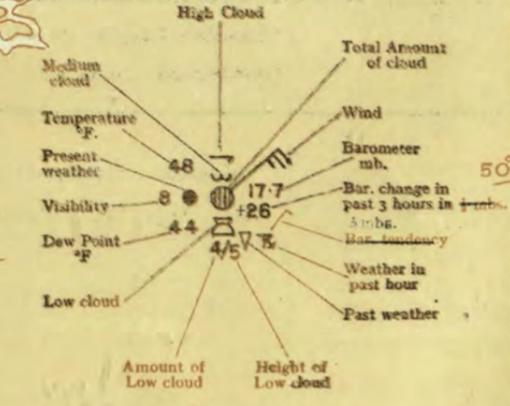
## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

OBSERVATIONS at 13h. G.M.T. 13th March															OBSERVATIONS at 18h. G.M.T. 13th March															PAST 24 HOURS.												
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Dew Point. °F. (8)	Visibility. 0-9 (9)	Cloud. (10) (11) (12)			Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind. (18) (19)		Weather. (20)	Temp. °F. (21)	Humid. % (22)	Dew Point. °F. (23)	Visibility. 0-9 (24)	Cloud. (25) (26) (27)			Barom. at M.S.L. (31)	Change in 3 hours. (32)	WEATHER.														
				Dir.	Force.						Form.	Amount.	Height of Base (feet) (15)			Dir.	Force.						Form.	Amount.	Height of Base (feet) (30)			State of Ground. (33)	Sea. (34)	7h.-13h. 13th. (39)												
																														Low.	Med.	High.	Low.	Med.	High.	13h.-18h. 13th. (40)	18h.-13th. 14th. (41)	1h.-7h. 14th. (42)				
1	London (Kew)	01.6	-2.2	ENE	4	z	43	65	32	5	-	-	0	0	-	00.7	-0.6	E	3	m	42	75	37	4	-	5	2	0	7.8	-	1	*	bcmbzo	bcbz2	cm	bc	bc	bc	bc			
	Croydon	01.3	-1.2	E'S	4	z	42	65	27	6	-	1	0	2.3	-	00.9	-2	E	3	m	45	75	37	4	-	7	6	0	7.8	-	1	*	bcmbzo	bzobcz2	cm	bc	bc	bc	bc			
	S. Farnborough	01.0	-1.4	ESE	3	z	49	65	36	7	-	2	0	7.8	-	99.7	+2	SE'E	2	z	47	75	37	6	-	7	6	0	9	-	1	*	bcmbzo	bcmbzo	cm	bc	bc	bc	bc			
	Boscombe Down	01.3	-1.2	ESE	4	z	44	85	38	6	5	-	3	3	1500	00.1	+4	SSE	4	z	43	85	39	6	5	7	-	4.6	10	4000	0	1	*	bcmbzo	cm	bc	bc	bc	bc	bc		
	Thorney Island	01.9	-6	E	5	z	45	75	36	7	5	7	2	4.6	2500	00.4	-4	E'S	4	z	45	75	38	6	-	7	-	0	9	-	1	*	cmobcm	cmobcm	cm	bc	bc	bc	bc			
	Lympe	04.1	-1.2	E	3	z	43	75	34	6	-	5	0	1	-	02.2	-6	E	2	z	43	85	38	6	-	4	6	0	7.8	-	1	*	bcmbzo	bcbz2	cm	bc	bc	bc	bc			
Manston	03.0	-2.4	E'S	4	z	40	75	33	6	-	1	0	1	-	01.9	-6	E	2	z	39	85	36	5	-	4	6	0	7.8	-	1	*	cm	bzobcm	cm	bc	bc	bc	bc				
2	Shoeburyness	04.7	-1.4	E	5	bc	39	75	31	6	-	2	0	2.3	-	02.6	-1.2	E	4	c	38	85	35	6	-	6	0	7.8	-	1	*	cmobcm	cmobcm	cm	bc	bc	bc	bc				
	Felixstowe	05.3	-1.8	E'S	5	bc	39	76	31	7	-	7	6	0	2.3	-	02.4	-1.4	ENE	3	z	37	85	33	6	-	2	0	0	-	0	6	*	cmobcm	cmobcm	cm	bc	bc	bc	bc		
	Gorleston	07.4	-1.4	SE	5	z	36	75	27	6	-	7	0	4.6	-	04.1	-1.4	SE'S	4	z	37	85	32	6	-	7	-	0	2.3	-	0	6	*	cm	bcmbzo	cmobcm	cm	bc	bc	bc	bc	
	Mildenhall	03.7	-2.2	E'S	4	z	44	65	32	6	-	1	0	2.3	-	02.4	-2	ESE	3	z	39	75	33	6	-	6	0	4.6	-	0	6	*	bcmbzo	bzobcz2	cm	bc	bc	bc	bc			
	Cranwell	04.2	-3.8	E'S	5	z	41	65	30	6	-	1	0	1	-	01.9	-6	E'S	4	z	39	85	35	6	-	4	4	0	7.8	-	1	*	cm	bzobcm	cm	bc	bc	bc	bc			
3	Birmingham	01.7	-2.0	E	4	c	43	65	32	6	-	6	0	7.8	-	00.5	-4	ESE	3	c	43	75	36	6	-	7	-	0	7.8	-	1	*	cm	bc	bc	bc	bc	bc	bc			
	Upper Heyford	02.1	-1.6	ESE	3	z	46	65	33	6	-	6	0	2.3	-	99.5	-8	E	3	z	43	75	36	5	5	-	6	2.3	7.8	5000	1	*	cmobcm	bcz2	cm	bc	bc	bc	bc			
4	Ross-on-Wye	01.1	-1.6	E	3	z	42	85	36	5	5	3	9	10	800	98.9	-8	E	2	z	46	75	39	5	5	7	-	7.8	9	-	1	*	cm	bcz2	cm	bc	bc	bc	bc			
5	Hartland Point	97.1	-4	ENE	3	c	42	92	40	6	5	1	7.8	10	700	96.4	-6	NNE	3	rr	42	92	40	6	6	2	-	7.8	10	700	1	3	*	cm	bcz2	cm	bc	bc	bc	bc		
	Bristol	01.6	-1.0	ESE	3	z	42	85	36	5	5	-	10	10	1400	99.6	0	SE	3	rr	45	85	40	6	5	7	-	2.3	10	2500	1	3	*	cm	bcz2	cm	bc	bc	bc	bc		
	Portland Bill	99.8	-6	E	5	0	40	85	38	7	5	-	10	10	2500	99.2	0	E	5	rr	41	85	39	7	5	-	10	10	1100	1	5	0	*	cm	bcz2	cm	bc	bc	bc	bc		
	Plymouth	97.5	+2	ESE	6	bc	42	97	42	4	5	-	10	10	100	97.5	+2	E	4	of	44	97	44	5	5	-	10	10	600	1	4	0	*	cm	bcz2	cm	bc	bc	bc	bc		
	The Lizard	96.8	+1.0	E	4	0	47	92	45	5	5	-	10	10	1000	95.9	+2	ESE	3	of	49	97	49	1	5	-	10	10	400	1	4	0	*	cm	bcz2	cm	bc	bc	bc	bc		
	Scilly (St. Mary's)	95.3	+4	SE'S	3	0	49	97	48	6	5	-	10	10	1000	94.9	-2	SE	3	c	50	97	49	6	5	3	-	7.8	9	1000	1	4	0	*	cm	bcz2	cm	bc	bc	bc	bc	
6	Pembroke	97.7	0	SE'E	7	cy	39	92	38	6	5	1	7.8	10	1500	97.2	0	ESE	6	cy	42	97	42	5	5	-	10	10	1500	1	4	0	*	cm	bcz2	cm	bc	bc	bc	bc		
	Holyhead	96.6	-1.8	ENE	2	bc	53	75	47	7	-	4	2	0	4.6	-	96.8	-2	E	3	z	46	92	45	6	5	7	-	9	10	4500	1	2	0	*	cm	bcz2	cm	bc	bc	bc	bc
7	Chester (Sealand)	01.0	-2.6	SE	4	z	41	65	32	6	-	8	0	9	-	99.4	-2	E	2	z	44	75	34	5	-	7	0	10	-	1	1	*	cm	bcz2	cm	bc	bc	bc	bc			
	Manchester	02.3	-2.2	E	4	z	44	75	36	6	-	6	0	7.8	-	00.0	-2	E'S	4	z	41	85	35	5	-	3	6	0	4.6	-	1	*	cm	bcz2	cm	bc	bc	bc	bc			
10	Spurn Head	06.3	-2.0	SE	6	c	34	92	32	6	8	7	4	4.6	7.8	2500	02.9	-2.0	SE	6	b	36	85	33	6	-	2	0	0	-	0	5	0	*	cm	bcz2	cm	bc	bc	bc	bc	
	Catterick	05.1	-2.6	SSE	3	c	41	65	31	7	8	6	-	4.6	7.8	3500	03.5	-4	SE	3	z	34	85	31	6	5	7	1	2.3	9	2500	1	*	cm	bcz2	cm	bc	bc	bc	bc		
	Tynemouth	07.4	-8	SSE	6	c	37	97	36	7	2	3	1	4.6	7.8	2800	04.0	-8	SSE	5	z	35	92	34	6	8	-	3	9	2800	0	4	0	*	cm	bcz2	cm	bc	bc	bc	bc	
11	St. Abbs Head	04.7	-8	SE	6	cy	37	75	30	6	5	4	6	4.6	7.8	2400	01.4	-1.0	SE	7	bcy	35	92	32	6	5	7	-	2.3	4.6	2000	4	4	0	*	cm	bcz2	cm	bc	bc	bc	bc
	Leuchars	04.8	-2.6	SSE	3	z	38	85	33	6	7	-	0	9	-	02.1	-1.4	SE	4	z	37	85	33	6	5	3	2	2.3	9	1500	1	*	cm	bcz2	cm	bc	bc	bc	bc			
12	Renfrew (Abbots I.)	03.5	-1.6	ENE	3	z	40	75	32	5	5	4	2.3	7.8	3000	00.6	-1.2	SE	3	z	41	75	32	5	3	3	-	7.8	9	1000	1	*	cm	bcz2	cm	bc	bc	bc	bc			
	Eskdalemuir	03.2	-1.6	ENE	2	bc	37	75	29	6	3	4	1	4.6	4.6	1800	01.0	-8	NE'S	3	c	36	85	30	6	5	4	-	7.8	9	1700	6	*	cm	bcz2	cm	bc	bc	bc	bc		
13A	Point of Ayre	99.3	-2.0	S'E	7	z	40	75	34	6	6	3	-	4.6	9	1800	97.6	-6	S'E	5	z	41	85	36	6	5	2	-	2.3	9	4000	0	5	0	*	cm	bcz2	cm	bc	bc	bc	bc
	Tiree	99.3	-8	SE	5	c	42	85	37	7	5	7	-	7.8	9	2100	97.1	-2	SE	4	c	43	75	36	7	5	-	9	9	1800	0	5	0	*	cm	bcz2	cm	bc	bc	bc	bc	
13B	Stornoway	99.3	-8	SSE	3	c	45	85	40	7	5	7	-	4.6	9	2500	96.9	-2	E	2	c	44	85	41	8	5	7	-	7.8	10	2500	1	2	0	*	cm	bcz2	cm	bc	bc	bc	bc
	Dalwhinnie	03.3	-4	SSE	4	c	34	75	28	7	8	7	-	4.6	9	1500	01.4	-4	SW	3	c	35	75	24	6	5	3	-	7.8	9	2500	4	*	cm	bcz2	cm	bc	bc	bc	bc		
15	Aberdeen	05.7	-1.4	S	4	z	38	75	31	6	5	7	-	9	10	1200	03.8	-6	S'E																							

7th SATURDAY 14th MARCH 1942



**STATION MODEL**



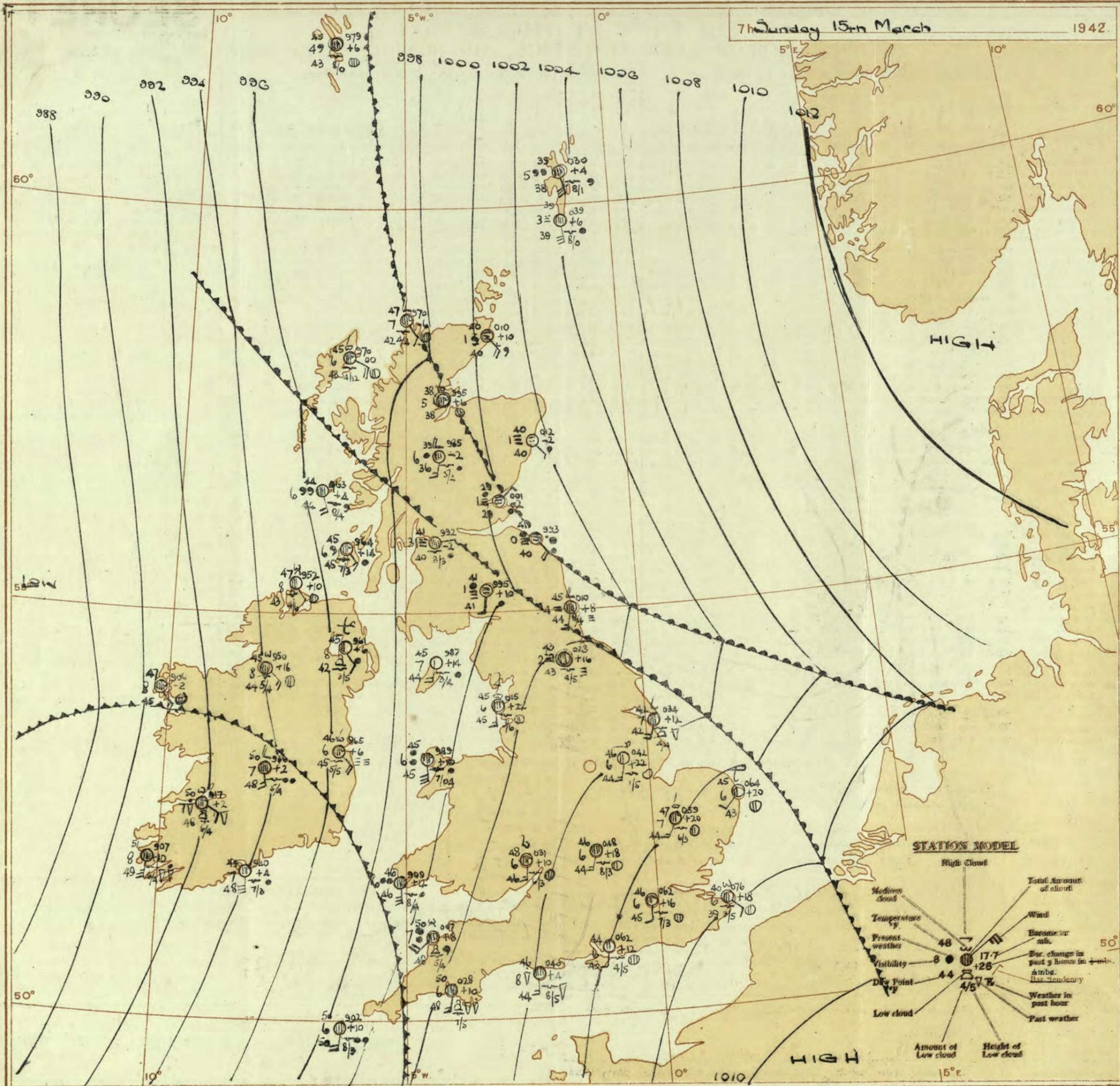


OBSERVATIONS at 1 hr. G.M.T. 14th March															OBSERVATIONS at 7 hr. G.M.T. 14th March															PAST 24 HOURS.								
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Dew Point. °F. (8)	Visibility. (9)	Cloud.					Barom. M.S.L. mb. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (21)	Humid. % (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud.					State of Ground. (31)	Sea. (32)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (38)
					Dirce.	Force.						Form.	Amount.	Height of Base (feet) (15)	Low.	Med.			High.	Low.						Med.	High.	Low.	Med.	High.			Max. Day 7h-18h °F. (33)	Min. Night 18h-7h °F. (34)	Min. on Grass °F. (35)	Day 7h-18h mm. (36)	Night 18h-7h mm. (37)	
1	London (Kew) ... 18							40							02.1	+1.0			F-	43	97	43	1								45	40	35		1	7.2		
	Croydon ... 217		01.0	+2	SSE	2	to fo	45	92	43	4				02.1	+1.0			SSE	46	97	46	1							50	39	36		0.4	8.3			
	S. Farnborough ... 226		00.9	+2	SE'S	2	to fo	44	92	42	5				01.7	+0.6			SSE	46	97	46	3							52	43	41			7.9			
	Boscombe Down ... 417		01.1	+8	SE	1	o/s	43	97	42	5				01.6	+2			F	44	97	44	1							49	41	41		1	0.9			
	Thorney Island ... 10		00.9	+6	ESE	2	ldo	45	97	45	4				01.8	+2			F	45	97	45	1							47	42	40			2			
	Lympe ... 346		02.8	+6	SE	1	to fo	44	97	43	5				02.2	+1.4			S'W	45	97	45	2							45	43	37			0.3	9.4		
	Manston ... 154		01.9	+6	SE	3	to fo	44	92	42	5				03.4	+1.2			SSE	46	97	45	5							43	38	33			0.2	9.3		
2	Shoeburyness ... 11														03.5	+6			SSE	44	97	44	2							40	34	30		1	8.0			
	Felixstowe ... 16		01.9	0	S'W	2	m	38	92	36	4				02.8	+6			S'W	39	97	39	2							40	36	32		3	4.2			
	Gorleston ... 5		03.4	+2	S	2	to fo	35	92	32	6				03.2	+2			S'W	39	97	38	4							38	35	34		3	3			
	Mildenhall ... 19		01.6	-2	SE'E	2	to fo	35	97	34	5				02.1	+6			S'W	40	97	40	2							46	34	28		4	8.9			
	Cranwell ... 240		01.8	-12	E'S	2	m	33	97	33	4				02.1	+6			SSE	35	97	35	4							43	28			0.2	7.7			
3	Birmingham ... 535														01.2	+6			F	41	97	41	0							47	37	34		0.2	1.5			
	Upper Heyford ... 408		00.5	+4	E	2	do do	40	92	38	5				01.0	+8			SSE	42	97	41	1							47	38			0.6				
4	Ross-on-Wye ... 223														00.1	0			of	46	97	45	3							48	45	42			0.1			
5	Hartland Point ... 299		97.8	+6	SSE	3	c	48	92	44	7				96.4	-10			SSE	46	92	44	8							43	41	41	0.5	1	0.0			
	Bristol ... 200		00.3	+4	S	2	o/r	44	97	43	5				00.7	+6			SSE	44	97	44	4							47	43	41		0.2	0.0			
	Portland Bill ... 32		00.7	+6	NE	4	o	43	92	41	7				00.3	-6			SSE	44	92	42	8							41	39		0.5					
	Plymouth ... 82		99.2	+10	SSE	2	o/r	49	97	47	6				2.3	2.3			SSE	47	97	45	7							44	43	43	2	1	0.0			
	The Lizard ... 240		98.0	+10	SSE	3	c	47	97	47	8				95.7	-4			SSE	48	92	47	8							49	44		1	1	0.0			
	Scilly (St. Mary's) ... 163		95.8	+6	SE	4	to fo	49	97	49	6				93.4	-6			SSE	48	97	47	8							52	48		1	1	0.0			
	Guernsey ... 175																																					
6	Pembroke ... 142		97.2	0	SE'S	5	to fo	44	92	42	5				96.2	-6			SSE	44	97	44	6							42	36		Tr	2	0.0			
7	Holyhead ... 26		96.8	+4	SSE	2	to fo	48	97	44	4				97.0	+6			SSE	45	97	45	6							53	43	42	Tr	2				
	Chester (Sealand) ... 16		99.4	-2	SSE	2	to fo	40	88	25	5				99.7	+6			SSE	40	92	38	4							46	40	37		Tr	0.4			
8	Manchester ... 235		00.3	-2	SE	2	to fo	41	85	38	5				00.5	+6			SSE	41	92	39	4							47	36	32		Tr	0.0			
10	Spurn Head ... 29		02.5	0	SE'S	3	to fo	37	92	36	6				01.6	-2			S'W	36	92	35	6							36	35	32		Tr	3.7			
	Catterick ... 175		02.9	-2	SE'S	1	to fo	33	92	31	6				01.1	0			S'W	33	92	33	3							41	32	29		Tr	3.3			
	Tynemouth ... 108		02.9	-4	SSE	4	c	36	85	33	6				01.5	0			S	36	85	32	5							38	35	32						
11	St. Abbs Head ... 280		00.1	-8	SSE	7	cq	35	92	32	7				99.9	+6			SSE	35	92	32	5							38	33							
	Leuchars ... 36		01.1	-6	SE	3	to fo	35	92	33	6				99.3	-2			S	34	92	33	5							42	34	30			1.3			
12	Renfrew (Abbots I.) ... 19		00.5	-2	E	3	to fo	35	85	32	5				99.8	0			SSE	35	92	33	4							43	34	33			1.9			
	Eskdalemuir ... 794														99.7	+2			SSE	33	92	33	6							42	31	28		1	4.4			
	Point of Ayre ... 30		00.5	+2	S	4	to fo	39	92	36	7				97.4	0			S'W	40	97	40	3							43	38		2	2	0.0			
13A	Tiree ... 22		96.6	0	SE'S	4	do do	42	92	40	7				96.4	0			SSE	41	97	39	6							44	40		0.6	0.0				
13B	Stornoway ... 80		96.8	+10	SSE	3	c/pf	44	92	42	7				95.7	-2			SSE	44	92	42	8							46	42		0.1	1	0.5			
15	Dalwhinnie ... 1176														99.5	-2			SSE	33	85	30	5							35	31	30		0.1	1.2			
	Aberdeen ... 79		02.0	+6	SE	4	e	38	85	36	5				00.3	-2			SSE	38	85	34	6							38	35	35			0.0			
	Wick ... 119		00.0	+2	SE'S	6	to fo	37	85	33	6				99.0	-2			SSE	38	92	35	6							40	33							
	Sumburgh ... 30		03.4	+6	S	5	c	39	75	32	8				02.4	+2			SSE	38	75	32	7							39	37	36			0.0			
17	Blackod Point ... 18		92.1	+8	SSE	5	bc	46	92	44	7				90.9	-8			SSE	46	97	42	7							50	44		0.1	0.4				
18	Malin Head ... 84		95.1	0	SE	2	to fo	43	92	41	5				94.1	-6			SSE	43	97	40	6							43	40			1	0.0			
	Aldergrove ... 268		97.0	-2	SE'S	2	to fo	42	97	41	4				96.1	-2			SSE	43	92	40	5							41	40	39	0.3	7	0.0			
19	Birr Castle ... 173														93.0	-6			SSE	48	92	46	7							45	43	42		0.2	0.1			
20	Valentia Obay. ... 30		90.2	-10	SE'E	5	pto	51	85	47	8				89.0	+10			SSE	51	85	47	8							55	30	4.7	0.1	3				
	Roches Point ... 22		93.7	0	SE	6	dd	47	97	47	6				91.9	+2																						



7th Sunday 15th March

1942.







# SECRET

Monday 16th March 1942

No. 2333A

Page 1

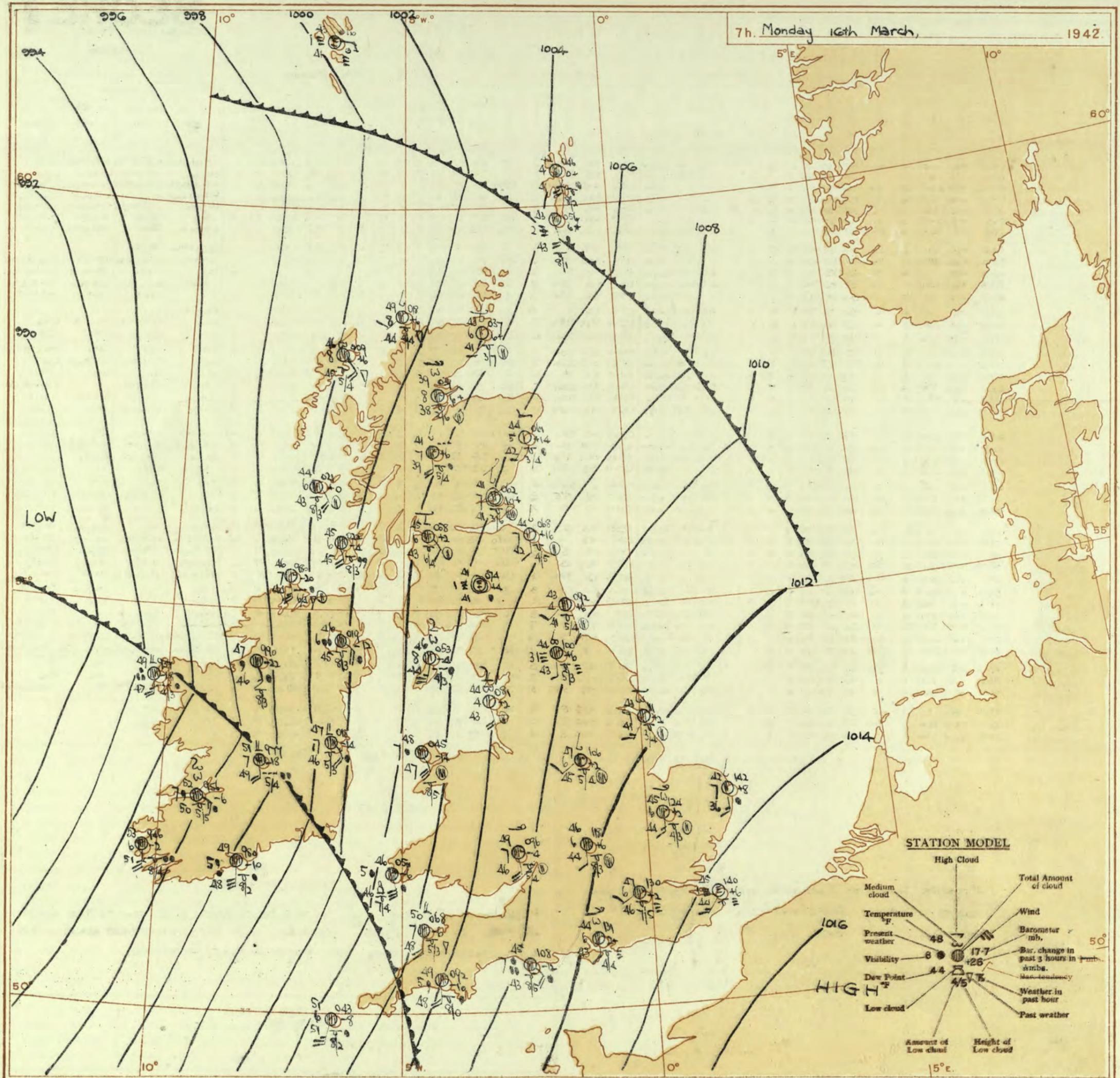
BRITISH SECTION

## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

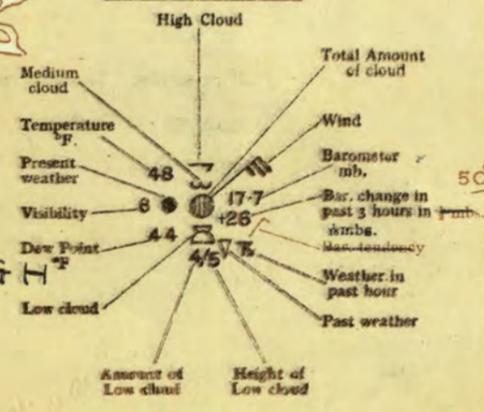
OBSERVATIONS at 13h. G.M.T. 15th March															OBSERVATIONS at 18h. G.M.T. 15th March															PAST 24 HOURS.							
District.	Stations.	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind. (3-4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Dew Point. °F. (8)	Visibility. 0-9 (9)	Cloud. (10-12)			Barom. at M.S.L. (16)	Change in 8 hours. (17)	Wind. (18-19)		Weather. (20)	Temp. °F. (21)	Humid. % (22)	Dew Point. °F. (23)	Visibility. 0-9 (24)	Cloud. (25-27)			State of Ground. 0-9 (31)	Sea. 0-9 (32)	WEATHER.									
				Dir.	Force.						Form.	Amount.	Height of Base. (feet) (15)			Dir.	Force.						Form.	Amount.	Height of Base. (feet) (30)			7h.-13h. 15th. (39)	13h.-18h. 15th. (40)	18h.-15th 16th. (41)	1h.-7h. 16th. (42)						
1	London (Kew)	09.2	+10	SW	4	zo	54	85	48	6	8	3	7.8	7.8	1500	10.1	+4	SSW	3	zo	51	85	45	6	5	-	-	7.8	7.8	2500	1	*	cmobccm.	cpfocmo	cmofocd.	cmo	
	Croydon	09.1	+12	S	4	zo	58	75	50	7	1	3	-	4.6	7.8	1000	10.2	+6	S'W	2	c	54	75	47	7	4	4	4	4.6	7.8	2200	1	*	cmozoc	cmopro	cmofocd	cfcmo
	S. Farnborough	09.4	+18	SSW	4	zo	66	85	50	6	8	-	9	9	1000	09.8	+4	SSW	4	bc/pr	53	75	46	7	3	1	2.3	2.3	1000	1	*	cdodocm.	cmoproc	bcocmo	pbefcmo		
	Boscombe Down	08.5	+10	S'W	4	c	55	85	51	8	3	-	9	9	1200	09.7	+10	SSW	4	bc	51	85	47	7	3	6	2	4.6	4.6	2000	1	*	cdodocpr	c	bcocmo	fbakc	
	Thorney Island	10.7	+22	S'W	2	c	47	85	45	8	6	1	7.8	9	4000	10.6	+6	S	1	pr	47	85	44	7	3	6	1	5	9	4000	1	*	iraproc	cpfocpr	cmofocd	cfcmo	
	Lymington	11.5	+10	SW	2	c	54	75	45	8	1	3	-	1	7.8	2500	12.9	+10	SSE	1	bc	47	85	44	8	3	6	-	7	4.6	5000	1	*	cmoc	bcoc	bcocmo	cmofF
	Manston	10.1	+8	SSW	4	zo	57	75	49	6	5	-	1	2.3	2.3	600	11.8	+12	SE	1	bc	52	85	48	7	3	6	3	7	2.3	2000	1	*	cmobezo	bbc	bcocmo	bmocffe
2	Shoeburyness	10.0	+14	SSW	3	bc	54	75	47	8	8	4	-	2.3	4.6	2500	11.2	+8	S'W	3	c	50	85	45	7	5	3	1	4.6	7.8	2800	1	*	moocpbc	bcvc		cfocfcmo
	Felixstowe	10.0	+14	SSW	3	zo	48	85	43	6	5	-	6	1	2.3	3800	11.3	+10	S	2	bc	42	82	40	7	8	-	1	2.3	2.3	4500	1	2	cmocm.	bcocmo	bcocmo	cfocfcmo
	Gorleston	10.3	+18	S	4	zo	43	75	37	6	2	-	4.6	4.6	2600	11.6	+4	S	3	zo	43	85	39	6	4	-	4	0	2.3	-	1	3	bczo	bczo	bcocmo	cfocfcmo	
	Mildenhall	08.6	+6	SSW	4	zo	57	85	52	6	5	-	4.6	4.6	3000	09.7	+8	S'W	3	c	57	65	47	8	4	6	1	7.8	9	4000	0	*	cmobcmo	bmobbc	bcocmo	bcocmo	
	Cranwell	07.3	+14	S	4	c	54	75	48	7	5	-	5	10	1800	07.8	+6	S'W	3	c	54	85	45	7	5	-	8	7.8	9	2500	1	*	c	bcoc	cmo	bcocmo	
3	Birmingham	05.7	+12	S	4	c	54	75	46	8	8	7	-	4.6	9	2500	07.2	+8	S	4	c	53	85	49	8	8	-	9	9	1500	1	*	bcfoc	c	bcocmo	cmo	
	Upper Heyford	08.3	+24	SSW	3	zo	53	85	48	6	8	-	9	9	1500	08.4	+14	SSW	3	c	58	75	45	8	4	6	6	7.8	7.8	2000	1	*	cmo	cpfocm	bcocmo	cmo	
	Ross-on-Wye	05.6	+12	S'W	4	c	57	75	50	7	8	-	2	7.8	9	2500	07.3	+10	SSW	4	ido	52	85	48	7	8	-	1	9	9	2500	1	*	c	pcpc	c	bcoc
5	Hartland Point	03.8	+14	SSW	4	c	53	85	47	7	8	-	7.8	7.8	1500	06.4	+14	WSW	4	c	50	92	47	7	8	6	-	7.8	9	2000	1	4	croir	cpr	bcoc	bcocpr	
	Bristol	07.0	+10	SSW	5	c	56	75	49	8	2	3	9	4.6	7.8	2000	08.6	+12	SSW	5	bc	51	85	48	8	8	-	9	4.6	4.6	1500	1	*	cpfo	cpfocbc	bcocmo	cpfo
	Portland Bill	08.0	+10	S	3	c	47	92	45	8	5	4	-	4.6	10	4000	09.1	+6	S	3	c	46	92	44	8	5	-	7.8	7.8	4000	1	4	c	c	bcoc	cpfo	
	Plymouth	06.7	+22	S	4	c/r	51	92	49	6	5	2	-	7.8	10	1800	08.3	+12	SSW	5	zo	50	92	49	6	5	-	9	9	800	1	3	cmofo	cfocmo	bcocmo	cfocfcmo	
	The Lizard	03.7	+18	SSW	5	c	49	92	49	7	8	2	-	5	10	1500	07.2	+6	SSW	4	bc	51	92	45	6	4	-	4.6	4.6	2500	0	4	cpfo	bczo	bcocmo	cpfo	
	Scilly (St. Mary's)	03.9	+30	SSW	4	c	52	97	51	6	8	-	7.8	7.8	1200	06.2	+14	SW'S	4	bc	51	97	50	6	4	-	-	2.3	2.3	500	1	4	iforc	cbcbbc	bcoc	cpfo	
6	Pembroke	02.6	+18	S'W	6	fofo	46	97	46	6	5	-	9	9	1800	03.4	+12	SSW	5	zo	47	97	47	6	5	4	-	4.6	4.6	2500	1	4	cfocmo	bcocmo	Fe	cfocmo	
	Holyhead	01.3	+14	S	6	ido	49	97	48	6	5	-	10	10	1000	03.3	+14	S'W	6	df	47	97	47	3	5	-	-	10	10	1500	1	4	cdodom.	fofom.	Ododof	ofcmo	
	Chester(Sealand)	03.6	+10	S'E	3	zo	57	65	47	6	5	7	-	7.8	9	1500	05.0	+14	S'W	1	c	54	75	46	8	2	9	8	2.3	9	1500	1	*	bczo	cpfoc	bcocmo	bcocmo
	Manchester	04.7	+10	S'E	5	c	53	85	48	7	1	4	2	7.8	9	2500	05.6	+12	S'W	5	c	53	85	48	7	2	-	4.6	9	3000	1	*	bcoc	cpfo	bcoc	bcocmo	
10	Spurn Head	07.1	+18	SW	4	c	49	92	46	7	8	-	9	9	2500	07.4	0	SW'S	4	c	42	97	41	6	8	7	-	4.6	9	4000	0	3	bcoc	c	cmo	c	
	Catterick	04.9	+14	SSW	3	zo	54	75	46	6	5	7	-	7.8	10	3000	05.1	72	S'E	3	fo	53	85	49	5	6	2	-	9	10	1200	1	*	bcoc	cmofo	cmobmo	bcocmo
	Tynemouth	04.8	+14	SW	3	bc	50	75	43	6	2	3	-	2.3	4.6	1300	04.4	0	S	4	zo	53	85	48	5	5	-	7.8	7.8	1500	1	4	bcoc	bcocmo	oibcmo	bcocmo	
11	St. Abbs Head	01.3	0	S	4	c	51	85	46	7	4	4	-	4.6	7.8	2500	03.5	+8	S	2	c	48	85	44	6	5	7	-	7.8	10	2500	4	4	cmobcc	cmo	cmofo	bcocbc
	Leuchars	01.9	+16	ESE	2	zo	50	97	50	6	8	3	1	4.6	7.8	2000	02.7	+8	-	0	fofo	48	92	46	6	5	7	-	7.8	9	2000	2	*	oidocmo	pfocfo	fofo	cmo
	Renfrew (Abbots L.)	00.9	+4	S'E	2	pr	51	85	45	6	8	-	10	10	1800	01.9	+6	S	3	c/r	51	85	47	6	5	1	-	9	9	1400	1	*	cfmo	cmofo	pfocmo	bcocmo	
	Eskailemuir	02.4	+16	S	3	dd	45	97	44	4	-	2	-	10	10	100	03.5	+10	S	2	fofo	44	97	44	6	-	2	-	10	10	300	4	*	fofo	fofo	fofo	fofo
	Point of Ayre	01.7	+12	SSW	4	dd	48	97	47	7	6	2	-	7.8	10	800	02.3	+2	SSW	4	bc	49	92	47	7	6	4	6	2.3	4.6	800	1	3	bcocdo	fofo	bcoc	bcocdo
13A	Tiree	08.2	+10	SE'S	4	fo	46	97	45	7	5	-	9	9	1800	08.4	+4	SE'S	3	pr	46	97	45	7	-	2	-	9	9	1500	1	4	cdo	cpfo	cpfo	bcocmo	
13B	Stornoway	07.6	+2	SSE	3	c	47	92	44	6	5	7	-	7.8	10	1500	08.0	+4	SE	2	pr	48	85	45	7	5	7	-	7.8	10	2500	1	2	cdod	cpfo	cpfo	cpfo
15	Dalwhinnie	01.8	+10	SSW	3	c	41	85	37	7	8	4	-	7.8	7.8	2500	01.8	+2	S	3	c	41	92	39	7	5	7	-	4.6	9	2500	4	-	oifoc	cpfo	cpfo	cpfo
	Aberdeen	02.2	+14	S'W	2	m	43	97	39	4	5	-	9	9	1400	03.8	+8	S	2	m	44	92	42	4	5	3	9	2.3	4.6	1700	1	3	cssirir	bcocmz	bcocmo	bcocmo	
	Wick	01.3	+2	SSE	2	fofo	40	97	40	4	5	2	-	9	10	400	01.5	+8	S	2	zo	43	92	41	6	5	4	8	2.3	7.8	1600	1	*	dofo	fofo	fofo	cmo
	Sumburgh	05.3	+6	SSE	5	fo	39	97	38	4	5	-	10	10	300	04.9	-2	SSE	5	df	39	92	33	3													

7h. Monday 16th March,

1942.



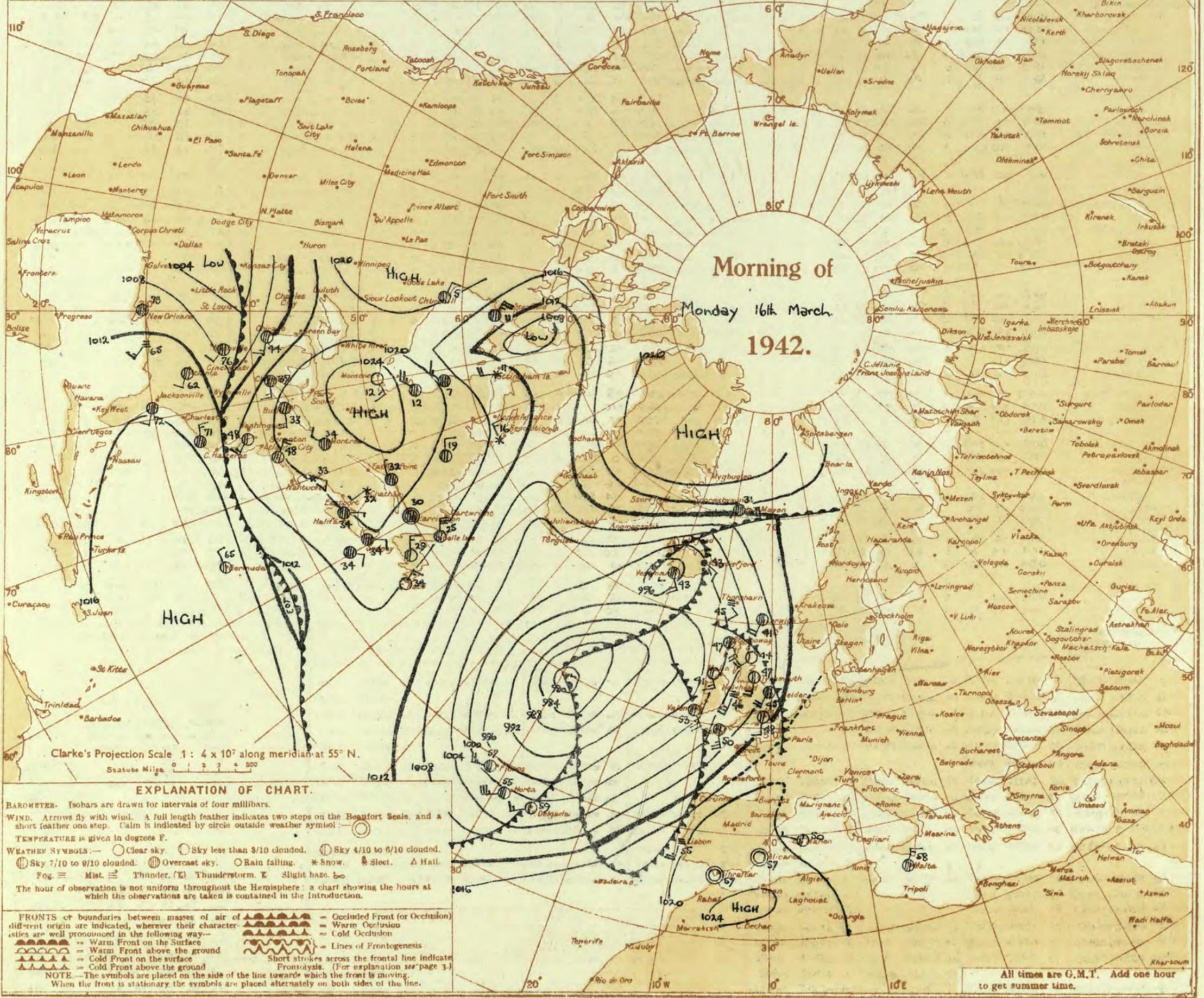
**STATION MODEL**



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)  
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.  
**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.  
**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.  
**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.  
**Frontolysis** is said to occur when a front is in process of dissolution.



Clarke's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
 Statute Miles 0 1 2 3 4 500

## EXPLANATION OF CHART.

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circles outside weather symbol.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.** ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. \* Snow. † Sleet. Δ Hail. Fog. ≡ Mist. ≡ Thunder. (K) Thunderstorm. E Slight haze. ∞  
 The hour of observation is not uniform throughout the Hemisphere: a chart showing the hours at which the observations are taken is contained in the Introduction.  
**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. (For explanation see page 3.)  
**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.

All times are G.M.T. Add one hour to get summer time.

OBSERVATIONS at 1 hr. G.M.T. 16th March

OBSERVATIONS at 7 hr. G.M.T. 16th March

PAST 24 HOURS.

District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Dew Point °F.	Visibility.	Cloud.					Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Dew Point °F.	Visibility.	Cloud.					Barom. at M.S.L. (31)	Sea. 0-9	TEMPERATURE.			RAINFALL.		Sun-shine 15th Hr.		
					Dir.	Force.						Form.	Amount.	Height of Base (feet).	Form.	Amount.			Height of Base (feet).	Form.						Amount.	Height of Base (feet).	State of Ground.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.					
					0-12	0-10						0-10	0-10	0-10	0-10	0-10			0-9	0-9						0-9	0-9	0-9	0-9	0-9			0-9	0-9	0-9	0-9				
1	London (Kew)	18	*	*	*	*	*	49	*	*	*	*	*	*	13.0	+2	SSW	2	z	47	97	46	5	5	-	9+	9+	1500	1	*	56	46	43	Tr	1	3.6				
	Croydon	217	12.8	+10	S	2	bc/d	48	97	47	6	5	2	2.3	4.6	1000	13.0	+2	SSW	2	z	47	97	46	5	5	-	9+	9+	2000	1	*	60	46	43	Tr	0.1	4.4		
	S. Farnborough	226	13.0	+6	SSW	4	z	48	92	46	6	5	-	10	10	400	12.7	+2	SSW	3	z	45	92	46	5	5	-	10	10	800	1	*	58	46	43	0.2	Tr	3.9		
	Boacombe Down	417	12.7	+8	SSE	2	F+	47	97	47	1	-	-	10	10	1500	12.5	+2.2	SSE	3	C	47	97	45	7	5	-	9+	9+	1500	1	*	56	45	44	1	Tr	1.8		
	Thorney Island	10	13.1	+10	SSW	1	F+	44	97	43	3	-	-	10	10	1500	13.1	+2	S	2	z	44	97	43	6	5	3	2	4.6	9	1500	1	*	51	43	39	0.3	0.3		
	Lympne	346	15.0	+10	SE	3	C	36	92	34	7	2	6	4.6	9+	4000	15.2	+6	SSW	1	F-	44	97	44	1	-	-	10	10	1500	1	3	56	44	40	-	0.5	4.5		
	Manston	154	13.6	+10	S	3	z	43	85	46	6	8	-	9+	9+	4200	14.9	+6	SSW	3	F	45	97	44	1	5	-	10	10	1500	1	*	59	44	39	-	0.1	5.7		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	13.9	+4	S'W	3	C	45	97	44	3	-	-	2	0	9	-	1	*	59	40	35	-	-	5.9			
	Felixstowe	15	13.5	+10	SW	2	z	42	97	41	6	-	7	0	7.8	-	13.9	+6	SSW	1	0F+	43	97	42	1	5	-	10	10	400	1	1	50	39	38	-	0.4	4.1		
	Gorleston	5	13.4	+10	SW'S	3	z	46	85	42	6	5	-	9+	9+	1500	14.2	+8	S	3	bc	42	85	36	7	-	4	0	4.6	-	1	2	47	39	37	-	Tr	1		
	Mildenhall	19	12.3	+8	SW	3	z	51	85	47	6	5	-	1.6	4.6	4000	12.4	+2	S	3	z	45	97	44	6	5	3	2	4.6	9	800	1	*	60	43	36	-	0.1	5.5	
	Cranwell	240	10.6	+10	SSW	3	z	49	92	47	6	5	-	10	10	3000	11.0	+2	SSW	2	z	45	97	45	6	5	-	1	2.3	4.6	2000	1	*	59	42	37	-	-	3.3	
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	Upper Heyford	408	11.3	+10	SSW	2	z	48	92	46	6	5	-	7.8	7.8	3500	11.8	+6	S	2	z	46	92	44	6	5	-	10	10	600	1	*	56	46	43	Tr	-	-		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
5	Hartland Point	299	08.4	-2	S	4	bc	49	92	47	7	5	-	2.3	2.3	2500	06.8	-6	S	4	C	50	92	48	7	5	2	-	7.8	10	900	1	4	53	48	46	2	0.2	1.0	
	Bristol	209	11.7	+10	S	3	C	49	92	47	7	5	-	9+	9+	1100	10.8	-6	S	3	z	48	92	46	7	5	7	-	9	10	2500	1	*	56	48	43	0.6	0.2	0.6	
	Portland Bill	32	11.7	+4	SW	3	C	45	92	43	9	5	-	7.8	7.8	4000	10.8	-12	SE	4	rr	45	92	43	7	5	-	10	10	2500	1	4	47	43	-	-	0.6	*		
	Plymouth	82	10.5	+2	S'W	4	z	49	97	48	5	5	-	10	10	1600	09.2	-10	S	4	z	49	97	48	5	5	-	10	10	100	1	3	51	47	47	0.5	4	0.0		
	The Lizard	240	08.8	-2	SSE	4	0	48	97	48	6	5	-	10	10	1500	06.3	0	S	4	m/f	50	97	50	4	5	-	10	10	1000	1	5	53	47	-	1	2	4.4		
	Scilly (St. Mary's)	163	06.4	-12	S	5	0	50	97	50	5	5	-	10	10	1000	04.3	-8	S'W	5	0	51	97	51	6	5	-	10	10	500	1	4	55	45	-	4	1	5.7		
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
6	Pembroke	142	07.8	+2	SSE	5	F	45	97	45	1	-	-	10	10	1500	05.0	-6	SSE	6	z	46	97	46	5	8	-	9+	9+	2000	1	4	47	45	-	2	0.3	0.0		
7	Holyhead	26	06.6	+4	S'W	5	0f	46	97	46	2	5	-	10	10	1500	04.5	-14	SSE	6	z	48	92	47	7	5	-	10	10	2000	1	4	50	45	45	6	0.5	*		
	Chester (Sealand)	16	08.6	+10	S'E	3	z	47	85	44	6	-	-	0	0	-	08.3	-2	SSE	2	z	45	92	43	6	5	7	6	2.3	4.6	2000	1	*	59	45	40	0.1	-	2.4	
8	Manchester	235	09.5	+6	S'E	4	z	49	92	47	6	5	-	7.8	7.8	3000	09.3	-2	S'E	4	z	47	92	45	6	5	-	10	10	2000	1	*	58	45	41	Tr	-	2		
10	Spurn Head	29	10.3	+14	SSW	4	z	45	92	44	6	5	2	-	7.8	10	1500	11.1	+2	SSW	3	C	43	92	41	7	5	5	1	2.3	7.8	1500	0	3	51	40	-	-	4.7	
	Catterick	175	09.1	+14	-	0	z	45	92	43	5	-	-	0	0	-	10.0	+6	S	1	cf+	44	92	43	3	5	7	-	7.8	10	900	1	*	55	41	38	0.1	1	3.2	
	Tynemouth	108	07.5	+6	S	4	bc	47	85	44	6	5	-	2.3	2.3	1500	09.2	+6	SW	2	m	43	92	41	4	5	-	7.8	7.8	1800	1	3	55	43	38	-	2	*		
11	St. Abbs Head	280	04.8	-2	SSE	4	bc	45	92	43	7	5	-	2.3	2.3	2500	06.8	+8	S	2	bc	44	97	42	7	5	4	-	4.6	4.6	2500	1	3	53	43	-	3	0.2	*	
	Leuchars	36	05.1	+6	SSW	1	z	45	92	43	6	5	-	9	9	2200	06.2	+10	-	0	z	41	97	41	7	5	4	4	2.2	4.6	3000	1	*	50	41	33	4	0.4	1.3	
12	Bentley (Abbots I.)	19	05.0	+10	S	2	z	47	85	44	5	8	-	9+	9+	2100	05.8	+2	SE	2	z	45	92	43	6	5	1	1	9	10	1400	1	*	51	43	37	1	4	0.0	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Point of Ayre	30	05.7	+10	SW'S	4	b	45	97	45	7	5	-	Tr	Tr	1000	05.3	-4	S'W	5	C	46	92	44	8	6	3	6	4.6	7.8	800	1	4	50	43	-	2	0.2	0.9	
13a	Tiree	22	01.7	+12	S'E	3	b	45	92	43	8	5	-	1	1	3500	02.1	0	SE	4	0	44	97	43	6	5	-	10	10	800	0	4	49	43	-	0.2	1	1.0		
13b	Stornoway	80	00.0	+14	SE	5	z	47	97	46	7	5	7	-	7.8	10	1500	00.9	+6	SE	4	C	46	97	45	8	5	7	-	7.8	10	2000	1	2	50	46	-	0.1	1	2.0
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	Aberdeen	79	04.6	+4	WSW	4	bc	44	92	42	6	5	-	2.3	2.3	2000	06.1	+14	SSW	1	z	44	92	42	5	5	5	2.3	2.3	1900	1	2	49	42	37	3	0.1	2.2		
	Wick	119	02.4	+2	S'E	3	z	42	97	41	6	5																												

# SECRET

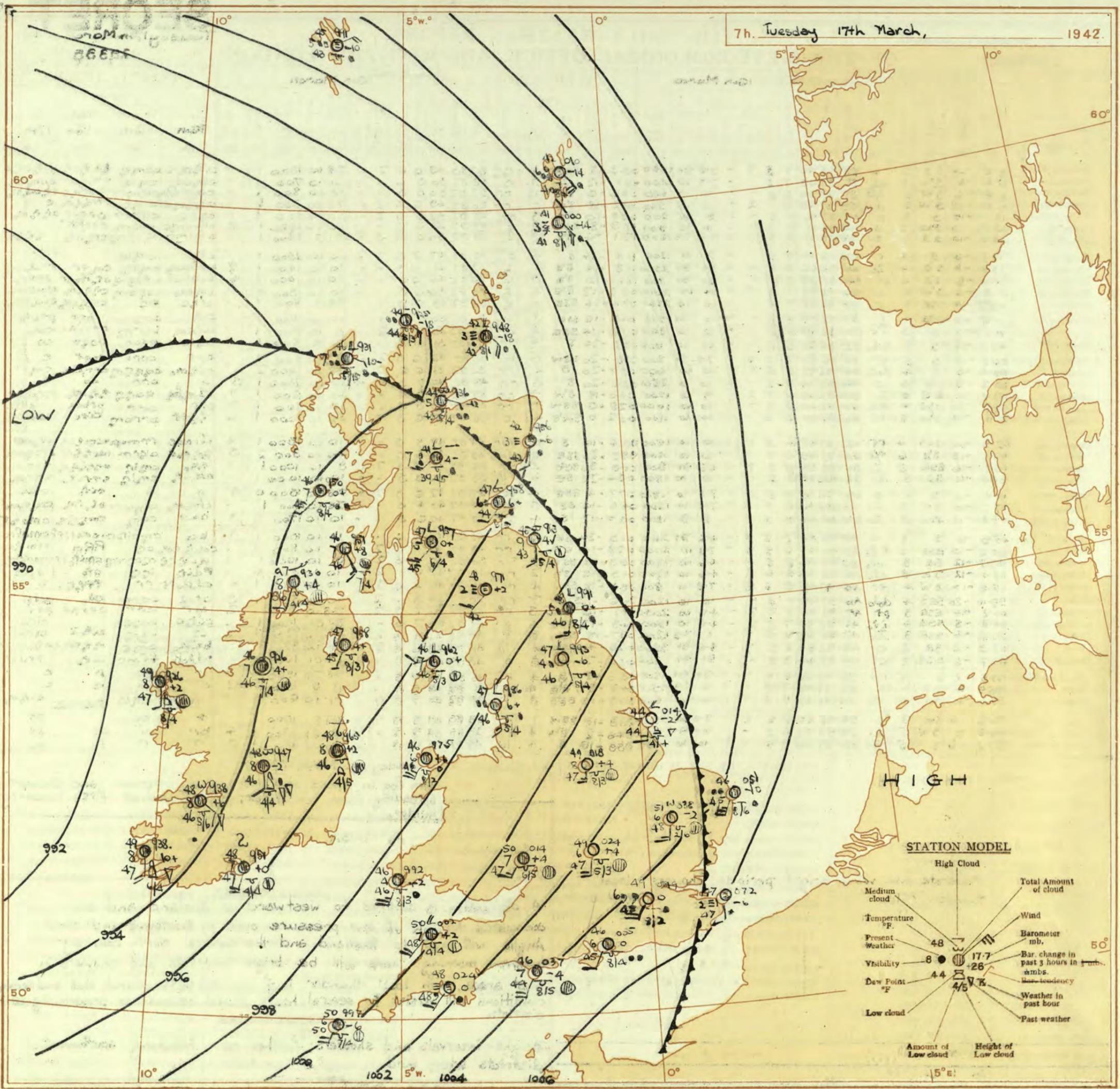
Tuesday 17th March 1942

No 29335

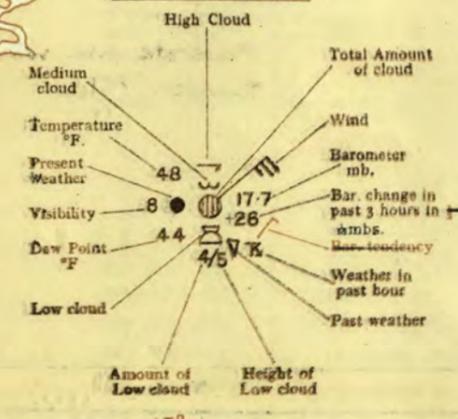
Page 1

BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

OBSERVATIONS at 13h. G.M.T. 16th March															OBSERVATIONS at 18h. G.M.T. 16th March															PAST 24 HOURS.					
District.	STATIONS.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3-4)		Weather. (5)	Temp. °F. (6)	°C. (7)	Humid. % (8)	Dew Point °F. (9)	°C. (10)	Visibility. 0-9 (11)	Cloud. (12-14)			Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind. (18-19)		Weather. (20)	Temp. °F. (21)	°C. (22)	Humid. % (23)	Dew Point °F. (24)	°C. (25)	Visibility. 0-9 (26)	Cloud. (27-29)			State of Ground. (31)	Sea. (32)	WEATHER.			
				Form. (10)	Amount. (11)								Height of Base (feet) (12)	Form. (25)	Amount. (26)			Height of Base (feet) (27)	7h.-13h. 16th. (39)								13h.-18h. 16th. (40)	18h. 16th to 1h. 17th. (41)	1h.-7h. 17th. (42)						
1	London (Kew)	30.2	-0.1	SE	3	c	53	85	48	7	5	7	7-8	9+	1500	03.6	-0.8	SE'S	5	53	85	49	6	6	2	-	7-8	10	1500	1	*	ci, m, c	cm, c	ci, m, c	ci, m, c
	Croydon	30.2	-0.1	SSW	3	ci	51	92	49	7	5	-	7-8	10	1200	10.1	-12	S	3	53	92	50	5	6	-	-	10	10	700	1	*	cm, id	cm, id	cm, r	cm, id
	S. Farnborough	30.2	-0.1	SW	5	ci	51	97	50	6	5	-	10	10	600	09.6	-6	SW	3	52	97	50	5	6	-	-	10	10	800	1	*	cb, r, m, c	cm, r, m, c	cm, r, m, c	cm, r, m, c
	Boscombe Down	30.2	-0.1	SW	5	ci	50	97	49	6	5	-	10	10	300	08.2	-6	SW	3	50	97	49	6	6	2	-	7-8	10	200	1	*	ci, m, c	cm, r, m, c	cm, r, m, c	cm, r, m, c
	Thorney Island	30.2	-0.1	S	3	c	48	97	46	7	5	-	9	10	800	09.9	-10	SE	3	48	97	46	6	6	2	-	2-3	10	800	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Lymington	30.2	-0.1	SE	2	c	48	85	45	8	5	-	10	10	800	13.3	-8	SE	3	48	85	45	6	6	2	-	10	10	1000	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Manston	30.2	-0.1	SE	4	c	54	75	47	7	5	-	4-6	7-8	1800	12.1	-6	SE	3	51	92	50	6	6	3	6	10	10	1800	1	*	ci, m, c	ci, m, c	ci, m, c	ci, m, c
2	Shoeburyness	30.7	-0.1	S	3	c	50	85	44	7	5	-	9	9	1200	11.4	-14	S	4	49	92	47	7	5	7	2	4-6	10	2500	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Felixstowe	30.8	-0.1	SE	4	z	44	92	42	5	5	-	9+	9+	2000	11.3	-14	SE	4	42	97	41	6	5	-	-	10	10	1400	1	2	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Gorleston	30.8	-0.1	SE	4	of	44	92	39	2	5	-	9+	9+	800	2.1	-10	SE	5	46	92	44	6	6	-	-	10	10	1000	1	4	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Mildenhall	30.8	-0.1	SW	4	c	56	73	48	7	5	-	10	10	2000	09.2	-12	SE	4	53	92	50	6	5	-	-	10	10	1500	0	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Cranwell	30.7	-0.1	SE	4	c	53	83	48	7	5	-	10	10	2200	07.4	-14	SE	4	52	92	49	6	5	7	-	7-8	9+	800	0	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
3	Birmingham	30.7	0.0	SE	4	c	51	92	49	8	5	-	10	10	1500	04.0	-16	SE	3	51	97	50	5	6	-	-	10	10	450	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Upper Heyford	30.7	-0.1	S	3	%	51	92	49	6	5	-	10	10	800	07.0	-14	SE	4	52	92	49	6	6	2	-	9	10	300	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
4	Ross-on-Wye	30.8	-0.1	S	3	id	52	92	50	6	5	-	10	10	600	03.9	-24	S	4	52	97	51	6	6	-	-	10	10	800	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
5	Hartland Point	30.3	-0.1	S	5	pr	54	85	50	7	5	6	7-8	9+	800	08.0	-20	SSW	5	50	97	49	6	6	2	-	9	10	800	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Bristol	30.3	-0.1	S	4	dod	54	92	52	5	5	-	10	10	600	05.7	-20	S	5	52	92	51	6	6	2	-	7-8	10	1000	2	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Portland Bill	30.2	-0.1	S	4	o	46	92	44	7	5	-	10	10	2600	06.6	-20	S	5	48	92	46	7	5	-	-	10	10	2500	1	5	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Plymouth	30.7	-0.1	SE	5	z	51	92	49	6	5	2	9	10	1200	04.0	-18	SW	7	49	97	49	5	5	-	-	10	10	600	1	5	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	The Lizard	30.7	-0.1	SE	6	pr	50	92	48	5	5	-	10	10	1000	02.8	+6	SW	7	49	97	49	5	5	-	-	10	10	800	1	5	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Seilly (St. Mary's)	30.8	-0.1	SW	5	pr	51	97	51	5	6	-	10	10	400	00.2	0	SW'S	4	50	97	49	6	6	7	-	4-6	10	1000	1	4	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Guernsey	30.9	-0.1	SE'S	6	pr	47	97	47	4	5	1	10	10	1500	03.4	-10	S	6	47	97	47	5	5	-	-	10	10	1500	1	4	ci, r, c	ci, r, c	ci, r, c	ci, r, c
6	Pembroke	30.2	-0.1	SE	6	pr	50	97	49	6	5	-	10	10	400	08.9	-20	SE	6	49	97	48	5	5	-	-	4-6	10	300	2	5	ci, r, c	ci, r, c	ci, r, c	ci, r, c
7	Holyhead	30.1	-0.1	SE	6	%	50	97	49	6	5	-	10	10	800	01.9	-30	SE'S	6	54	95	51	5	5	2	-	9	10	1000	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
8	Chester (Sealand)	30.7	-0.1	SE	5	z	52	88	48	5	5	-	10	10	1800	03.4	-22	SE	4	53	92	51	6	5	-	-	10	10	1000	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Manchester	30.7	-0.1	SE	5	z	52	88	48	5	5	-	10	10	1800	03.4	-22	SE	4	53	92	51	6	5	-	-	10	10	1000	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
10	Spurn Head	30.4	-0.1	S	4	o	48	92	46	6	5	2	7-8	9	1800	07.7	-4	SE	4	48	92	46	6	5	2	-	7-8	10	1500	0	3	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Catterick	30.7	-0.1	SE	3	z	51	85	46	5	5	-	7-8	9	1500	04.3	-16	SE	3	52	92	46	4	5	-	-	7-8	10	800	1	3	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Tynemouth	30.8	-0.1	SSW	5	z	50	85	45	5	5	-	9	9	1800	05.7	-12	S	4	48	92	46	6	5	-	-	10	10	1700	1	3	ci, r, c	ci, r, c	ci, r, c	ci, r, c
11	St. Abbs Head	30.5	-0.1	S	3	c	48	85	44	7	5	7	4-6	9+	2600	01.5	-24	SE	5	45	85	44	4	6	-	-	10	10	1500	1	3	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Leuchars	30.5	-0.1	SE	2	pr	46	92	44	6	5	2	7-8	10	2000	02.2	-14	ENE	1	46	97	44	5	5	2	-	9	10	800	2	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
12	Renfrew (Abbots I.)	30.7	-0.1	SE	3	pr	50	85	46	5	5	-	4-6	10	1200	00.3	-14	SE	3	50	92	47	5	5	2	-	9	10	1600	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Eskdalemuir	30.5	-0.1	SE	3	pr	46	92	44	6	6	1	4-6	10	1700	01.5	-16	SE	2	48	92	47	6	6	2	-	10	10	400	4	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Point of Ayre	30.8	-0.1	SW	4	pr	45	97	45	5	6	2	7-8	10	800	09.5	-18	SSW	4	46	97	46	4	6	2	-	10	10	800	1	4	ci, r, c	ci, r, c	ci, r, c	ci, r, c
13A	Tiree	30.4	-0.1	SE'S	4	dod	46	97	45	7	5	-	10	10	1200	06.6	-12	SE'S	3	46	92	44	5	-	2	-	10	10	500	1	5	ci, r, c	ci, r, c	ci, r, c	ci, r, c
13B	Stornoway	30.2	-0.1	SE	3	pr	47	92	45	8	5	7	4-6	10	2000	08.1	-10	E	3	46	97	46	7	5	2	-	7-8	10	1500	1	2	ci, r, c	ci, r, c	ci, r, c	ci, r, c
15	Dalwhinnie	30.8	-0.1	SE	4	pr	41	92	39	7	5	2	4-6	10	1500	00.9	-12	SE	4	41	92	40	7	5	-	-	9+	10	1500	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Aberdeen	30.6	-0.1	SE	3	z	47	85	42	6	5	7	1	7-8	1200	03.7	-18	SSW	3	44	92	42	4	5	2	-	4-6	10	1200	1	2	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Wick	30.9	-0.1	SE	2	c	45	92	43	6	5	7	4-6	9+	3500	02.0	-4	SE	4	44	97	43	6	5	2	-	4-6	10	3200	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
16	Sumburgh	30.7	-0.1	SSW	2	cf	44	97	44	3	5	-	9+	9+	300	05.4	-2	SE	3	43	97	43	7	5	-	-	4-6	9+	1000	1	4	ci, r, c	ci, r, c	ci, r, c	ci, r, c
17	Blackod Point	30.5	-0.1	S	5	cf	54	85	50	8	8	-	9+	9+	1500	03.0	-2	S	4	50	92	48	7	5	-	-	7-8	7-8	1500	1	3	ci, r, c	ci, r, c	ci, r, c	ci, r, c
18	Malin Head	30.9	-0.1	SE	6	c	52	85	48	7	5	-	9	9	1500	04.2	-8	SE	4	51	92	49	8	9	-	-	9	9	1500	1	2	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Aldergrove	30.1	-0.1	SE	4	id	49	92	47	8	5	-	10	10	600	06.0	-10	SE'S	3	48	92	47	7	5	7	-	9	10	600	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
19	Birr Castle	30.6	-0.1	SW	3	c	54	85	50	7	6	2	7-8	10	1500	05.3	-10	SSW	1	53	85	49	8	5	7	-	4-6	9	1500	1	*	ci, r, c	ci, r, c	ci, r, c	ci, r, c
	Valentia Obay.	30.8	0	SW	5	z	54	92	52	6	5	-	9+	9+	800	04.0	-2	SW	4	53	85	49													



**STATION MODEL**





OBSERVATIONS at 1 hr. G.M.T. 17th March

OBSERVATIONS at 7 hr. G.M.T. 17th March

PAST 24 HOURS.

District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Dew Point °F. (8)	Visibility. (9)	Cloud.			Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (21)	Humid. % (22)	Dew Point °F. (23)	Visibility. (24)	Cloud.			State of Group. (31)	Sea. (32)	TEMPERATURE.			RAINFALL.		Sun-shine (38)		
					Dirac. (3)	Force. (4)						Form. (10)	Amount. (11)	Height of Base. (feet) (12)			Dirac. (18)	Force. (19)						Form. (26)	Amount. (27)	Height of Base. (feet) (28)			Max. Day 7h-18h °F. (33)	Min. Night 18h-7h °F. (34)	Min. on Grass °F. (35)	Day 7h-18h mm. (36)	Night 18h-7h mm. (37)			
																																			Low. (13)	Med. (14)
1	London (Kew) ... 18	217	06.1	-2.4	S	4	df	50	97	50	6	6	7-8	10	800	04.1	+	SSW	2	Zo	48	97	46	6	5	10	10	1500	1	1	53	48	46	0.1	5	0.1
	Croydon ... 217	06.1	-2.4	S	4	df	50	97	50	6	6	7-8	10	800	04.1	+	SSW	2	Zo	48	97	46	6	5	10	10	1500	1	1	53	48	46	0.1	5	0.1	
	S. Farnborough ... 226	05.4	-1.8	SW	4	df	50	97	46	6	6	7-8	10	800	04.4	+	SW	3	df	48	97	46	6	5	10	10	1500	1	1	53	48	46	0.1	5	0.1	
	Boscombe Down ... 417	05.0	-1.0	SW	4	df	50	97	48	6	6	7-8	10	800	04.2	+	SW	4	Zo	48	97	47	6	5	10	10	1500	1	1	54	47	46	1	7	0.5	
	Thorney Island ... 10	06.5	-1.4	SW	3	df	50	97	44	6	5	7-8	10	800	03.3	0	SW	2	df	46	97	45	6	5	10	10	1500	1	1	52	47	46	3	8	0.0	
	Lympne ... 346	10.1	-1.4	SE	3	df	50	97	45	5	5	7-8	10	800	07.2	-6	S	2	df	47	97	47	6	5	10	10	1500	1	1	51	44	41	2	8	0.0	
	Manston ... 154	08.3	-1.6	SE	4	df	49	97	45	5	6	7-8	10	800	06.1	-4	SSW	3	df	48	97	47	6	5	10	10	1500	1	1	50	44	44	0.6	15	0.2	
2	Shoeburyness ... 11	08.4	-1.4	SE	4	df	43	97	43	5	5	7-8	10	1000	05.4	-6	SW	2	C	47	97	46	3	5	10	10	800	1	1	53	44	44	0	1	1.9	
	Felixstowe ... 15	08.8	-1.8	SW	3	df	44	97	42	4	4	7-8	10	1000	05.1	-6	SW	3	Zo	43	97	43	5	5	10	10	1800	1	3	46	41	40	14	0.7		
	Gorleston ... 5	05.8	-2.4	SE	4	Zo	52	92	50	6	5	7-8	10	1000	03.8	-2	SW	5	df	46	97	46	6	6	10	10	1000	1	3	51	40	38	15	0.0		
	Mildenhall ... 19	05.8	-2.4	SE	4	Zo	52	92	50	6	5	7-8	10	1000	03.8	-2	SW	3	Zo	46	97	46	6	6	10	10	1000	1	3	51	40	38	15	0.0		
	Cranwell ... 240	03.0	-1.4	SE	4	Zo	50	97	49	6	5	7-8	10	1000	01.7	0	S	3	df	49	97	48	6	5	10	10	1000	1	1	57	50	45	2	2	2.8	
3	Birmingham ... 535	03.2	-1.6	SSW	4	df	49	97	47	5	5	7-8	10	800	04.4	+	SSW	3	df	49	92	47	7	6	10	10	800	1	1	53	48	46	1	8	0.0	
	Upper Heyford ... 408	03.2	-1.6	SSW	4	df	49	97	47	5	5	7-8	10	800	04.4	+	S	4	Zo	49	92	47	6	5	10	10	800	1	1	53	49	47	1	7	0.0	
	Ross-on-Wye ... 223	03.2	-1.6	SSW	4	df	49	97	47	5	5	7-8	10	800	04.4	+	SW	3	C	49	92	47	7	5	10	10	800	1	1	53	49	47	1	7	0.0	
5	Hartland Point ... 299	03.8	-1.6	SW	5	C	50	92	48	7	5	7-8	10	1500	00.2	+2	SW	4	C	50	88	48	7	5	10	10	1200	1	4	54	49	48	5	1	0.0	
	Bristol ... 209	03.5	-1.2	S	1	Zo	50	92	48	6	5	7-8	10	700	03.2	+2	SW	3	C	50	88	47	7	5	10	10	2500	1	4	54	49	48	5	1	0.0	
	Portland Bill ... 32	04.5	-1.6	S	5	0	47	92	45	7	5	7-8	10	2500	03.7	-4	SSW	4	0	46	92	44	7	5	10	10	2500	1	1	48	48	46	4	9	0.0	
	Plymouth ... 82	03.0	0	SW	4	Zo	49	97	49	6	5	7-8	10	1000	02.4	0	SW	3	df	48	97	48	3	1	10	10	1500	1	3	52	47	47	13	7	0.0	
	The Lizard ... 240	02.3	+4	SW	5	C	49	97	49	6	5	7-8	10	1500	01.3	0	SSW	4	df	49	92	47	1	6	10	10	1000	1	5	52	47	47	3	1	0.0	
	Scilly (St. Mary's) ... 163	00.6	+4	SW	4	0	50	97	49	6	5	7-8	10	1500	00.7	-6	SSW	4	df	50	97	50	6	5	10	10	1000	3	4	52	50	50	8	1	0.0	
	Guernsey ... 175	03.4	0	SW	5	df	46	97	46	5	5	7-8	10	1500	02.2	+2	SSW	5	C	46	97	46	4	5	10	10	700	1	4	48	45	45	5	3	0.0	
6	Pembroke ... 142	03.4	0	SW	5	df	46	97	46	5	5	7-8	10	1500	02.2	+2	SSW	5	C	46	97	46	4	5	10	10	700	1	4	48	45	45	5	3	0.0	
7	Holyhead ... 26	03.8	-2	SW	5	df	46	97	46	3	5	7-8	10	1500	02.5	+6	SSW	5	Zo	46	97	46	6	5	10	10	700	2	5	52	45	45	4	7	0.0	
	Chester (Sealand) ... 16	03.6	-6	SSW	3	Zo	51	85	48	6	5	7-8	10	3000	03.0	0	S	2	Zo	48	92	46	5	5	10	10	4000	1	1	54	47	43	1	1	0.0	
	Manchester ... 235	03.3	-4	SSW	5	df	50	92	49	6	5	7-8	10	800	02.8	-6	SE	4	Zo	49	92	48	6	5	10	10	3000	1	1	54	48	47	0.4	3	0.0	
10	Spurn Head ... 29	03.6	-1.8	S	6	df	47	97	45	6	5	7-8	10	1500	01.4	+2	SW	4	C	44	97	44	7	8	10	10	1500	1	4	49	40	40	0.4	2	2.0	
	Catterick ... 175	03.7	-1.4	SSW	4	Zo	49	92	48	5	5	7-8	10	2000	02.8	-6	SSW	2	C	47	92	47	4	5	10	10	1500	1	4	52	47	47	1	4	0.3	
	Tynemouth ... 108	03.8	-2.2	S	5	df	44	92	42	6	2	7-8	10	1500	02.1	0	SSW	3	df	48	92	46	5	2	10	10	1700	1	3	54	43	42	1	2	0.0	
11	St. Abbs Head ... 280	03.6	-1.8	SE	4	df	43	97	42	0	1	7-8	10	1500	02.8	+4	S	3	C	45	97	43	5	7	10	10	1900	1	3	53	41	41	5	7	0.0	
	Leuchars ... 36	03.3	-2.2	SSW	2	df	46	97	46	4	5	7-8	10	500	05.8	+6	SSW	2	df	47	92	44	6	5	7	10	2200	2	1	50	43	42	2	7	0.0	
	Renfrew (Abbots L.) ... 19	06.7	-1.0	SSW	1	df	48	97	47	4	5	7-8	10	1500	05.7	0	SSW	3	Zo	47	92	45	5	2	10	10	1400	1	1	51	47	45	3	4	0.0	
	Eekdalemuir ... 794	03.8	-2	WSW	3	C	47	97	47	7	8	7-8	10	1000	06.2	0	WSW	2	C	46	97	46	6	2	10	10	1500	1	2	47	44	40	1	14	0.0	
	Point of Ayre ... 30	03.6	-2	WSW	3	C	47	97	47	7	8	7-8	10	1000	06.2	0	WSW	2	C	46	97	46	6	2	10	10	600	1	2	47	44	40	1	9	0.0	
13A	Tiree ... 22	05.6	-4	SSW	3	0	45	97	44	7	5	7-8	10	1500	05.0	0	SSW	1	df	46	97	45	7	5	10	10	1500	1	3	47	44	44	4	1	0.0	
13B	Stornoway ... 80	05.7	-1.2	SSW	2	C	47	92	45	6	5	7-8	10	1500	03.1	-10	SSW	1	df	46	97	46	7	5	10	10	1500	1	1	47	45	45	6	7	0.0	
15	Dalwhinnie ... 1176	03.8	-2	SSW	2	C	47	92	45	6	5	7-8	10	1500	03.1	-10	SSW	1	df	46	97	46	7	5	10	10	1500	1	1	47	45	45	6	7	0.0	
	Aberdeen ... 79	03.4	-2.0	SSW	2	df	44	97	44	4	2	7-8	10	300	05.6	-6	S	2	df	42	97	42	3	1	10	10	2500	1	1	43	41	39	0.6	4	0.0	
	Wick ... 119	03.2	-1.6	SE	4	df	43	97	4																											

SECRET

Wednesday 18th March 1942

No. 22336

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BRITISH SECTION

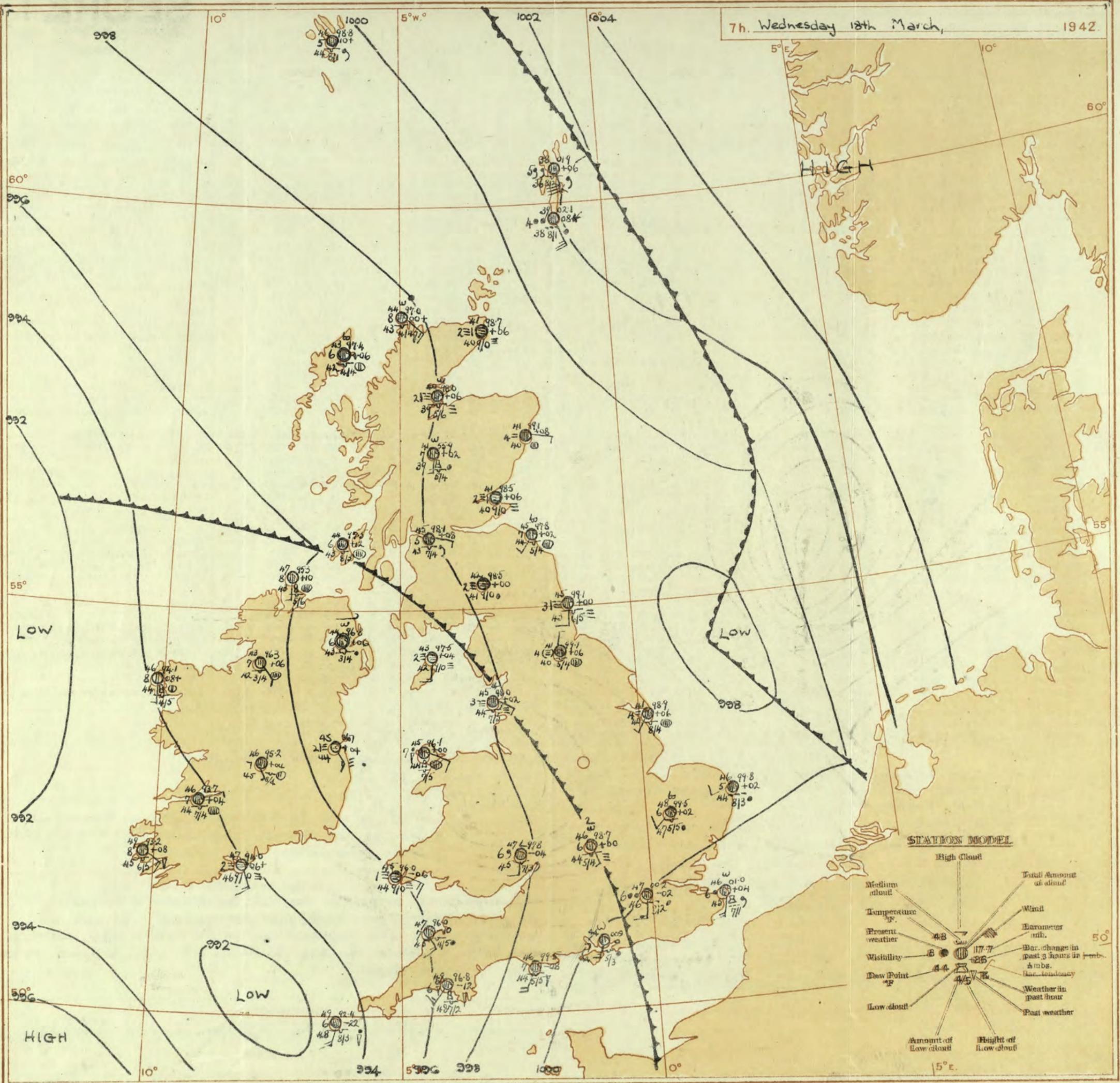
THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Table with columns for District, Station, Observations at 13h G.M.T., Observations at 18h G.M.T., and Past 24 Hours. Includes data for London, Birmingham, and other locations.

Table with columns for Districts and Forecasts for the 24 hours commencing 12 noon, G.M.T., Wednesday 18th March 1942. Includes general inference and further outlook sections.

7h. Wednesday 18th March, 1942.

1942.







# SECRET

Thursday 19th March 1942

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BRITISH SECTION

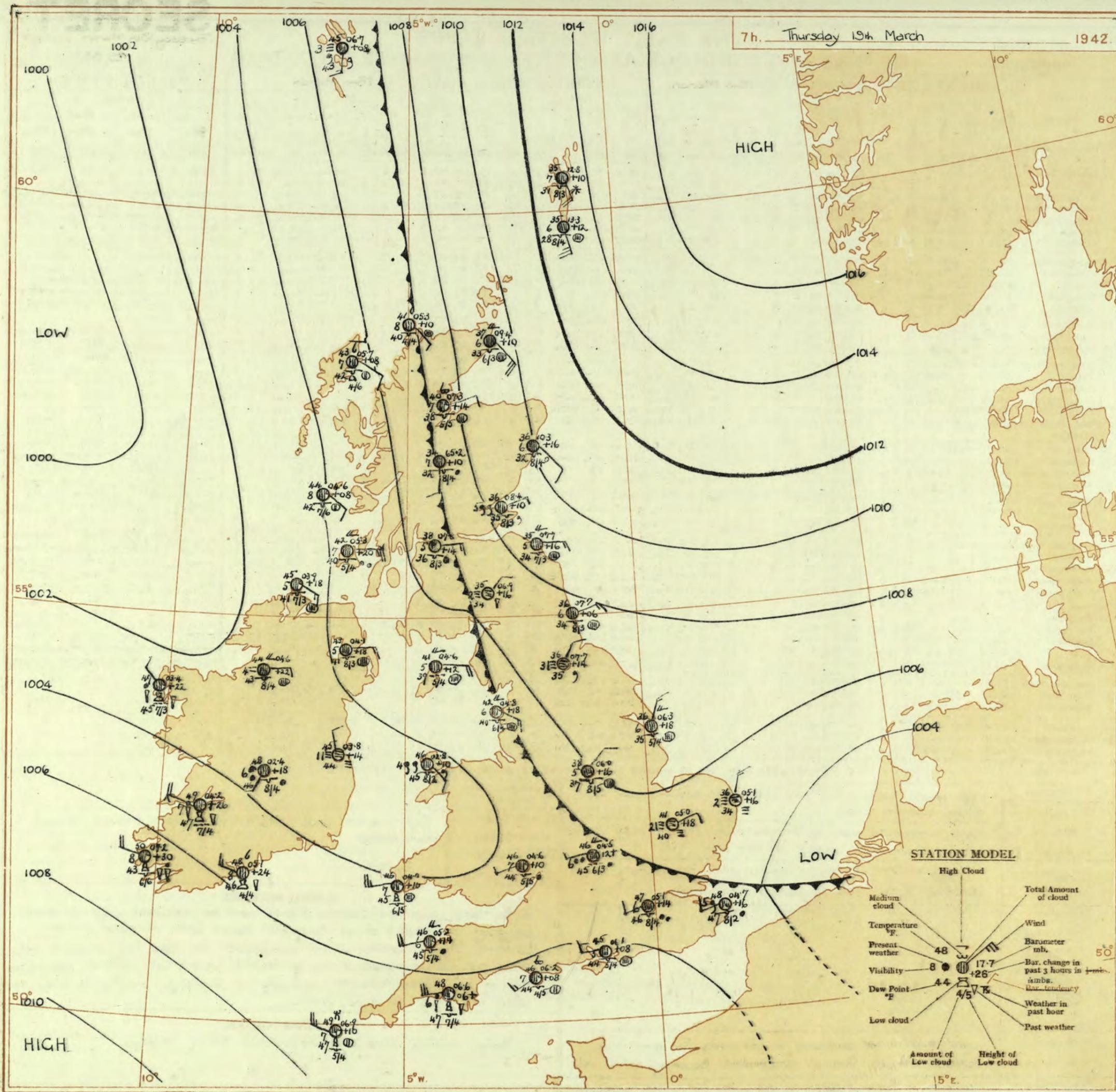
THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

OBSERVATIONS at 13h. G.M.T. 18th March															OBSERVATIONS at 18h. G.M.T. 18th March															PAST 24 HOURS.								
District.	STATIONS.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3-4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Dew Point °F. (8)	Visibility. (9)	Cloud. (10-15)					Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind. (18-19)		Weather. (20)	Temp. °F. (21)	Humid. % (22)	Dew Point °F. (23)	Visibility. (24)	Cloud. (25-27)			State of ground. (28)	Sea. (29)	WEATHER. (30-33)								
				Form. (10)	Med. (11)						High (12)	Low 0-10 (13)	Total 0-10 (14)	Height of Base (feet) (15)	Low. (25)			Med. (26)	High (27)						7h.-13h. (30)	13h.-18h. (31)	18h.-18th (32)			1h.-7h. (33)								
1	London (Kew)	30.4	+6	SSW	2	pc	51	85	47	8	3	-	0	0	1500	38.2	-8	SSE	2	c	50	85	48	6	5	7-8	10	1500	1	*	pc	bc	bc	bc	bc			
	Croydon	30.8	+4	S	3	pc	53	85	49	7	3	6	1	0	1200	38.6	-12	S	3	c	48	87	48	5	6	9	10	3000	1	*	c	bc	bc	bc	bc			
	S. Farnborough	30.1	-6	SW	3	pc	52	85	48	6	8	7	-	7-8	9	1200	38.1	-4	S	3	c	49	82	47	6	6	10	1000	1	*	c	bc	bc	bc	bc			
	Boscombe Down	30.6	-6	S	4	pc	49	87	48	7	6	-	-	0	10	400	38.9	+1	WNW	1	c	49	87	49	6	8	9	10	1200	1	*	c	bc	bc	bc	bc		
	Thorney Island	02.2	-4	SW	2	pc	47	82	45	7	5	-	-	0	10	450	38.7	-6	W	3	c	47	87	47	6	6	9	10	450	1	*	c	bc	bc	bc	bc		
	Lympe	02.3	-2	SW	3	pc	51	85	47	8	1	-	-	0	300	01.5	-4	SSE	2	c	47	87	46	5	-	2	10	100	1	*	c	bc	bc	bc	bc			
	Manston	01.0	-6	SW	4	pc	52	85	48	7	2	-	-	6	7-8	9	1800	00.5	0	S	3	c	50	82	48	6	5	9	10	800	1	*	c	bc	bc	bc	bc	
2	Shoeburyness	01.1	0	SSW	3	c	53	85	47	7	8	3	-	4-6	9	2500	00.8	-2	SW	2	c/pr	48	85	45	7	8	3	7-8	9	1700	1	*	c	bc	bc	bc	bc	
	Felixstowe	01.8	+2	S	3	c	45	82	43	6	7	-	-	7-8	9	2500	00.9	-4	SSE	2	c	43	82	42	6	5	3	9	4000	1	2	c	bc	bc	bc	bc		
	Gorleston	01.6	+2	SW	2	c	46	85	36	6	5	-	-	10	10	1600	01.1	0	SW	1	c	40	87	30	6	5	-	7-8	7-8	1500	1	2	c	bc	bc	bc	bc	
	Mildenhall	00.2	+2	SSW	1	c	50	87	49	6	8	-	-	0	30	1500	00.1	-6	E	2	c	53	85	49	6	5	1	9	3000	1	*	c	bc	bc	bc	bc		
	Cranwell	00.2	+2	SE	2	c	52	85	47	7	8	-	-	10	10	2500	00.9	-2	E/N	2	c	51	85	48	6	8	1	4-6	7-8	6300	1	*	c	bc	bc	bc	bc	
3	Birmingham	00.7	-2	ESE	2	c	50	85	46	6	8	7	-	7-8	9	2500	00.0	+4	SSE	1	c/pr	51	85	47	6	8	7	5	30	1500	1	*	pc	bc	bc	bc	bc	
	Upper Heyford	00.8	-6	SE	2	pc	52	75	44	8	8	7	-	4-6	9	2500	00.1	+4	SE/E	1	c/pr	50	82	48	8	8	7	-	4-6	30	1800	1	*	c	bc	bc	bc	bc
	Ross-on-Wye	00.1	-6	SE	2	c	54	75	47	8	8	-	-	9	9	3000	00.1	+1	WNW	2	c	48	82	45	6	0	-	10	10	2000	1	*	c	bc	bc	bc	bc	
5	Hartland Point	07.4	+6	ESE	2	c	52	85	48	8	8	-	-	4-6	7-8	2000	00.1	+8	W	4	c/pr	47	87	47	6	5	-	9	30	300	1	3	c	bc	bc	bc	bc	
	Bristol	07.7	-6	SE/S	2	c	54	85	50	7	2	-	-	9	9	1000	00.0	-2	WNW	3	c	41	85	47	6	4	7	0	30	1500	1	3	c	bc	bc	bc	bc	
	Portland Bill	07.6	-10	S	4	c	46	87	47	6	5	-	-	10	10	2500	00.5	+10	SW	4	c	46	82	44	7	5	7	-	7-8	10	2500	1	5	c	bc	bc	bc	bc
	Plymouth	06.6	+14	NW/N	4	c/pr	51	87	51	7	8	7	-	9	9	1200	01.5	+26	W/S	4	c/pr	51	85	47	6	5	-	9	30	1600	1	4	c	bc	bc	bc	bc	
	The Lizard	08.4	+4	W	5	c/pr	50	87	48	7	8	2	-	9	10	1500	01.9	+12	WSW	5	c/pr	48	87	49	7	8	-	7-8	9	1500	1	4	c	bc	bc	bc	bc	
	Scilly (St. Mary's)	08.0	+3	W/N	4	c/pr	51	87	50	7	8	-	-	9	9	1000	01.8	-14	W	4	c	50	87	49	7	8	3	3	2-3	7-8	1200	1	4	c	bc	bc	bc	bc
	Guernsey	07.3	+10	SE/S	2	c	48	87	47	6	8	7	-	7-8	9	2500	00.6	0	WSW	3	c	47	87	47	1	-	-	10	10	1500	1	3	c	bc	bc	bc	bc	
6	Pembroke	07.2	+6	W	3	c	53	85	48	7	8	-	-	9	9	5000	00.0	+6	WNW	2	c	51	85	47	7	8	6	3	4-6	7-8	3000	1	2	c	bc	bc	bc	bc
7	Holyhead	08.1	+2	SSE	2	pc	53	75	46	6	0	0	-	7-8	9	3000	00.9	+8	S	1	c	53	85	49	6	5	3	7-8	7-8	5000	1	*	c	bc	bc	bc	bc	
8	Chester (Sealand)	08.1	-2	SE	3	pc	54	75	47	6	3	6	-	4-6	7-8	2700	00.1	+4	S	0	c	51	85	47	5	2	6	4-6	7-8	2500	1	*	c	bc	bc	bc	bc	
8	Manchester	08.1	-2	SE	3	pc	54	75	47	6	3	6	-	4-6	7-8	2700	00.1	+4	S	0	c	51	85	47	5	2	6	4-6	7-8	2500	1	*	c	bc	bc	bc	bc	
10	Spurn Head	00.3	0	SE	1	c	45	87	44	5	-	7	-	9	9	2800	00.2	+2	E/N	5	c/pr	40	87	40	1	2	-	4-6	7-8	2500	0	2	c	bc	bc	bc	bc	
	Catterick	00.8	+2	NE	1	c	52	85	48	6	5	6	-	2-3	9	3500	01.5	+1	N/E	2	c	47	87	45	2	-	-	10	10	1500	1	3	c	bc	bc	bc	bc	
	Tynemouth	00.3	+10	E	2	c	46	85	43	6	5	-	-	9	9	2200	02.2	+10	SE	3	c	40	87	40	2	5	-	10	10	2500	1	3	c	bc	bc	bc	bc	
11	St. Abbs Head	00.3	+10	SE	2	c	47	85	44	5	8	4	-	4-6	7-8	2500	01.6	+10	SE	4	c	39	87	39	1	-	-	10	10	1500	1	3	c	bc	bc	bc	bc	
	Leuchars	00.1	+10	E	0	c	49	87	48	2	0	-	-	10	10	2000	02.3	+12	E/E	2	c	40	87	40	1	-	-	10	10	1500	2	3	c	bc	bc	bc	bc	
12	Renfrew (Abbots L.)	00.0	+4	E	1	c	51	85	47	4	5	-	-	7-8	10	2000	01.0	+10	E/E	2	c	50	85	46	5	8	3	9	30	2800	1	*	c	bc	bc	bc	bc	
	Eskdalemuir	00.7	0	E/NE	2	c	53	65	42	8	7	-	-	7-8	7-8	1700	00.0	+12	NE/E	2	c	47	85	42	6	5	-	9	30	1500	1	*	c	bc	bc	bc	bc	
	Point of Ayre	00.0	+6	E/S	2	c	46	82	45	6	5	3	-	4-6	7-8	800	00.1	0	SE	2	c	47	85	44	8	5	4	4-6	7-8	2000	1	1	c	bc	bc	bc	bc	
13A	Tiree	00.3	+10	SE	2	c	49	85	45	8	5	-	-	9	9	2500	00.3	+4	SE	2	c	48	85	45	8	5	-	9	30	3500	0	3	c	bc	bc	bc	bc	
13B	Stornoway	00.0	+10	SE	1	c	47	87	46	8	5	7	-	7-8	10	2500	00.3	+6	ESE	2	c	46	87	45	7	5	7	-	7-8	9	3500	1	1	c	bc	bc	bc	bc
15	Dalwhinnie	00.7	+6	S	2	c	46	85	42	7	5	5	-	7-8	10	1500	02.6	+12	S	1	c	43	85	38	7	5	5	4-6	10	1500	1	3	c	bc	bc	bc	bc	
	Aberdeen	01.6	+1	SE/E	1	c	41	87	41	5	-	2	-	10	10	900	04.3	+18	SE/S	3	c	38	87	38	4	5	-	10	10	650	1	3	c	bc	bc	bc	bc	
	Wick	00.9	+1	SE	4	c	41	87	41	3	-	-	-	10	10	1500	03.5	+14	SE	4	c	40	82	38	6	5	-	10	10	300	1	3	c	bc	bc	bc	bc	
16	Sumburgh	04.9	+18	SSE	5	c	38	87	38	5	5	-	-	10	10	600	07.2	+16	SSE	6	c	38	87	38	4	5	-	10	10	300	1	5	c	bc	bc	bc	bc	
17	Blackod Point	05.5	+6	SE	3	c	54	87	53	8	1	-	4	2-3	7-8	2000	00.2	+6	SE	3	c	51	82	43	8	8	-	9	30	2500	1	2	c	bc	bc	bc	bc	
	Malin Head	07.6	+10	E	3	c	47	82	45	8	8	-	-	9	9	4000	00.6	+6	SSE	3	c	50	85	46	8	0	-	7-8	7-8	2500	1	1	c	bc	bc	bc	bc	
	Aldergrove	08.2	+10	SE/E	3	c	52	85	48	7	7	-	-	9	9	2500	00.4	+10	ESE	1	c	50	85	46	7	4	-	9	30	3500	1	*	c	bc	bc	bc	bc	
19	Birr Castle	06.4	+6	SSE	2	c	54	78	47	8	5	-	8	7-8	9	2500	07.2	+6	SSE	2	c	51	85	47	8	8	7	-	7-8	9	1500	1	3	c	bc	bc	bc	bc
	Valentia Obay.	05.9	+1	SW	4	pc	53	85	49	8	2	-	3	7-8	9	1500	07.0	+6	SW	4	c	52	85	48	8	2	-	9	30	1500	1	3	c	bc	bc	bc	bc	
	Roches Point	06.9	+14	E/S	3	pc	49	87	48	5	5	-	-	10	10	220	08.1	+10	SW	3	c/pr	51	82	48	8	8	4	3	4-6	7-8	1500	1	3	c	bc	bc	bc	bc

DISTRICTS.		FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T	
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7h. Thursday 19th March

1942.





## OBSERVATIONS at 1 hr. G.M.T. 19th March

## OBSERVATIONS at 7 hr. G.M.T. 19th March

## PAST 24 HOURS.

DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Dew Point °F. (8)	Visibility. (9)	Cloud.					Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (21)	Humid. % (22)	Dew Point °F. (23)	Visibility. (24)	Cloud.					Barom. at M.S.L. (31)	Change in 3 hours. (32)	TEMPERATURE.			RAINFALL.		SUNSHINE (38)
					Dir.	Force.						Form.	Amount.		Height of Base (feet).	Dir.			Force.	Form.						Amount.		Height of Base (feet).	State of Ground.	Sea.			Max. Day 7h-13h °F.	Min. Night 13h-7h °F.	Min. on Grass °F.	Day 7h-13h mm.	Night 13h-7h mm.	
													Low.	Med.												High.	Low.											
1	London (Kew) ... 18	02.8	+1.8	SW	3	lt	47	97	43	4	6	9	9	800	05.1	+1.4	WSW	2	ld	48	92	45	6	5	2	7-8	10	1500	1	54	47	45	1	5	0.5			
	Croydon ... 217	02.7	+1.8	N	3	lt	47	92	46	6	5	10	10	800	05.9	+1.4	WSW	3	o/t	47	97	46	6	5	3	7-8	9	1600	1	53	46	45	3	3	0.7			
	S. Farnborough ... 226	02.8	+1.2	N	3	o/d	47	97	47	6	5	10	10	700	05.7	+1.0	SWW	2	c	45	97	45	7	5	1	4-6	9	2000	1	50	44	42	2	1	0.1			
	Boscombe Down ... 417	03.0	+1.4	SWW	3	Zo	47	97	46	5	5	7-8	7-8	3600	06.1	+1.9	W	2	Zo	45	97	44	5	5	1	7-8	7-8	1500	1	48	44	39	5	3	0			
	Thorney Island ... 10	03.0	+1.4	WSW	2	lt	47	97	47	1	5	10	10	1500	06.2	+1.8	WSW	3	lt	47	97	46	5	5	1	10	10	200	1	53	44	44	0.5	3	0.5			
	Lympe ... 346	01.8	+1.6	WSW	3	dodo	48	97	48	5	5	10	10	200	04.7	+1.6	WSW	2	ld	48	97	47	5	5	1	10	10	500	1	56	45	43	0.2	6	2.4			
	Manston ... 154																																					
2	Shoeburyness ... 11	01.7	+1.0	NW	1	of	48	97	42	3	5	6	10	2300	05.5	+1.8	W	2	ld	48	97	47	3	5	1	10	10	800	1	57	45	46	1	4	3.7			
	Felixstowe ... 15	02.1	+1.2	NE	3	F	38	97	37	2	1	6	10	10	1500	05.9	+1.2	E	2	F	39	97	39	1	5	1	10	10	200	1	49	39	39	1	1	1.2		
	Gorleston ... 5	01.9	+1.4	NNE	1	F	49	97	48	4	5	10	10	200	05.0	+1.9	E	2	F	41	97	41	2	1	1	10	10	1500	1	58	35	35	1	1	0.9			
	Mildenhall ... 19	03.1	+1.4	NE	2	m/f	41	97	41	4	5	10	10	100	03.9	+1.4	NE	3	o/t	37	97	37	6	5	1	10	10	400	1	57	37	37	2	2	1.4			
	Cranwell ... 240																																					
3	Birmingham ... 535	02.3	+1.4	N	1	Zo	47	97	45	6	5	10	10	200	04.8	+1.2	W	1	lt	46	97	45	6	2	1	10	10	800	1	53	42	41	0.5	2	0.3			
	Upper Heyford ... 408																																					
	Ross-on-Wye ... 223																																					
5	Hartland Point ... 299	03.2	+1.8	WSW	4	c	46	97	44	7	5	2	7-8	9	1500	05.2	+1.4	WSW	4	c	46	97	46	6	5	2	7-8	9	1500	1	52	45	45	1	2	2.1		
	Bristol ... 209	04.4	+1.4	WNW	3	c/d	47	97	47	6	2	10	10	700	03.9	+1.8	N	2	dd	47	97	46	5	2	1	10	10	1500	1	54	46	45	0.1	2	0.3			
	Portland Bill ... 32	04.5	+2.0	NW	3	bc	45	92	43	7	5	1	4-6	4-6	2500	06.2	+1.8	SW	3	c	46	92	44	7	3	7	4-6	9	2500	1	47	47	45	3	1	0		
	Plymouth ... 82	05.2	+1.0	W	5	Zo	48	97	47	6	2	1	7-8	7-8	1400	06.6	+1.6	WS	5	Pa	48	97	47	6	3	1	9	9	1500	1	52	47	45	3	0.6	1.2		
	The Lizard ... 240	05.7	+1.2	WSW	4	c	48	92	48	7	2	1	7-8	9	1500	07.2	+1.0	WSW	5	c	48	92	48	7	3	2	7-8	9	1500	1	51	47	45	3	1	2.5		
	Scilly (St. Mary's) ... 163	05.2	+1.2	WNW	4	bc	49	97	49	7	5	1	2-3	1500	06.9	+1.0	WNW	5	c	49	92	47	7	3	6	1	7-8	9	1500	1	54	48	45	0.4	1	4.3		
	Guernsey ... 175																																					
6	Pembroke ... 142	02.5	+1.0	SW	5	c/pt	46	97	46	6	5	1	9	9	2500	04.0	+1.0	WS	5	c	46	97	46	7	3	1	9	9	2500	1	51	38	34	2	1	2.4		
	Holyhead ... 26	01.2	+1.6	SE	2	Zo	45	97	45	5	5	1	9	9	1800	02.8	+1.0	SE	2	dodo	46	97	46	4	5	1	10	10	500	1	55	42	34	0.1	0.2	0		
	Chester (Sealand) ... 16	02.0	+1.0	0	0	c/pt	47	92	45	3	5	1	9	9	2000	04.3	+1.6	E	2	m/f	46	92	44	4	2	1	10	10	500	1	58	45	41	0.1	1	0.6		
	Manchester ... 235	02.4	+1.4	NE	2	Zo	45	92	44	5	4	1	2-3	2-3	5700	04.9	+1.6	NE	3	Zo	44	92	39	6	2	1	10	10	5700	1	55	41	39	0.1	1	0		
10	Spurn Head ... 29	02.9	+1.4	NE	3	Zo	38	97	38	6	5	1	10	10	2500	06.3	+1.8	NE	3	Zo	36	97	36	6	5	2	7-8	10	1500	0	50	35	35	4	6	3.4		
	Catterick ... 175	05.4	+1.2	N	2	df	39	97	39	2	1	1	10	10	1500	07.7	+1.4	NE	2	F	36	97	36	3	1	1	10	10	1500	1	55	36	23	4	6	1.5		
	Tynemouth ... 108	06.2	+1.0	SE	3	o	37	97	37	7	5	1	10	10	1500	07.7	+1.6	ENE	3	o	36	92	33	6	5	1	10	10	1000	1	50	36	35	1	1	0		
11	St. Abbs Head ... 280	05.2	+1.2	SE	4	df	36	97	36	0	1	1	10	10	1500	07.7	+1.6	E	3	Zo	35	97	34	5	5	2	9	10	1400	1	51	35	34	1	1	0.3		
	Leuchars ... 36	06.4	+1.4	E	4	df	37	97	37	2	5	1	10	10	200	08.4	+1.0	E	1	dodo	36	97	36	5	5	1	10	10	600	2	47	36	36	1	8	0.3		
	Renfrew (Abbots L.) ... 19	05.1	+1.4	E	3	Zo	42	95	38	6	5	1	10	10	1200	07.8	+1.4	E	3	Zo	38	92	37	5	5	1	10	10	700	1	51	37	37	0.5	4	0.3		
	Eskdalemuir ... 794																																					
	Point of Ayre ... 30	02.2	+1.6	E	3	c	43	97	42	6	2	1	10	10	1000	04.6	+1.2	E	4	Zo	41	92	40	5	6	2	7-8	10	1500	1	50	40	34	0.4	8	1.5		
13A	Tiree ... 22	02.5	+1.8	SE	1	bc	40	92	38	8	5	1	2-3	2-3	3500	04.6	+1.8	SE	2	c	44	92	42	8	5	1	9	9	3500	0	50	40	34	1	1	1.3		
13B	Stornoway ... 80	03.4	+1.0	E	3	c/pt	45	92	43	7	5	7	7-8	9	2500	05.7	+1.8	ESE	2	c	43	97	42	7	4	8	4-6	7-8	2500	1	49	33	32	1	1	0.7		
15	Dalwhinnie ... 1176																																					
	Aburdeen ... 79	02.1	+1.4	SE	3	dodo	36	92	34	4	2	1	10	10	600	10.3	+1.6	SE	2	Zo	36	85	32	6	5	1	10	10	1500	1	41	35	34	7	0.5	0.0		
	Wick ... 119	07.2	+1.4	SE	5	m	38	92	36	4	5	1	10	10	700	09.4	+1.0	SE	5	c	37	85	33	6	5	2	9	10	900	1	41	36	34	0.1	1	0.0		
	Sumburgh ... 30	11.0	+1.4	SE	5	o/t	36	85	33	4	5	1	10	10	500	13.3	+1.2	SE	5	Zo	35	75	29	6	5	1	10	10	1200	1	39	34	29	1	1	0.0		
17	Blackod Point ... 18	09.6	+1.4																																			

SECRET

Friday 20th March 1942

No. 29338

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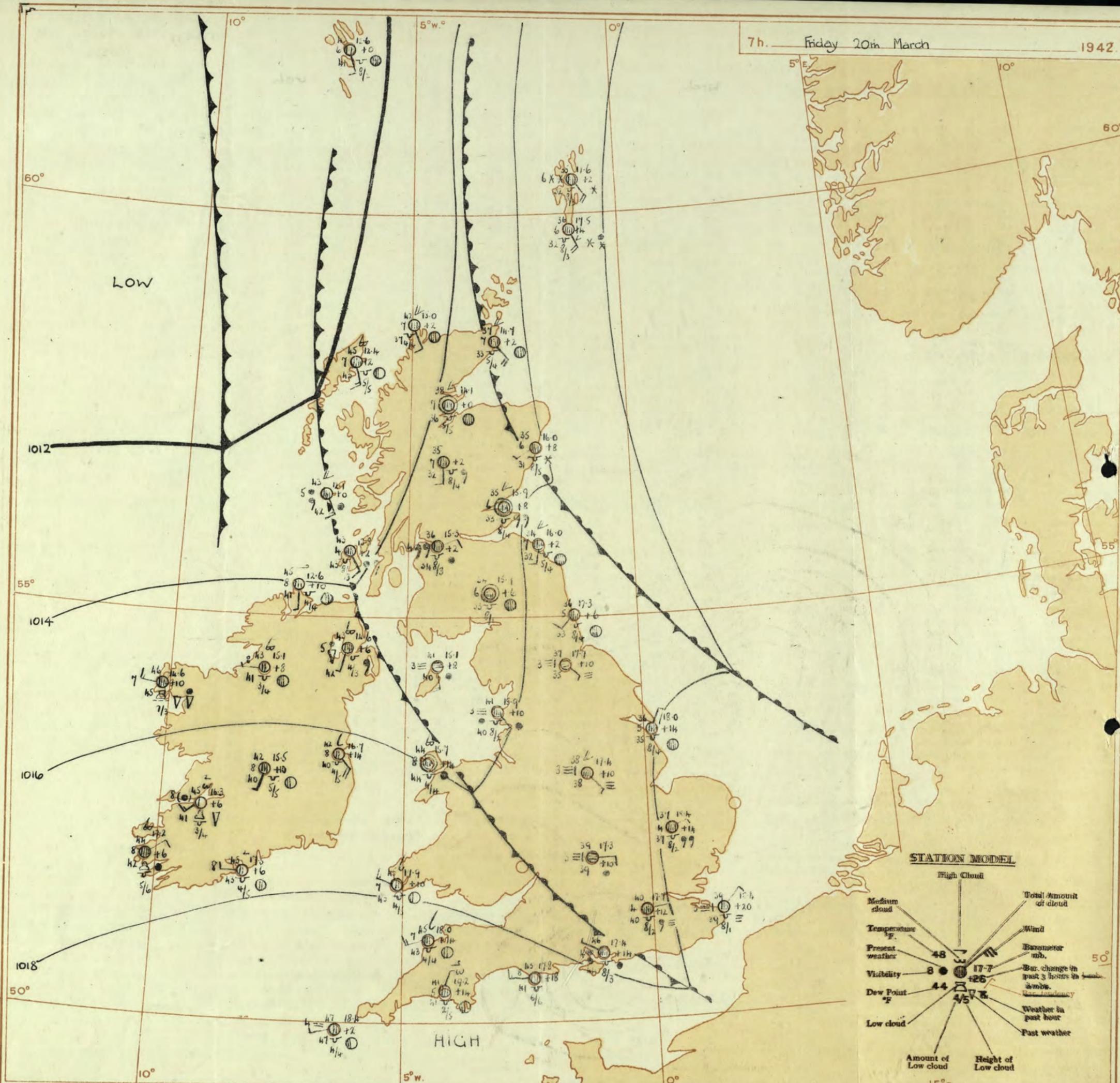
BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

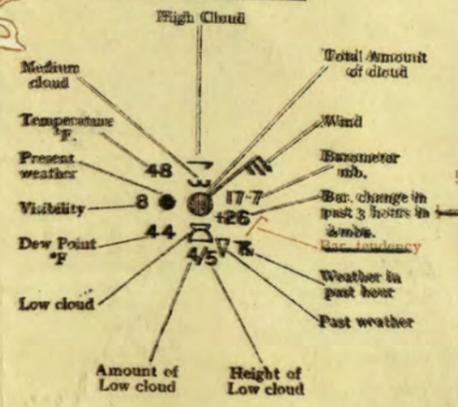
Table with columns for District, Station, Observations at 13h G.M.T. (19th March), Observations at 18h G.M.T. (19th March), and Past 24 Hours. Includes weather codes, temperatures, and wind directions.

Table with columns for Districts and Forecasts for the 24 hours commencing 12 noon, G.M.T. Friday 20th March. Includes general inference and further outlook sections.

N. K. JOHNSON, D.Sc. A.R.C.S., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2



**STATION MODEL**





OBSERVATIONS at 1 hr. G.M.T. 20th March															OBSERVATIONS at 7 hr. G.M.T. 20th March															PAST 24 HOURS.						
District.	STATIONS.	Height above M.S.L. in feet.	Barom. M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Dew Point. °F. (8)	Visibility. (9)	Cloud.			Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (21)	Humid. % (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud.			State of Ground. (31)	Sea. (32)	TEMPERATURE.			RAINFALL.		SUNSHINE Hr. (38)		
					Form.	Amount.						Height of Base. (feet) (15)	Dir.	Force.			Dir.	Force.						Form.	Amount.	Height of Base. (feet) (30)			Max. Day 7h-13h °F. (33)	Min. Night 13h-7h °F. (34)	Min. on Grass °F. (35)	Day 7h-13h mm. (36)	Night 13h-7h mm. (37)			
1	London (Kew) ... 217	18	30.1	+0.1	NE	2	df	42	97	40	1	-	-	10	10	17.6	ESE	2	Zo	42	97	39	5	-	-	10	10	1500	1	*	55	41	41	2	Tr	0.8
	Croydon ... 226	15.5	30.1	+0.1	ENE	2	ft	45	97	45	2	-	-	10	10	17.7	EN	2	Zo	43	97	40	4	-	-	10	10	500	1	*	57	39	39	5	1	0.6
	S. Farnborough ... 417	15.2	30.1	+0.1	ENE	2	ft	45	97	45	2	-	-	10	10	17.8	EN	2	Zo	43	97	41	4	-	-	10	10	300	1	*	55	42	42	1	0.6	1.2
	Boscoboe Down ... 10	15.5	30.1	+0.1	W/W	1	Zo	43	97	45	6	-	-	9	9	17.5	NW/W	2	Zo	43	97	45	6	-	-	10	10	300	1	*	56	45	42	1	Tr	3.0
	Thorney Island ... 346	14.9	30.1	+0.1	NW	2	Zo	47	92	46	5	-	-	30	30	17.4	WNW	1	Zo	46	92	44	4	-	-	10	10	800	1	*	55	45	43	2	Tr	*
	Lympe ... 154	15.4	30.1	+0.1	NE	2	Zo	40	97	40	2	-	-	10	10	18.4	NE	1	Zo	39	97	39	3	-	-	10	10	200	1	3	52	38	38	4	*	0.7
	Manston ... 154	15.4	30.1	+0.1	NE	2	Zo	39	97	39	3	-	-	10	10	18.0	ENE	1	Zo	39	97	39	3	-	-	10	10	150	1	*	48	38	36	10	0.1	0.0
2	Shoeburyness ... 11	11	30.1	+0.1	ENE	1	Zo	37	92	35	5	-	-	10	10	18.8	EN	2	m	39	97	38	4	-	-	10	10	800	1	*	48	37	38	13	1	0.0
	Felixstowe ... 15	16.0	30.1	+0.1	ENE	1	Zo	36	92	33	5	-	-	10	10	18.2	EN	1	Zo	37	97	36	5	-	-	10	10	800	1	2	40	36	36	Tr	Tr	0.0
	Gorleston ... 5	16.0	30.1	+0.1	NW	1	m	37	97	37	4	-	-	10	10	18.7	EN	2	Zo	37	92	36	5	-	-	10	10	800	1	*	38	36	25	Tr	Tr	0.0
	Mildenhall ... 19	16.0	30.1	+0.1	NE/E	1	m	37	97	37	4	-	-	10	10	18.4	EN	1	m/d	37	97	37	4	-	-	10	10	400	1	*	43	37	37	0.2	0.1	0.0
	Cranwell ... 240	15.7	30.1	+0.1	-	0	of	37	97	37	3	-	-	10	10	17.6	SSE	2	m/y	37	97	37	4	-	-	10	10	300	1	*	39	37	37	Tr	Tr	0.0
3	Birmingham ... 535	535	30.1	+0.1	E	2	f	39	97	38	3	-	-	10	10	18.3	SSE	1	F	40	97	39	1	-	-	10	10	1500	1	*	43	38	38	3	1	0.0
	Upper Heyford ... 408	15.4	30.1	+0.1	E	2	f	39	97	38	3	-	-	10	10	17.3	E	2	f	39	97	39	1	-	-	10	10	1500	1	*	51	38	37	5	0.2	*
	Ross-on-Wye ... 223	223	30.1	+0.1	-	0	of	39	97	38	3	-	-	10	10	16.7	NW	1	f	45	97	34	2	-	-	10	10	200	1	*	54	44	43	5	0.2	1.0
5	Hartland Point ... 299	16.1	30.1	+0.1	NSW	3	bc	45	97	44	3	-	-	4.6	4.6	18.0	NSW	3	c	45	97	43	7	-	-	4.6	7.8	1200	1	3	49	44	42	0.5	Tr	4.4
	Bristol ... 209	15.7	30.1	+0.1	-	0	c	45	97	45	5	-	-	7.8	7.8	17.9	SW	1	Zo	44	97	43	5	-	-	7.8	7.8	800	1	*	56	43	41	1	1	3.7
	Portland Bill ... 32	15.3	30.1	+0.1	W	4	c	45	92	43	3	-	-	9	9	17.8	W	3	c	43	92	41	8	-	-	9	9	4000	4	4	46	41	*	2	Tr	*
	Plymouth ... 82	17.5	30.1	+0.1	WNW	3	bc	46	92	44	7	-	-	4.6	4.6	19.2	NNE	1	Zo	41	97	40	5	-	-	8	8	2500	1	3	54	41	36	0.4	Tr	4.0
	The Lizard ... 240	17.7	30.1	+0.1	WNW	4	bc	46	97	44	7	-	-	4.6	4.6	18.5	-	0	c	45	97	45	8	-	-	7.8	7.8	1600	1	3	52	44	*	Tr	Tr	7.4
	Scilly (St. Mary's) ... 163	17.7	30.1	+0.1	WNW	3	bc	47	97	47	8	-	-	4.6	4.6	18.4	W/S	1	fs	47	97	47	4	-	-	4.6	4.6	1500	1	3	54	41	*	Tr	Tr	8.5
	Guernsey ... 175	17.5	30.1	+0.1	-	0	c	47	97	47	8	-	-	4.6	4.6	18.4	W/S	1	fs	47	97	47	4	-	-	4.6	4.6	1500	1	3	54	41	*	Tr	Tr	8.5
6	Pembroke ... 142	16.0	30.1	+0.1	W/N	4	bc	46	92	44	7	-	-	2.3	2.3	17.9	WNW	3	bc	45	92	44	7	-	-	4.6	4.6	2500	1	3	49	36	*	Tr	Tr	1.5
	Holyhead ... 26	13.6	30.1	+0.1	S	1	id	45	97	45	3	-	-	10	10	15.7	-	0	c	44	97	44	8	-	-	4.6	9	1500	1	2	54	43	41	1	1	*
	Chester (Sealand) ... 16	14.9	30.1	+0.1	SE/S	3	o/t	42	85	38	4	-	-	10	10	16.0	SE/S	2	ff	43	97	42	3	-	-	10	10	400	1	*	48	41	40	0.1	0.1	0.0
	Manchester ... 235	15.1	30.1	+0.1	-	0	Zo	40	92	38	5	-	-	10	10	16.6	-	0	m	41	97	40	4	-	-	10	10	700	1	*	45	41	39	0.1	Tr	*
10	Spurn Head ... 29	15.6	30.1	+0.1	WNW	3	Zo	37	92	34	6	-	-	10	10	18.0	NNE	1	Zo	36	97	35	5	-	-	10	10	1500	1	2	38	35	34	Tr	Tr	0.0
	Catterick ... 175	16.4	30.1	+0.1	-	0	f	36	92	34	3	-	-	10	10	17.7	SE	1	f	37	92	35	3	-	-	10	10	1500	1	2	38	35	34	Tr	Tr	0.0
	Tynemouth ... 108	15.3	30.1	+0.1	N	3	o	36	85	29	7	-	-	10	10	17.3	SW	2	Zo	36	92	33	5	-	-	10	10	2000	1	3	38	35	34	Tr	Tr	*
11	St. Abbs Head ... 280	14.6	30.1	+0.1	WNW	1	o	35	85	31	7	-	-	10	10	18.0	SW	2	c	34	92	31	7	-	-	7.8	31	2000	1	3	39	36	*	Tr	Tr	*
	Leuchars ... 36	14.3	30.1	+0.1	-	0	Zo	35	97	34	6	-	-	10	10	15.9	-	0	d/d	35	92	33	6	-	-	10	10	1300	1	*	37	35	35	Tr	Tr	0.0
	Rearfrew (Abbots L.) ... 19	14.6	30.1	+0.1	ENE	2	Zo	37	85	33	5	-	-	10	10	15.3	ENE	2	d/d	36	97	34	6	-	-	10	10	700	1	*	40	35	35	Tr	Tr	0.0
	Eskdalemuir ... 794	794	30.1	+0.1	-	0	o	35	85	33	5	-	-	10	10	15.9	-	0	o	34	97	33	6	-	-	10	10	200	1	*	40	35	31	Tr	Tr	0.0
	Point of Ayre ... 30	13.3	30.1	+0.1	SSE	3	Zo	41	97	40	6	-	-	7.8	10	15.0	SE	3	f	41	97	40	5	-	-	10	10	1500	1	*	43	40	*	Tr	Tr	0.0
13A	Tiree ... 22	12.1	30.1	+0.1	SSE	4	ff	42	97	41	7	-	-	10	10	12.1	SE/S	3	dt	43	97	42	5	-	-	10	10	400	1	4	48	42	*	Tr	Tr	4.0
13B	Stornoway ... 80	11.8	30.1	+0.1	SSE	3	c	35	85	32	7	-	-	7.8	10	12.4	SSE	3	c	45	92	43	7	-	-	7.8	10	2500	1	2	47	36	32	Tr	Tr	0.0
15	Dalwhinnie ... 1176	1176	30.1	+0.1	-	0	o	35	85	32	7	-	-	10	10	15.4	S	2	o	35	85	32	7	-	-	10	10	1500	1	*	36	33	32	Tr	Tr	0.0
	Aberdeen ... 79	15.4	30.1	+0.1	-	0	so	33	92	30	5	-	-	10	10	14.0	SW/W	1	Zo	35	85	31	6	-	-	10	10	2700	1	*	39	33	33	Tr	Tr	0.0
	Wick ... 119	14.5	30.1	+0.1	SE	4	c	36	85	31	6	-	-	10	10	14.7	SE	4	c	37	85	33	7	-	-	7.8	10	1800	1	*	37	37	*	Tr	Tr	0.0
	Sumburgh ... 30	17																																		

SECRET

Saturday 21st March 1942

No. 29339

Page 1

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

OBSERVATIONS at 13h. G.M.T. 20th March

OBSERVATIONS at 18h. G.M.T. 20th March

PAST 24 HOURS.

Main weather observation table with columns for Station, Barom., Wind, Temp., Humid., Dew Point, Cloud, and Weather. Includes stations like London (Kew), Birmingham, and various coastal points.

DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 21st March

Forecast table for districts including S.E. England, E. England, S.W. England, South Wales, North Wales, N.W. England, N. Midlands, N.E. England, S.E. Scotland, S.W. Scotland, and various Scottish regions.

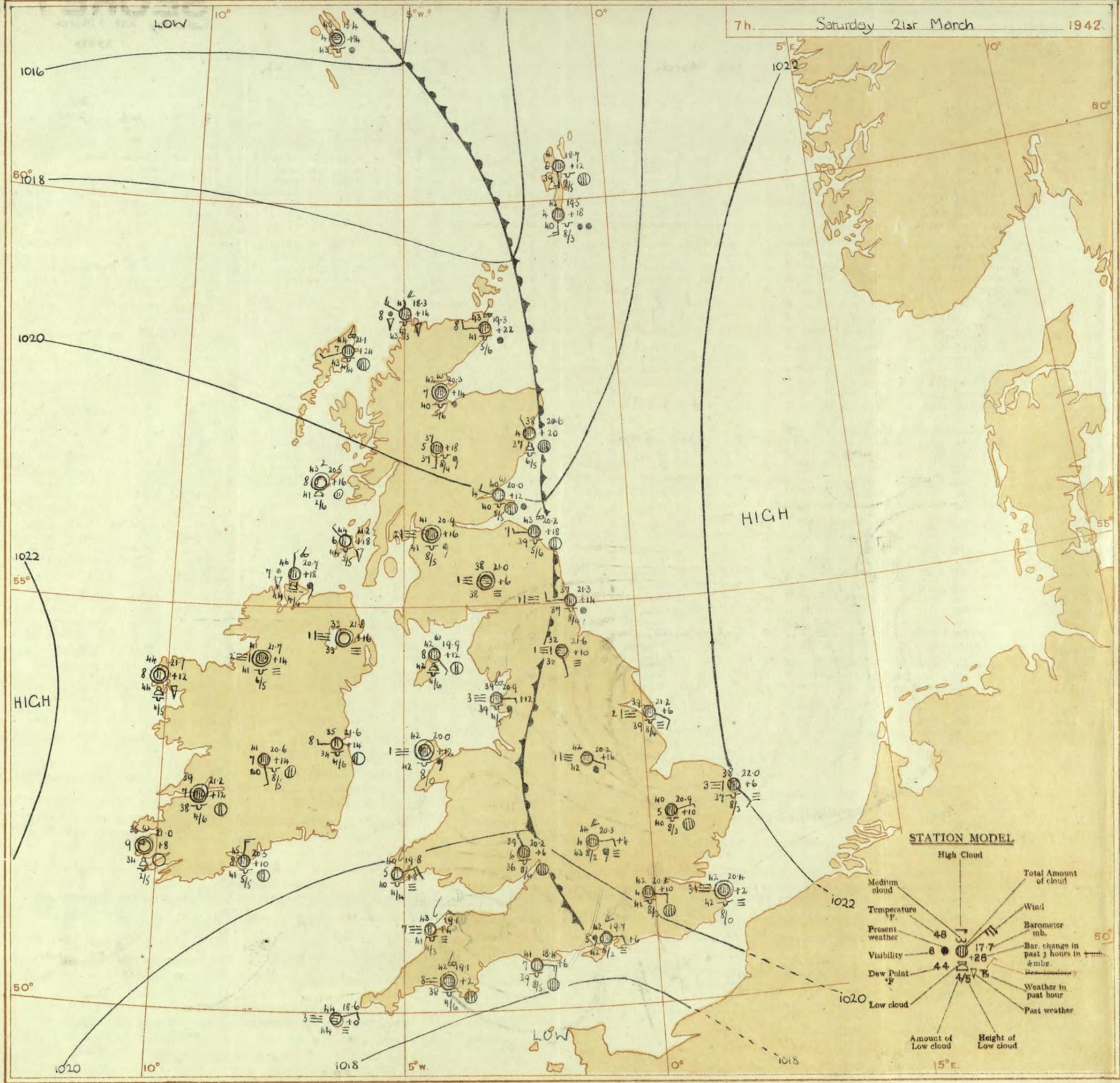
Forecast table for Orkneys and Shetlands, N.W. Ireland, N.E. Ireland, S.E. Ireland, and S.W. Ireland.

GENERAL INFERENCE

A ridge of high pressure from west to east across the British Isles continues to increase in intensity, and a depression over Southwest Spain is spreading to the Mediterranean. Apart from a little, local light drizzle weather will be dry but mostly dull, over England. Temperatures will become lower in the East and South.

FURTHER OUTLOOK

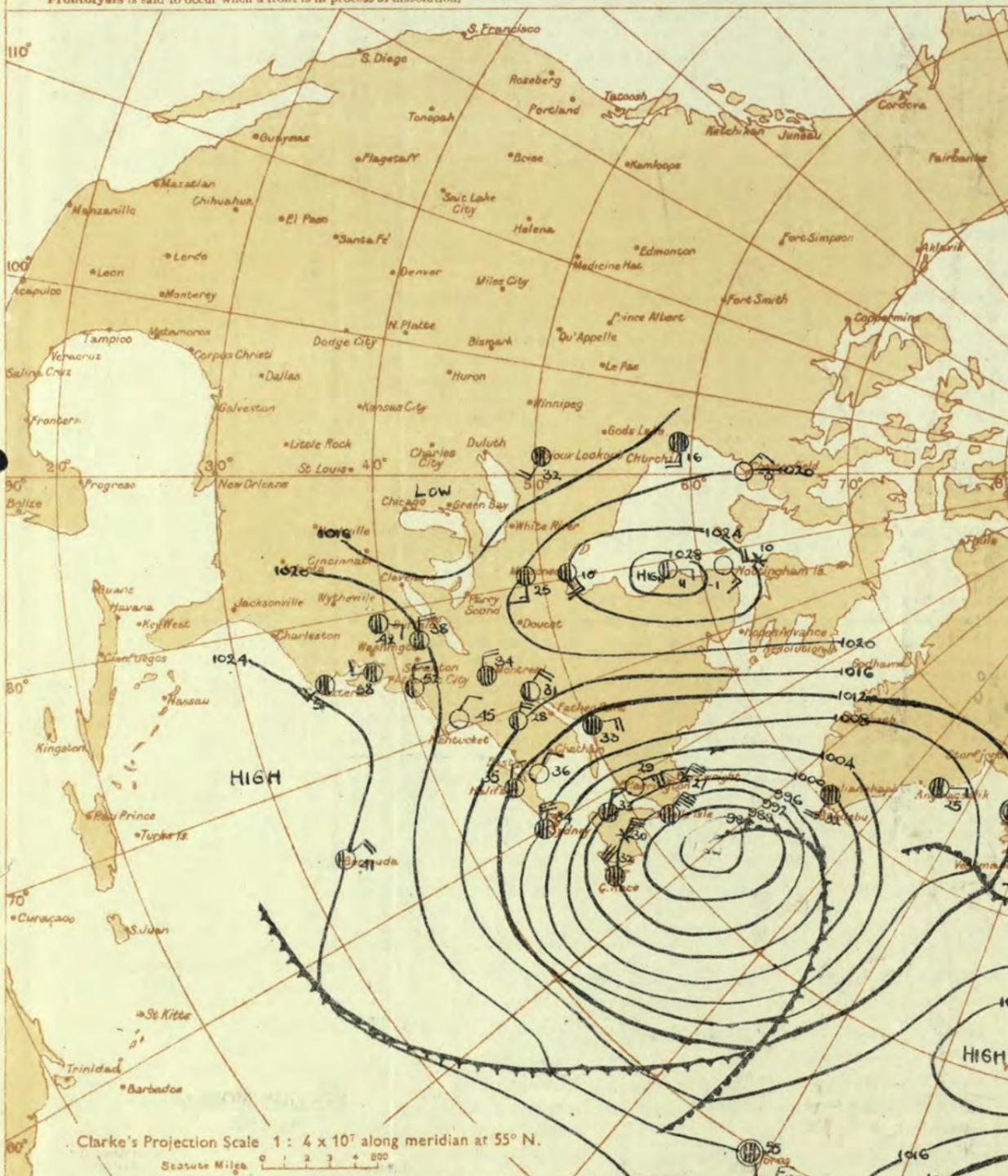
Continuing mainly dry except, perhaps, in the extreme Northwest; mainly rather cold for the season.



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)  
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.  
**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.  
**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.  
**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.  
**Frontolysis** is said to occur when a front is in process of dissolution.



Clarke's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
 Statute Miles 0 1 2 3 4 500

## EXPLANATION OF CHART.

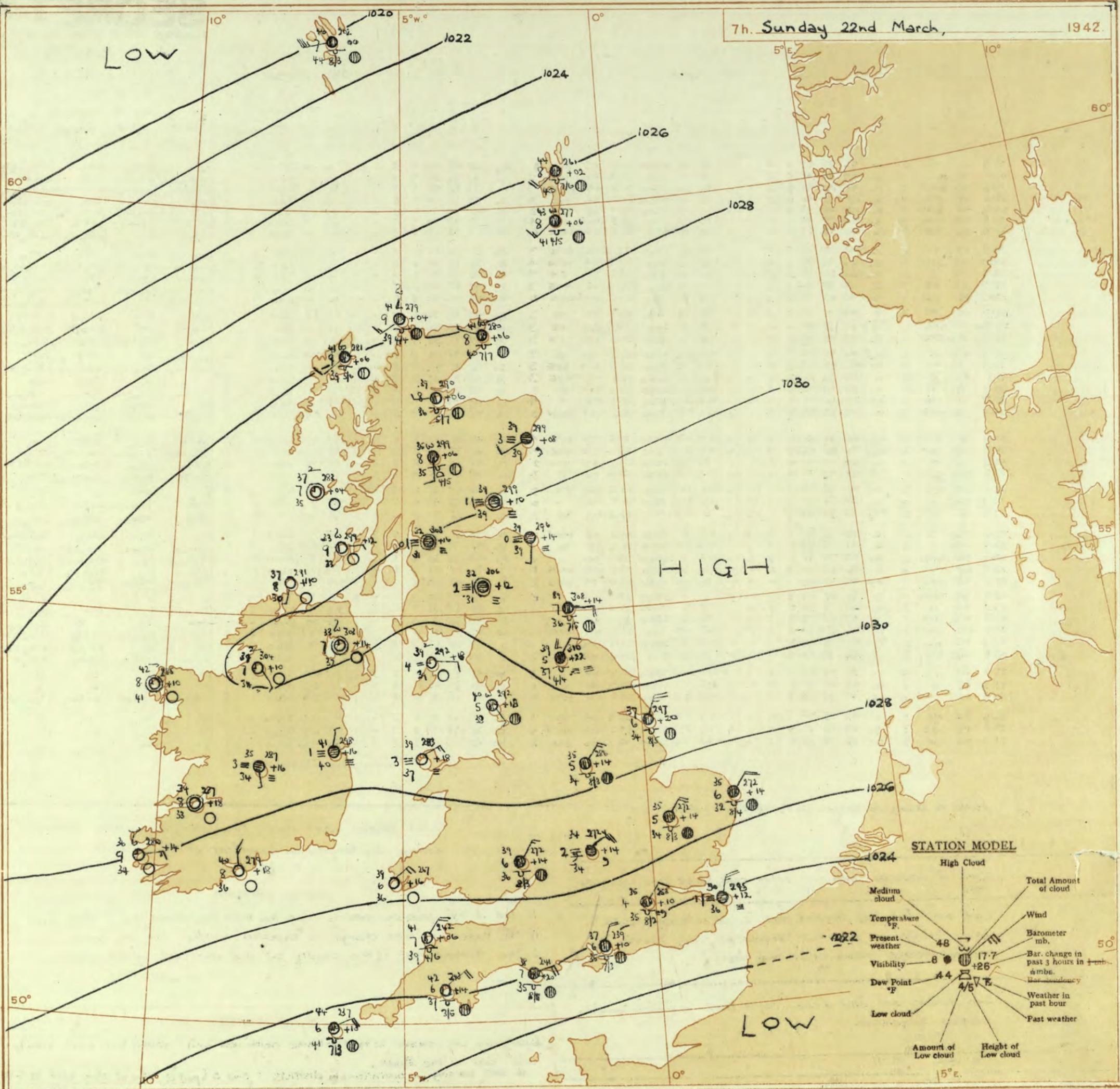
**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows by wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS:** ☀ Clear sky. ☁ Sky less than 3/10 clouded. ☂ Sky 4/10 to 6/10 clouded. ☃ Sky 7/10 to 9/10 clouded. ☄ Overcast sky. ☔ Rain falling. ❄ Snow. ❄ Sleet. ⚡ Hail. ☁ Fog. ☁ Mist. ☁ Thunder. ☁ Thunderstorm. ☁ Slight haze. ☁  
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.  
**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. (For explanation see page 3.)  
**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.

All times are G.M.T. Add one hour to get summer time.



## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

OBSERVATIONS at 13h. G.M.T. 21st March															OBSERVATIONS at 18h. G.M.T. 21st March															PAST 24 HOURS.							
District	Station	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind (3-4)		Weather (5)	Temp. °F (6)	Humid. % (7)	Dew Point °F (8)	Visibility 0-9 (9)	Cloud (10-12)			Barom. at M.S.L. (16)	Change in 3 hours (17)	Wind (18-19)		Weather (20)	Temp. °F (21)	Humid. % (22)	Dew Point °F (23)	Visibility 0-9 (24)	Cloud (25-27)			State of ground (31)	Sea (32)	Weather (39-42)									
				Dir.	Force						Form	Amount	Height of Base (feet)			Form	Amount						Height of Base (feet)	7h.-13h. 21st (39)	13h.-18h. 21st (40)			18h. 21st to 1h. 22nd (41)	1h.-7h. 22nd (42)								
				Low	Med						High	Low	Total			Low	Med						High	Low	Total			Height of Base (feet)									
1	London (Kew)	21.2	0	E'N	3	m	46	85	42	4	5	-	10	10	2500	21.6	+6	NE	3	Zo	45	85	40	5	5	-	10	10	2500	1	*	cfr	cmm	cmm	cm,cd,m		
	Croydon	02.1	0	NE'E	2	Zo	44	85	41	5	5	-	10	10	600	21.2	+6	NE'E	2	Zo	41	92	39	4	5	-	10	10	600	1	*	omom	om,om	cm	cm,d,of		
	S. Farnborough	21.2	+2	E'NE	2	m	47	85	43	4	5	1	9	10	1200	21.0	+6	NE'E	3	Zo	46	85	42	4	5	-	9	9	1500	1	*	od,fin	cm,cm,com	cm,com	od,of,m		
	Boscombe Down	22.0	0	E'N	2	Zo	47	92	46	6	5	-	10	10	1400	20.8	+6	E'NE	3	Zo	48	85	44	5	5	-	10	10	600	1	*	om	cm	cm	cm,of,m		
	Thorney Island	20.2	-2	E'NE	2	Zo	48	85	44	6	5	-	10	10	800	20.1	+2	E'NE	3	Zo	48	75	41	7	5	-	10	10	1500	1	*	om	om,cm	cm,m	om,cm		
	Lynnhoe	21.4	+2	E'NE	2	Zo	44	92	42	5	5	-	10	10	900	21.5	+6	NNE	4	Zo	37	97	36	4	5	-	10	10	300	1	5	om	om	om,of	od,of		
	Manston	21.6	+2	NNE	3	Zo	44	92	38	5	5	-	10	10	400	21.5	+6	NNE	4	Zo	37	92	34	5	5	-	10	10	500	1	5	om	om	om,of	od,of		
2	Shoeburyness	21.9	+2	E'N	2	Zo	42	92	39	5	5	-	10	10	1200	22.1	+2	NE'N	3	Zo	37	92	35	5	5	-	10	10	400	1	*	ofm	om	om	om		
	Felixstowe	22.2	+2	E'NE	2	Zo	40	85	36	6	5	-	10	10	800	22.3	+4	NE'N	4	Zo	36	92	34	6	5	-	10	10	500	1	3	om,om,om	om	om,od,m	om,od,om		
	Gorleston	22.9	-2	E	2	Zo	38	92	35	5	5	-	10	10	600	23.6	+4	E'N	4	Zo	36	92	33	7	5	-	10	10	700	0	3	ormz	cm,c	cm	cm		
	Mildenhall	22.2	+2	E'S	2	Zo	44	85	40	6	5	-	10	10	800	22.6	+6	E'NE	3	Zo	42	85	39	5	5	-	10	10	600	1	*	om,om	om,om	om,od,om	om,od,om		
	Cranwell	22.7	+6	E'N	1	Zo	43	97	42	5	5	-	7-8	10	600	23.7	+14	E'NE	3	Zo	42	92	40	6	5	-	10	10	2000	1	*	ofm,cm	cm	cm,m	om		
3	Birmingham	21.5	+2	NE	2	f	45	92	43	3	5	?	9	10	800	22.4	+6	NE	3	Zo	44	85	40	5	5	-	7-8	7-8	2500	1	*	Ffd,c	fcz	cbcz	bcm		
	Upper Heyford	20.8	+2	E'NE	1	m/f	45	97	45	4	5	-	10	10	200	21.6	+10	NE	3	m	44	92	42	4	5	-	10	10	800	1	*	cmf,ff	em	amof	md,of,fe		
	Ross-on-Wye	21.2	0	E'NE	3	Zo	49	85	43	5	5	-	10	10	800	21.3	+10	E'N	3	c/r	42	85	38	4	5	-	10	10	800	1	*	com	cm,cm	om,cm	om		
5	Hartland Point	20.2	+2	NE	2	bcif	45	85	42	7	2	-	4-6	4-6	2500	20.3	+6	NE	3	c	47	85	43	6	7	-	7-8	7-8	2500	1	3	ifc,cb	bcc	cbcb	bcc		
	Bristol	21.4	0	NE	2	Zo	48	85	43	5	5	-	10	10	800	21.5	+10	E'NE	3	Zo	49	85	44	5	5	-	9	9	2500	1	*	cof,mm	cm	cm,cm	cf,od,m		
	Portland Bill	19.8	+2	E	3	o	43	92	41	7	5	-	10	10	2500	19.8	-6	E'NE	3	o	45	92	43	7	5	-	10	10	2500	1	3	o	o	bcc	co		
	Plymouth	19.7	-2	E	2	Zo	57	65	45	6	2	-	4-6	4-6	2500	20.0	+10	E'S	3	Zo	48	85	43	6	1	3	1	7	1	5000	0	1	cbcz	cm,cm	bm,m	bm,bcm	
	The Lizard	18.7	0	NE	3	bc	52	65	41	8	2	6	-	4-6	4-6	1500	19.4	+8	E	4	bc	45	97	45	4	5	-	10	10	700	0	3	bc	becom	bcc	bcm	
	Scoily (St. Mary's)	19.4	-2	NE'N	3	c	48	92	46	8	2	-	2-3	7-8	1200	19.5	+2	NE'N	3	bc	48	85	44	8	5	-	4-6	4-6	1200	1	3	bcif	becb	bccbcw	bcw,c		
	Guernsey																																				
6	Pembroke	21.0	0	N'W	4	cjf	50	85	45	7	2	4	-	4-6	7-8	2400	21.5	+6	N'E	4	bcif	46	85	42	8	1	4	-	2-3	2-3	3000	1	2	bcife	bcif	cbc	cm
	Holyhead	21.8	+2	SW	2	bcif	50	85	46	4	2	-	4-6	4-6	1500	23.0	+10	NNE	4	cjt	44	97	43	5	4	-	7-8	7-8	100	1	2	af,ebcm	bc,jfm	cbmm	cm,bfw		
	Chester(Sealand)	22.0	0	N	3	m	50	75	41	4	5	-	9	9	2000	22.9	+10	UNW	2	ir	45	85	42	6	5	-	10	10	1400	1	*	bcff,cm	cm,cm	bcbmf	bccf,m		
	Manchester	21.7	+2	NW'N	1	m/f	49	75	41	4	1	-	7-8	7-8	2500	22.6	+8	E	3	m	48	65	38	4	3	-	0	7-8	-	1	*	fbczf	bcz	bcm,w	cm		
10	Spurn Head	23.1	+4	SE'E	2	ft	39	97	39	1	2	-	10	10	1100	24.2	+10	E'S	3	Zo	38	97	37	6	5	-	10	10	800	0	2	ff	om	o	o		
	Catterick	23.0	+2	-	0	Zo	50	75	44	6	2	3	-	2-3	4-6	2500	24.5	+6	-	0	m	46	92	44	4	5	-	9	9	2500	1	*	bcm	bcm,cm	cm,of	of,cmd	
	Tynemouth	23.3	+6	N	2	bcif	42	92	40	5	-	3	-	0	2-3	-	25.0	+12	SE	2	bc	41	92	39	5	-	3	0	4-6	-	1	3	obcf	bcm	of,om	om,c	
11	St. Abbs Head	23.6	+20	S	1	c	49	85	46	7	5	8	-	7-8	9	3000	24.2	+8	NNW	1	c	46	85	42	7	5	7	-	7-8	7-8	2500	1	2	cm	cm	cm	befom,of
	Leuchars	23.2	+16	E	3	c	51	75	40	8	3	3	-	4-6	7-8	3000	24.6	+8	SE	1	Zo	47	75	40	6	5	-	7-8	7-8	3500	1	*	cbm,be	becm	cm,bcm	cm,of	
	Rentfrew (Abbots L.)	23.0	+6	UNW	2	Zo	52	75	47	6	2	3	-	2-3	9	2500	24.1	+6	-	0	Zo	52	75	46	6	3	6	-	4-6	9	2100	1	*	cf,mm,c	cz	cm,bmf	b,of,x
	Eskdalemuir	22.5	+6	-	0	c	46	85	42	8	5	-	10	10	1800	23.9	+8	NE'N	1	c	46	85	42	8	5	4	-	7-8	10	2800	1	*	of,cm	c	bccm	cof,x	
	Point of Ayre	22.5	+8	NE'E	1	ft	44	97	44	1	-	-	10	10	450	23.1	+4	UNW	2	ft	43	97	42	2	-	-	10	10	1150	0	1	fffo	fffc	ffbz	bzw		
13A	Tires	23.8	+8	NNW	1	b	51	75	43	8	1	-	5	1	3500	24.7	+4	-	0	b	47	85	42	9	-	5	0	7	-	0	2	b	b	b	bbf		
13B	Stornoway	23.3	+10	W	3	c	49	75	40	8	5	7	-	7-8	9	2500	25.0	+10	NW	1	c	48	65	38	8	5	7	-	7-8	9	2500	1	1	ie	c	cb	b,c
15	Dalwhinnie	23.8	+10	NNE	1	o	47	65	38	8	5	-	10	10	2500	26.1	+12	-	0	c	43	85	38	8	5	-	9	10	2500	1	*	oco	oc	*	c		
	Aberdeen	23.7	+12	ESE	1	ir	46	85	40	5	6	7	-	7-8	10	1100	25.5	+14	E'NE	1	Zo	45	92	43	5	9	-	9	9	900	1	1	bcz,ir	cm,cm	cm	cid,ffw	
	Wick	22.9	+18	NW	2	y/pr	49	75	42	9	2	-	7-8	9	2000	25.3	+16	-	0	c	47	85	43	9	5	7	-	7-8	9	3500	1	*	cpr,e	c	cm,of,cm	cm,bcc	
16	Sumburgh	21.5	+10	SW	3	id	44	97	44	4	5	-	10	10	300	24.0	+14	WSW	2	c	44	97	42	8	5	-	9	9	2000	1	4	oid,m	of,of,c	cbcc			



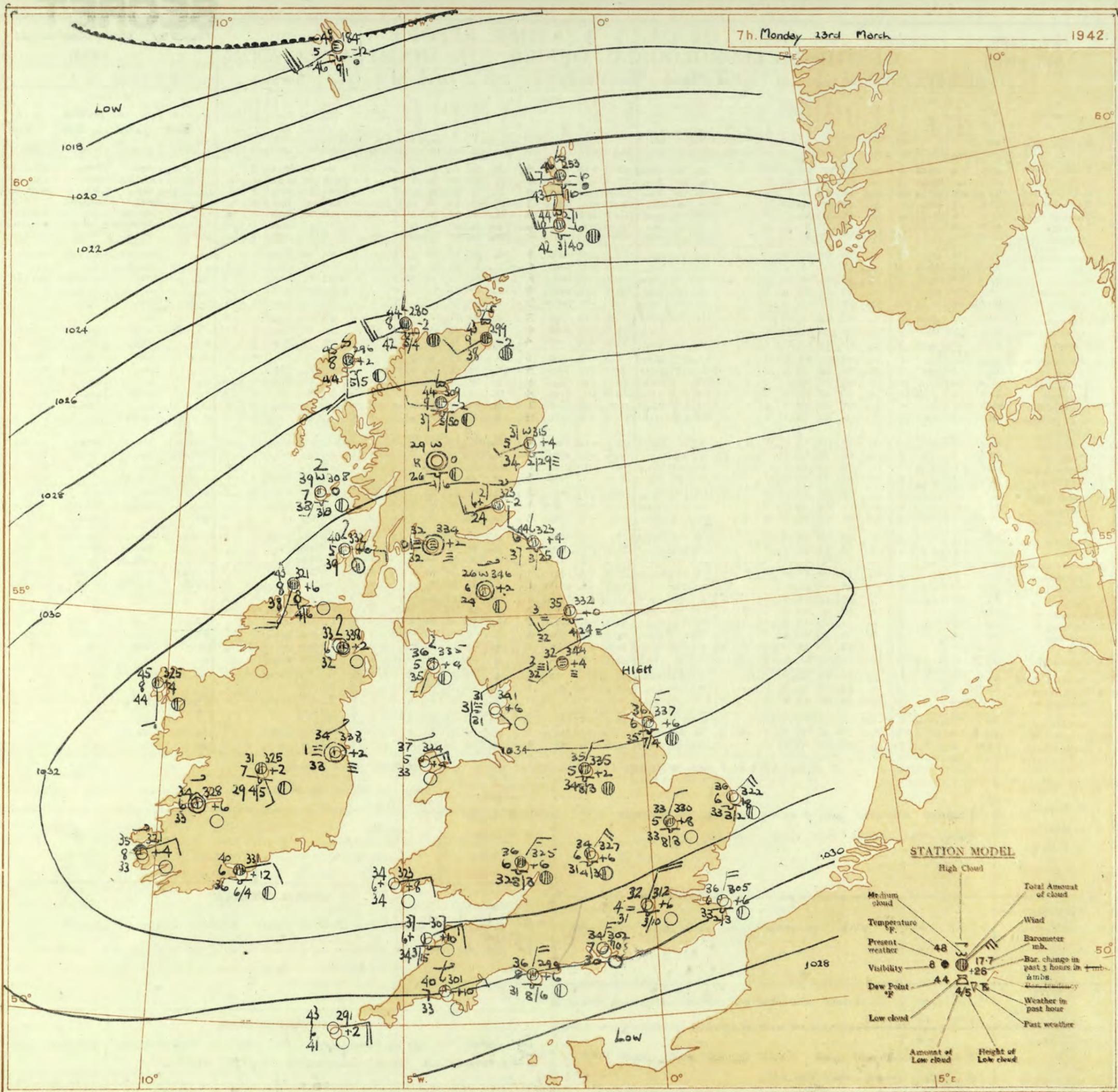


OBSERVATIONS at 1 hr. G.M.T. 22nd March																	OBSERVATIONS at 7 hr. G.M.T. 22nd March																	PAST 24 HOURS.							
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Dew Point °F.	Visibility.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Dew Point °F.	Visibility.	Cloud.			State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 21st Hr.							
					Dirac.	Force.						Form.	Amount.	Height of Base (feet).			Form.	Amount.						Height of Base (feet).	Low.	Med.			High.	Low.	Med.	High.	Low.		Med.	High.	Low.	Med.	High.	Day 7h-18h mm.	Night 18h-7h mm.
1	London (Kew)	18	23.9	+4	NNE	4	37	87	34	4	5	-	-	10	10	500	25.3	+10	NE	2	id	3	36	82	34	5	5	-	-	10	10	1500	1	47	36	35	-	Tr	0.0		
	Croydon	217	23.9	+4	NNE	4	37	87	34	4	5	-	-	10	10	500	25.3	+10	NE	2	id	3	36	82	34	5	5	-	-	10	10	400	1	45	35	34	-	Tr	0.0		
	S. Farnborough	226	24.2	+10	ENE	4	37	82	36	4	5	-	-	10	10	900	25.9	+12	NE	4	id	4	35	87	34	4	5	-	-	10	10	100	1	51	35	35	-	Tr	0.9		
	Boscombe Down	417	23.6	+6	NE/N	4	42	82	39	6	5	-	-	10	10	1100	25.9	+14	NE/N	4	id	4	35	87	35	5	5	-	-	10	10	200	1	50	34	34	-	Tr	0.2		
	Thorney Island	10	22.2	+2	NE/N	4	40	82	38	5	5	-	-	10	10	900	23.9	+10	NE/N	4	id	4	37	82	35	6	5	-	-	10	10	800	1	50	36	36	-	Tr	0.0		
	Lympe	346	22.8	+4	NNW	6	36	87	36	4	5	-	-	10	10	200	23.5	+6	NNE	6	id	6	36	87	36	2	1	-	-	10	10	150	1	42	35	35	-	Tr	0.0		
	Manston	154	23.2	+2	NE	4	36	87	35	5	5	-	-	10	10	200	24.5	+12	NNE	5	id	5	36	87	36	1	5	-	-	10	10	150	1	42	35	33	-	Tr	0.0		
2	Shoeburyness	11	24.4	+2	NE/N	4	id	35	87	34	6	5	-	-	10	10	500	25.2	+14	NE	4	id	4	35	87	34	5	5	-	-	10	10	500	1	42	35	35	-	Tr	0.0	
	Felixstowe	15	25.4	+2	NE/N	4	id	36	82	33	6	5	-	-	10	10	1500	27.2	+14	NE	4	id	4	35	82	32	6	5	-	-	10	10	400	1	40	34	34	-	Tr	0.0	
	Gorleston	5	25.4	+2	NE/N	4	id	36	82	33	6	5	-	-	10	10	1500	27.2	+14	NE	4	id	4	35	82	32	6	5	-	-	10	10	1500	0	4	38	34	33	-	Tr	0.0
	Mildenhall	19	25.6	+6	NE/N	4	id	35	82	34	5	5	-	-	10	10	600	27.2	+14	NE	4	id	4	35	87	35	5	5	-	-	10	10	600	0	4	44	35	35	-	Tr	0.0
	Cranwell	240	26.8	+4	NE/N	3	id	38	82	36	5	5	-	-	10	10	500	28.6	+14	NE	3	id	3	35	87	34	5	5	-	-	10	10	600	1	48	35	35	-	Tr	0.3	
3	Birmingham	535	25.8	+14	NE/E	4	off	35	87	35	3	5	-	-	10	10	200	27.2	+14	NE	5	off	5	34	87	34	2	1	-	-	10	10	150	1	45	34	34	-	Tr	0.0	
	Upper Heyford	408	25.8	+14	NE/E	4	off	35	87	35	3	5	-	-	10	10	200	27.2	+14	NE	5	off	5	34	87	34	2	1	-	-	10	10	150	1	45	34	34	-	Tr	0.0	
4	Ross-on-Wye	223	27.2	+14	NE	3	id	39	85	36	6	5	-	-	10	10	800	27.2	+14	NE	3	id	3	39	85	36	6	5	-	-	10	10	800	1	51	38	38	0.1	Tr	0.9	
5	Hartland Point	299	22.9	+6	NE	4	b	45	85	42	6	5	-	-	0	0	-	24.2	+6	NE	4	b	41	85	39	7	4	-	-	4-6	4-6	3200	1	49	41	40	-	Tr	0.1		
	Bristol	209	24.3	+4	NE	4	b	43	85	38	4	5	-	-	10	10	2200	26.8	+12	NE/E	4	b	38	82	36	6	5	2	-	-	9+	10	800	1	53	37	37	-	Tr	0.8	
	Portland Bill	32	21.9	+8	E	3	c	44	82	42	7	5	-	-	7-8	7-8	2500	24.1	+20	ENE	4	c	38	85	35	7	5	-	-	10	10	2500	1	46	37	-	-	Tr	0.0		
	Plymouth	82	22.4	+2	ENE	4	b	45	75	39	5	3	-	-	0	1	-	24.3	+14	NE/E	4	b	42	85	37	6	5	-	-	2-3	2-3	2500	0	57	42	37	-	Tr	7.0		
	The Lizard	240	22.0	+4	NNE	3	b	44	82	42	6	4	-	-	4-6	4-6	2500	23.3	+12	NE	2	b	43	85	41	5	5	-	-	10	10	1000	0	53	42	-	-	Tr	7.2		
	Scilly (St. Mary's)	163	26.9	+6	NE/E	1	b	43	87	43	5	5	-	-	2-3	2-3	1000	23.7	+10	NE/E	4	b	44	85	41	6	5	-	-	9+	9+	1000	1	49	42	-	-	Tr	6.4		
	Guernsey	175	26.9	+6	NE/E	1	b	43	87	43	5	5	-	-	2-3	2-3	1000	23.7	+10	NE/E	4	b	44	85	41	6	5	-	-	9+	9+	1000	1	49	42	-	-	Tr	6.4		
6	Pembroke	142	24.6	+6	ENE	4	b	45	82	45	7	1	-	-	2-3	2-3	2500	27.0	+10	NE/N	4	b	40	82	38	6	1	-	-	2-3	2-3	3000	1	58	31	-	-	Tr	5.6		
7	Holyhead	26	25.9	+8	NE	2	b	39	87	39	5	5	-	-	0	0	-	28.3	+18	NE/E	3	b	39	87	37	3	1	-	-	0	0	-	1	52	38	30	-	Tr	3.0		
	Chester (Sealand)	16	26.8	+10	WNW	1	b	37	82	35	3	1	-	-	0	0	-	29.1	+18	-	0	b	41	85	36	5	5	-	-	10	10	1500	1	56	35	28	-	Tr	3.0		
8	Manchester	235	26.9	+14	-	0	b	37	82	35	4	5	-	-	4-6	4-6	3000	29.2	+18	ENE	1	b	40	82	37	6	5	-	-	10	10	3000	1	53	36	30	-	Tr	0.0		
10	Spurn Head	29	27.1	+14	NE/N	3	b	37	82	34	6	5	-	-	10	10	1500	29.7	+20	NE/N	5	b	37	82	34	6	5	-	-	10	10	2500	0	39	36	-	-	Tr	0.0		
	Catterick	175	28.2	+6	NNE	1	b	41	87	40	2	1	-	-	10	10	1500	31.0	+22	NE	2	b	39	87	37	5	5	2	-	-	4-6	10	200	1	52	38	38	-	Tr	4.9	
	Tynemouth	108	28.1	+6	SE	2	b	40	87	40	5	5	-	-	10	10	1500	30.8	+14	E	4	b	39	87	36	7	5	-	-	9+	9+	2200	1	45	39	38	-	Tr	0.0		
11	St. Abba Head	280	27.4	0	-	0	b	40	87	39	5	5	-	-	7-8	7-8	1500	29.6	+14	SSW	1	b	39	87	39	0	1	-	-	10	10	1500	1	50	38	-	-	Tr	0.0		
	Leuchars	36	27.9	+6	-	0	b	40	87	40	4	5	-	-	4-6	10	4000	29.9	+10	-	0	b	39	87	39	1	1	-	-	10	10	1500	1	53	39	33	-	Tr	5.3		
12	Renfrew (Abbots L.)	19	28.0	+8	SE	1	b	38	87	37	3	5	-	-	Tr	Tr	3000	30.3	+16	-	0	b	32	87	31	0	1	-	-	10	10	1500	1	54	30	25	-	Tr	1.5		
	Eakdalemuir	794	27.2	+8	-	0	b	36	87	36	6	5	-	-	0	0	-	29.2	+18	ESE	2	b	39	87	39	2	1	-	-	10	10	1500	3	48	30	23	-	Tr	0.3		
	Point of Ayre	30	27.2	+8	-	0	b	36	87	36	6	5	-	-	0	0	-	29.2	+18	ESE	2	b	39	87	39	4	1	-	-	5	0	1	-	0	1	47	35	-	Tr	3.6	
13A	Tiree	22	26.7	+2	-	0	b	37	85	34	9	3	-	-	0	Tr	-	28.3	+4	-	0	b	37	85	35	7	1	-	-	5	0	Tr	0	2	52	36	-	-	Tr	10.8	
13B	Stornoway	80	27.3	+4	-	0	b	38	85	35	8	1	-	-	0	0	-	28.1	+6	SW	2	b	41	82	39	9	5	7	-	-	7-8	9	3500	1	51	37	-	-	Tr	1.3	
15	Dalwhinnie	1176	28.2	+4	-	0	b	42	87	41	6	5	-	-	7-8	7-8	2500	29.9	+6	SW/W	2	b	35	87	35	8	7	3	-	-	4-6	9+	2500	3	48	29	22	-</			

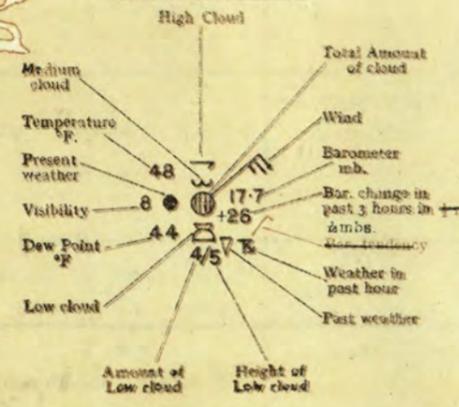


7h. Monday 13th March

1942.



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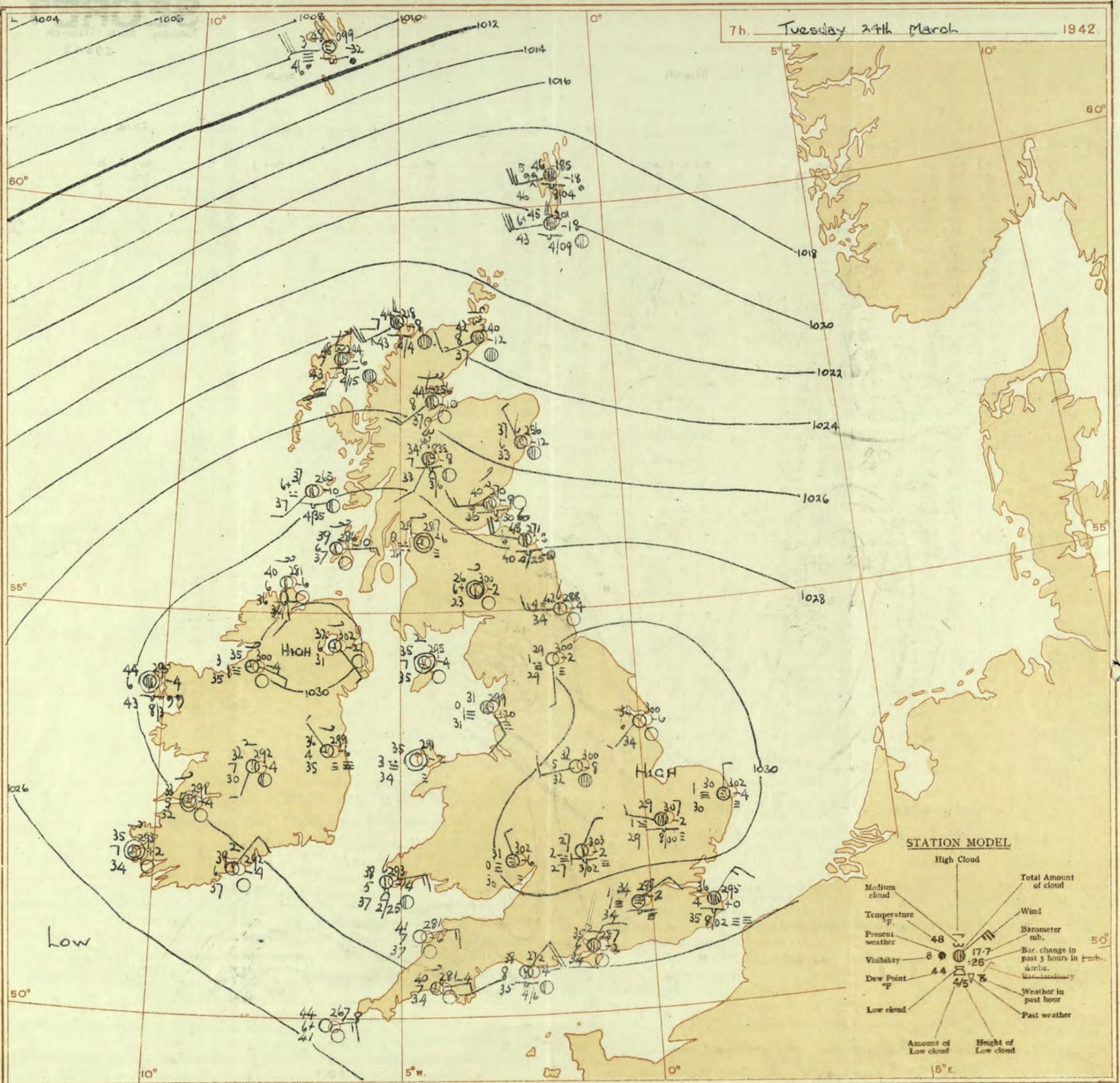




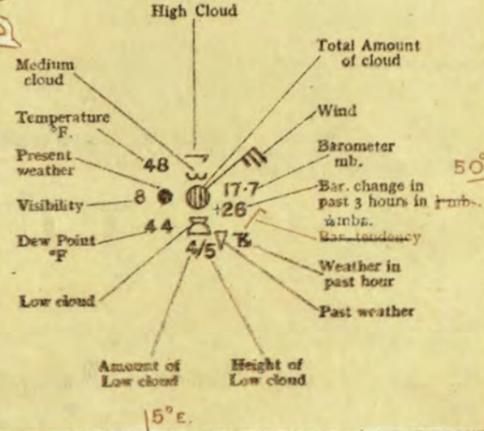
OBSERVATIONS at 1 hr. G.M.T. 23rd March															OBSERVATIONS at 7 hr. G.M.T. 23rd March															PAST 24 HOURS.										
Distric.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Dew Point. °F. (8)	Visibility. (9)	Cloud.			Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (21)	Humid. % (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud.			Barom. at M.S.L. (31)	Sea. (32)	TEMPERATURE.			RAINFALL.		SUNSHINE 22nd Hr. (38)						
					Dir.	Force.						Form.	Amount.	Height of Base (feet) (15)			Dir.	Force.						Form.	Amount.	Height of Base (feet) (30)			State of Ground. (33)	Max. Day 7h-18h °F. (33)	Min. Night 18h-7h °F. (34)	Min. on Grass °F. (35)	Day 7h-18h mm. (36)		Night 18h-7h mm. (37)					
1	London (Kew)	18	*	*	NNE	4	36	92	33	4	5	7-8	9	1000	31.7	+6	NE/N	2	Z	34	85	30	5	-	-	-	1	*	40	33	28	-	-	0.0						
	Croydon	217	30.5	+4	NNE	4	35	92	33	4	5	7-8	9	1000	31.2	+6	NNE	4	Z	32	92	31	4	5	-	-	1	*	39	32	29	-	-	0.0						
	S. Farnborough	226	31.1	+2	NE/N	3	36	92	34	5	5	10	10	300	31.3	+12	NNE	2	Z	33	92	30	5	-	-	1	*	39	32	28	Tr	-	0.0							
	Boacombe Down	417	31.2	+4	NE/N	3	36	92	34	5	5	10	10	400	31.4	+2	NE/N	4	Z	35	92	33	6	5	-	-	1	*	38	-	-	-	-	0.0						
	Thorney Island	10	29.2	+6	NNE	4	37	85	34	6	6	1	1	1400	30.2	+10	NE	3	b	34	85	30	7	-	-	1	*	44	33	27	-	-	*							
	Lympe	346	28.6	+2	NNE	6	37	92	32	6	6	1	1	500	29.0	+6	NNE	4	Z	35	92	33	6	5	-	-	1	*	37	33	32	-	-	0.4						
	Manston	154	29.9	+2	N	5	36	92	33	5	5	4-6	4-6	700	30.5	+6	NE	4	Z	36	92	33	6	5	-	-	1	*	38	35	30	Tr	-	0.0						
2	Shoeburyness	11	*	*	NNE	3	36	92	33	5	5	-	-	-	31.1	+6	N	3	b	33	92	31	6	-	-	1	*	40	31	24	-	-	0.0							
	Felixstowe	15	30.8	+4	NNE	3	34	92	32	5	-	-	-	-	31.4	+6	NE	3	Z	33	92	31	6	-	-	1	*	40	32	29	-	-	0.0							
	Gorleston	5	31.4	+2	NE	4	35	92	31	5	-	-	-	-	32.2	+8	NE	4	Z	36	92	33	6	5	-	-	3	2	40	34	32	-	-	0.0						
	Mildenhall	19	32.6	+6	NNE	3	35	92	31	5	-	-	-	-	33.0	+8	NNE	2	Z	33	92	33	5	5	-	-	1	*	39	31	26	-	-	0.0						
	Cranwell	240	33.1	+2	NE/N	3	36	92	34	5	5	10	10	500	33.5	+2	NE/N	2	Z	35	92	34	5	5	-	-	1	*	39	34	34	-	-	0.0						
3	Birmingham	535	*	*	NNE	5	34	92	34	4	5	10	10	300	32.7	+6	NE	4	Z	34	92	31	6	5	-	-	1	*	37	34	32	-	-	0.0						
	Upper Heyford	408	32.2	+2	NNE	5	34	92	34	4	5	10	10	300	32.7	+6	NE	4	Z	34	92	31	6	5	-	-	1	*	37	34	32	-	-	0.0						
4	Ross-on-Wye	223	*	*	NNE	5	34	92	34	4	5	10	10	300	32.7	+6	NE	4	Z	34	92	31	6	5	-	-	1	*	37	34	32	-	-	0.0						
5	Hartland Point	299	30.1	+8	NE	4	bc	38	92	35	6	5	-	-	2-3	2-3	4000	30.7	+10	ENE	3	bc	37	92	34	6	5	-	-	2-3	2-3	1500	0	3	47	36	38	-	-	6.5
	Bristol	209	32.2	+2	NE	4	Z	38	85	34	5	5	-	-	10	10	1200	33.1	+10	NE/E	4	Z	36	92	33	5	5	-	-	1	*	41	36	35	-	-	0.0			
	Portland Bill	32	29.1	+12	NE	4	bc	38	85	35	8	2	-	-	4-6	4-6	4000	29.9	+6	NNE	4	c	36	85	33	8	5	-	-	10	10	4000	1	4	41	35	-	-	0.0	
	Plymouth	82	29.0	+2	N	1	Z	41	75	32	6	-	-	-	30.1	+10	ENE	1	Z	40	75	34	7	-	-	4	1	0	Tr	0	2	54	38	33	-	-	9.3			
	The Lizard	240	28.1	+6	NE/E	4	bc	42	85	38	6	4	-	-	2-3	2-3	2500	28.8	+6	ENE	3	bc	41	85	36	5	4	-	-	2-3	2-3	2500	0	3	50	37	-	-	9.2	
	Scilly (St. Mary's)	163	28.7	+2	ENE	3	b	44	92	42	6	-	-	-	29.1	+2	ENE	4	b	43	92	41	6	-	-	1	3	49	42	-	-	-	-	6.8						
	Guernsey	175	*	*	ENE	3	b	44	92	42	6	-	-	-	29.1	+2	ENE	4	b	43	92	41	6	-	-	1	3	49	42	-	-	-	-	6.8						
6	Pembroke	142	31.5	+8	E/N	4	Z	38	92	37	6	2	-	-	2-3	2-3	2500	32.3	+8	E/N	2	b	34	92	34	6	-	-	1	2	55	-	-	-	-	7.8				
7	Holyhead	26	32.3	0	ENE	3	Z	39	85	35	6	-	-	-	32.4	+4	ENE	3	Z	37	85	33	5	-	-	1	0	Tr	1	2	51	36	32	-	-	0.0				
	Chester (Sealand)	16	33.5	+2	ENE	1	n	39	85	34	4	5	-	-	10	10	1300	33.8	+4	E	1	Z	37	85	33	5	5	-	-	9	9	1100	0	0	45	37	35	-	-	0.4
8	Manchester	235	33.8	0	E/N	1	Z	37	85	33	5	5	-	-	10	10	1600	34.3	+10	ESE	1	Z	35	92	33	6	5	-	-	10	10	2000	1	0	44	35	32	-	-	0.0
10	Spurn Head	29	33.2	0	NNE	3	0	35	92	35	6	5	-	-	10	10	1500	33.7	+6	NE/N	3	c	36	92	35	6	5	-	-	9	9	1500	0	2	40	35	-	-	0.0	
	Catterick	175	34.5	0	-	0	n	33	92	32	4	5	-	-	10	10	900	34.4	+4	SW	1	f	32	92	32	2	-	-	10	10	450	1	0	49	31	30	Tr	-	-	0.4
	Tynemouth	108	33.2	0	S	3	Z	36	92	33	5	-	-	-	33.2	0	SW	3	bef	35	92	32	3	5	-	-	1	2	45	34	34	-	-	-	-	0.0				
11	St. Abbs Head	280	22.0	+4	SW	1	b	44	75	37	6	5	-	-	Tr	Tr	2500	32.3	+4	WNW	2	Z	44	75	37	6	5	4	-	2-3	4-6	2500	1	2	48	39	-	-	-	0.0
	Leuchars	36	32.4	+2	WSW	1	n	40	92	38	4	-	-	-	0	0	-	32.3	-2	WSW	3	4	37	85	34	6	-	-	2	0	7-8	-	-	52	36	31	-	-	4.6	
12	Renfrew (Abbots L.)	19	33.2	+6	-	0	ft	37	92	36	3	-	-	-	0	0	-	33.4	+2	-	0	F	32	92	32	0	-	-	10	10	450	1	0	54	30	26	Tr	Tr	6.2	
	Eskdalemuir	794	*	*	-	0	ft	37	92	36	3	-	-	-	0	0	-	34.6	+2	-	0	F	32	92	32	0	-	-	3	2	0	4-6	-	-	54	26	17	-	-	7.6
	Point of Ayre	30	32.4	+2	S	1	Z	37	92	37	5	-	-	-	0	0	-	33.5	+4	SW	1	Z	36	92	35	5	-	-	6	0	4-6	-	-	48	35	-	-	-	2.3	
13A	Tiree	22	31.1	0	SSW	1	b	42	85	37	8	-	-	-	0	0	-	30.8	0	SSW	1	bc	39	92	38	7	5	3	6	2-3	4-6	3500	0	3	52	36	-	-	-	9.9
13B	Stornoway	80	30.2	+4	S	4	c	45	92	43	7	7	-	-	7-8	9	2000	29.6	+2	S	4	c	45	92	44	8	5	7	-	7-8	10	2500	1	3	51	44	-	-	-	4.1
15	Dalwhinnie	1176	*	*	S	4	c	45	92	43	7	7	-	-	7-8	9	2000	29.6	+2	S	4	c	45	92	44	8	5	7	-	7-8	10	2500	1	3	51	44	-	-	-	4.1
	Aberdeen	79	32.1	0	WSW	1	Z	40	85	38	8	5	3	4	4-6	3000	31.5	+4	WSW	1	Z	37	85	34	5	5	3	-	1	7-8	2900	3	0	51	35	29	-	-	7.3	
	Wick	119	30.5	-4	SW/S	3	bc	42	85	37	8	4	8	0	4-6	-	29.9	-2	SW	2	c	43	85	38	9	-	-	7	8	0	9	-	-	55	31	-	-	-	0.0	
16	Sumburgh	30	28.7	+6	W	5	e	44	92	41	8	5	7	-	7-8	10	2500	27.1	-6	WSW	5	c	44	92	42	8	5	7	-	2-3	10	4000	1	4	45	43	40	-	-	0.0
17	Blackod Point	18																																						



7h. Tuesday 24th March 1942.



**STATION MODEL**





OBSERVATIONS at 1 hr. G.M.T. 24th March															OBSERVATIONS at 7 hr. G.M.T. 24th March															PAST 24 HOURS.				
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Dew Point. °F. (8)	Visibility. (9)	Cloud.				Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Temp. °F. (21)	Humid. % (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud.				Sea. (32)	TEMPERATURE.			SUNSHINE 23rd Hrs. (38)			
					Dir.	Force.					Form.	Amount.	Height of Base. (feet) (15)	Dir.			Force.	Form.					Amount.	Height of Base. (feet) (30)	Max. Day 7h-18h °F. (33)	Min. Night 18h-7h °F. (34)		Min. on Grass °F. (35)	Day 7h-18h mm. (36)	Night 18h-7h mm. (37)				
1	London (Kew)	18	30.5	-4	E	1	39	33	5					29.7	-4	NE	3	33	32	32	4	5				50	34	25			9.7			
	Croydon	217	30.5	-4	E	1	37	35	33	4				29.8	+2	NE/E	2	34	37	34	1	5				50	33	31	Tr	Tr	9.6			
	S. Farnborough	226	30.7	-6	ENE	1	37	35	33	4				29.7	-4	NE/E	2	34	37	34	2	5				52	33	25			9.7			
	Boscombe Down	417	30.8	-8	NE/N	2	38	32	36	4				29.7	-6	NE	2	32	37	31	6					50	31	25		Tr	10.0			
	Thorney Island	10	29.7	-6	NE	3	37	35	36	6				28.7	-2	NE	2	35	37	34	6					54	33	27						
	Lymyne	346	29.8	-6	NNE	3	37	37	36	6				28.8	-2	NNE	2	35	37	35	4	5				46	35	32			10.7			
	Manston	164	30.2	-8	NNE	4	37	32	33	5				29.5	0	NE	3	36	37	35	4	5				43	35	32		Tr	10.7			
2	Shoeburyness	11	30.3	-6	NNE	2	33	32	32	1				30.2	0	NNE	1	33	37	33	3	5				47	33	30			10.7			
	Felixstowe	15	31.7	-8	N	1	32	37	32	1				30.4	-4	NNE	1	30	37	29	2					46	30	30			10.5			
	Gorleston	5	31.7	-8	N	1	32	37	32	1				30.2	-4	N	1	30	37	30	1					42	29	30						
	Mildenhall	19	31.7	-6	ENE	1	32	37	32	1				30.7	-2	WNW	1	29	37	29	1	5				51	29	30		Tr	8.1			
	Cranwell	240	32.0	-8	F	0	31	37	31	0				30.0	-8	WS	2	32	37	32	5					47	27	22		Tr	3.2			
3	Birmingham	535	31.5	-6		0	33	37	33	3				30.4	-4		0	32	37	31	1					43	31	22			0.6			
	Upper Heyford	408	31.5	-6		0	33	37	33	3				30.3	-2	NNE	1	27	37	27	2	5				44	27	26						
4	Ross-on-Wye	223	31.5	-6		0	33	37	33	3				30.2	-6	NW	1	31	37	30	2					46	29	23			3.6			
5	Hartland Point	299	29.4	-6	ENE	3	43	75	36	7				28.1	-6	ENE	3	41	85	37	7					49	41	39			10.3			
	Bristol	209	31.5	-6		0	34	37	33	3				30.7	0		0	32	37	32	0					50	32	21			6.8			
	Portland Bill	32	29.3	-2	ENE	4	41	32	39	8				27.2	-4	NE	4	38	85	35	8	5				51	36							
	Plymouth	82	29.3	-6	E/N	4	41	37	37	6				28.1	-4	ENE	1	40	85	34	7					51	36							
	The Lizard	240	29.0	-4	NE/E	4	45	85	40	6	4			26.8	-8	ENE	5	43	85	38	6	4				52	42				10.8			
	Scilly (St. Mary's)	163	28.5	-6	E/N	2	45	37	45	6				26.7	-8	E/N	3	44	85	41	6					51	43				10.5			
	Guernsey	175																																
6	Pembroke	142	30.9	-8	E/N	2	40	37	39	6				29.3	-14	ENE	3	38	37	37	5	2	4			48	30				9.3			
7	Holyhead	26	30.5	-12	NNE	2	40	32	38	4				29.1	-2		0	35	37	34	3					54	34	27						
	Chester (Sealand)	16	31.1	-10	ESE	1	36	32	35	3				29.2	-8	ESE	2	33	32	32	2					51	33	31		Tr	5.4			
8	Manchester	235	31.7	-10		0	36	37	35	4				30.4	-6		0	30	37	29	3					49	30	25						
10	Spurn Head	29	32.1	-8	SW	1	32	37	31	1	5	2		7.8	9	SW	1	34	32	34	6					5	2	40	30		3.2			
	Catterick	175	31.6	-6		0	35	37	34	4				30.0	-2	S	1	29	37	29	1					55	29	23			10.0			
	Tynemouth	108	30.5	-8	W	3	44	85	39	4				28.8	-4	W	3	42	75	34	4					53	41	37						
11	St. Abbs Head	280	29.8	-4	W	3	49	65	38	6	5	4		2.3	4.6	WNW	4	48	75	40	6	5	7			53	45							
	Leuchars	36	29.2	-14	SW	3	42	85	38	6				27.0	-8	W	3	40	85	36	6	5	3	4			59	39	30			3.2		
12	Renfrew (Abbots L.)	19	30.6	-10	WS	1	39	32	37	4				28.7	-6		0	29	37	29	0					59	29	26		Tr	7.7			
	Esksdalemuir	794												30.0	-2		0	26	32	23	6					57	25	18			9.0			
	Point of Ayre	30	31.1	-10	NW/W	2	37	37	37	5	4	9		29.5	-4		0	35	37	35	7					50	35				9.2			
13A	Tiree	22	28.8	-14	SSW	1	42	32	40	6				26.5	-10	SW	1	37	37	37	6	5				53	36				9.6			
13B	Stornoway	80	26.6	-14	SSW	5	47	85	43	8	5	7		4.6	7.8	SSW	5	48	75	43	7	5	7	2			53	42		Tr	4.6			
15	Dalwhinnie	1176												28.5	-8	SSW	2	34	32	33	7	2	6	9			54	28	23			4.3		
	Aberdeen T...	79	28.2	-4	W	1	42	85	37	8	5	6		2.3	7.8	NW/W	1	37	85	33	6					59	36	28			5.5			
	Wick	119	26.8	-14	SW/W	2	42	85	40	8	7	6		2.4	0	SW/W	2	42	85	37	8	3	8	0			56	41						
	Sumburgh	30	23.5	-14	WSW	5	44	37	43	7	5			10	10	WS	6	45	32	43	6	5	2			46	41				0.2			
17	Blacksod Point	18	21.0	-10		0	42	32	40	6	5			4.6	4.6		0	41	37	43	6	5				56	41							
18	Malin Head	84	30.0	-16	S/E	3	44	75	37	7				28.1	-6	S/E	2	40	85	36	6	4				52	39				0.0			
	Aldergrove	268	31.7	-10	SSE	1	36	32	33	6				30.2	-2	SE	1	32	37	31	6					59	31	29			9.4			
19	Birr Castle	173												29.2	-4	SSW	1	32	32	30	7					60	29	27			10.4			
20	Valentia Obay.	30	30.8	-10	NE/E	2	38	37	37	6				29.3	+2		0	35	37	34	7					53	34	29	Tr	Tr				
	Roches Point	22	31.0	-6	E/N	2	42	37	41	5				29.2	-4	NE	2	39	32	37	6					52	38							

Abridged observations of additional stations in the AVIATION WEATHER CODE															LONDON OBSERVATIONS																				
13h. G.M.T. 23rd March					01h. G.M.T. 24th March					07h. G.M.T. 24th March					13h. G.M.T. 23rd March					01h. G.M.T. 24th March					07h. G.M.T. 24th March										
III	C <sub>u</sub>	ww	Vh <sub>h</sub>	DDFWN	C <sub>u</sub>	ww	Vh <sub>h</sub>	DDFWN	C <sub>u</sub>	ww	Vh <sub>h</sub>	DDFWN	III	C <sub>u</sub>	ww	Vh <sub>h</sub>	DDFWN	C <sub>u</sub>	ww	Vh <sub>h</sub>	DDFWN	III	C <sub>u</sub>	ww	Vh <sub>h</sub>	DDFWN	C <sub>u</sub>	ww	Vh <sub>h</sub>	DDFWN	III	C <sub>u</sub>	ww	Vh <sub>h</sub>	DDFWN
109	54	02855	55626	57	02855	55627	07	02890	17316	5-	05786	53527	338	00	05630	24314	00	01690	32212	00	00590	00000	00	00590	00000	00	005								

# SECRET

Wednesday 25th March 1942

No. 29343

Page 1

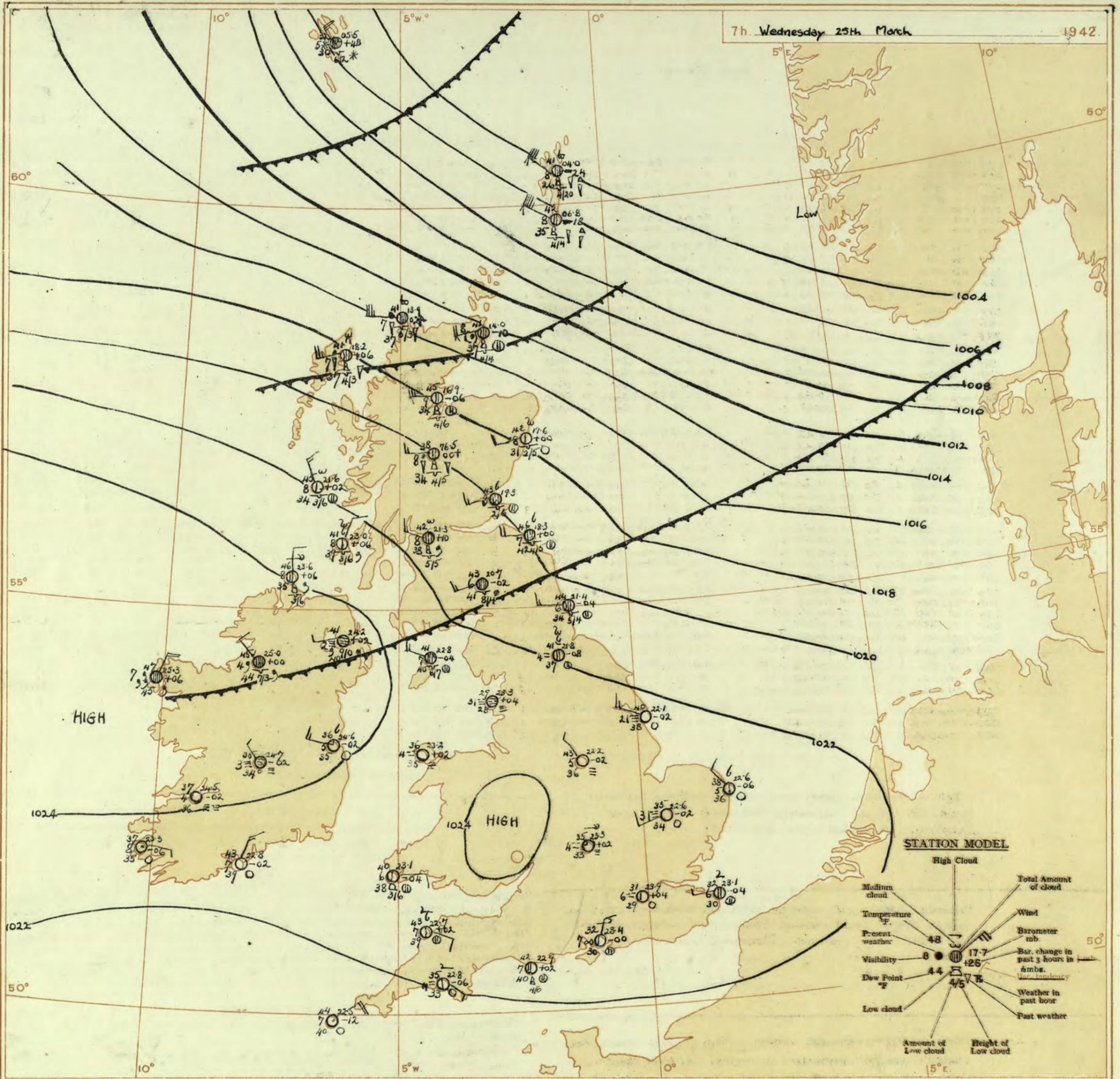
BRITISH SECTION

## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

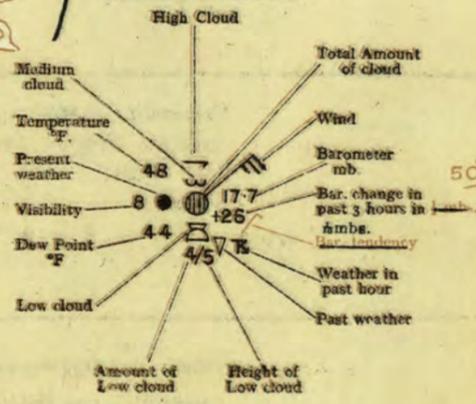
OBSERVATIONS at 13h. G.M.T. 24th March															OBSERVATIONS at 18h. G.M.T. 24th March															PAST 24 HOURS.							
Director.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Temp. (5)	Humid. (6)	Dew Point (7)	Visibility (8)	Cloud.			Barom. at M.S.L. (16)	Change in 3 hours (17)	Wind.		Temp. (21)	Humid. (22)	Dew Point (23)	Visibility (24)	Cloud.			Barom. at M.S.L. (31)	Change in 3 hours (32)	WEATHER.											
				Dirce. (3)	Force (4)					Form (10)	Amount (11)	Height of Base (feet) (12)			Dirce. (18)	Force (19)					Form (25)	Amount (26)	Height of Base (feet) (27)			7h.-13h. 24th (39)	13h.-18h. 24th (40)	18h. 24th to 11h. 25th (41)	11h.-7h. 25th (42)								
1	London (Kew)	27.5	-22	E'S	2	50	55	35	4	-	-	0	0	1500	25.9	-10	ESE	2	20	49	65	36	5	-	-	1	0	Tr	-	1	*	cb fz	bz ybz	bmf fx	oF fz		
	Croydon	27.8	-18	NE	1	51	55	37	6	-	5	0	1	-	26.1	-6	E'N	1	20	49	65	37	6	-	-	5	1	-	-	0	*	embmbz	bz	bzobm	bm		
	S. Farnborough	27.7	-22	ENE	1	53	65	38	5	-	-	0	0	-	25.6	-4	ENE	1	20	52	55	38	5	-	-	1	0	Tr	-	1	*	ofmbz	bz	bz	bz		
	Boscombe Down	28.2	-14	E'S	2	51	65	41	6	-	-	0	0	-	25.4	-10	E'N	2	20	54	55	36	6	-	-	1	0	2-3	-	1	*	bm	bz	bz	bz		
	Thorney Island	27.5	-10	E	2	53	65	40	7	-	1	0	Tr	-	25.5	-6	SE	2	20	50	65	40	7	-	-	1	0	Tr	-	0	*	bm	bz	bz	bz		
	Lymington	27.2	-18	NNE	2	50	65	40	6	-	1	Tr	10	500	25.9	-6	NE	2	20	45	75	38	7	-	-	1	0	Tr	-	1	*	embcm	bz	bz	bz		
	Manston	28.6	-10	NE	2	53	65	37	4	-	1	10	100	-	26.7	-10	N	1	0	Ft	35	95	35	1	-	-	10	10	1500	1	*	ofcm	obcm	obcm	obcm		
2	Shoeburyness	28.6	-12	E'N	2	42	85	38	5	-	-	7-8	7-8	900	26.6	-14	ESE	1	F	34	97	34	2	-	-	10	10	1500	1	*	ofcm	ofcm	ofcm	ofcm			
	Felixstowe	29.2	-10	E	2	36	92	33	3	-	-	0	0	-	26.7	-10	S'W	1	OF+	35	97	34	1	5	-	-	10	10	200	1	1	*	ofcm	ofcm	ofcm	ofcm	
	Gorleston	28.9	-14	S'W	2	37	85	34	6	-	4	0	4-6	-	26.3	-8	S'W's	2	20	41	85	36	6	-	-	1	0	2-3	-	2	2	*	ofcm	ofcm	ofcm	ofcm	
	Mildenhall	28.4	-18	-	0	50	65	39	7	-	1	1	1	1500	25.7	-14	-	0	bc	48	65	42	7	5	-	-	1	Tr	4-6	1500	0	*	ofcm	ofcm	ofcm	ofcm	
	Cranwell	27.6	-18	W'S	2	56	45	36	6	-	1	0	Tr	-	24.5	-10	S'W'W	1	20	51	75	43	6	-	-	1	0	Tr	-	1	*	bz	bz	bz	bz		
3	Birmingham	27.3	-14	SSW	1	55	45	35	6	-	-	0	0	-	25.2	-16	SSW	1	20	52	55	37	6	-	-	1	0	2-3	-	1	*	bz	bz	bz	bz		
	Upper Heyford	28.3	-16	SW	1	54	55	37	7	-	1	0	Tr	-	25.8	-12	-	0	c	53	65	41	7	-	-	-	0	2-3	-	0	*	bz	bz	bz	bz		
4	Ross-on-Wye	27.5	-20	NW'W	2	53	65	40	6	-	-	0	0	-	24.9	-10	E	1	bc	56	55	41	6	-	-	5	0	2-3	-	1	*	Fbz	by	bz	bz		
5	Hartland Point	26.9	-8	NE	3	46	85	40	7	-	-	1	0	Tr	-	24.6	-12	NE	2	b	49	65	39	7	-	-	0	0	-	0	2	*	b	b	b	b	
	Bristol	28.3	-14	ENE	3	55	55	39	7	-	-	0	0	-	25.3	-12	ESE	1	20	56	55	43	6	-	-	1	0	2-3	-	1	*	Fbz	bz	bz	bz		
	Portland Bill	26.7	-16	ENE	4	44	85	42	8	4	-	4-6	4-6	4000	24.9	-6	E	4	bc	45	85	44	8	2	-	-	4-6	4-6	4000	1	4	*	bz	bz	bz	bz	
	Plymouth	26.8	-10	E	3	54	45	31	8	-	-	0	0	-	25.1	-4	E	3	b	51	65	38	8	-	-	-	0	0	-	0	3	*	bm	by	bz	bz	
	The Lizard	26.4	+2	E	3	51	75	43	6	4	-	2-3	2-3	2500	24.6	-8	ENE	4	bc	48	75	39	7	4	-	-	2-3	2-3	2500	0	4	*	bc	bc	bc	bc	
	Scilly (St. Mary's)	26.1	-8	ENE	3	53	75	47	6	-	-	0	0	-	24.7	-6	NE'S	3	b	50	75	42	6	-	-	-	0	0	-	1	3	*	b	b	b	b	
	Guernsey																																				
6	Pembroke	28.1	-10	WSW	2	49	75	42	4	2	-	2-3	2-3	2500	25.3	-10	NNW	3	m	50	75	42	4	2	-	-	2-3	2-3	2500	1	2	*	bcm	bcm	bcm	bcm	
7	Holyhead	27.9	-4	S'W	2	51	75	42	6	-	-	0	0	-	25.0	-12	SSW	1	20	48	92	46	6	-	-	1	0	0	-	1	2	*	bcm	bz	bz	bz	
	Chester (Sealand)	27.3	-14	-	0	60	35	34	5	-	-	0	0	-	24.9	-10	N'N	2	20	52	65	42	5	-	-	-	0	0	-	1	*	bcm	bz	bz	bz		
8	Manchester	26.8	-28	SW'W	3	57	55	38	4	-	-	0	0	-	24.9	-12	NW	2	m	50	75	42	4	-	-	-	0	0	-	1	*	bcm	bz	bz	bz		
10	Spurn Head	27.5	-18	WSW	2	52	75	42	6	-	-	0	0	-	24.6	-4	SW	3	20	50	65	40	6	-	-	-	0	0	-	0	2	*	bz	bz	bz	bz	
	Catterick	26.2	-26	SSE	1	58	65	45	5	-	-	0	0	-	23.6	-10	SW	2	m	58	45	39	4	-	-	1	0	Tr	-	1	*	bz	bz	bz	bz		
	Tynemouth	26.2	-16	SW	3	59	45	37	7	-	3	1	0	2-3	-	23.7	-10	W	3	b	59	35	32	6	-	-	-	0	0	-	1	2	*	bcm	bz	bz	bz
11	St. Abbs Head	24.2	-22	WNW	3	55	65	42	7	5	4	-	2-3	2-3	3000	21.5	-4	WNW	4	bc	55	75	49	7	5	4	-	2-3	4-6	3000	0	3	*	bcm	bcm	bcm	bcm
	Leuchars	23.3	-24	W	4	57	55	40	6	-	2	0	1	-	21.0	-6	W	4	b	55	75	48	7	-	-	2	0	1	-	0	*	bcm	bz	bz	bz		
12	Beaufort (Abbots L.)	28.2	-22	W	4	57	65	44	6	1	-	2-3	2-3	2500	23.8	-10	W	3	b	50	65	40	7	1	0	1	Tr	Tr	2500	1	*	bz	bz	bz	bz		
	Eskdalemuir	25.3	-18	SWS	4	54	65	42	6	-	-	Tr	Tr	2800	23.3	-8	W	3	c	52	65	31	6	-	-	1	0	Tr	-	1	*	bz	bz	bz	bz		
	Point of Ayre	27.5	-14	NW'W	1	54	65	42	6	-	4	-	0	Tr	-	24.5	-10	WNW	3	20	50	75	41	6	-	-	0	Tr	-	0	1	*	bz	bz	bz	bz	
13A	Tiree	25.3	-12	SW'W	3	50	85	46	7	1	-	2-3	2-3	3500	22.5	-6	WSW	4	c	49	85	45	4	5	-	-	9+	9+	2500	0	4	*	bc	bz	bz	bz	
13B	Stornoway	19.8	-30	SSW	7	51	75	41	7	8	6	-	7-8	9+	2000	17.8	-4	SSW	5	d	49	97	46	6	5	-	-	10	10	500	1	3	*	c	c	c	c
15	Dalwhinnie	23.7	-12	SSW	3	53	55	35	8	2	-	6	1	2-3	4000	23.1	-6	SW	4	c	45	75	38	8	-	-	8	8	2500	0	*	bc	bz	bz	bz		
	Aberdeen	21.5	-28	SE'S	2	58	45	37	7	-	9	0	2-3	-	19.1	-10	WSW	3	b	56	45	35	7	2	-	9	Tr	Tr	2500	1	1	*	bc	bz	bz	bz	
	Wick	20.0	-20	W	4	54	65	41	7	5	-	4-6	9	3500	17.0	-10	WSW	6	c	49	85	44	6	5	7	6	4-6	9	3200	0	*	c	c	c	c		
16	Sumburgh	15.8	-28	WSW	7	46	85	41	7	5	3	2	Tr	7-8	3500	11.6	-22	WSW	8	20	45	97	44	6	5	-	-	10	10	700	0	6	*	bc	bz	bz	bz
17	Blacksod Point	28.2	-12	S'W	2	53	75	48	6	5	-	4-6	4-6	1500	26.6	-6	W	1	20	50	85	45	6	8	-	-	9	9	1500	0	3	*	bc	bz	bz	bz	
	Malin Head	26.5	-10	W	3	47	92	45	7	-	-	0	0	-	24.8	-4	W	3	b	47	85	42	7	-	-	-	0	0	-	0	3	*	b	b	b	b	

7h. Wednesday 25th March

1942.



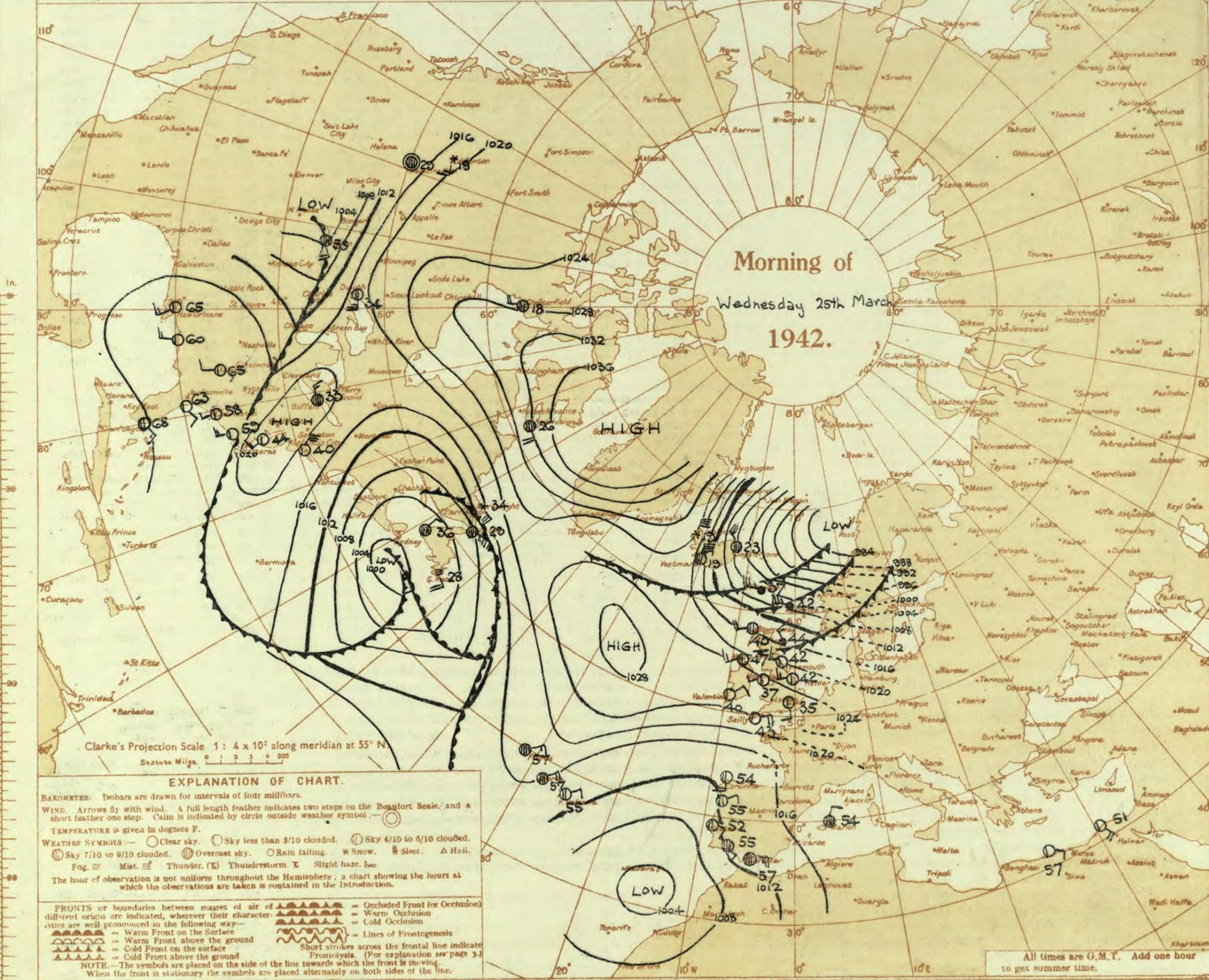
STATION MODEL



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)  
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.  
**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.  
**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions of the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.  
**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.  
**Frontolysis** is said to occur when a front is in process of dissolution.



All times are G.M.T. Add one hour to get summer time.



**SECRET**

Thursday 26th March 1942

No. 29344

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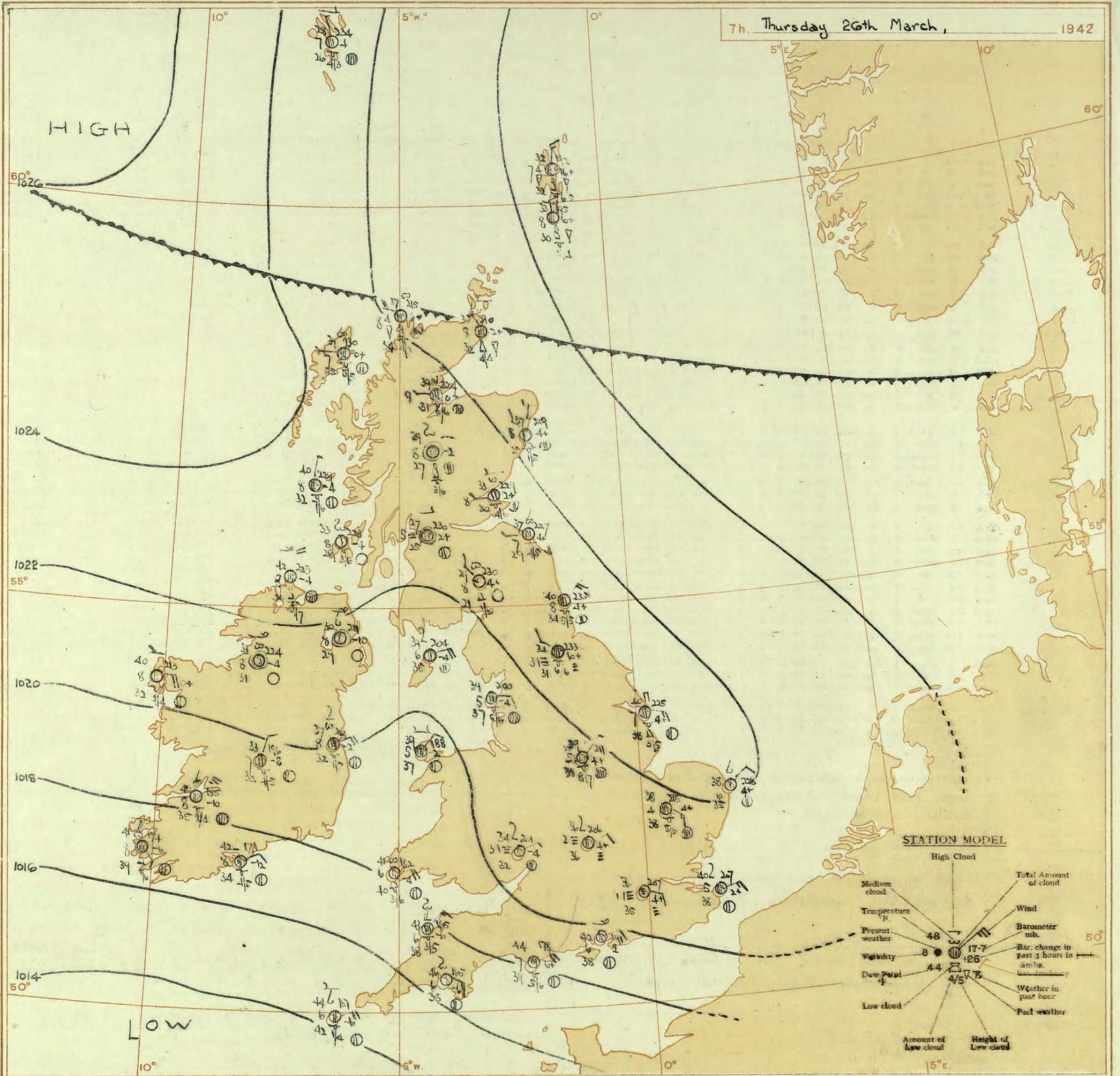
BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

OBSERVATIONS at 13h. G.M.T. 25th March															OBSERVATIONS at 18h. G.M.T. 25th March															PAST 24 HOURS.			
DISTRICT.	STATIONS.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3-4)		Weather. (5)	Temp. °F. (6)	°C. Humid. (7)	Dew Point °F. (8)	Visibility 0-9 (9)	Cloud. (10-12)			Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind. (18-19)		Weather. (20)	Temp. °F. (21)	°C. Humid. (22)	Dew Point °F. (23)	Visibility 0-9 (24)	Cloud. (25-27)			State of Ground. 0-9 (31)	Sea. 0-9 (32)	WEATHER. (39-42)					
				Dirac.	Force.						Form.	Amount.	Height of Base. (feet)			Dirac.	Force.						Form.	Amount.	Height of Base. (feet)			7h.-13h. 25th (39)	13h.-18h. 25th (40)	18h. to 1h. 26th (41)	1h.-7h. 26th (42)		
1	London (Kew)	21.0	-18	-	0	m	56	55	40	4	-	-	19.3	-10	-	0	bft	53	65	41	3	-	-	-	1	*	Fb fmz	b f	bfbzox	bffx			
	Croydon	21.3	-16	-	0	m	60	45	37	4	-	-	19.8	-6	SE	1	m	55	55	44	4	-	-	-	1	*	bmbczoj	b2y	bf	bfbf			
	S. Farnborough	20.9	-22	E'S	1	z	62	45	41	6	-	-	19.6	-4	E	1	m	58	55	41	4	-	-	5	0	4.6	0	0	0	0	0	0	
	Boscombe Down	22.7	-18	E'S	2	z	59	55	39	6	-	-	19.8	0	SW	2	z	56	65	43	6	-	-	-	0	0	0	0	0	0	0	0	
	Thorney Island	21.6	-10	g	3	bc	51	65	41	7	-	-	20.1	-6	-	0	b	49	85	43	6	-	-	-	0	0	0	0	0	0	0	0	
	Lympe	21.9	-10	SSE	1	bc	52	66	40	6	-	-	20.6	-6	-	0	z	49	65	39	6	-	-	-	0	0	0	0	0	0	0	0	
	Manston	21.5	-12	SE	1	z	53	65	42	6	-	-	20.0	-6	-	0	z	49	65	38	6	-	-	-	0	0	0	0	0	0	0	0	
2	Shoeburyness	21.5	-10	-	0	m	58	55	42	4	-	-	19.9	-6	S	1	b	50	65	40	3	-	-	-	0	0	0	0	0	0	0	0	
	Felixstowe	21.1	-16	S'W	2	m	52	65	41	4	-	-	21.1	+6	ENE	3	z	44	75	38	5	-	-	-	0	0	0	0	0	0	0	0	
	Gorleston	21.7	-6	NE'E	4	z	53	55	40	6	-	-	21.6	+2	NE'N	2	z	48	75	40	5	-	-	4	0	4.6	0	0	0	0	0	0	
	Mildenhall	21.3	-6	NW	2	z	60	45	41	5	-	-	20.3	-2	E'N	2	bc	54	65	44	8	5	-	8	2.3	2.3	4000	0	0	0	0	0	
	Cranwell	21.2	-10	N'W	2	e	59	55	42	7	1	-	20.9	+6	ESE	2	z	51	85	45	6	5	-	-	9+	9+	6000	0	0	0	0	0	
3	Birmingham	21.7	-8	NNW	1	b	58	45	37	7	-	-	21.4	-2	NNW	3	z	50	75	43	6	-	-	-	0	0	0	0	0	0	0	0	
	Upper Heyford	21.2	-14	N	1	z	61	45	40	5	-	-	20.7	+2	N'E	2	z	57	45	33	5	-	-	-	0	0	0	0	0	0	0	0	
	Ross-on-Wye	21.4	-16	ENE	2	z	59	55	42	6	-	-	20.1	-6	N'E	3	z	56	55	40	5	-	-	-	0	0	0	0	0	0	0	0	
5	Hartland Point	21.4	-6	NE	3	b	48	75	39	7	-	-	18.7	-8	NE	2	b	49	75	40	7	-	-	-	0	0	0	0	0	0	0	0	
	Bristol	22.3	-16	ENE	2	z	60	35	35	6	-	-	20.6	-2	NNE	1	m	57	55	41	4	-	-	-	0	0	0	0	0	0	0	0	
	Portland Bill	21.7	-12	E	2	bc	49	92	47	7	2	-	19.5	-12	E	2	bc	46	92	44	8	2	-	-	4.6	4.6	4000	1	3	bc	bc		
	Plymouth	21.7	-6	SW	3	b	53	75	45	7	-	-	19.7	-8	E'S	2	z	56	45	24	7	-	-	1	0	Tr	0	0	0	0	0	0	
	The Lizard	21.7	-4	E	3	b	52	85	46	7	-	-	19.1	-6	ENE	3	z	49	85	43	5	4	-	-	2.3	2.3	2500	0	3	bc	bc		
	Seilly (St. Mary's)	21.4	-6	E'N	3	b	55	75	47	7	-	-	19.3	-10	E'N	3	b	50	85	43	6	-	-	-	0	0	0	0	0	0	0	0	
	Guernsey	21.4	-6	E'N	3	b	55	75	47	7	-	-	19.3	-10	E'N	3	b	50	85	43	6	-	-	-	0	0	0	0	0	0	0	0	
6	Pembroke	22.4	-8	NW	2	z	52	75	47	6	-	-	20.4	-12	N'E	4	z	50	75	47	6	-	-	-	0	0	0	0	0	0	0	0	
7	Holyhead	23.6	0	NNE	3	bc	51	85	45	8	2	4	22.3	-4	NE	3	b	48	75	39	8	-	-	4	0	Tr	0	0	0	0	0		
	Chester (Sealand)	23.2	-2	NW'W	4	z	52	75	44	6	2	-	22.4	-4	NW	3	b	47	75	39	8	4	-	-	Tr	Tr	4000	1	0	0	0	0	
	Manchester	22.7	-10	NNW	4	z	51	75	41	6	1	-	22.0	-2	WNW	3	b	46	65	36	7	-	-	-	0	0	0	0	0	0	0	0	
10	Spurn Head	21.6	-2	NE	3	e	60	76	44	7	2	4	21.5	+8	ENE	2	z	42	92	40	6	7	3	-	7.8	9	2500	0	2	c	c		
	Catterick	21.6	-6	NNW	3	bc	53	55	39	7	2	6	21.1	+2	NW	1	b	55	55	36	8	-	-	4	1	0	1	0	0	0	0	0	
	Tynemouth	21.6	0	ENE	4	bc	53	45	34	8	2	-	22.0	+6	SSE	3	bc	46	65	34	7	2	3	-	2.3	2.3	2800	0	2	c	c		
11	St. Abbs Head	20.0	+2	N	3	c	46	45	30	8	1	7	20.7	+6	WNW	1	c	46	65	34	8	5	4	-	4.6	7.8	2500	0	2	cme	c		
	Leuchars	19.4	0	WNW	4	c	53	45	32	9	1	5	20.9	+12	NW	4	c	49	75	42	8	2	3	-	4.6	7.8	3000	1	0	c	c		
	Renfrew (Abbots L.)	21.7	+2	NW	5	c	50	55	33	9	7	-	21.9	+2	NW	4	bc	46	55	31	9	1	4	-	1	4.6	3000	1	0	c	c		
	Eskdalemuir	20.5	-6	WNW	4	bc	50	55	33	8	1	4	21.6	+8	NW	2	bc	46	55	32	8	1	4	1	Tr	2.3	3600	1	0	c	c		
	Point of Ayre	23.4	+2	NW	4	bc	51	65	30	8	1	-	22.8	0	NW	4	b	45	85	39	8	-	-	5	0	1	0	0	0	0	0		
13A	Tiree	23.0	+8	N'W	3	bc	48	75	39	8	5	3	23.6	+2	N'W	3	bc	44	65	36	8	8	3	-	4.6	4.6	2500	0	4	bc	bc		
13B	Stornoway	21.3	+20	N	6	c	45	65	34	8	5	7	22.9	+8	WNW	5	c	42	65	30	8	5	7	-	7.8	9+	2500	1	3	cph+q	c		
15	Dalwhinnie	21.8	+6	WNW	4	c	43	55	26	8	8	-	23.1	+8	NNW	4	c	39	55	26	8	8	-	6	4.6	7.8	2500	0	0	c	c		
	Aberdeen	19.1	+12	NNW	4	c	47	45	26	8	4	-	20.1	+6	NNW	5	bc	44	55	28	8	8	4	9	2.3	4.6	2100	1	2	bc	bc		
	Wick	17.0	+18	WNW	6	c/pr	45	55	32	8	8	-	19.0	+10	NW'W	6	pr	40	65	31	8	8	-	-	9+	9+	1100	1	0	bc	bc		
	Sumburgh	11.0	+20	NW	6	ph+r	41	65	30	7	8	-	13.0	+10	NW	6	c	41	75	35	8	8	-	-	9+	9+	1800	1	6	PhPs,ph	bc		
17	Blacksod Point	25.4	-2	NNE	3	c	51	75	43	8	5	-	24.6	-2	NE'N	4	bc	48	65	37	8	5	3	5	1	4.6	2500	1	4	bc	bc		
	Malin Head	24.3	+2	NNW	2	bc	48	65	37	8	4	3	24.4	+4	NNW	3	c	46	65	35	8	4	6	-	4.6	7.8	5700	0	3	bc	bc		
	Aldergrove	24.3	-4	NW'N	3	bc	52	45	34	8	7	-	24.1	0	NW	3	c	46	65	35	8	4	3	1	4.6	7.8	3000	1	0	dfc	bc		
19	Birr Castle	24.2	-6	ENE	1	c	52	76	44	7	4	-	22.2	-8	ENE	2	c	52	75	44	7	5	1	-	7.8	9+	2500	1	4	f	bc		
	Valentia Obay.	22.0	-10	NE	3	b	60	45	39	8	-	-	20.4	-6	SSW	2	c	59	65	47	8	5	-	-	7.8	7.8	4000	1	1	b	bc		
	Roches Point	22.8	-6	E'S	4	b	53	65	42	8	-	-	20.5	-12	E'S	4	b	51	75	43	8	-	-	-	0	0	0	0	0	0	0	0	

DISTRICTS.		FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 26th March, 1942.	
1	S.E.		

7h. Thursday 26th March,

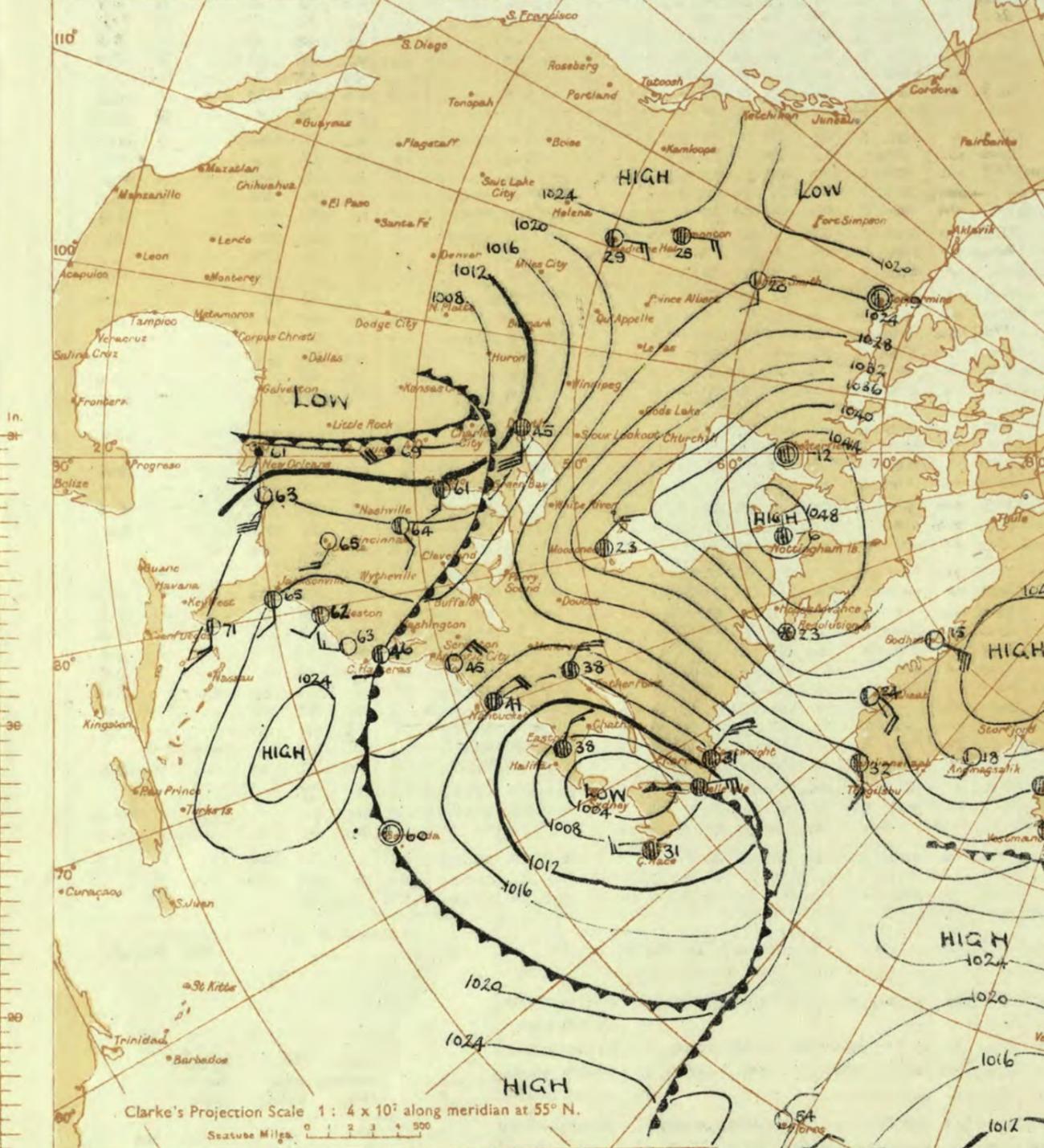
1942.



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)  
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.  
**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin.  
 In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.  
**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions of the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.  
**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.  
**Frontolysis** is said to occur when a front is in process of dissolution.



Clarke's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
 Statute Miles 0 1 2 3 4 5 6

## EXPLANATION OF CHART.

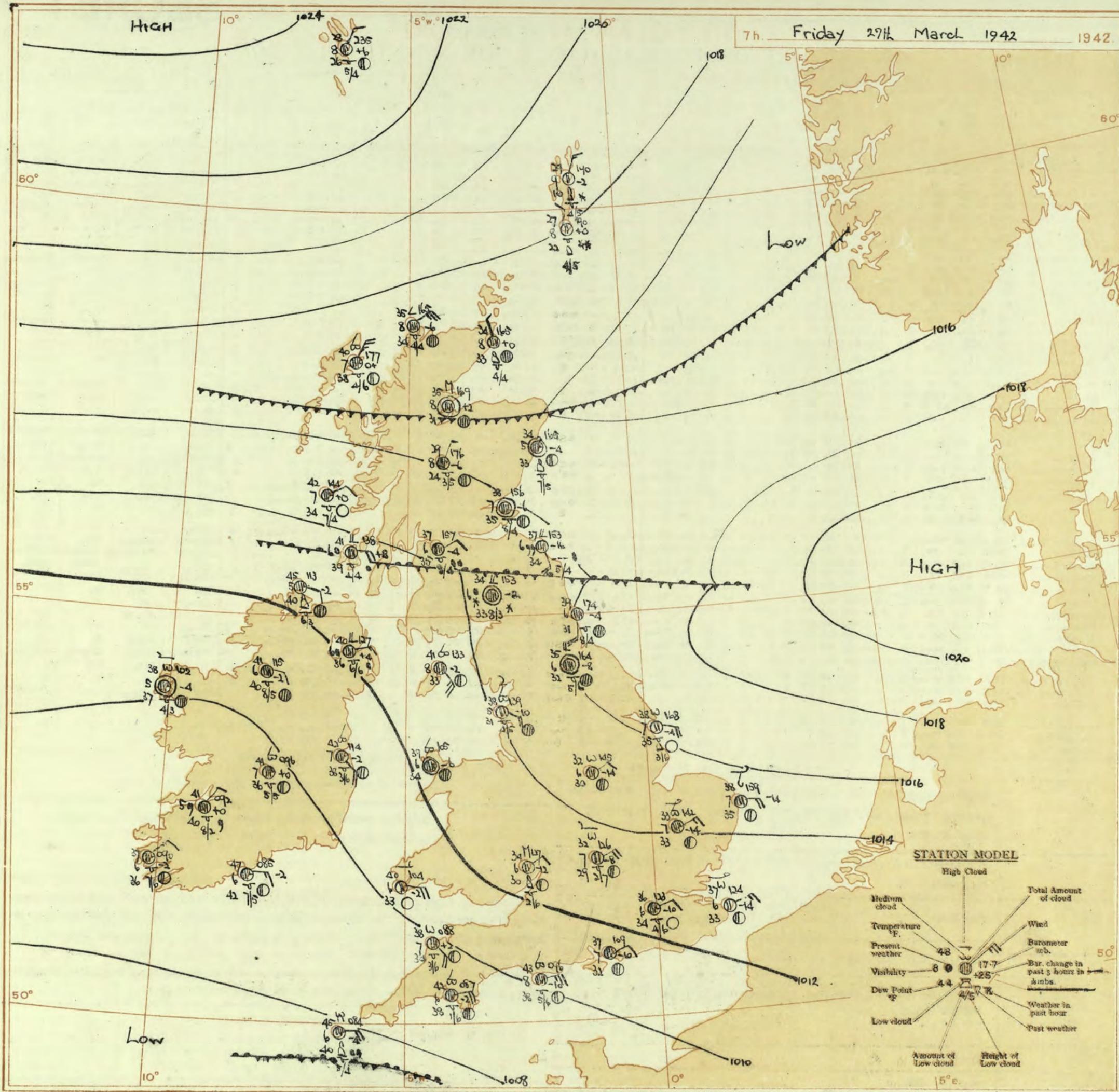
**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol: —○—  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS:** —○— Clear sky. ○ Sky less than 3/10 clouded. ⊙ Sky 4/10 to 6/10 clouded. ⊕ Sky 7/10 to 9/10 clouded. ⊖ Overcast sky. ○ Rain falling. \* Snow. † Sleet. Δ Hail. Fog ≡ Mist ≡ Thinfog. (⊕) Thunderstorm. ⊕ Slight haze. ⊕  
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.  
**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. (For explanation see page 3.)  
**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.

All times are G.M.T. Add one hour to get summer time.



Table with columns for District, Stations, Observations at 13h. G.M.T. 26th March, Observations at 18h. G.M.T. 26th March, and Past 24 Hours. Includes weather codes and numerical data for various locations like London, Birmingham, and Manchester.

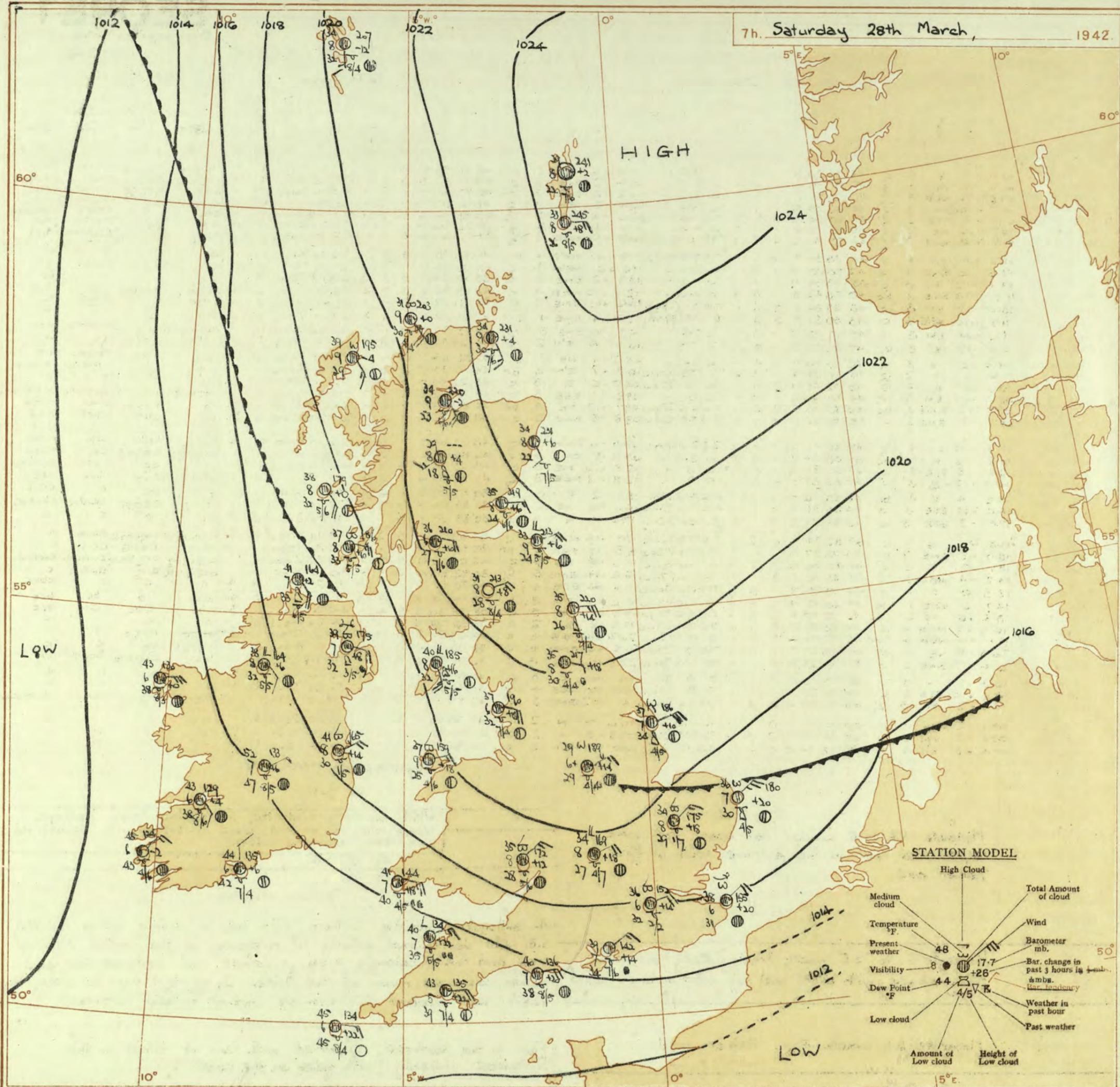
Table with columns for Districts and Forecasts for the 24 hours commencing 12 noon, G.M.T. Friday 27th March 1942. Includes general inference and further outlook sections.













OBSERVATIONS at 1 hr. G.M.T. 28th March

OBSERVATIONS at 7 hr. G.M.T. 28th March

PAST 24 HOURS.

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Dew Point. °F.	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Dew Point. °F.	Visibility.	Cloud.					Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 24h. Hrs.			
					Dir.	Force.						Form.	Amount.	Height of Base (feet).	Dir.	Force.			Form.	Amount.						Height of Base (feet).	Dir.	Force.	Form.	Amount.		Height of Base (feet).	0-9	7-18h	18-7h	7-18h		18-7h		
																																							Low.	Med.
1	London (Kew)	18	*	*	*	*	*	38	*	*	*	*	*	*	*	16.7	+2.6	NE'E	3	z	37	65	26	6	5	7	-	7.8	9+	4000	1	4.9	3.7	3.4	-	Tr	1.6			
	Croydon	217	13.4	+1.4	NE	3	ifo	37	92	35	5	5	2	-	9	10	1000	15.2	+1.4	ENE	4	c	36	85	32	6	5	7	-	1	10	500	1	4.9	3.5	3.4	-	Tr	5.1	
	S. Farnborough	226	13.5	+1.2	NE'N	3	%d	38	85	35	5	5	-	-	10	10	1300	16.0	+2.0	ENE	2	z	37	85	32	6	5	3	-	4.6	10	5000	1	5.2	3.6	3.3	-	Tr	2.5	
	Boscombe Down	417	13.3	+1.4	NE'N	3	%d	39	92	36	6	5	2	-	4.6	10	700	16.1	+1.8	NE	3	ifo	36	85	32	7	5	7	8	7.8	9	3000	1	5.3	3.5	3.4	-	Tr	0.2	
	Thorney Island	10	11.8	+1.8	ENE	3	ifo	41	85	35	6	5	-	-	10	10	4900	14.2	+1.4	NE	3	c	39	85	34	7	5	-	9+	9+	4000	1	5.4	3.7	3.7	-	Tr	0.4		
	Lympe	346	12.7	-2	NNE	4	%r	38	92	36	6	5	2	-	9	10	2500	15.5	+2.0	NNE	3	c	38	85	33	8	5	7	6	4.6	9+	4000	1	4.9	3.7	3.6	-	Tr	0.2	
	Manston	154	12.7	-2	NE	4	%r	38	92	36	6	5	-	-	10	10	2000	15.5	+2.0	NE'E	4	z	38	75	31	6	-	3	2	0	9	-	1	4.3	3.7	3.3	-	Tr	0.6	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	16.4	+2.0	NE	4	c	38	85	32	7	-	3	-	0	7.8	-	1	4.5	3.5	3.3	-	-	-	4.1			
	Felixstowe	15	13.7	+2	NE	5	c	37	85	32	7	-	7	-	0	9+	-	17.0	+2.6	NE'E	4	c	36	75	28	8	-	7	6	0	7.8	-	0	3	4.3	3.5	3.3	-	-	4.7
	Gorleston	5	15.4	+8	ENE	4	c	37	85	32	7	-	7	-	0	7.8	-	18.0	+2.0	NE'E	5	bc	36	75	30	7	7	3	-	4.6	4.6	2500	4	4	4	4	4	4	6.0	
	Mildenhall	19	15.2	+8	NNE	2	bc	34	85	31	7	5	7	1	1	4.6	4000	17.5	+1.8	NE'E	3	c	34	85	29	8	5	7	1	Tr	9	5700	0	5	3	2	-	-	6.6	
	Cranwell	240	16.8	+10	NE	2	c	34	85	31	7	5	7	1	1	4.6	4000	17.5	+1.8	NE'E	3	c	34	85	29	8	5	7	1	Tr	9	5700	0	5	3	2	-	-	2.9	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	18.1	+1.6	ENE	3	m	34	75	28	4	5	-	9+	9+	4000	1	4.8	3.3	2.5	-	-	-	2.4				
	Upper Heyford	408	14.6	+10	NE'N	4	z	35	85	31	6	5	3	-	2.3	9	2500	16.9	+1.8	ENE	4	c	34	75	27	8	5	2	-	4.6	10	5700	1	5.0	3.3	3.1	-	0.2	-	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	17.2	+1.2	NE'E	3	c	35	75	28	8	5	7	-	7.8	10	3000	1	5.1	3.5	3.3	-	-	-	4.6			
5	Hartland Point	299	10.8	+4	NE	3	c	45	85	40	6	5	3	-	4.6	9+	4000	13.4	+2.2	ENE	3	%r	40	85	35	7	5	1	-	7.8	10	2600	1	4.8	4.0	3.9	-	1	6.9	
	Bristol	209	14.3	+1.2	E	4	%r	38	85	35	6	5	2	-	7.8	10	1200	16.9	+2.0	ENE	4	z	36	75	29	6	5	7	-	7.8	10	4000	1	5.1	3.5	3.2	-	0.2	1.5	
	Portland Bill	32	11.2	+6	E	3	o	44	97	42	7	5	-	-	10	10	2500	13.6	+2.0	ENE	4	o	40	85	38	7	5	-	10	10	2500	1	4	4	4	4	4	4	4	
	Plymouth	82	11.0	+10	ESE	3	m	44	97	44	4	-	3	-	0	9+	-	13.5	+2.2	E	4	z	43	85	39	5	5	-	9+	9+	1500	0	3	5.2	4.1	3.7	-	-	2.6	
	The Lizard	240	10.8	+4	NE'E	3	%r	47	85	43	6	8	2	-	7.8	7.8	1500	12.7	+2.0	E	5	m	44	92	42	4	8	2	-	9	10	1500	0	4	5.0	4.3	-	-	3.9	
	Scilly (St. Mary's)	163	11.0	+2	N	3	bc	44	92	42	6	5	-	-	Tr	Tr	1500	13.4	+2.2	E'S	3	o	45	97	43	6	5	-	10	10	1200	0	3	5.6	4.3	-	-	-	7.1	
6	Pembroke	142	11.8	+1.2	ENE	5	z	44	85	35	6	8	3	-	7.8	9	2500	14.4	+1.8	E'S	5	%r	41	92	40	7	5	-	4.6	10	2500	0	3	4.9	3.2	-	-	0.4	5.4	
7	Holyhead	26	13.6	+1.2	ENE	4	z	38	65	22	6	-	3	-	0	7.8	-	15.9	+1.8	ENE	3	c	37	65	25	9	5	7	-	4.6	10	3000	1	5.2	3.7	3.2	-	-	-	
	Chester (Sealand)	16	16.3	+8	E	1	z	36	85	31	6	5	3	-	2.3	4.6	7000	18.6	+1.8	E	1	z	34	75	29	6	5	7	-	9	9+	5000	0	4.8	3.3	2.9	-	-	1.8	
8	Manchester	235	16.5	+10	ENE	3	c	37	65	28	7	-	3	6	0	9	-	18.9	+2.0	ENE	3	o	37	75	30	7	5	-	10	10	2000	1	4.8	3.2	2.4	-	-	-		
10	Spurn Head	29	17.6	+2	ENE	4	c	37	85	33	7	7	1	-	2.3	7.8	2500	18.6	+2.0	ENE	6	c	37	92	34	7	2	6	-	4.6	7.8	2500	0	3	4.0	3.6	-	-	3.5	
	Catterick	175	15.1	+4	E	1	c	38	85	34	7	5	2	-	7.8	10	1700	21.7	+1.8	E'S	1	c	35	85	30	8	5	-	4.6	10	1200	1	4.4	3.4	3.3	-	0.1	0.0		
	Tynemouth	108	20.1	+8	E	6	c	39	85	35	7	8	-	-	9+	9+	2500	22.0	+1.4	E	5	c	35	75	26	8	8	-	9+	9+	1600	0	4	4.1	3.5	3.4	-	-	-	
11	St. Abbs Head	280	20.2	+6	NE	6	cq	35	75	28	8	5	-	9+	9+	2500	21.3	+6	ENE	4	c	33	75	24	9	5	2	-	7.8	10	2500	1	4	3.8	3.3	-	Tr	4.4		
	Leuchars	36	21.5	+1.6	ENE	4	c	36	65	23	7	5	-	9+	9+	2000	21.9	+8	E	3	c	35	85	24	8	5	-	9	9	3000	1	4.7	3.5	3.4	-	0.1	Tr			
12	Benfrew (Abbots L.)	19	20.0	+8	E	5	z	36	65	27	6	5	3	-	7.8	9+	2300	21.0	+10	E'S	4	z	36	75	27	6	5	-	9+	9+	3000	1	4.6	3.5	3.4	-	0.1	Tr		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	21.3	+8	ENE	4	o	31	85	28	8	5	-	10	10	1500	1	4.6	3.1	2.9	-	0.2	0.1					
	Point of Ayre	30	16.7	+6	SE	5	c	40	75	34	8	5	7	8	1	7.8	2500	18.5	+1.6	SSE	5	c	40	75	32	8	8	2	-	7.8	10	2000	0	4	4.5	3.9	-	-	0.1	
13A	Tiree	22	17.9	+4	ESE	4	bc	39	65	32	8	5	-	2.3	2.3	3500	17.9	0	SE'E	4	c	38	75	32	8	5	-	7.8	7.8	3500	0	4	4.9	3.6	-	-	5.9			
13B	Stornoway	80	20.3	-2	E	5	bc	36	85	30	8	1	-	6	1	2.3	3500	19.5	-4	SE	3	c	39	75	29	9	-	3	7	0	10	-	0	3	4.1	3.5	-	-	7.2	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	21.3	+4	SW	3	c	29	65	28	8	8	-	7.8	7.8	2500	0	3	3.9	2.8	2.7	-	-	2.4				
	Aberdeen	79	22.8	+6	E'N	2	o	34	92	31	9	5	7	10	10	3300	23.1	+6	SE'E	2	c	34	55	22	8	5	-	9+	9+	2600	1	2	4.4	3.3	3.1	-	-	1.1		
	Wick	119	23.2	+2	ESE	3	c	34	65	22	8	5	-	9+</																										

SECRET

Sunday 20th March 1942

No. 29,347

BRITISH SECTION

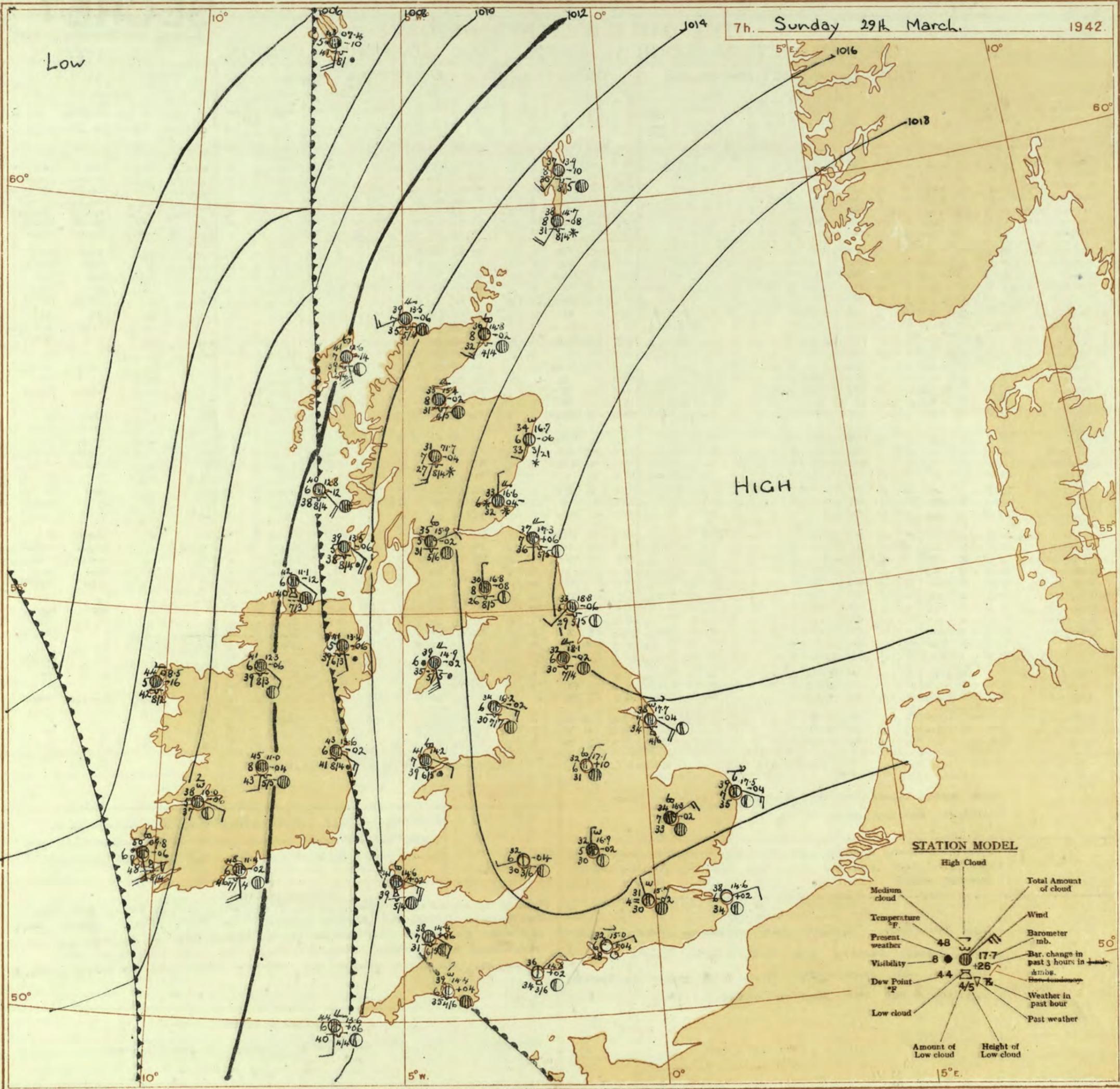
THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Table with columns for Observations at 13h. G.M.T. 28th March and Observations at 18h. G.M.T. 28th March. Includes sub-columns for Barom., Wind, Temp., Humid., Dew Point, Cloud, and Sea. Rows list various stations like London (Kew), Felixstowe, etc.

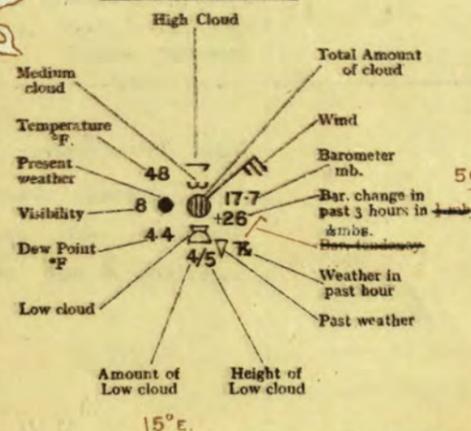
Table with columns for Districts and Forecasts for the 24 hours commencing 12 noon, G.M.T. Sunday 29th March 1942. Includes sections for S.E. England, N.W. Ireland, S.E. Ireland, and a General Inference section.

N. K. JOHNSON, D.Sc. A.R.C.S., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

7h. Sunday 29th March. 1942.



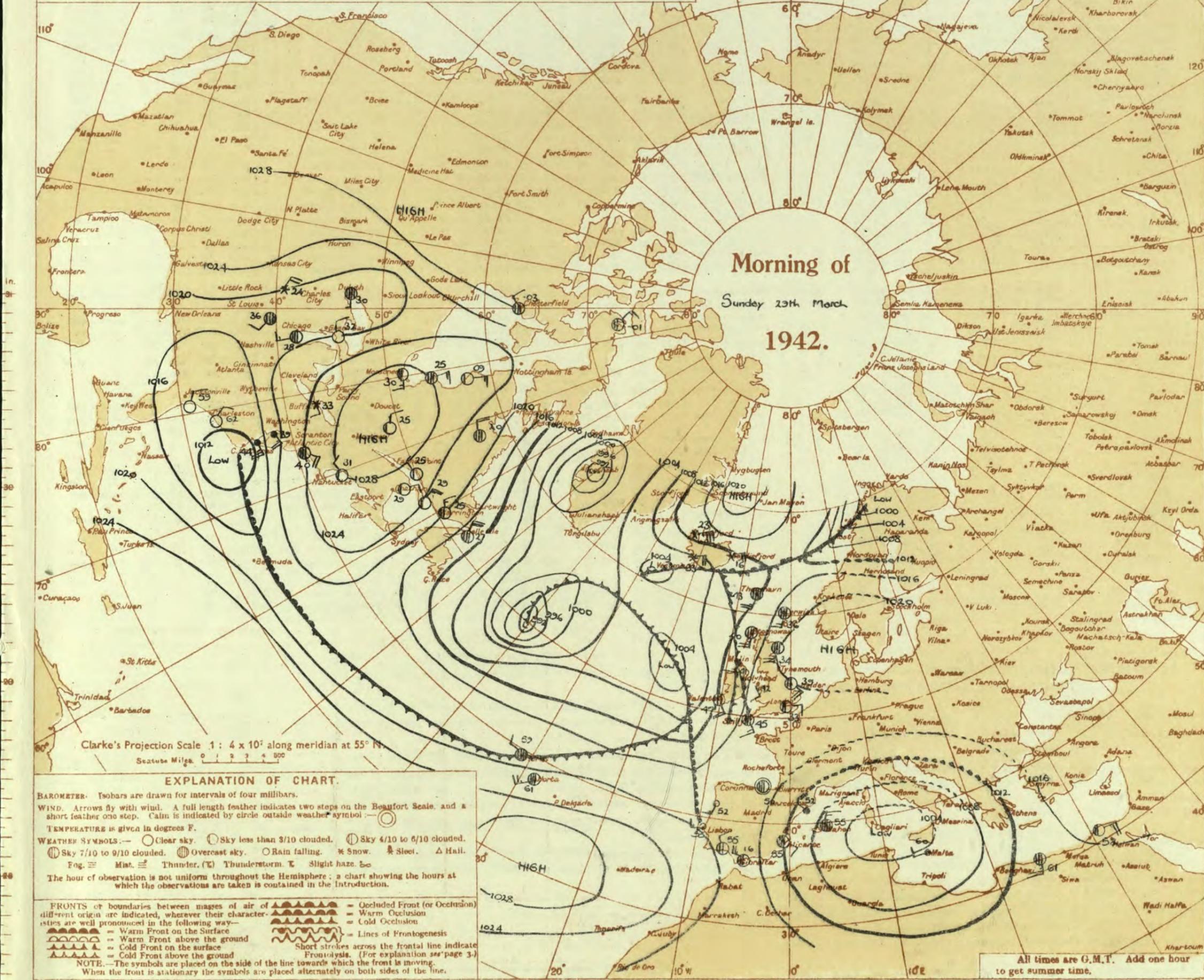
**STATION MODEL**



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)  
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.  
**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.  
**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts cease, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.  
**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.  
**Frontolysis** is said to occur when a front is in process of dissolution.



## EXPLANATION OF CHART.

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

**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.

**TEMPERATURE** is given in degrees F.

**WEATHER SYMBOLS:** — ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded.

○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. \* Snow. \* Sleet. Δ Hail.

☁ Mist. ⚡ Thunder. ⚡ Thunderstorm. ☁ Slight haze. ☁

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

**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. (For explanation see page 3.)

**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.

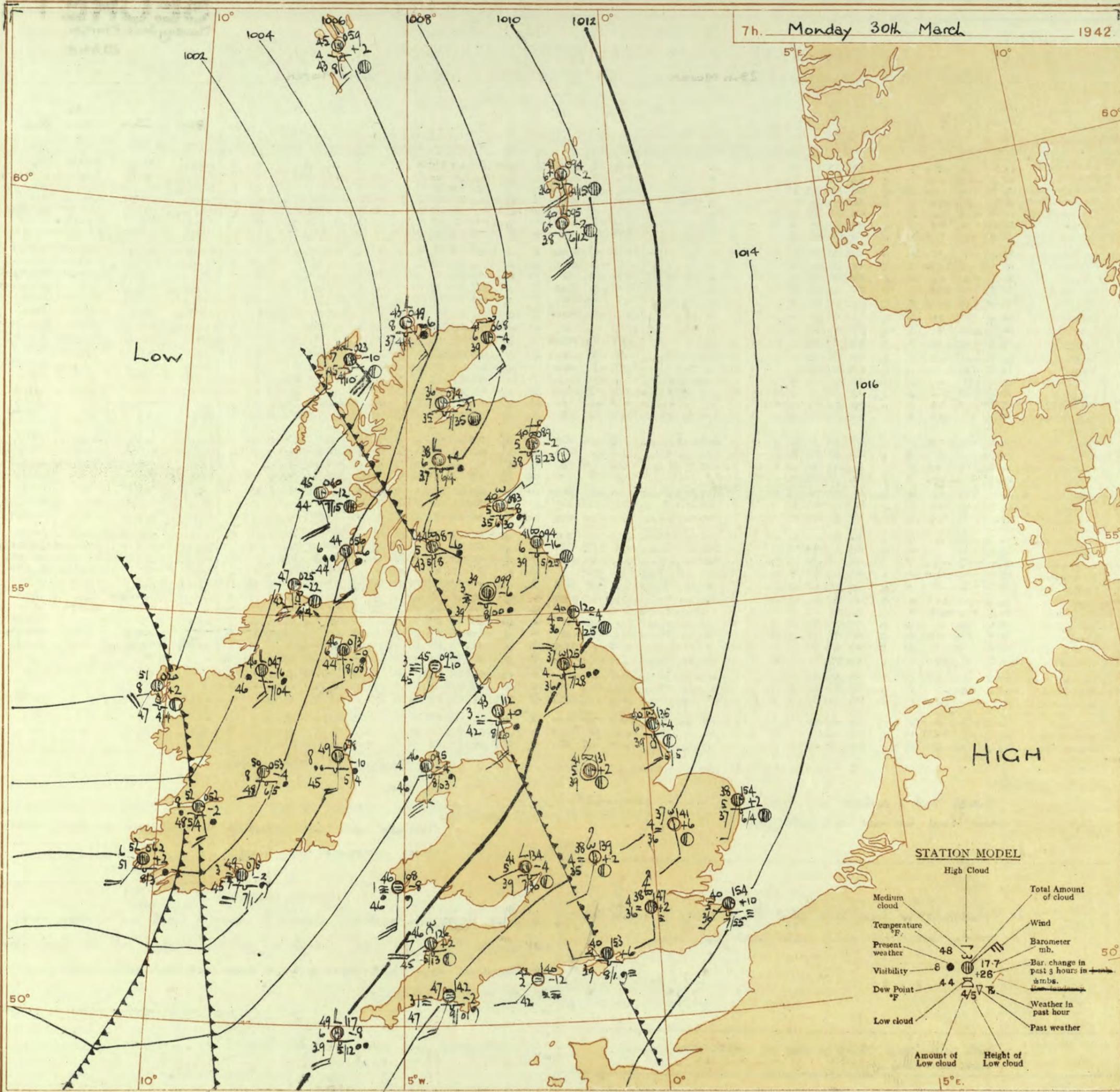
All times are G.M.T. Add one hour to get summer time.





7h. Monday 30th March

1942





## OBSERVATIONS at 1 hr. G.M.T. 30th March

## OBSERVATIONS at 7 hr. G.M.T. 30th March

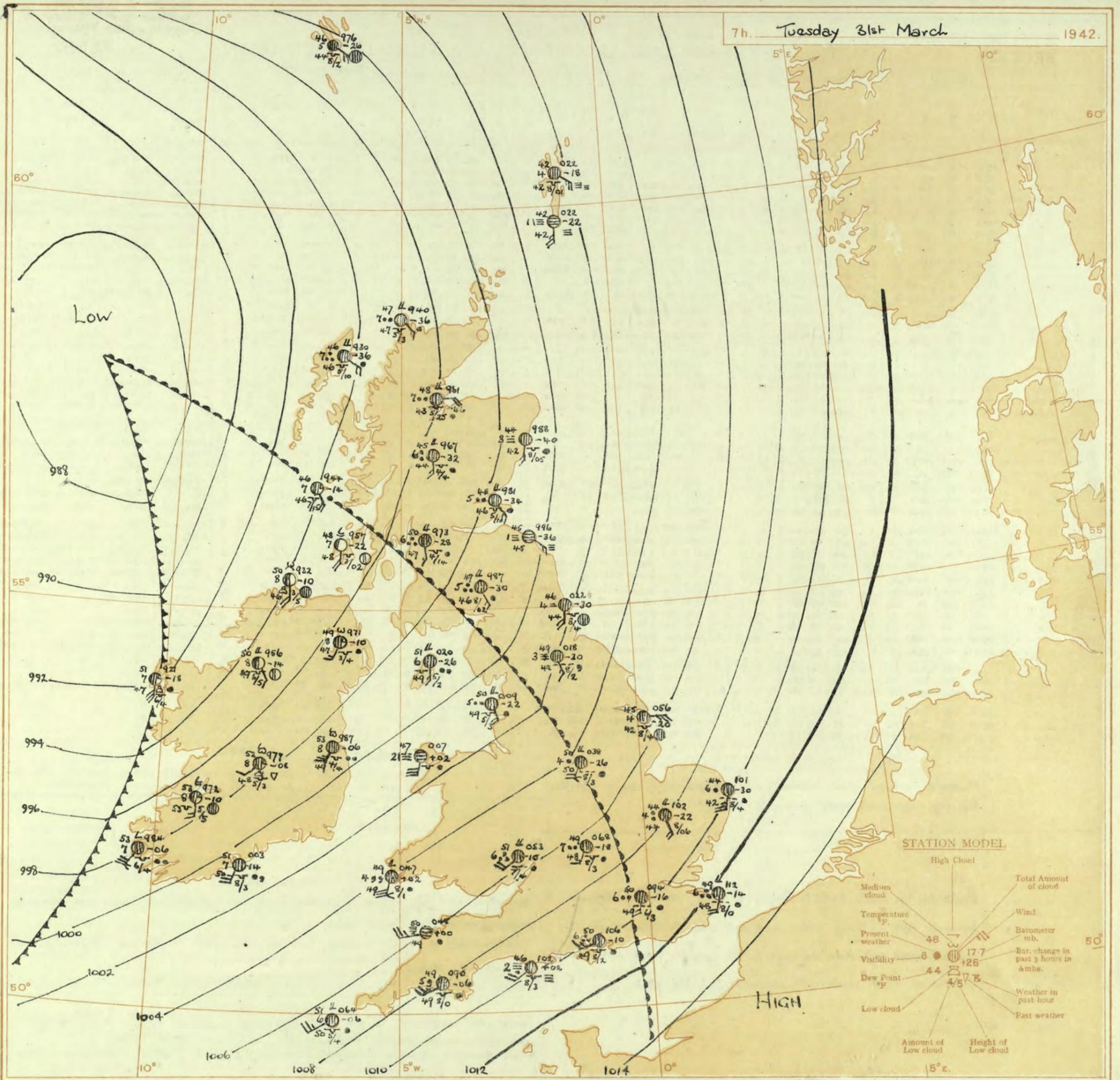
## PAST 24 HOURS.

District.	STATIONS.	Height above M.S.L. in feet.	Barom. M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Dew Point. °F. (8)	Visibility. (9)	Cloud.			Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (21)	Humid. % (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud.			State of Ground. (31)	Sea. (32)	TEMPERATURE.			RAINFALL.		SUNSHINE 29th Hrs. (38)					
					Direc. (3)	Force. (4)						Form. (10)	Amount. (11)	Height of Base. (feet) (12)			Direc. (18)	Force. (19)						Form. (26)	Amount. (27)	Height of Base. (feet) (28)			Max. Day 7h-15h °F. (33)	Min. Night 15h-7h °F. (34)	Min. on Grass °F. (35)	Day 7h-15h mm. (36)	Night 15h-7h mm. (37)						
																																			Low. (13)	Total (14)	Low. (29)	Total (30)	
1	London (Kew)	18	*	*	*	*	42	85	38	3	-	3	0	10	15.0	+8	SWW	2	Zo	39	32	37	5	-	-	0	9+	1	*	54	36	23	-	Tr	6.4				
	Croydon	217	14.8	+2	S	3	42	85	38	3	-	3	0	10	14.7	+2	SW	2	Zo	38	32	36	2	-	7	6	0	9	1	*	56	36	31	-	Tr	7.9			
	S. Farnborough	226	14.6	+2	S	1	43	85	39	4	-	3	0	10	15.2	+10	SWW	2	M	37	37	36	2	-	-	10	10	1500	1	*	62	35	27	-	Tr	8.8			
	Boscombe Down	417	15.4	+6	WN	2	42	85	38	6	-	-	0	0	15.8	+10	S	3	F	34	32	32	1	-	-	10	10	1500	0	*	58	32	32	-	Tr	8.3			
	Thorney Island	10	14.9	+4	-	0	37	92	35	5	-	3	0	4.6	15.3	+6	NS	2	M	40	32	39	4	5	-	10	10	220	1	*	54	35	29	-	Tr	*			
	Lympe	346	16.0	-2	-	0	36	97	36	3	-	3	0	1	16.0	+6	-	0	Zo	36	37	36	4	5	-	6	1	7.8	6000	0	3	50	34	27	-	Tr	9.1		
	Manston	154	15.2	0	-	0	38	92	35	4	-	3	0	7.8	15.4	+10	SW	1	Zo	40	36	36	5	5	-	9+	9+	5500	1	*	49	36	25	-	Tr	9.4			
2	Shoeburyness	11	15.2	-2	-	0	36	92	34	4	-	7	0	9+	15.2	+2	SSW	2	CF	39	37	38	3	5	-	6	4.6	7.8	2600	1	*	47	31	28	-	Tr	8.6		
	Felixstowe	15	15.9	-2	-	0	37	97	36	6	-	6	0	9+	14.9	+6	SWS	1	Zo	39	37	38	5	5	-	9+	9+	6400	1	1	44	34	29	-	Tr	9.5			
	Gorleston	5	15.9	-2	-	0	39	92	36	5	-	7	0	9+	15.4	+2	SSW	2	Zo	38	32	37	5	5	-	9	9	1500	2	2	44	34	33	-	Tr	9.5			
	Mildenhall	19	14.5	-2	-	0	39	92	36	5	-	7	0	9+	14.1	+6	SSE	2	M	37	37	36	4	3	-	0	2.3	-	0	56	35	26	-	Tr	7.7				
	Cranwell	240	14.0	-2	SE	1	37	97	36	4	5	-	7	7	13.1	+2	-	0	Zo	41	32	39	5	-	7	-	0	9+	-	0	53	33	25	-	Tr	6.7			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	13.7	+2	SSW	2	Zo	39	35	35	5	-	7	-	0	10	-	1	*	58	39	36	-	Tr	5.7		
	Upper Heyford	408	14.3	+4	-	0	43	75	35	6	-	-	0	0	13.3	+2	SSW	2	M	38	32	35	4	-	9	0	4.6	-	0	56	37	31	-	Tr	*				
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	13.4	-4	WSW	1	Zo	41	32	38	5	5	1	-	9+	10	3000	1	*	56	37	28	-	Tr	*		
5	Hartland Point	299	14.1	-2	WSW	3	45	92	43	7	5	2	-	7.8	9+	1500	12.6	+2	SW	4	C	46	37	45	7	5	6	-	7.8	9+	1300	0	3	48	43	41	-	Tr	4.6
	Bristol	209	15.5	+2	-	0	40	85	35	6	-	-	0	0	14.7	+2	S	2	Zo	40	32	38	6	5	7	-	1	10	4000	0	0	56	36	27	-	Tr	5.1		
	Portland Bill	32	15.3	-4	SW	2	42	92	40	5	5	-	10	10	14.0	-12	SW	2	Zo	42	32	40	2	-	-	10	10	1500	1	2	45	40	-	-	Tr	4.2			
	Plymouth	82	15.5	+4	-	0	42	92	40	5	5	-	10	10	14.2	-2	SSW	3	CF	47	37	47	3	5	-	10	10	100	1	2	49	38	34	-	Tr	1.9			
	The Lizard	240	15.2	+2	-	0	46	85	43	5	8	2	-	9	10	1000	13.8	-2	SSW	3	CF	48	37	48	6	5	-	10	10	600	0	3	50	44	-	Tr	1.9		
	Scilly (St. Mary's)	163	13.5	-6	SW	3	49	97	49	3	5	-	10	10	12.00	11.7	-8	SSW	4	CF	49	37	49	6	5	2	-	7.8	10	1200	1	3	52	47	-	Tr	0.4		
	Guernsey	175	13.5	-6	SW	3	49	97	49	3	5	-	10	10	12.00	11.7	-8	SSW	4	CF	49	37	49	6	5	2	-	7.8	10	1200	1	3	52	47	-	Tr	0.4		
6	Pembroke	142	13.0	-8	S	4	46	97	46	4	5	-	10	10	15.00	10.8	-8	S	5	CF	46	37	46	1	-	-	10	10	1500	0	3	48	39	-	Tr	2.7			
7	Holyhead	26	11.2	-14	SSE	4	44	97	43	5	6	-	10	10	300	0.5	-4	S	5	CF	46	37	46	4	5	-	10	10	300	1	4	48	43	43	-	Tr	1		
	Chester (Sealand)	16	12.6	-4	SSE	1	44	85	39	4	5	-	10	10	3300	11.3	0	SEE	3	CF	44	38	39	5	5	7	-	7.8	9+	3000	1	4	52	42	34	-	Tr	3.0	
8	Manchester	235	13.0	-2	SE	3	45	75	37	6	-	3	0	9+	12.5	+2	SE	3	CF	43	38	38	5	5	7	-	7.8	10	2500	1	*	53	43	37	-	Tr	*		
10	Spurn Head	29	14.7	0	SE'S	3	39	97	38	7	7	3	-	7.8	9+	2500	13.5	+4	SSE	3	Zo	40	32	39	6	7	3	1	7.8	9	2500	0	3	41	38	-	Tr	8.7	
	Catterick	175	13.4	-10	SW	2	38	85	35	5	5	-	10	10	5000	12.5	+6	S	2	Zo	37	37	36	4	5	3	-	9+	9+	2800	1	1	52	36	31	-	Tr	4.3	
	Tynemouth	108	13.6	-4	SSE	3	42	75	36	6	5	-	9+	9+	2500	12.0	-4	SW	3	M	40	35	36	4	5	-	9+	9+	2500	3	3	41	40	39	-	Tr	*		
11	St. Abbs Head	280	11.6	-2	S	2	40	92	38	5	5	7	-	7.8	9+	2500	0.4	-16	S	2	C	41	32	39	6	5	7	-	7.8	10	2500	0	2	40	39	-	Tr	*	
	Leuchars	36	10.3	-10	-	0	39	97	38	4	5	2	-	7.8	10	1500	0.8	-8	NE	1	Zo	40	37	35	5	5	3	-	9	10	3000	1	*	44	39	37	Tr	0.2	
12	Retrow (Abbots L.)	19	10.5	-10	ESE	2	42	97	42	4	5	2	-	9+	10	1500	0.8	-6	ESE	2	Zo	44	37	43	5	5	7	-	7.8	10	1800	1	*	45	40	39	Tr	0.5	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	0.9	-6	-	0	df	39	37	39	3	5	-	-	10	10	1500	1	*	47	36	34	Tr	0.6			
	Point of Ayre	30	10.8	-8	SW	4	43	97	42	7	6	2	-	7.8	10	2000	0.9	-10	SSW	3	CF	45	37	45	3	-	-	10	10	1500	1	2	45	43	-	Tr	0.4		
13A	Tiree	22	07.6	0	SSE	3	44	52	42	6	5	1	-	4.6	9+	1200	0.4	-12	SSE	4	C	45	37	44	7	5	-	9+	9+	1500	0	5	43	42	-	Tr	0.0		
13B	Stornoway	80	06.1	-6	SSE	5	45	97	45	6	5	2	-	4.6	10	900	0.2	-10	SE	6	C	46	32	45	7	5	2	-	4.6	9+	1000	1	3	46	43	-	Tr	0.2	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	0.8	+4	S	3	C	38	32	37	6	5	2	-	9	10	1500	1	*	38	35	33	-	Tr	1.0		
	Aberdeen	79	11.0	+10	SE'S	4	38	92	36	6	6	2	-	10	10	2000	0.8	-2	SE	1	Zo	40	32	38	5	5	7	8	7.8	9	2300	1	2	43	38	37	-	Tr	6.8
	Wick	119	09.4	-10	SE	3	41	85	37	7	3	2	0	9	0.6	-4	SE	3	Zo	41	32	39	6	-	3	2	0	9+	-	0	44	40	37	-	Tr	*			
16	Sumburgh	30	11.4																																				



7h. Tuesday 31st March

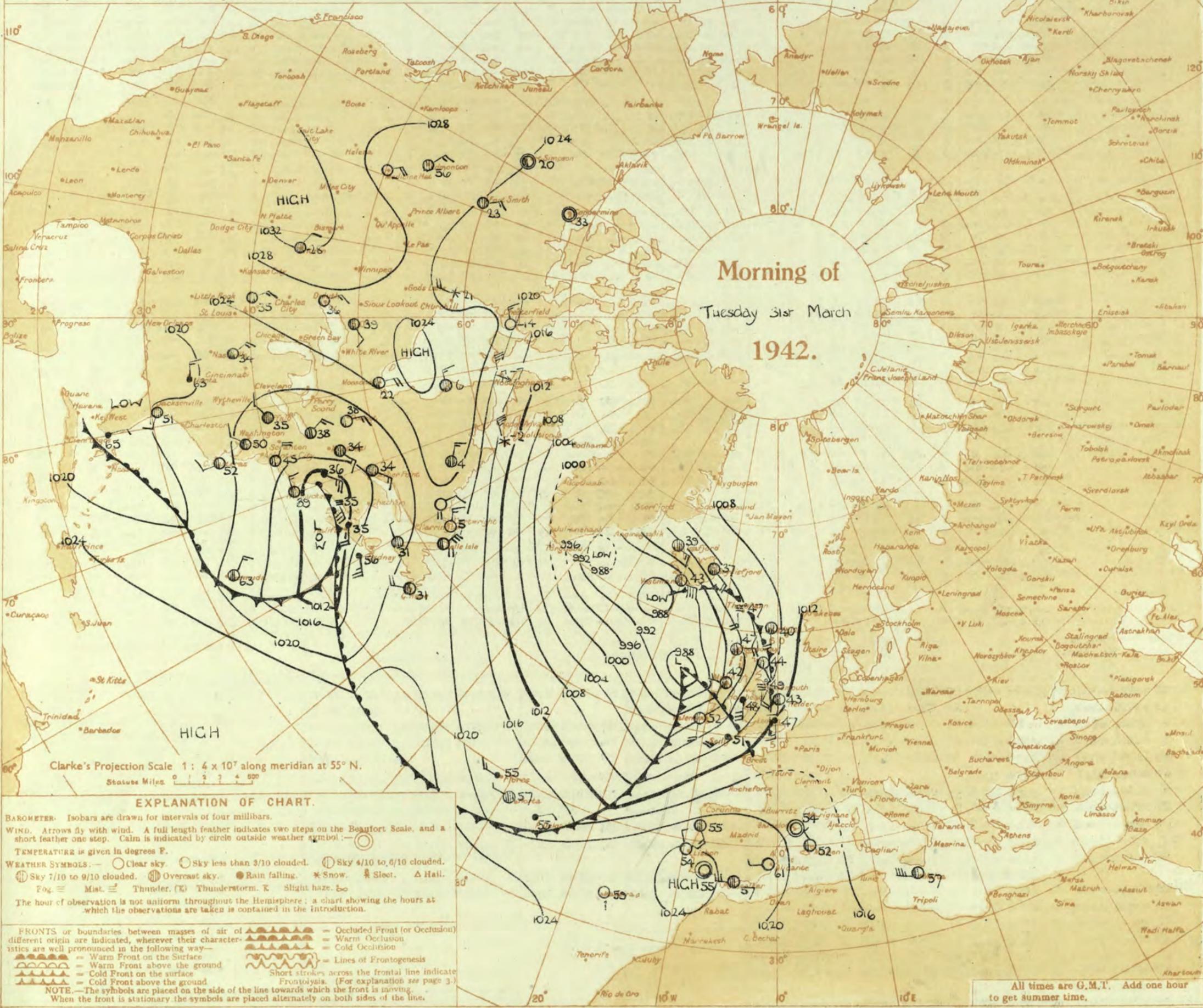
1942.



# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

## Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown below).  
**Warm Front.** The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.  
**Cold Front.** The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.  
**Occlusion.** The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.  
**Frontogenesis.** A line along which a warm or cold front is in process of formation is known as a line of frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.  
**Frontolysis** is said to occur when a front is in process of dissolution.



All times are G.M.T. Add one hour to get summer time.

Main table of weather observations at 1 hr. G.M.T. and 7 hr. G.M.T. for 31st March, including columns for station, height, barometer, wind, temperature, humidity, cloud, and visibility.

Table containing 'Abridged observations of additional stations in the AVIATION WEATHER CODE', 'LONDON OBSERVATIONS' (including temperature, rainfall, sunshine, and humidity), and 'TERMS OF SUBSCRIPTION'.