

THE DAILY WEATHER REPORT

BRITISH SECTION

1st January to March 31st

1940



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

INTRODUCTION

The Daily Weather Report has been issued in three sections since April 1, 1919. The section of which this forms the Introduction is known as the "British Section."

NOTES REGARDING THE BRITISH SECTION.

Description of each issue :—The British section is issued daily by 12.30 p.m. (except that Sunday's issue is printed on Monday) and contains—

(a) 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. 2 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 at the foot of pp. 1 and 4, where the column numbers are shown in connexion with each of the separate classes of observation.

(b) Observations made at nine London Stations during the 24 hours ending 7h. or 9h.

(c) Table of atmospheric pollution for "yesterday" for South Kensington and Kew Observatory.

(d) Observations for "yesterday evening" and "this morning" from five capital cities on the Continent of Europe.

(e) On p. 2, a table of weather reports from British health resorts for the previous day, arranged under forecast districts.

(f) A weather chart (scale 1 : 10,000,000) for the British Isles and the neighbouring parts of the Continent and of the Atlantic. An explanation of the chart is printed below it.

(g) A "general inference" drawn up by the forecaster from all the weather charts available. This inference sets out the meteorological changes in progress and the deductions to be drawn from them.

(h) Weather forecasts for the 24 hours commencing 12 noon of the day of issue for 20 districts into which the British Isles are divided.

(i) A "further outlook," i.e., an indication of the changes to be expected after the expiry of the term of the forecasts, if the meteorological conditions are such as to warrant the issue of such an extension.

(j) On p. 3, a weather chart for the greater part of the Northern Hemisphere, including the whole of Europe, part of N. Africa, the Northern part of the N. Atlantic, N. America and usually a part of Russia in Asia.

The observations presented on this chart are not synchronous, but as from 1st January, 1938, a change was made which gives approximately synchronous observations over a larger area than formerly.

Till the end of December, 1937, the chart could be divided into the following three sectors as regards hour of observation.

Sector.	Hour of Observation.
U.S.S.R. (approx. 170° E. to 30° E.)	7h. local time.
30° E. to 40° W.	6h. or 7h. G.M.T. (Azores 8h.).
40° W. to 170° W.	0h. or 1h. G.M.T.

From January 1st, 1938, these have been reduced to the two sectors :—

Sector.	Hour of Observation.
U.S.S.R. (approx. 170° E. to 30° E.).	7h. local time.
30° E. to 170° W.	0h. or 1h. G.M.T.

The improvement in the charts effected by this change is most marked over mid-Atlantic. Previously a difference of six hours had existed between observations from ships on opposite sides of the lines of longitude 40° W.

The gain in one respect has meant a sacrifice in another. The network of land stations in Europe and Africa making observations at 1h. is not so close as that of stations observing at 7h. This is particularly notable in Scandinavia, the Balkans and North Africa.

In the case of Iceland entries of weather, temperature and wind do not now appear on the chart, but pressure values at 1h. G.M.T. are available and are used in drawing the isobars.

Wind :—The force of the wind is indicated in each issue of the Report by figures on the Beaufort Scale. The equivalents between numbers of the Beaufort Scale and the indications of an anemometer when exposed at a height of 30 to 40 feet above the ground are set out at the foot of p. 2 of each issue. Stations where such anemometers are installed determine their Beaufort numbers from their anemometers. At stations where anemometers are not in use, the force of the wind is estimated by means of the specification set out below. All wind directions are "true" or geographical, as distinguished from "magnetic."

Gale Warnings :—A note regarding the meaning of gale warnings and the method of indicating in the Report to what districts warnings may have been issued is also shown below.

THE INTERNATIONAL AND UPPER AIR SECTIONS.

The other two sections of the Daily Weather Report are Royal quarto in size.

The International Section contains 4 pp. per day and is issued daily by 3.30 p.m., but the issues for Saturday and Sunday are made on Monday. The "International Section" contains information received from the Continent of Europe, the Mediterranean Basin, Iceland and the Azores, and from ships on the Atlantic, arranged as follows :—

- Two weather maps (Scale 1 : 20,000,000) for Europe, the Mediterranean and Eastern Atlantic for 18h. yesterday and 7h. to-day.
- Two inset maps (Scale 1 : 20,000,000) for Northwest Europe for 13h. yesterday and 1h. to-day.
- Table of meteorological observations taken at about 80 stations, mostly on the Continent of Europe (not for the British Isles).
- Table of meteorological observations received by Wireless Telegraphy from Ships on the Northern Atlantic.

This section is very useful to one who wishes to trace the passage of various weather systems, since the 4 charts for each 24 hours enable the reader to follow the course of events in detail. From 1st March, 1933, the positions of well-defined warm, cold and occluded fronts have been indicated on the weather maps.

Upper Air Section :—The third section, called the "Upper Air Section" consists of 2 pp. Royal quarto per day and the issue for "yesterday" is published immediately prior to the issue of the British Section for "to-day." It contains maps, diagrams and tables showing upper air currents, pressures and temperatures over the British Isles and the Continent of Europe.

THE BEAUFORT SCALE OF WIND FORCE

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 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.

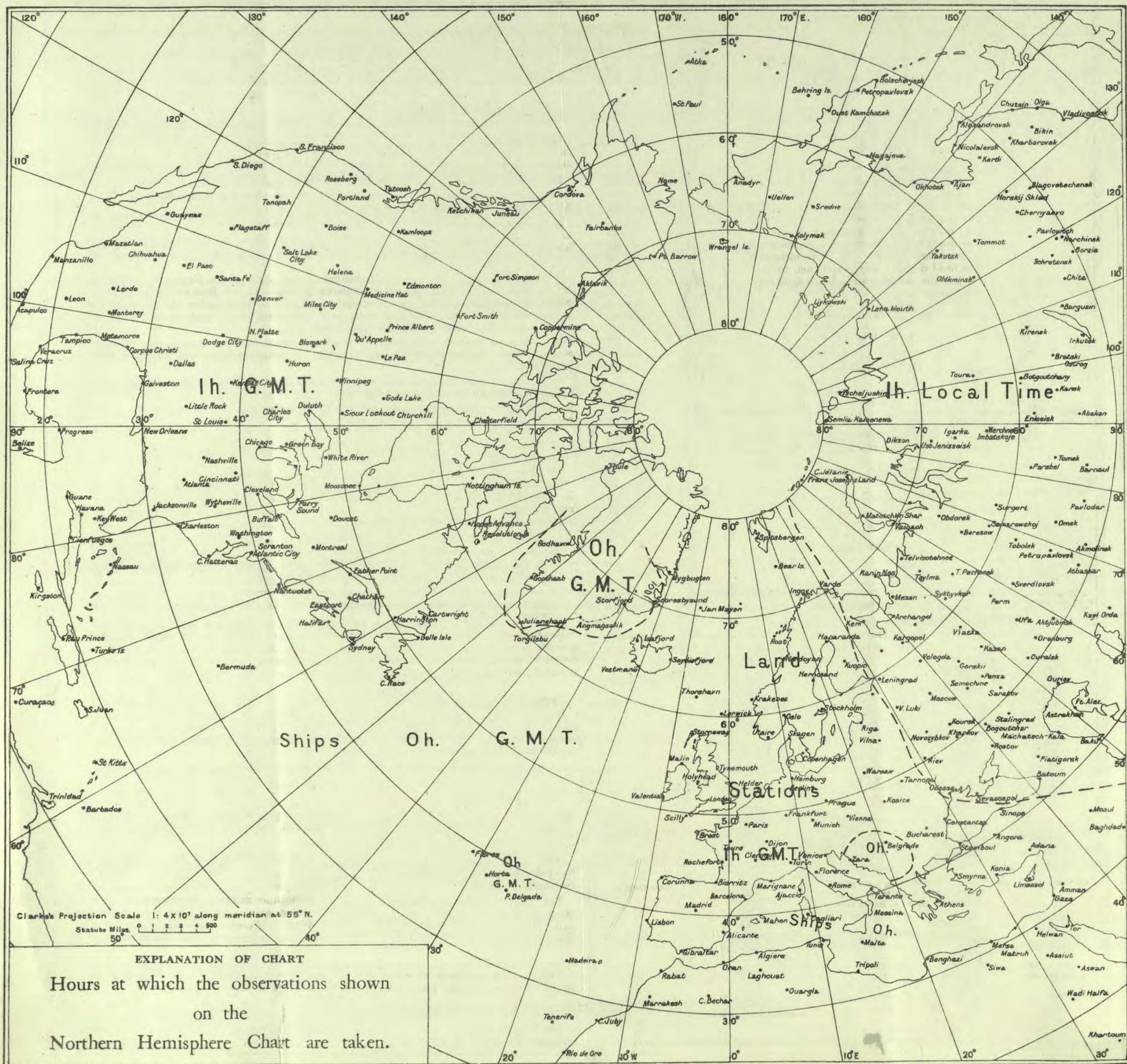
For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

The districts to which warnings are sent are shown in the Report by the following symbols written on page 2 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 2 of the Report.



<i>England, S.E.</i>	<i>6. Wales, S.</i>	<i>12. Scotland, S.W., and Isle of Man.</i>	<i>16. Orkneys and Shet- lands.</i>
Kent.	Glamorgan.	Isle of Man.	
Sussex.	Brecknock.	Dumfries.	<i>17. Ireland, N.W.</i>
Surrey.	Carmarthen.	Kirkcudbright.	Galway.
Hampshire.	Pembroke.	Wigtown.	Roscommon.
Berkshire.	Cardigan.	Ayr.	Mayo.
Wiltshire.	Radnor.	Renfrew.	Sligo.
		Dumbarton.	Leltrim.
		Stirling.	
<i>2. England, E.</i>	<i>7. Wales, N.</i>	<i>13A. Scotland, W.</i>	<i>18. Ireland, N.E.</i>
Essex.	Montgomery.	Argyll.	Meath.
Middlesex.	Merioneth.	Bute.	West Meath.
Hertford.	Flint.		Longford.
Bedford.	Denbigh.		Cavan.
Huntingdon.	Camraron.		Fermanagh.
Cambridge.	Anglesey.		Monaghan.
Suffolk.		<i>13B. Scotland, N.W.</i>	Louth.
Norfolk.	<i>8. England, N.W.</i>	Hebrides.	Armagh.
Lincoln.	Cheshire.	Western parts of	Down.
	Lancashire.	Inverness,	Antrim.
	Westmorland	Ross and Cromarty,	Londonderry.
	Cumberland	Sutherland.	Tyreone.
		(Boundary line runs	Donegal.
		from Rannoch Sta-	
		tion through Fort	
		Augustus, Beaulieu	
		and Laig to Mel-	
		vich.)	
<i>3. Midlands, E.</i>	<i>9. Midlands, N.</i>	<i>14. Mid Scotland.</i>	<i>19. Ireland, S.E.</i>
Buckingham.	Derby.	Perth.	Waterford.
Oxford.	Yorkshire, W.		Wexford.
Northampton.			Kilkenny.
Warwick.			Carlow.
Leicester.			Wicklow.
Rutland.			Offaly.
Nottingham.			Leix.
			Kildare.
			Dublin.
<i>4. Midlands, W.</i>	<i>10. England, N.E.</i>	<i>15. Scotland, N.E.</i>	<i>20. Ireland, S.W.</i>
Gloucester.	Yorkshire, N. & E	Kincardine.	Cork.
Hereford.	Durham.	Aberdeen.	Kerry.
Worcester.	Northumberland.	Banff.	Limerick.
Shropshire.		Elgin.	Tipperary.
Stafford.		Nairn.	Clare.
		Caitness.	
		Eastern parts of	
		Inverness,	
		Ross,	
		Sutherland.	
<i>5. England, S.W.</i>	<i>11. Scotland, S.E.</i>		
Dorset.	Roxburgh.		
Somerset.	Selkirk.		
Monmouth.	Peebles.		
Devon.	Berwick.		
Cornwall.	Haddington.		
	Edinburgh.		
	Linlithgow.		
	Clackmannan.		
	Kinross.		
	Fife.		
	Forfar.		

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

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.

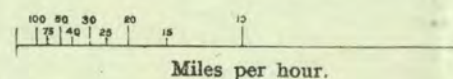
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on page 2 of the Report and for intervals of 4 millibars on page 3.

The 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.

GEOSTROPHIC WIND SCALE FOR

8 mb isobars on $1 : 4 \times 10^7$ Charts.

or 2 mb " " 1 : 10⁷



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°.

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

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

$$x = f - .444 (t - t') \text{ for wet bulb readings above } 32^\circ \text{ F.}$$

$$x = f - .400 (t - t')$$
 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 21 are limited to 10, 25, 35, etc., to 85, 92 and 97. Entry 10 indicates that relative humidity is between 0 and 19; 25, between 20 and 29;.....and so on; 92, between 90 and 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).

The entries in the British Section of the Report for the stations in the main tables on pages 1 and 4 are compared with those in the returns received from the stations at the end of the month and errors in the Report so found are noted.

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," (2nd Edition, 1930), to be purchased from H.M. Stationery Office, York House, Kingsway, W.C.2, price 3s. 2d. post free. (Reprinted 1938.)

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY
SUPPLEMENT,

JANUARY, 1940 No. 277

Page 1.

Very cold generally with severe frost. Heavy snowfall at close of month.

The general characteristics of January were a preponderance of cold conditions with very low temperatures during the second half of the month. Screen Minimum values were the lowest in general since 1917. Over a considerable part of England it was almost certainly the coldest January since 1881. At Kew the mean temperature of 31.6° was roughly the same as in January 1881, while at Ross the 1881 figure was the lowest. At Aberdeen it was the coldest January since 1895.

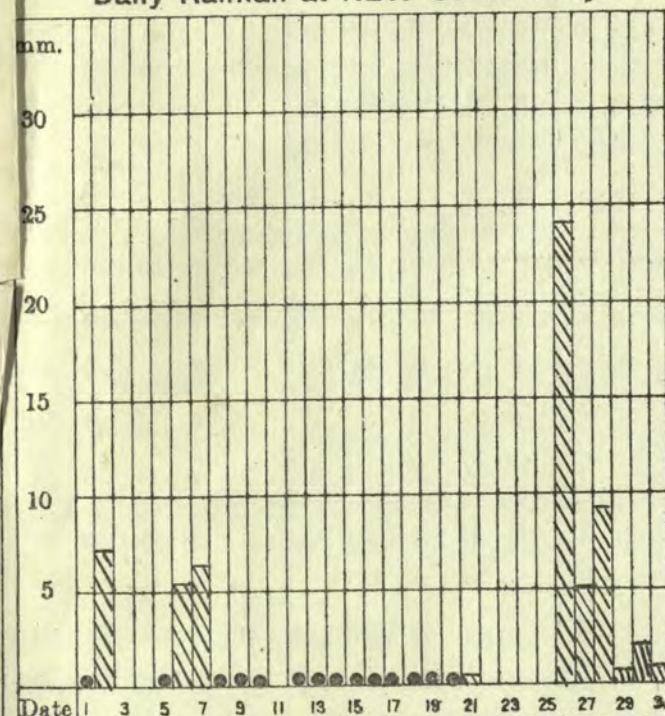
The early part of the month was cold and mainly dry except in Scotland where milder conditions prevailed. From the 5th unsettled conditions spread across the country with fog and rain generally.

With the extension of the European high pressure system to the British Isles on the 9th, a period of mainly fair weather ensued with good sunshine values over a large area of England. A new high record of sunshine was established at Lympne, 91 hours being recorded. On the 16th pressure had become very high over Greenland and a disturbance moving southward over the North Sea gave northerly gales in Scotland and N.E. coasts of England. Snow was widely experienced and was heavy in East Kent with deep drifts and temperatures fell generally,

screen minima falling to below 20°F. in many districts. A new disturbance had moved to N. Scotland by the 18th and another had formed off the S.W. coasts on 19th and southerly gales were reported with much snow locally. A ridge of high pressure from a large anticyclone over Scandinavia moved across the country during 20th and 21st and intensely cold air spread over England, resulting in the lowest screen temperatures since 1917. Minima on night of 20th - 21st fell to -2°F. at Ross and 0°F. at Linton and 1°F. at Manchester and for several days the screen maxima did not exceed 32°F. at many places.

From 22nd, conditions became gradually milder although freezing conditions were maintained in the Eastern half of the country. On 25th, the northeasterly movement of a depression from West of Ireland gave rise to rain, drizzle and snow and an associated trough on 26th resulted in very heavy falls of snow over the whole of the country causing severe dislocation of rail and road traffic. During remainder of month weather remained dull and very cold except in the extreme southwest. Glazed frost occurred rather widely.

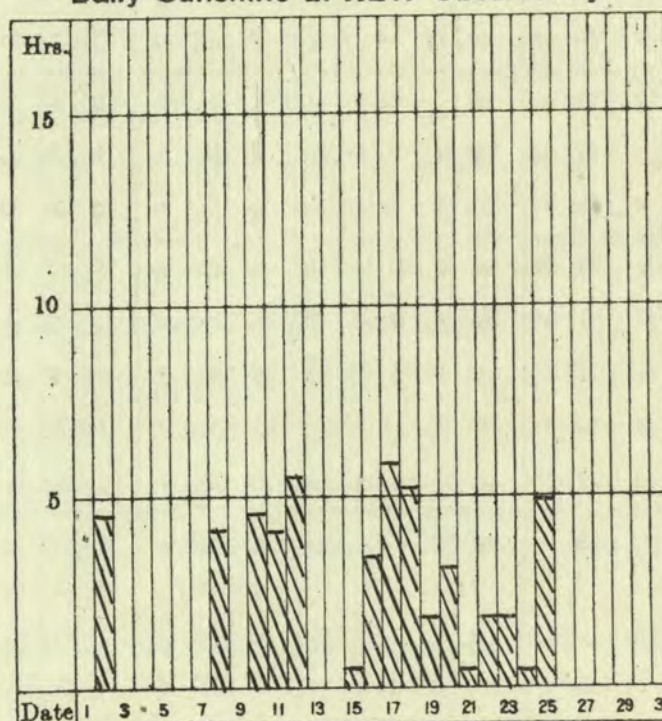
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

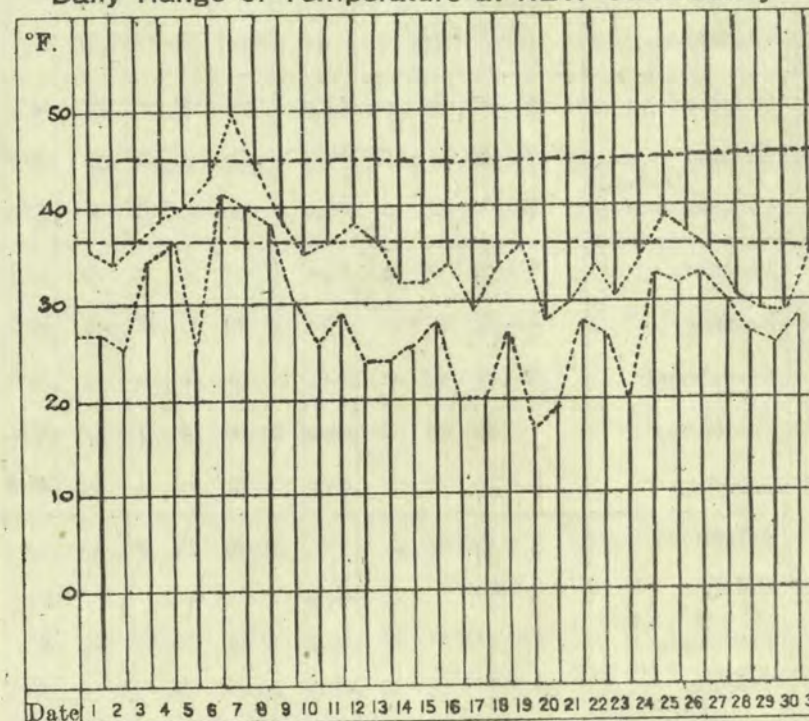
RAINFALL. Total for Month. 63 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 52 hrs.

Daily Range of Temperature at KEW Observatory.



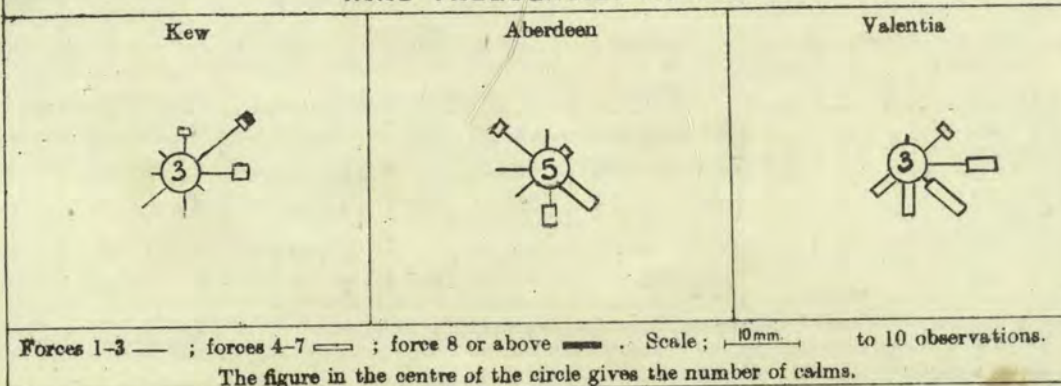
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1019.5	mb. +1.9	°F. 31.6	°F. -9.7
Aberdeen	1013.9	+8.7	32.5	-7.0
Valentia	1014.3	-0.7	42.7	-3.0

*Pressure—The mean is for the 24 hours. It is derived from values at 7 h. and 18 h. daily 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	6654
Aberdeen	5685
Lerwick	13,789
Valentia	10,008

SUNSHINE, RAINFALL, AND HUMIDITY JANUARY 1940.

Page 3.

DISTRICT.	STATIONS.	SUNSHINE.												RAINFALL.												Days with Thunder.	Days with Snow or Sleet.									
		Number of Days with Duration.				Maximum Duration.		Total for past 12 months.		Difference from average.		Highest and Lowest Totals on record for Month.		† Number of days with amount.				Maximum fall in 24 hrs.		Total for past 12 months.		Difference from average.		Total for Month.†				Difference from average.		Highest and Lowest Totals on record for Month.						
		Nil.	0-1-3h.	3-1-6h.	6-1-9h.	Above 9h.	Hours.	Date.	Hours.	Hours.	Hours.	Hours.	First year of record.	Highest.	Year.	Lowest.	Year.	0, trace or 0.1 mm.	0.2-1 mm.	1-1-5 mm.	5-1-15 mm.	15-1-25 mm.	Above 25 mm.	mm.	Date.			mm.	mm.	mm.	mm.	First year of record.	Highest.	Year.	Lowest.	Year.
1	London (Kew Obsy). Croydon Calshot** (Southampton) Lympne	15	6	10	0	0	5.8	17	1522	+53	52	+8	1880	74	'91	16	'85	21	4	2	3	1	0	24	26	641	+35	63	+18	1856	124	'77	11	'92	0	9
		14	9	7	1	0	7.0	10	1492	-33	54	+6	1922	67	'27	25	'35	19	5	3	3	1	0	20	26	749	+70	57	+5	1921	137	'37	29	'35	0	10
		12	6	3	10	0	7.6	25	1736	-10	88	+23	1881	93	'91	19	'85	23	4	2	2	2	0	25	26	731	+85	68	+16	1871	207	'06	14	'90	0	8
		11	7	4	9	0	7.7	12	1844	+79	91	+33	1921	77	'23	37	'36	18	1	9	1	2	0	20	26	894	+170	68	+12	1920	124	'39	30	'29	0	11
2	Shoeburyness ... Gorleston ... Cranwell ...	11	9	6	5	0	7.5	12	1687	-29	75	+18	1919	77	'23	38	'25	22	1	5	3	0	0	13	26	623	+120	39	+5	1920	93	'37	23	'32	1	10
		*	*	*	*	*	*	*	*	*	*	*	1908	84	'10	27	'15	18	10	2	1	0	0	12	7	647	+25	21	-23	1871	142	'39	3	'80	1	9
		15	3	11	2	0	6.6	5	1416	-120	68	+13	1921	69	'32	37	'29	19	1	9	2	0	0	9	26	608	+18	44	0	1917	95	'39	18	'32	0	10
3	Birmingham ... (Edgbaston)	13	10	8	0	0	5.8	23	1246	-58	51	+7	1887	73	'05	8	'17	19	4	5	1	0	2	27	27	710	+36	77	+26	1893	148	'39	21	'08	0	11
4	Ross-on-Wye ...	13	2	10	6	0	7.1	17	1479	-6	87	+32	1915	91	'33	34	'21	23	1	4	0	3	0	22	26	628	-89	71	+9	1859	156	'69	7	'99	0	7
5	Falmouth ... (Observatory)	14	7	4	6	0	7.4	17	1769	+39	67	+7	1881	87	'95	22	'84	14	4	8	4	1	0	16	28	1000	-107	90	-17	1871	246	'75	25	'80	1	1
7	Holyhead ...	9	9	8	5	0	7.2	12	1671	+121	87	+36	1914	102	'33	29	'14	18	1	3	6	2	1	40	19	855	-32	153	+79	1871	190	'77	19	'80	0	5
8	Chester ... (Sealand)	11	7	9	4	0	6.3	14	1430	+54	67	+14	1928	71	'33	33	'39	20	6	2	0	2	1	29	27	736	+75	72	+22	1922	155	'36	31	'29	0	8
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*	16	5	8	2	0	0	11	31	649	+28	41	0	1915	107	'39	15	'32	0	10
11	Leuchars ...	17	8	6	0	0	5.6	22	1356	-114	41	-17	1922	84	'31	32	'26	17	5	4	4	1	0	16	7	641	-12	52	+6	1922	124	'28	22	'29	0	10
12	Renfrew ... Eskdalemuir ...	26	4	1	0	0	4.6	17	1168	-25	9	-25	1921	49	'31	19	'25	18	4	2	7	0	0	12	28	936	-3	64	-21	1921	241	'28	42	'29	0	9
		13	9	7	2	0	6.8	23	1205	+4	57	+22	1910	56	'31	12	'13	17	2	6	5	1	0	24	24	1380	-49	86	-51	1910	394	'28	56	'29	0	13
13a	Stornoway ...	17	11	3	0	0	5.8	22	1271	+56	32	+5	1881	60	'39	12	'07	14	4	9	3	1	0	17	18	1031	-235	64	-67	1870	373	'72	33	'81	0	8
15	Aberdeen ...	14	12	5	0	0	5.4	19	1250	-79	36	-11	1881	85	'81	15	'85	16	9	5	0	1	0	18	7	652	-96	38	-17	1871	125	'37	16	'05	0	9
18	Aldergrove ...	17	6	6	2	0	6.6	17	1293	*	52	*	1927	64	'28	27	'38	15	9	2	3	2	0	21	26	910	+72	84	+14	1926	130	'28	31	'35	0	9
19	Dublin ... (Phoenix Park) Birr Castle ...	14	10	7	0	0	5.3	17	1288	-18	37	-12	1881	91	'91	21	'14																			
		14	10	7	0	0	5.3	17	1288	-18	37	-12	1881	91	'97	24	'84	19	6	3	2	1	0	21	27	772	-55	63	-9	1862	148	'90	17	'81	0	1
20	Valentia ... (Cahiriveen)	11	8	6	6	0	6.6	12	1577	+209	76	+32	1880	123	'81	15	'98	13	6	4	5	1	2	47	23	1290	-124	164	+25	1866	296	'37	27	'35	0	3

MINIMUM SURFACE HUMIDITY.											STATE OF GROUND AT 18 h.														
No. of Days (Mdt. to Mdt.) with Minima between Fixed Limits.											No. of Days each type was recorded.														
STATIONS.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %	STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.			
London (Kew)	0	2	8	5	8	7	1	0	0	0	London (Kew)	1	5	0	8	3	0	2	0	12	0	0	1	Dry.	
Ross-on-Wye ...	2	2	10	8	8	1	0	0	0	0	Ross-on-Wye	0	8	0	5	9	1	0	0	8	0	2	1	Wet.	
Falmouth (Obey.)	13	2		5	6	2	1	0	0	0	Renfrew ...	1	8	0	8	0	0	3	1	6	4	3	2	Flooded.	
Renfrew ...	2	8	8	10	1	2	0	0	0	0	Eskdalemuir	0	4	0	8	3	0	1	0	5	10	4	3	Frozen hard and dry.	
Eskdalemuir ...	1	3	8	10	7	2	0	0	0	0	Aberdeen ...	1	11	0	3	6	0	1	1	8	0	5	4	Partly covered with snow or hail.	
Aberdeen ...	0	1	6	9	11	2	2	0	0	0	Valentia ...	7	17	0	2	0	0	0	2	3	0	6	5	Covered with ice or glazed frost.	
Valentia ...	0	1	8	7	5	3	5	2	0	0													6	Covered with thawing snow.	
																								7	Covered with snow, less than 6 ins., but ground not frozen.
																								8	Covered with snow, less than 6 ins., and ground frozen.
																								9	Covered with snow, greater than 6 ins. deep.

* The extremes of rainfall and sunshine from Calshot are supplemented by those from Southampton.

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

PRESSURE: ICELAND TO GULF OF LIONS. January 1940.

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseille. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h., 7h., 13h., and 19h. 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. 66° N., Long. 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

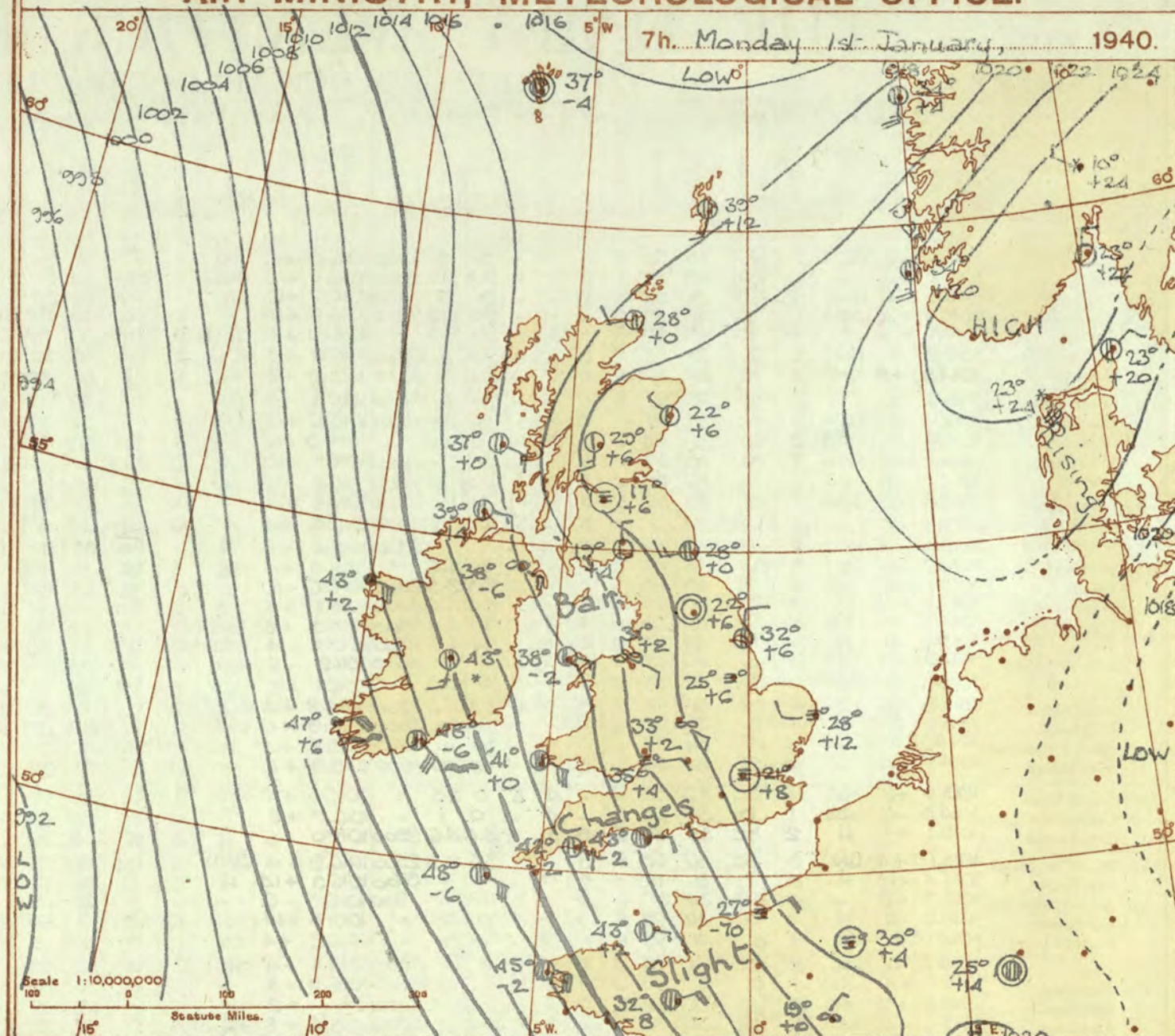
BRITISH SECTION

Monday 1st January, 1940.

No 26,529.

OBSERVATIONS at 13h. G.M.T. 31st December															OBSERVATIONS at 18h. G.M.T. 31st December															PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visibility. 0-10	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visibility. 0-10	Cloud.				State of Ground. 0-9	Sea. 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				Dir.	Force.				Form.	Amount.	Height of Base. (feet)	Dir.			Force.	Form.				Amount.	Height of Base. (feet)	7h.—13h. 1st.	13h.—18h. 1st.			18h.—1st. 1st.	1h.—7h. 1st.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
1	London (Kew)...	1015.2	-2	SW	1	35	92	5	-	-	-	-	1016.0	+6	SW	1	35	92	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st January, 1940.
1 S.E. England	Wind south to southeast, light, becoming moderate; fine by day, local mist or fog tomorrow morning; day temperatures somewhat higher than of late; frost night and morning.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	As 7 - 9
5 S.W. England	Wind southeast, moderate to fresh; gale near coast; fair apart from occasional rain in extreme southwest tomorrow; moderate temperature.
6 South Wales ...	
7 North Wales ...	Wind southeast, moderate to fresh; fine; low day temperatures; frost at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind south, light, becoming moderate; fine; cold day temperatures; ground frost.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 7 - 9.
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	As 10 - 11
16 Orkneys and Shetlands	Wind south, moderate; fair; temperature rising slowly.
17 N. W. Ireland	As 19 - 20.
18 N. E. Ireland	As 7 - 9.
19 S. E. Ireland	Wind east to southeast, fresh to strong; gales near coasts; cloudy with occasional rain; day temperatures approaching average.
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred over Southern Scandinavia is moving southeast, and an extensive depression over the North Atlantic is encroaching very slowly eastwards over the British Isles. It will be generally fine and cold over Great Britain, and cloudy with occasional rain in Ireland.

FURTHER OUTLOOK.

Occasional rain in Ireland and extreme Southwest.; fair elsewhere.

GALE WARNING.

Gale cone hoisted at 0230 on 1/1/40 in districts 5, 7, 19 and 20.

Forecasts issued at 1100 G.M.T.

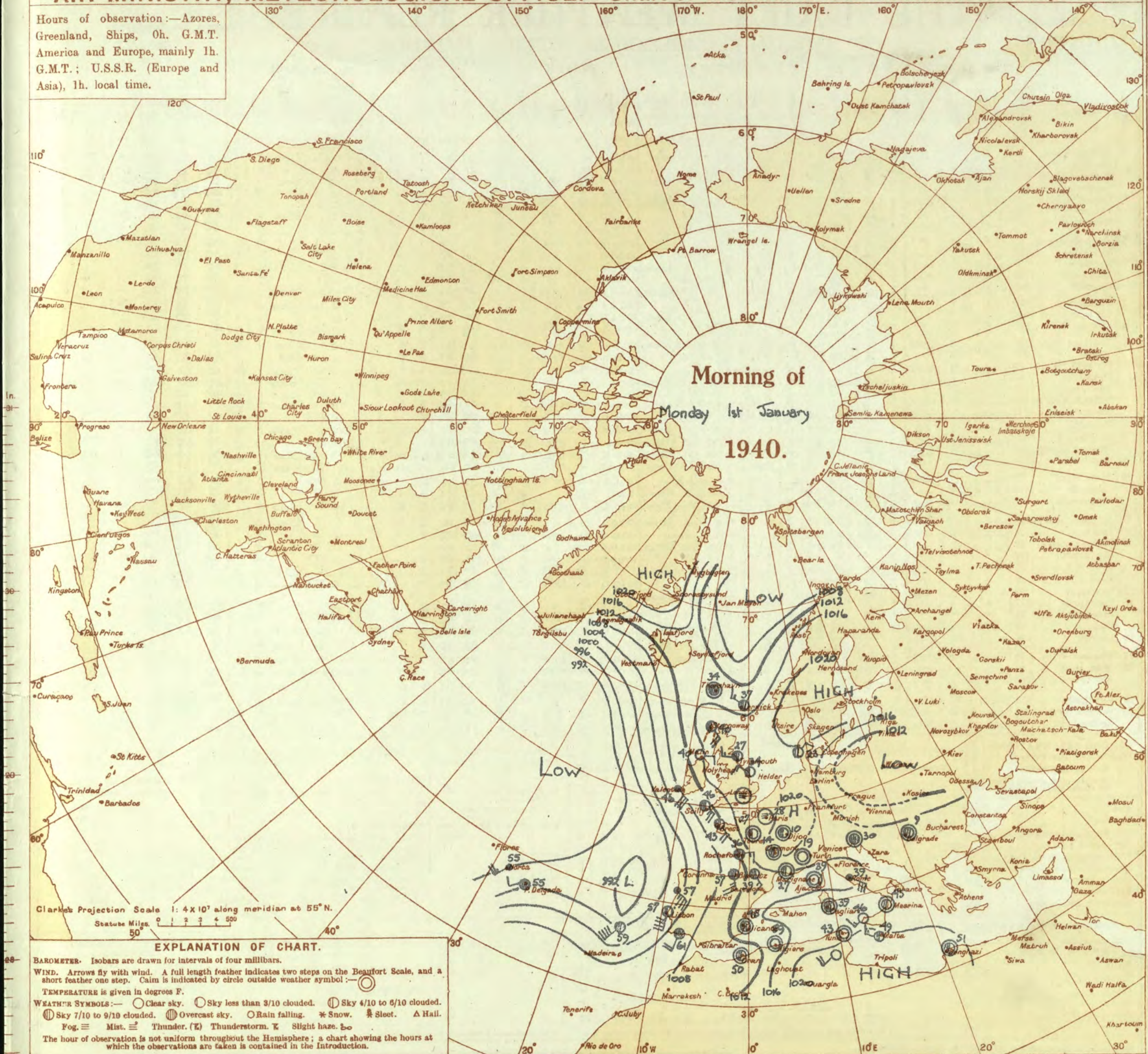
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

2474/3808. No. 8109. D.4626. 6p. 548. 1/40.

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

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 1st January														OBSERVATIONS at 7 hr. G.M.T. 1st January														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)	Visiblity. (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visiblity. (22)	Cloud.			State of Ground. (29)	Sea. (30)	TEMPERATURE.		RAINFALL.		SUNSHINE (35)						
					Direc.	Force.					Form.	Amount.	Height of Base. (feet) (14)			Direc.	Force.					Form.	Amount.	Height of Base. (feet) (28)			Max. Day 7h-15h °F. (31)	Min. Night 15h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-15h mm. (34)		Night 15h-7h mm. (35)					
																																	Low.	Med.	High.	Low.	Med.
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1021.2	+8	*	*	*	F	27	97	1	-	-	-	10	10	<150	8	*	36	27	26	-	Tr	0.0		
	Croydon	217	1018.1	+4	*	*	30	97	1	-	-	-	1021.2	+8	*	*	F	21	97	1	-	-	-	10	10	-	8	*	36	21	20	0.1	Tr	0.0			
	S. Farnborough	226	1018.3	-2	*	*	30	97	1	-	-	-	1020.8	+8	*	*	F	30	97	2	-	-	-	10	10	<150	4	*	39	30	28	0.1	Tr	0.0			
	Boscombe Down	417	1018.4	+4	ENE	2	34	97	0	-	-	-	<150	+4	*	*	F	32	92	1	-	-	-	10	10	-	8	*	44	28	24	-	0.1	3.0			
	Calshot (Shmtn.)	8	1018.2	+6	SSW	2	32	97	0	0	-	-	<150	+4	*	*	F	37	88	3	-	3	-	0	2-3	-	3	2	42	29	26	-	-	4.0			
	Lympne	346	1019.2	-2	NNE	3	31	92	2	-	-	-	-	-	*	*	F	32	92	5	5	-	-	7-8	7-8	2500	4	50	37	26	19	0.1	-	0.8			
	Manston	154	1018.9	0	NNE	3	30	85	4	-	-	-	0	0	+2	*	*	F	33	92	5	-	2	-	2-3	-	3	*	36	28	16	-	-	0.0			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1020.8	+6	NW	1	b	25	85	6	-	-	5	0	1	-	4	*	36	22	12	-	-	0.0			
	Felixstowe	15	1018.7	+2	NW	2	31	92	4	-	3	-	0	7-8	-	NW	2	29	85	5	-	-	8	0	Tr	-	4	2	36	28	22	-	-	0.1			
	Gorleston	5	1018.8	+10	WS	3	28	85	6	5	-	-	0	1	2500	W	2	28	85	4	5	-	-	2-3	2-3	2500	5	1	36	25	24	-	-	*			
	Mildenhall	19	1019.2	-2	ENE	2	25	97	2	-	-	-	0	1	-	W	0	18	97	3	-	-	1	0	1	-	8	*	34	18	14	-	Tr	0.0			
	Cranwell	240	1019.2	+2	NNE	2	29	85	5	5	-	-	Tr	Tr	2500	WN	2	25	92	4	5	3	-	2-3	4-6	2500	3	*	37	24	20	-	-	0.0			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1020.1	+2	SE	2	30	38	75	6	5	-	-	10	10	1500	4	*	39	33	32	0.5	-	0.1			
	Upper Heyford	408	1019.0	+6	*	*	32	97	1	-	-	-	10	10	<150	SE	1	27	55	4	-	4	-	0	1	-	4	*	37	27	20	0.4	-	-			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	1018.3	+4	ENE	2	35	37	4	5	-	-	-	10	10	800	4	*	41	30	24	-	0.1	3.0			
5	Hartland Point	299	1014.8	-4	ESE	3	40	85	8	4	-	-	4-6	4-6	2500	NE	3	39	92	8	4	-	1	2-3	4-6	2500	0	2	45	36	32	-	-	6.2			
	Bristol	209	1018.4	-6	ESE	2	45	92	8	-	-	-	0	0	-	ENE	3	36	97	5	5	-	-	10	10	400	1	*	44	23	*	-	Tr	*			
	Portland Bill	32	1018.8	+4	ESE	2	45	92	8	-	-	-	0	0	-	E	4	48	92	7	5	-	-	10	10	2500	1	3	49	40	*	-	-	*			
	Plymouth	82	1015.5	+2	ESE	2	39	75	7	5	-	-	2-3	2-3	4000	ESE	3	42	70	7	5	3	-	1	2-3	4000	1	2	47	57	33	-	-	6.8			
	The Lizard	240	1012.8	-4	ENE	5	45	68	8	5	7	-	4-6	7-8	2500	ENE	6	45	75	8	7	-	-	4-6	4-6	2500	1	4	47	42	*	-	-	5.8			
	Scilly (St. Mary's)	163	1010.6	-6	ENE	5	46	55	8	5	7	-	4-6	7-8	1500	ENE	6	48	66	8	5	1	-	2-3	10	2500	1	8	47	45	*	-	-	1.2			
	Guernsey	175	1016.1	+2	SE	2	42	68	7	-	4	8	0	2-3	-	SE	1	40	76	7	-	1	1	0	2-3	-	0	2	43	39	29	-	-	7.0			
6	Pembroke	142	1014.3	+2	SE	5	43	97	6	5	2	-	4-6	7-8	1500	SE	6	41	92	5	5	6	-	4-6	9	2500	1	3	48	39	*	-	-	4.6			
7	Holyhead	26	1018.5	-2	E	3	39	97	2	5	-	-	10	10	<150	E	3	38	92	7	-	1	2	0	4-6	-	1	1	43	36	32	-	Tr	1.0			
	Chester (Sealand)	16	1018.5	+2	SE	1	33	97	3	-	-	-	10	10	<150	SE	2	34	85	5	5	-	-	10	10	2500	4	*	36	32	28	-	0.1	0.0			
8	Manchester	70	1019.0	0	NE	2	28	97	2	5	-	-	2-3	2-3	2500	NE	1	26	86	2	5	-	-	9	9	4000	8	*	34	21	15	0.1	-	0.0			
10	Spurn Head	29	1019.3	+6	NWN	3	38	85	6	-	4	8	0	2-3	-	N	2	32	92	6	-	4	8	0	4-6	-	5	2	35	32	*	-	-	5.5			
	Catterick	175	1019.3	+8	E	3	28	85	7	3	3	-	2-3	3	4000	E	3	22	92	7	-	-	-	0	0	-	5	*	38	27	16	-	-	4.9			
	Tynemouth	108	1019.3	+10	W	3	27	85	6	8	-	-	3+	3+	2500	W	3	28	82	6	8	-	-	2-3	2-3	2500	4	2	38	27	23	-	-	*			
11	St. Abbs Head	280	1018.7	+12	NWN	1	36	75	7	5	1	-	4-6	3	2500	*	0	35	75	8	4	-	-	0	1	2500	0	1	37	22	*	-	-	6.0			
	Leuchars	36	1019.0	+6	W	2	27	92	7	-	-	-	0	0	-	NW	1	23	92	7	-	-	-	-	0	0	-	3	*	37	15	14	-	-	0.0		
12	Renfrew (Abbots I.)	19	1019.6	+2	*	0	18	97	2	*	*	-	10	10	<150	*	0	17	57	1	-	-	-	-	0	0	-	8	*	33	18	0.3	-	-	0.0		
	Eskdalemuir	794	1019.6	*	*	*	*	*	*	*	*	-	*	*	*	*	S	1	19	37	8	-	-	5	0	Tr	-	4	*	35	13	10	-	-	6.8		
	Point of Ayre	30	1017.6	-2	SE	4	37	85	7	2	-	-	1	1	2500	SE	5	38	92	6	5	-	-	9	9	1500	0	3	41	33	*	-	-	1.1			
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	1016.5	0	SE	3	37	85	7	-	3	-	-	0	2-3	-	0	2	41	33	33	-	-	0.2			
13B	Stornoway	80	1017.2	0	SE	4	40	65	8	3	-	-	2-3	2-3	4000	S	3	23	92	8	-	-	8	0	1	<150	8	*	33	17	13	-	-	1.5			
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	1020.3	+6	NW	1	b	22	92	8	-	-	8	0	Tr	-	4	1	36	22	19	-	-	2.5			
	Aberdeen	79	1017.4	+10	NWN	3	34	85	7	5	7	-	7-8	3+	1500	WSW	2	28	92	7	5	4	-	1	4-6	1500	3	1	38	28	*	0.3	0.8	-			
	Wick	81	1015.2	+4	NWN	3	37	85	7	8	7	-	7-8	10	800	SSW	3	39	85	8	7	-	-	7-8	3+	1500	4	*	38	36	*	0.2	-	2.1			
16	Lerwick	156	1015.2	+4	NWN	3	37	85	7	8	7	-	7-8	10	800	SSW	3	39	85	8	7	-	-	7-8	3+	1500	4	*	38	36	*	0.2	-	2.1			
17	Blacksod Point	18	1009.4	-4	ESE	5	43	85	7	-	7	0	4-6	-	-	ENE	6	43	85	7	3	-	-	3+	3+	1500	0	3	45	40	*	-	-	*			
18	Malin Head	84	1015.2	0	E	2	40	85	5	-	-	4	0	1	-	ENE	3	39	85	7	5	-	2	2-3	4-6	4000	0	3	45	35	*	-	-	0.7			
	Aldergrove	268	1016.3	-6	E	3	35	85	7	5	-	-	Tr	Tr	1500	ENE	3	38	92	6	3	-	-	3+	3+	1500	1	*	43	33	24	Tr	-	1.7			
19	Birr Castle	173	1012.5	*	S	3	42	85	8	5	1	-	7-8	10	1500	*	3	43	85	8	5	1	-	7-8	10	1500	1	*	48	39	36	-	-	3.1			
20	Valencia Obay.	30	1006.6	-6	E	3	46	75	8	8	-	-	10	10	1500	E	6	47	75	7	5	2	-	7-8	10	1500	1	5	50	45	42	-	0.3	0.9			
	Roches Point	22	1010.3	-6	SE	3	47	85	8	6	2	-	4-6	3+	1500	SE	6	48	75	7	6	2	-	7-8	3+	1500	1	4	49	44	*	Tr	1	*			

THE DAILY WEATHER REPORT

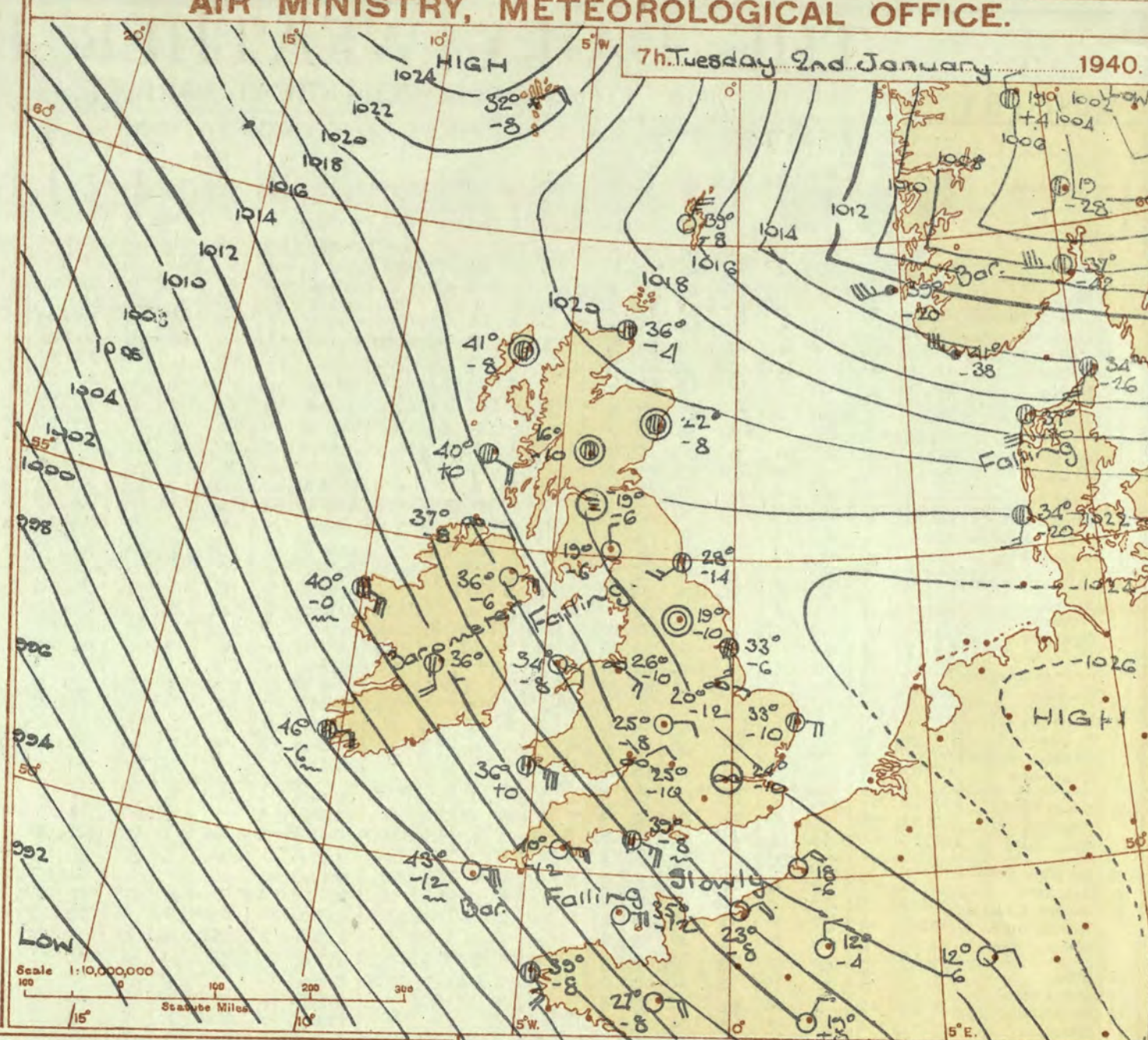
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 2nd January 1940.
No 28,530

OBSERVATIONS at 13h. G.M.T. 1st January														OBSERVATIONS at 18h. G.M.T. 1st January														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visiblity. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visiblity 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.							
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Med. (10)	High (11)	Low (12)			Total 0-10 (13)	Height of Base. (feet) (14)					Direc. (17)	Force 0-12 (18)	Form. (23)	Med. (24)			High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 1st (37)	13h.—18h. 1st (38)	18h.—to 2nd 1h... (39)	1h.—7h. 2nd (40)
1	London (Kew)...	1021.1	-10	NE	2	F	33	92	1	-	-	10	10	1500	1022.1	+10	E	4	m	34	92	4	5	-	-	10	10	1500	8	*	F	pxcm	cm bcm	bm x	
	Croydon ...	1021.4	-6	ENE	1	bcF+	32	97	1	5	-	-	4-6	4-6	800	1021.4	+2	E	3	3	32	92	4	5	-	-	2-3	2-3	1500	6	*	bf x of	bc f m	bm x	
	S. Farnborough	1020.9	-10	-	0	F	31	97	2	-	-	8	0	1	-	1021.4	+	EN	3	bcf	32	92	2	5	-	-	2-3	2-3	1500	0	*	px b of b	bf of b	bc x b	
	Boscombe Down	1015.8	-12	E	4	z	35	75	5	-	-	8	2-3	7-8	4000	1019.9	+4	EN	3	z	34	92	5	5	-	-	4-6	4-6	2500	0	*	bc m b m	bc m	bm x	
	Calshot (Soton.)	1019.2	-10	SW	4	z	40	85	5	1	3	2	2-3	9	4000	1019.4	+2	E	6	z	40	85	6	5	-	-	9+	9+	1500	6	4	bb m	bc m	bc x m	
	Lymington	1021.6	-10	ESE	3	C	35	75	7	2	-	1	7-8	7-8	2500	1022.7	+6	EN	4	m	32	97	4	5	-	-	10	10	1500	4	3	cm b c z	bc m	bc x	
	Manston	1021.5	-6	ESE	3	z	38	85	6	8	-	8	7-8	7-8	1500	1023.5	+4	ESE	4	z	35	75	6	5	-	-	9	9	1500	1	*	bc m f m	cm z	bc x	
2	Shoeburyness ...	1021.8	-2	ENE	2	C	38	92	6	7	4	-	4-6	7-8	4000	1023.5	+6	ESE	4	C	37	85	3	5	-	-	9+	9+	800	1	1	bc x m	bc m	bc x	
	Felixstowe	1022.0	+2	SE	3	pr	38	95	7	8	-	-	9+	9+	1500	1023.4	+6	SE	4	b	37	97	8	-	-	0	0	-	1	2	bm m c p r	cb	bm x		
	Gorleston	1023.1	+6	SE	5	3	39	75	7	5	-	-	3	3	2500	1025.1	+10	ES	4	bc	37	65	7	-	4	0	2-3	-	5	3	bc c f	cb	bc x		
	Mildenhall	1022.5	-6	-	0	3	32	97	4	-	7	0	10	-	-	1023.5	+6	SE	3	z	33	85	6	5	-	Tr	Tr	4000	3	*	bf x c f x	cm p r	bm x		
	Cranwell	1022.3	-2	ESE	1	C	32	75	5	-	8	0	9	-	-	1023.3	+10	ESE	2	bf	30	92	3	5	-	1	1	4000	3	*	C	cz b c	bf m x		
3	Birmingham	1021.0	-4	SE	2	z	36	75	5	-	2	0	4-6	-	1021.8	+2	ESE	3	m	34	92	4	5	-	-	9+	9+	1500	4	*	bc z	bc	bc x		
	Upper Heyford	1021.4	-6	E	2	z	35	75	5	-	5	0	2-3	-	1021.8	0	E	2	f	34	85	3	5	-	-	10	10	450	4	*	bc m m	bc m	bc x		
4	Ross-on-Wye	1019.9	-8	E	2	z	38	75	6	-	1	0	2-3	-	1020.2	0	EN	2	m	32	85	4	-	-	1	0	Tr	-	4	1	cm c m b z	bz	cm b m		
5	Hartland Point	1015.2	-6	ENE	3	C	43	85	7	8	-	3	7-8	9	1500	1013.2	-8	E	4	C	40	83	7	5	4	2-3	7-8	1500	0	3	bc	cb	bc x		
	Bristol ...	1019.7	-6	E	3	z	38	85	5	-	8	0	1	-	1019.1	0	E	3	z	35	83	6	5	4	2-3	7-8	2500	1	*	cb m b m	bm b c	bc x			
	Portland Bill	1015.7	-14	E	4	C	44	92	7	5	-	10	10	2500	1016.3	-8	ESE	5	bc	43	85	6	5	-	-	4-6	4-6	4000	1	4	c	bc	bc x		
	Plymouth	1015.3	-10	ESE	5	C	46	75	8	2	-	2	4-6	7-8	2500	1014.2	-4	ESE	5	bc	42	85	6	2	4	2-3	4-6	2500	1	2	bc	cb	bc x		
	The Lizard	1012.3	-10	E	7	C	47	75	8	8	2	-	7-8	9+	2500	1011.4	-6	E	7	C	44	85	7	8	2	7-8	9+	2500	0	4	C	C	bc x		
	Scilly (St. Mary's)	1005.8	+12	ESE	6	C	48	75	8	5	7	3	4-6	7-8	2500	1008.8	-4	ESE	7	C	46	75	7	5	6	4-6	10	1500	1	4	C	C	bc x		
	Guernsey	1015.4	-12	E	3	bc	42	75	7	-	1	8	7	4-6	-	1014.7	0	ESE	3	bc	39	85	6	1	1	Tr	2-3	2500	0	2	bc	bc	bc x		
6	Pembroke	1016.5	+6	SE	7	C	42	85	5	6	-	4-6	7-8	2500	1015.1	-2	SE	7	C	41	85	6	5	2	4-6	7-8	1500	1	3	cm q	cm q	bc x			
7	Holyhead	1017.8	-4	SE	3	bc	45	75	6	-	2	3	4-6	-	1017.9	0	E	3	bc	39	85	6	-	-	2	0	1	-	1	1	w z b c	bc x m b	bc x		
	Chester (Sealand)	1020.7	-4	SE	1	m	35	85	4	5	-	1	4-6	4-6	4000	1021.1	+2	SE	2	bf	32	85	3	-	-	0	0	-	4	1	em c m	bc m f b	bc x		
8	Manchester	1021.7	-2	ESE	2	m	39	65	4	-	3	1	0	4-6	-	1022.1	+2	E	3	m	34	85	4	-	-	0	0	-	1	1	cf b e f r	bc f m	bc x		
10	Spurn Head	1022.8	-2	SES	2	bc	42	85	5	2	-	3	1	4-6	4000	1023.4	+2	SES	5	b	38	75	6	-	-	0	0	-	3	3	bc m	bc b	bc x		
	Catterick	1022.5	+4	-	0	z	33	85	5	-	5	0	2-3	-	1023.5	+4	-	0	m	25	92	4	-	-	0	0	-	3	3	cx bc	bc m	bc x			
	Tynemouth	1022.2	+4	WSW	2	f	35	85	2	2	3	-	2-3	4-6	2500	1023.2	+4	SW	2	bc f	35	85	3	5	-	-	2-3	2-3	1500	4	2	bc f f	bc f	bc x	
11	St. Abbs Head	1021.3	0	SSW	3	bc	35	85	8	4	-	4	1	2-3	2500	1022.1	0	WSW	3	b	33	75	7	4	-	Tr	Tr	2500	8	2	b	b	bc x		
	Leuchars	1021.4	-2	-	0	z	30	92	6	3	-	8	Tr	2-3	4000	1022.1	+4	W	1	z	24	92	5	-	-	0	0	-	3	*	bx bc x m	bc p m	bc x m		
12	Benbow (Abbots L.)	1021.7	-2	-	0	bcf	21	97	2	-	6	0	4-6	-	1022.1	+2	-	0	bf	20	97	2	-	-	0	0	-	3	*	bf x b f f x	bc b f f x	bc x			
	Eskdalemuir	1021.3	-2	SE	1	b	33	85	7	5	-	2	Tr	1	2500	1022.6	+2	NNW	1	b	23	97	7	-	-	2	0	Tr	-	4	1	bc b x	bx	bc x	
	Point of Ayre	1019.7	-2	SSE	5	C	41	85	6	-	6	0	7-8	-	1013.8	-2	SESE	6	b	40	75	7	5	-	-	1	1	1500	0	4	C	bc b	co z o	bc	
13A	Three ...	1017.7	0	SE	4	bc	39	85	7	5	4	-	2-3	4-6	4000	1017.8	0	SE	4	bc	40	85	7	5	-	-	4-6	4-6	2500	0	4	bc	bc	bc x	
13B	Stornoway	1019.1	0	SE	3	C	40	75	5	7	-	4-6	9+	2500	1019.6	+2	-	0	b	35	85	7	5	-	-	Tr	Tr	4000	1	0	b c	bc	bc x		
15	Dalwhinnie	1019.4	+2	3	4	bc	32	97	8	-	8	0	2-3	-	1021.8	+6	-	0	b	20	97	8	-	-	8	0	1	-	8	1	bc	bc	bc x		
	Aberdeen	1021.0	-2	SSW	2	b	36	75	5	1	-	1	1	1500	1021.7	+4	SSW	1	b	34	85	5	-	-	1	0	Tr	-	4	1	b z f z	bz	bc x		
	Wick	1019.4	-2	WSW	1	bc	32	85	8	1	4	1	2-3	4-6	2500	1020.0	+2	SW	2	bc	29	92	7	5	4	1	2-3	2500	3	1	bc	bc	bc x		
16	Lerwick...	1020.4	+6	WSW	3	C	41	85	8	7	-	4-6	7-8	1500	1020.6	+2	SW	4	C	40	85	8	5	7	-	4-6	7-8	1500	4	*	c p r	C	bc x		
17	Blackod Point...	1011.3	+6	SE	5	C	44	85	7	-	7	-	0	10	-	1011.6	0	SE	6	C	45	85	7	-	-	0	10	-	0	4	C q	C q	bc x		
18	Malin Head	1016.4	+4	SE	4	z	43	85	6	8	-	3	4-6	7-8	4000	1016.8	+10	SE	3	z	41	75	6	5	7	-	4-6	7-8	4000	0	2	z	z	bc x	
	Aldergrove	1017.5	-2	ESE	4	z	45	85	5	-	7	-	0	9+	-	1018.6	+6	ESE	3	z	39	85	6	5	-	-	9	9	1500	1	*	em	cb m	bc x	
19	Birr Castle	1013.5	+	SSE	3	C	44	85	8	5	1	-																							

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 2nd January 1940.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd January, 1940.

1 S.E. England	Wind east to southeast, moderate and weakening in the east, strong in the west with gales locally near coast; fine except in extreme southwest, where there will be occasional light rain; cold, with frost night and morning except in extreme southwest; local fog in the east tomorrow morning.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind south to southeast, moderate, becoming variable light; some snow tomorrow; cold with night frost.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotl ^d . B.N.W.Scot- land.	Wind west, light or moderate, veering northeast, moderate to fresh; a period of sleet and snow moving south, with snow showers in extreme north tomorrow; cold.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Wind southeast, fresh in the northeast, strong in the southwest with gale locally near coasts; occasional rain in the southwest; rather cold.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred over Germany is moving southeastwards and an associated ridge of high pressure extending across the North Sea to Scotland is retreating slowly before a southward moving trough of low pressure to the north of Scotland. A complex depression covers the North Atlantic. Weather will be generally fine and cold except for sleet and snow in Scotland and occasional light rain in the extreme southwest.

FURTHER OUTLOOK.

Remaining cold; snow in Scotland.

GALE WARNING.

Gale cone hoisted at 0230 on 1/1/40 in districts 5, 7, 19 and 20.

Forecasts issued at 1100 G.M.T.
H.M.S.O. Press, Cornwall House, S.E.1.

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

2474/3008, H.M.S.O. 04626, 0p. 848, 1/40

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.

Morning of
Tuesday 2nd January
1940.

Clarke's Projection Scale 1: 4 x 10⁷ 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. Δ Hail.

Fog. ≡ Mist. ≡ Thunder. (Z) Thunderstorm. Z 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.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 2nd January														OBSERVATIONS at 7 hr. G.M.T. 2nd January														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.			Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.			Barom. at M.S.L. mb. (29)	Change in 3 hours. (30)	TEMPERATURE.				RAINFALL.		Sun-shine 1st Hrs. (36)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					Direc. (3)	Force. (4)					Low. (9)	Med. (10)	High (11)			Low (12)	Total (13)					Height of Base. (feet) (14)	Direc. (17)	Force (18)			Low. (23)	Med. (24)	High (25)	Low (26)	Total (27)	Height of Base. (feet) (28)		State of Ground. (31)	Sea. (32)	Max. Day (31)	Min. Night (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday 3rd January 1940
No 28531

No. 2853

OBSERVATIONS at 13h. G.M.T. 2nd January

OBSERVATIONS at 18h. G.M.T. 2nd January

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)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather.	%Temp. (20)	Humid. (21)	O-Visibility 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																															
				Dirce.	Force.					Low.	Med.	High	Low			Total	Height of Base. (feet) (14)					Low.	Med.	High	Low			Total	Height of Base (feet) (28)	Th.-15h. 2nd (37)	13h.-15h. 2nd (38)	15h.-to 3rd (39)	1h.-7h. 3rd (40)																										
																																		Form.		Amount.		Form.		Amount.																			
1	London (Kew)...	1017.6	-20	E'N	3	33	65	4	-	-	-	0	0	-	1015.6	-18	E'N	2	b	31	75	4	-	-	-	8	*	bfx bzx	bzx	bmx	bcmx																												
	Croydon ...	1018.0	-26	NE'E	1	33	85	4	-	-	-	0	0	-	1016.1	-14	E'NE	2	b	27	92	4	-	-	-	8	*	bmo xbm	bm	bmmxm	bmgmbz																												
	S. Farnborough	1017.4	-26	E'NE	2	33	65	4	-	-	-	0	0	-	1015.4	-16	E	3	bft	29	75	2	-	-	-	4	*	bnox bz	bzyf	bfx	bfx bc																												
	Boscombe Down	1016.4	-26	E'N	4	31	75	6	-	-	-	0	0	-	1013.9	-16	E'N	4	b	28	85	4	-	-	-	4	*	bm	bzo	bm	bmbgm																												
	Calshot (Soton).	1016.0	-24	E'N	4	36	75	7	-	-	-	0	0	-	1013.4	-18	E'N	5	Zo	33	65	6	-	-	-	3	3	bmx	bmo	bm	bmcg																												
	Lympe	1018.6	-26	E	3	31	75	6	-	-	-	0	0	-	1016.7	-14	E'S	3	Zo	29	65	6	-	-	-	3	3	bmxzo	bzo	bz	bz																												
	Manston	1018.7	-24	SE	3	35	65	6	-	-	-	0	0	-	1016.0	-14	SSE	2	Zo	31	65	6	-	-	-	3	3	bzo	bzo	bz	bz																												
2	Shoeburyness ...	1019.0	-18	ESE	3	35	75	7	-	-	-	0	0	-	1016.6	-16	E'S	2	b	35	57	7	-	-	-	3	*	bxb	b	bz	bz																												
	Felixstowe	1019.1	-24	ESE	3	38	65	6	-	-	-	0	0	-	1016.3	-20	E	2	Zo	35	75	6	-	-	-	1	2	bmo	bmo	bm	bmgx																												
	Gorleston	1020.8	-20	ESE	3	37	75	7	-	-	-	0	0	-	1016.9	-10	SE'E	3	b	35	75	7	-	-	-	5	2	bc	bcb	bbsc	bxb																												
	Mildenhall	1019.3	-32	E	2	35	92	6	-	-	-	0	0	-	1016.5	-20	E'NE	2	Zo	25	97	5	-	-	-	4	*	bmx	bmo	bmx	bmlmx																												
	Cranwell	1020.1	-18	E	2	33	85	6	-	-	-	0	0	-	1016.9	-22	E	0	bft	25	92	3	-	-	-	4	*	bmmox	bmmfx	bfffx	bfx																												
3	Birmingham	1018.7	-16	E	2	31	75	4	-	-	-	0	0	-	1016.5	-10	E	3	m	28	85	4	-	-	-	4	*	bzz	bz	bz	bmxsf																												
	Upper Heyford	1018.0	-26	E'N	3	31	75	5	-	-	-	0	0	-	1016.2	-14	E'NE	3	m	27	92	4	-	-	-	5	*	bmo	bzmobm	bmbm	bmx																												
4	Ross-on-Wye ...	1017.4	-24	E	2	31	75	6	-	-	-	0	0	-	1015.3	-12	E'NE	1	Zo	27	92	5	-	-	-	4	*	bzo	bzo	b	bmx																												
5	Hartland Point	1012.0	-14	NE	3	37	85	6	1	-	-	1	1	1000	1008.2	-16	E'NE	5	b	35	65	8	-	-	-	0	3	cbcb	b	b	bbedbc																												
	Bristol ...	1016.6	-20	E'N	3	33	75	6	1	-	-	0	0	-	1014.4	-10	E'N	5	b	25	85	4	-	-	-	3	*	bbebm	b	b	bmgx																												
	Portland Bill	1013.0	-18	ESE	5	41	92	8	1	-	-	2-3	2-3	4000	1011.1	-10	ESE	5	b	40	97	8	-	-	-	1	4	cbc	b	b	c																												
	Plymouth	1011.2	-16	E	4	44	55	8	-	-	-	0	0	-	1008.0	-20	E'S	6	Zo	40	75	6	-	-	-	1	3	b	bzo	bzm	bmgx																												
	The Lizard	1008.8	-10	E	7	45	75	8	4	-	-	2-3	2-3	2500	1005.7	-20	E	7	bc	44	75	8	-	-	-	0	4	bcg	bcg	bc	bmgx																												
	Scilly (St.Mary's)	1007.0	-18	E	6	47	75	7	5	-	-	2-3	2-3	2500	1003.9	-14	E	6	bc	44	85	7	5	4	-	1	4	cbc	bc	bcc	bccg																												
	Guernsey	1011.1	-20	E	4	39	65	7	-	-	-	0	0	-	1008.7	-20	E'S	4	bc	37	75	6	-	-	-	0	3	b	b	b	b																												
6	Pembroke ...	1013.3	-18	SE	6	37	75	6	5	-	-	2-3	2-3	800	1009.7	-10	SE'E	7	bog	37	55	7	5	-	-	2-3	2-3	1500	1	3	bmg	bmg	bmg																										
7	Holyhead	1015.6	-18	E'S	1	42	65	9	-	-	-	1	0	Tr	1013.4	-14	E'S	1	b	27	75	6	-	-	-	1	1	xb	bzo	bzxb	bzxb																												
	Chester (Sealand)	1018.9	-14	SE	2	30	85	5	-	-	-	0	0	-	1016.3	-10	SE'S	2	m	26	85	4	-	-	-	3	*	bmx	bmo bmx	bmx	bmx																												
8	Manchester ...	1019.2	-18	E	2	35	65	4	-	-	-	0	0	-	1016.7	-14	NE	1	bF	25	97	1	-	-	-	8	*	bmoz	bzff	bFff	bxfmf																												
10	Spurn Head	1019.9	-20	SE	2	36	75	7	-	-	-	0	2-3	-	1017.6	-8	S'W	1	b	30	92	7	-	-	-	3	1	bc	cbcb	bff	FF																												
	Catterick	1020.3	-6	-	0	31	85	6	-	-	-	2	0	-	1017.7	-10	-	0	m	21	92	4	-	-	-	3	2	bcmxmo	bcbmox	bxm	bmgx																												
	Tynemouth	1019.7	-26	SSW	3	32	92	5	5	3	1	2-3	4-6	1500	1018.4	-8	SW	2	bef	30	85	3	5	-	-	-	4	2	bc	bcbff	bfffc	co																											
11	St. Abbs Head	1018.9	-12	NW	1	33	85	7	4	6	2	2-3	4-6	2500	1017.3	-10	NW	1	bc	34	85	6	4	-	-	-	3	1	bc	bemob	bmbc	rcc																											
	Leuchars	1019.0	-22	NW	1	30	85	5	-	7	6	0	9+	1	1017.5	-18	NW	2	Zo	26	92	6	-	-	-	3	*	bc	cbcxmo	cbcbxm	cxmkg																												
12	Renfrew (Abbots L.)	1020.0	-22	-	0	22	97	1	-	-	-	10	10	2150	1018.2	-6	-	0	18	97	0	-	-	-	-	3	*	oFFx	oFFx	oFFx	oFFx																												
	Eskdalemuir	1019.3	-24	-	0	30	85	8	-	-	-	4	0	2-3	-	1017.6	-8	N'E	1	b	23	85	8	-	-	-	4	*	bbsc	bbsc	bz	bom																											
	Point of Ayre	1017.6	-20	SE	6	37	75	7	-	-	-	2	0	2-3	-	1015.7	-8	SSE	4	b	37	75	6	-	-	-	0	3	cbc	bz	b	b																											
13A	Tiree ...	1017.3	-10	SE'E	2	37	85	7	5	-	-	4-6	4-6	2500	1016.1	-4	ESE	2	b	34	85	7	5	-	-	-	0	2	cbc	bob	bz	bz																											
13B	Stornoway	1020.0	-6	-	0	37	85	6	5	1	-	4-6	4-6	4000	1018.8	-6	NW	1	c	36	92	6	5	7	-	-	7-8	9+	2500	3	0	c	cno																										
15	Dalwhinnie	-	-16	-	0	25	97	8	5	-	-	4-6	4-6	4000	1017.7	-4	-	0	b	19	97	8	-	-	-	-	0	Tr	2150	8	0	c	cbc																										
	Aberdeen	1018.5	-18	NW'W	1	32	85	3	5	1	-	7-8	9+	5700	1017.1	-10	NW	2	bc	32	85	6	5	-	-	-	2-3	2-3	5700	4	1	bcif	cfbcb	bazc																									
	Wick ...	1018.3	-10	W	2	36	85	8	6	7	2	4-6	9+	2500	1017.6	-2	NE	3	c	41	85	7	5	7	-	-	7-8	10	1500	1	1	c	dodm																										
16	Lerwick...	1018.6	-4	N	5	34	75	8	8	7	-	4-6	10	800	1018.2	-4	N	5	c	34	85	8	8	7	-	-	7-8	9+	800	1	1	c	epsc																										
17	Blacksod Point..	1011.3	-20	ESE	6	39	75	7	-	-	-	0	0	-	1010.9	0	E'N	3	b	39	65	7	-	-	-	0	0	-	0	2	bog	bz	b	b																									
18	Malin Head	1016.4	-6	SE	3	39	65	6	-	7	-	0	2-3	-	1014.6	-16	S	1	bc	35	75	8	5	-	-	-	4-6	4-6	5700	0	2	Zo	bzzbc	bc	Z																								
	Aldergrove	1017.1	-6	ESE	4	38	75	5	-	-	-	0	0	-	1014.7	-18	ESE	4	m	34	85	4	-	-	-	0	0	-	1	*	bcbmo	bzom	bmmg																										
19	Birr Castle	1013.7	-	ESE	2	39	65	8	-	-	-	0	0	-	1017.7	-	ESE	1	b	35	75	8	-	-	-	0	0	-	1	1	blb	b	b	b																									
20	Valentia Obsy.†	1007.3	-18	E	6	45	65	8	5	5	1	4-6	4-6	2500	1005.2	-16	E'N	5	b	44	85	8	5	4	-	-	Tr	Tr	4000	1	3	cbc	bcbt	by	bybcy																								
	Roches Point	1010.8	-14	ESE	6	44	85	8	5	-	-	4-6	4-6	2500	1008.2	-16	ESE	6	bc	41	85	7	5	-	-	-	2-3	2-3	2500	1	4	cbc	bc	b	bbc																								

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220-1100 yds.
F, thick fog „ less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s_o/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.

q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere
of dry weather.
b(r), "hail" or "rain and hail."
Capital letters indicate intense;
suffix o indicates slight; repetition
of letters indicates continuity: thus
R, heavy rain. r_o, slight rain.
rr, continuous rain.
c, less than (for cloud height). ☉Aurora.
☾ Solar halo. ☾ lunar halo. ☾Aurora.
With present weather is combined,
whenever possible, the general
character of the weather.
A "solidus" divides actual exist-
ing weather from preceding con-
ditions thus: —bc/r, fair weather
after rain; —, has decreased;
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

- 0 No low clouds.
- 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.

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.

An entry "4-" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

- CLOUD.**
- 0 No medium clouds.
 - 1 Typical As (thin).
 - 2 Typical As (thick) (sun or moon invisible), or
 Nimbostratus (Ns).
 - 3 Single layer of Ac or high Sc.
 - 4 Ac in isolated patches. Individually de-
 creasing (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.

COLUMN 29 — STATE OF GROUND.

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

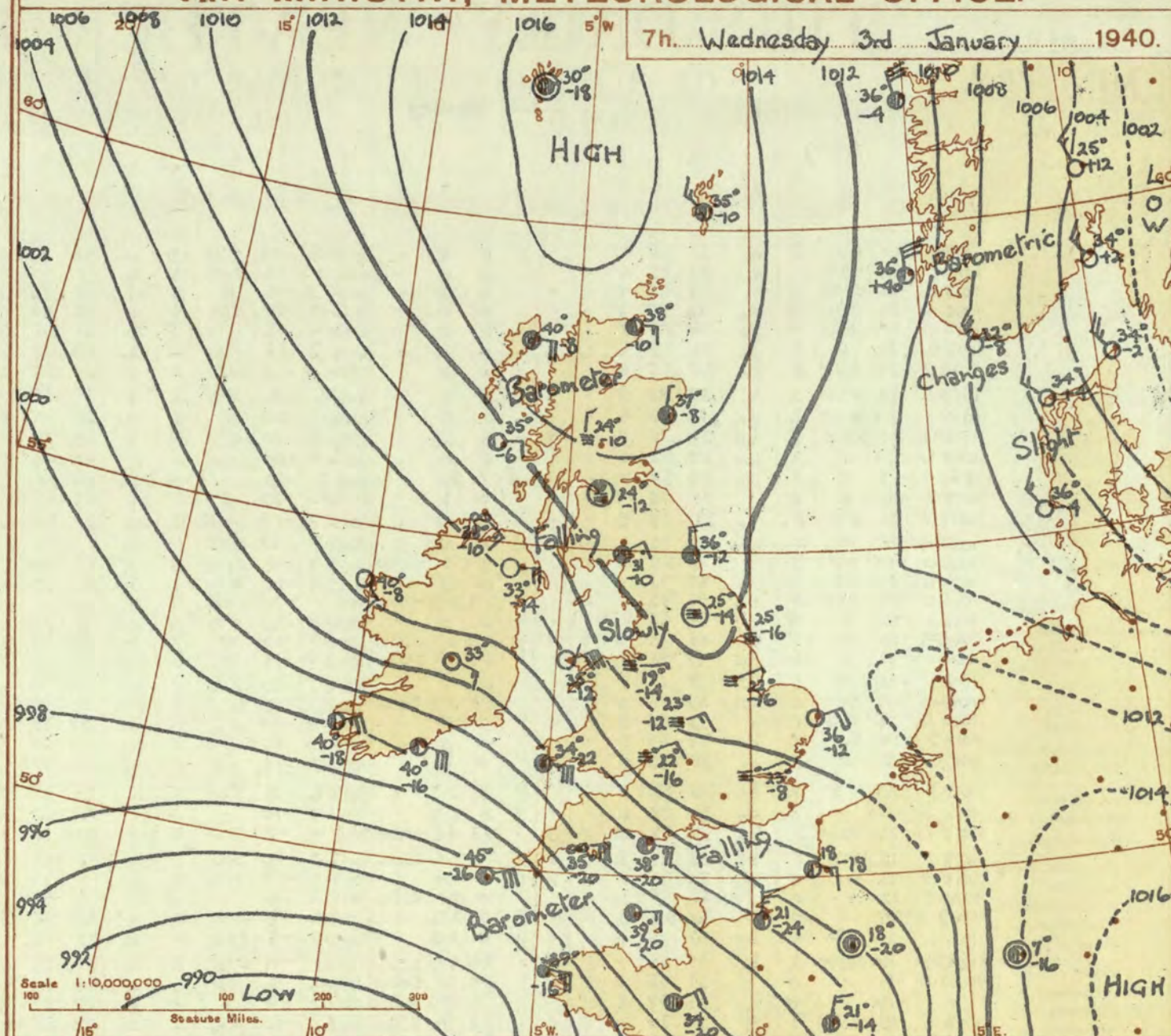
COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

- CLOUD.**
- 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 cirrus.
- (Cc may occur with any of the types 1 to 8).

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 3rd January 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd January, 1940
1 S.E. England	Wind east moderate; fair with increasing high and medium cloud; cold with general frost, becoming less cold tomorrow.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind east, fresh to strong; with gales on coasts; rain spreading slowly northwards tonight; rather cold, becoming milder.
6 South Wales ...	
7 North Wales ...	Wind east, moderate; fresh locally; fine and cold with general frost.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind variable, light, becoming east to southeast, moderate; occasional light rain or sleet today; cold with general frost and local fog.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 A.W. Scotland	
14 Mid Scotland	As 10 - 12.
15 N.E. Scotland	
16 Orkneys and Shetlands	Wind northeast, becoming southeast, moderate; cloudy, cold, with frost inland.
17 N.W. Ireland	
18 N.E. Ireland	Wind east, moderate in the north, fresh to strong in the south; fair apart from rain in extreme south tomorrow; rather cold.
19 S.E. Ireland	
20 S.W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperatures.

GENERAL INFERENCE.

A depression centred off northwestern Spain is moving slowly north-northeastwards and an anticyclone centred north of Scotland is moving southeastwards and weakening; Weather will be mainly fine and cold apart from occasional light rain or sleet in Southern Scotland and Northern England today, and rain spreading slowly north-eastwards from the southwest tonight.

FURTHER OUTLOOK.

Becoming milder in the south, chance of glazed frost in Midlands.

GALE WARNING.

Gale cone hoisted at 0230 on 1/1/40 in districts 5, 7, 19 and 20.

Forecasts issued at 1100 G.M.T.

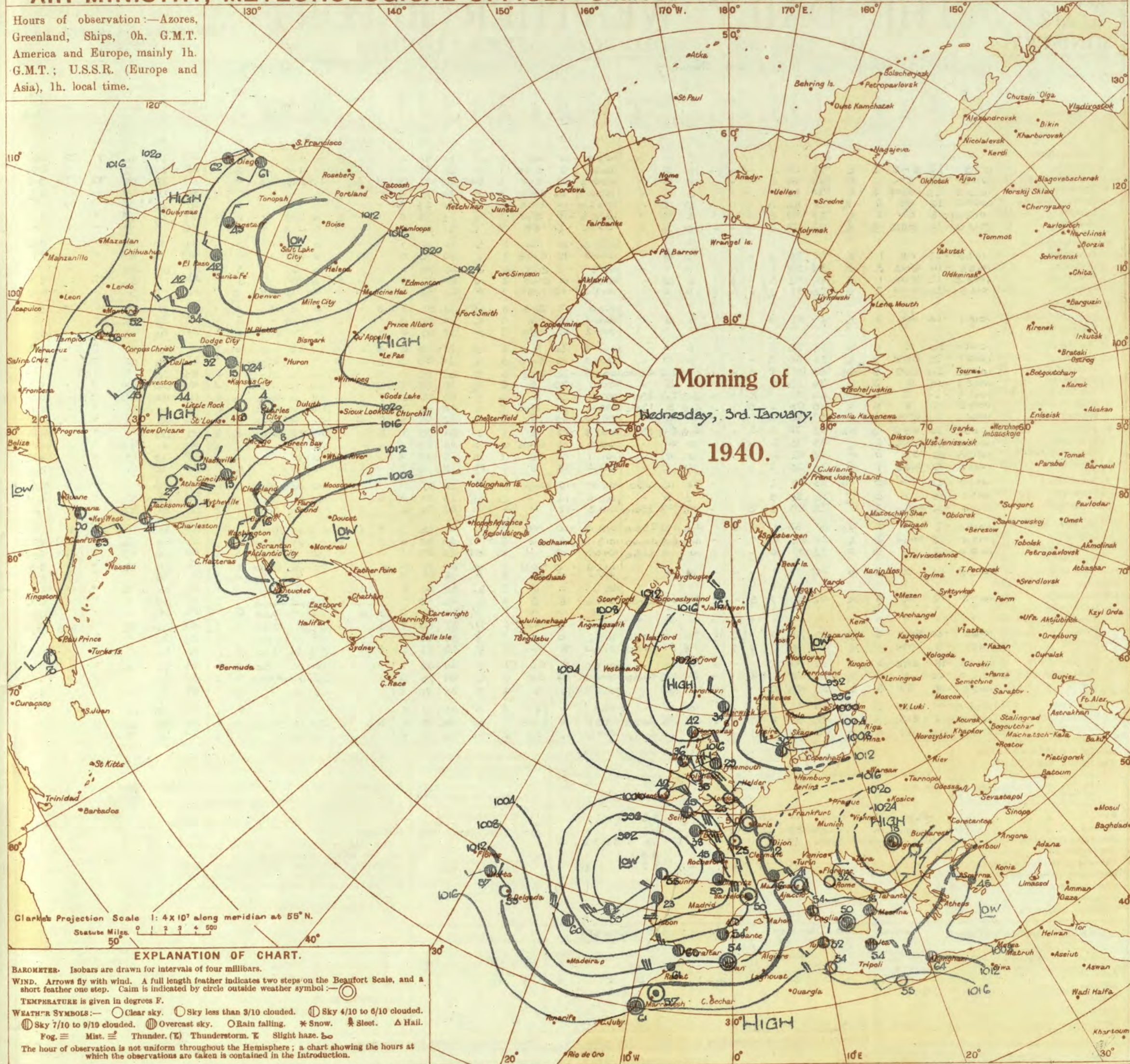
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

24/1/40. H.M.S.O. Press, S.E.1.

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Wednesday 3rd January 1940.
 No. 28531

OBSERVATIONS at 1 hr. G.M.T. 3rd January														OBSERVATIONS at 7 hr. G.M.T. 3rd January														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visiblity.	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visiblity.	Cloud.			State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		Sun-shine 2nd Hrs.								
					Direc.	Force.				Form.	Amount.	Height of Base (feet).			Direc.	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.							
																															0-12	0-10	0-10	0-10	0-10	0-9	0-9
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1008.6	-14	NE	2	27	85	4	-	-	8	*	34	25	11	7	Tr	4.0							
	Croydon	217	1011.3	-22	NE	2	25	85	5	-	-	-	-	1009.1	-8	NE	1	23	85	4	-	-	8	*	33	21	12	-	-	4.7							
	S. Farnborough	226	1011.3	-20	NE	1	24	85	2	-	-	-	-	1008.0	-22	NE	2	22	85	5	5	5	2.3	4.6	4.0	4	*	34	22	18	Tr	Tr	3.5				
	Boscombe Down	417	1010.3	-26	NE	4	23	85	4	-	-	-	-	1006.2	-26	NE	5	26	75	5	-	-	5	0	4.6	-	4	*	32	23	19	-	-	6.3			
	Calshot (Stmnt.)	8	1009.5	-26	NE	4	28	85	5	-	-	-	-	1006.0	-14	NE	5	80	65	6	-	-	2	0	7.8	-	5	*	37	27	*	-	-	*			
	Lymyne	346	1012.6	-18	NE	3	27	65	6	-	-	-	-	1009.5	-18	NE	3	28	75	6	-	-	5	0	2.3	-	3	*	31	26	23	-	-	7.2			
	Manston	154	1013.0	-14	NE	3	32	75	5	-	-	-	-	1009.0	-22	NE	2	31	65	6	-	-	6	0	4.6	-	3	*	36	15	*	-	-	*			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1009.3	-18	NE	3	34	57	7	-	-	0	0	-	3	*	35	27	18	-	-	7.0				
	Felixstowe	15	1012.8	-22	NE	1	35	85	6	-	-	-	-	1009.9	-18	NE	2	33	75	6	-	-	7	0	4.6	-	1	2	*	38	28	24	-	-	7.1		
	Gorleston	5	1013.8	-24	NE	3	34	85	7	-	-	-	-	1011.3	-12	NE	4	36	75	7	-	-	0	0	-	5	2	*	37	31	30	-	-	*			
	Mildenhall	19	1013.3	-12	NE	1	32	5	5	-	-	-	-	1010.5	-14	NE	2	35	52	4	-	-	0	0	Tr	-	3	*	36	17	5	Tr	-	-	6.4		
	Cranwell	240	1014.5	-20	NE	2	23	37	2	-	-	-	-	1012.0	-16	NE	1	22	52	1	-	-	10	10	4150	3	*	33	17	9	-	-	5.0				
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1013.5	-12	ENE	3	23	57	2	5	-	-	10	10	480	4	*	32	21	16	-	-	3.4			
	Upper Heyford	408	1013.1	-14	NE	3	24	92	5	-	-	-	-	1010.2	-18	NE	3	24	92	5	-	-	5	0	2.3	-	3	*	32	22	16	-	-	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1009.2	-16	NE	2	22	57	4	5	-	-	0	3	800	4	*	31	20	10	-	-	6.1			
5	Hartland Point	299	1004.0	-26	E	5	33	85	7	-	-	-	-	1000.6	-26	E	5	31	75	6	5	-	-	2.3	2.3	4000	0	3	38	30	23	-	-	5.5			
	Bristol	209	1010.7	-22	NE	2	23	85	5	-	-	-	-	1007.3	-16	NE	3	28	85	5	5	-	-	1	1	2500	3	*	35	21	10	-	-	6.0			
	Portland Bill	32	1006.3	-20	ENE	5	40	52	8	-	-	-	-	1002.8	-20	ENE	5	38	52	7	5	-	-	10	10	2500	1	4	44	36	*	-	-	*			
	Plymouth	82	1005.2	-18	E	6	38	85	6	-	-	-	-	1001.1	-20	E	6	35	85	6	5	-	-	10	10	1500	1	4	45	35	33	-	-	6.7			
	The Lizard	240	1001.4	-24	E	6	48	92	2	-	-	-	-	997.3	-24	E	7	48	92	6	2	-	-	7.8	10	1500	0	4	46	41	*	-	-	6.7			
	Scilly (St. Mary's)	163	999.8	-16	E	6	48	85	5	-	-	-	-	996.4	-26	E	6	48	92	7	1	-	-	4.6	10	1500	1	4	47	39	*	-	-	6.4			
	Guernsey	175	1004.7	-30	ENE	2	37	85	6	-	-	-	-	1000.3	-20	ENE	3	35	85	6	8	2	-	-	9	10	2500	0	3	40	35	28	-	-	7.5		
6	Pembroke	142	1005.3	-20	ENE	6	35	48	6	5	-	-	-	1002.8	-22	E	7	34	85	7	5	-	-	7.8	7.8	1500	3	3	35	30	*	-	-	4.5			
7	Holyhead	26	1009.0	-26	ENE	6	35	73	8	-	-	-	-	1007.1	-12	E	6	35	65	7	-	-	0	0	-	3	3	*	46	31	20	-	-	6.7			
	Chester (Sealand)	16	1013.3	-18	SE	3	23	92	4	-	-	-	-	1011.1	-14	E	1	19	97	4	-	-	0	0	-	4	*	30	19	19	-	-	4.6				
8	Manchester	70	1016.7	-22	NE	1	21	65	2	-	-	-	-	1011.4	-14	E	1	18	75	2	-	-	0	0	-	8	*	36	10	5	-	-	3.0				
10	Spurn Head	29	1013.3	-20	-	0	23	97	2	-	-	-	-	1011.6	-16	NNW	2	25	97	1	-	-	10	10	4150	5	1	36	24	*	-	-	6.0				
	Catterick	175	1015.1	-18	-	0	19	85	5	-	-	-	-	1012.8	-14	-	0	25	97	3	5	-	-	9	9	1500	3	*	32	15	7	-	-	2.4			
	Tynemouth	108	1016.1	-14	WSW	2	29	85	6	8	-	-	-	1013.2	-12	N	3	36	92	6	-	-	10	10	1500	4	2	33	27	22	-	-	*				
11	St. Abbs Head	280	1015.0	-2	-	0	36	85	7	4	6	-	-	1013.0	-10	NE	3	41	75	7	8	2	-	-	4.6	10	1500	1	2	34	33	*	-	-	*		
	Leuchars	36	1015.4	-18	WNW	2	27	92	6	5	-	-	-	1013.8	-8	N	2	35	97	6	5	-	-	9	9	2500	3	*	31	24	20	-	-	0.2			
12	Renfrew (Abbots L.)	19	1016.0	-16	-	0	22	97	0	-	-	-	-	1013.3	-12	0	24	97	1	-	-	-	-	10	10	4150	3	*	32	16	17	-	-	0.0			
	Eskdalemuir	794	1012.6	-14	-	0	22	97	0	-	-	-	-	1012.6	-12	-	0	24	97	1	-	-	-	10	10	4150	3	*	33	20	12	-	-	6.3			
	Point of Ayre	30	1012.8	-14	E	4	36	75	7	-	-	-	-	1010.4	-10	NE	3	38	65	5	5	-	-	10	10	4150	4	3	38	36	*	-	-	3.6			
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1011.3	-6	E	2	35	85	8	-	-	Tr	Tr	-	3	1	40	30	18	-	-	2.1				
13B	Stornoway	80	1017.3	-12	E	4	42	85	7	5	-	-	-	1015.3	-8	E	4	40	85	7	5	-	-	7.8	7.8	4000	1	2	41	36	*	-	-	0.0			
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1016.1	-10	N	1	24	92	6	5	-	-	7.8	10	1500	8	*	26	14	11	-	-	0.0			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1014.5	-10	NE	1	37	78	6	6	-	-	9	9	1500	4	2	34	30	28	-	-	0.0			
	Wick	81	1016.6	-10	ENE	3	39	75	7	5	2	-	-	1015.2	-10	E	3	38	65	7	5	7	-	-	7.8	9	2500	1	2	43	37	*	-	-	0.0		
16	Lerwick	166	1016.7	-8	NW	4	34	75	8	7	-	-	-	1015.0	-8	NW	3	38	82	8	7	-	-	7.8	9	1500	3	*	39	32	*	-	-	0.0			
17	Blacksod Point	18	1007.5	-18	ESE	3	42	35	7	-	-	-	-	1006.5	-8	SE	2	40	35	7	-	-	10	10	4150	3	4	42	36	*	-	-	*				
18	Malin Head	84	1012.0	-20	E	3	33	75	8	-	-	-	-	1009.5	-10	SE	3	38	75	6	5	-	-	2.3	2.3	4000	3	2	40	31	*	-	-	5.5			
	Aldergrove	268	1012.2	-																																	

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 4th January 1940.
No. 28,532

OBSERVATIONS at 13h. G.M.T. 3rd January														OBSERVATIONS at 18h. G.M.T. 3rd January														PAST 24 HOURS.					
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud. (9-12)				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud. (23-26)				State of ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER. (37-40)					
				Dir. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Form. (23)			Amount. (24)	Height of Base (feet) (25)					7h.—18h. 3rd (37)	13h.—18h. 3rd (38)	18h.—to 4th (39)	1h.—7h. 4th (40)								
1	London (Kew)...	1006.0	-20	ENE	4	m	36	65	4	-	-	0	-	1006.3	+2	EN	4	m	35	85	4	-	8	0	7.8	-	8	b.c.f.c.x	c.z.x.m.x	c.m.x	c.m.		
	Croydon ...	1006.6	-22	ENE	4	z.	34	65	5	-	3	2	0	7.8	1006.1	-4	ENE	3	z.	33	82	5	-	4	0	2.5	-	7	b.c.m.f.m.	c.z.	b.b.c.f.m.	b.m.x.c.m.	
	S. Farnborough	1005.5	-26	NEE	4	m	32	75	4	-	6	0	7.8	1005.5	+2	ENE	3	m	33	85	4	-	7	8	0	10	-	4	b.c.f.m.f.c.	c.z.m.c.	c.m.b.z.c.m.	b.c.z.c.m.	
	Boscombe Down	1004.5	-22	ENE	4	z.	31	85	5	-	8	0	7.8	1004.1	0	ENE	4	z.	33	85	5	-	2	0	4.6	-	4	b.c.m.c.m.	c.m.	b.c.m.b.m.	c.i.r.m.		
	Calshot (Soton.)	1003.7	-22	NEE	4	z.	34	65	6	-	7	3	0	9	1003.9	+6	ENE	4	b.c.	36	55	6	-	7	0	2.3	-	3	c.m.	c.b.e.m.y	b.y.c.i.d.0	i.d.i.d.a.m	
	Lympne	1007.1	-14	EN	5	c	35	55	8	-	6	0	9	-	1006.8	+2	EN	4	c	34	55	7	-	7	2	0	7.8	-	3	b.c.z.c	c	c.b.b.m.	b.b.c.m.
	Manston	1007.1	-14	ESE	4	z.	36	55	6	-	6	0	7.8	1006.2	-2	ESE	5	z.	35	55	6	-	8	0	2.5	-	3	b.z.c.z.y	c.z.y	b.y.b.z.	b.z.c.m.		
2	Shoeburyness ...	1007.9	-12	EN	4	c	38	65	7	-	5	3	0	7.8	1007.4	-2	EN	5	c	37	75	7	-	6	0	9	-	3	b.c.m.z	b.c.c.	c	c	
	Felixstowe ...	1008.6	-12	E	4	c	38	75	8	-	8	9	9	1500	1007.7	0	E	4	c	39	75	7	-	9	9	2500	1	b.c.m.c	c	c.m.b.c	b.m.b		
	Gorleston ...	1010.1	-20	E'S	5	c	39	75	7	-	9	9	9	2500	1009.3	0	E	5	c	40	75	7	-	10	10	2500	1	b.b.c.c	c	c.b.c.b.g	b.g		
	Mildenhall ...	1008.7	-14	ENE	2	z.	39	92	6	-	6	0	7.8	1008.4	+2	ENE	3	z.	35	92	6	-	10	10	2500	3	b.m.b.c.m.x	b.c.m.	c.m.v.b	b.x			
	Cranwell	1010.3	-14	N	1	m	29	97	4	-	10	10	1500	1009.6	-2	NE	2	f	34	92	3	-	10	10	800	3	b.f.x.c.f.m	c.m.m.f	c.f.r.c.m.	b.m.x			
3	Birmingham	1008.8	-10	ENE	4	m	29	97	4	-	10	10	800	1008.0	-2	ENE	4	c	33	85	5	-	7	8	1500	4	Fom	c.m.c	c.b.c.c	c.b			
	Upper Heyford	1008.1	-14	ENE	3	z.	31	85	6	-	4	8	0	7.8	1007.5	-2	E'N	4	z.	31	85	5	-	7	6	9	1500	4	b.m.x.c.m.	c.m.	b.c.m.c.m.	c.m.b.c.m.	
4	Ross-on-Wye ...	1006.7	-20	NEE	3	z.	31	92	6	-	2	0	4.6	1007.0	0	NE	2	z.	31	85	6	-	1	2	3	46	800	4	c.m.c.z.	c.m.	c.b.c.c	c.c	
5	Hartland Point	1008.8	-22	NE	5	c	34	65	7	-	8	7	5	1500	1008.4	-4	E	6	r.r.	35	75	6	-	4	6	1500	6	b.c.c	c.r.r	c.r.r	c		
	Bristol ...	1005.1	-22	ENE	4	z.	31	85	6	-	8	7	8	2500	1005.2	+4	ENE	4	z.	31	85	6	-	2	3	4000	3	b.b.c.c.m.x	c.m.b.c.m.x	b.c.b.b.m.x	b.c.m.x		
	Portland Bill ...	1000.9	-16	ESE	5	c	38	52	7	-	10	10	2500	1000.9	-4	E	5	r.r.	38	52	7	-	10	10	2500	1	c	c	c	c			
	Plymouth	1005.1	-14	E	6	z.	39	75	6	-	1	8	10	1500	1005.3	+10	E'N	6	c	37	85	6	-	9	10	800	1	c.m.o	c.z.c.m.o	c.m.	c.m.o.m.		
	The Lizard	1007.1	-2	E	7	r.r.	44	52	6	-	9	10	1500	1008.0	+20	E	6	r.r.	45	57	6	-	9	10	1500	1	c.p.r.r	c.d.m.r.r	c	c.i.d.m			
	Scilly (St. Mary's)	1005.3	-10	E	6	r.r.	46	85	6	-	10	10	1500	1006.1	+10	E'S	5	c	46	92	6	-	10	10	1500	1	c.i.r.	c.i.r.	c.r.c	c.r.c.i.r			
	Guernsey	1008.1	-12	E	2	r.r.	39	97	6	-	10	10	1500	1008.1	+2	E	2	c	41	97	6	-	10	10	1500	1	c.i.r.	r.r.d.	c.i.r.	c.i.r.			
6	Pembroke	1000.6	-20	E	7	b.c.g	37	97	7	-	7	2	3	1500	1001.5	+4	E'S	7	c.g	36	65	7	-	6	7	1500	1	c.b.c.g	b.c.c.g	b.c.c.g	c.g		
7	Holyhead	1005.8	-4	ENE	7	b.c.	37	55	9	-	4	6	0	4.6	1005.7	+2	ENE	7	b.c.	36	85	6	-	3	0	15	3	b.x.b.c	y.m.b.c	b.m.b.c	b.c		
	Chester (Sealand)	1009.5	-14	ESE	1	b.c.f	37	85	3	-	6	0	4.6	1009.1	-2	ESE	2	m	36	75	4	-	10	10	2500	4	b.e.f.x	b.e.f.x.m.x	c.g.b.c.m.x	c.m.b.z.c			
8	Manchester	1008.4	-18	E	4	z.	36	65	5	-	9	9	2500	1009.5	+2	ENE	2	m	37	85	4	-	9	9	2500	4	b.f.f.c.m	c.z.	b.z.c.z.c	b.c.m.b.c			
10	Spurn Head	1010.3	-10	ESE	2	b.c	40	75	6	-	2	3	4.6	2500	1009.8	-2	E	5	c	39	85	7	-	9	9	800	1	f.f.c	i.r.c	c	c		
	Catterick	1011.2	-14	NE	1	d.f	34	97	3	-	10	10	1500	1011.0	-2	ENE	1	z.	35	85	6	-	9	10	2500	1	x.o.f.i.d.	o.f.i.d.c.m.	c.m.b.m.x	b.x.m.c.m.			
	Tynemouth	1012.9	-8	E	4	c	42	85	8	-	9	9	2500	1012.4	0	E	4	c	40	75	8	-	9	9	2500	1	c.p.c	c.p.c	c.p.c	c			
11	St. Abbs Head	1012.6	-10	NE	3	c	35	65	8	-	7	8	9	2500	1012.0	0	SSE	3	c	35	75	8	-	4	6	7	0	3	c	c	c	c	
	Leuchars	1013.3	-8	NE	1	c	37	92	9	-	9	9	4000	1012.8	-2	E	2	c	39	65	8	-	10	10	4000	3	c.i.d.p.h.c	c	p.c	p.c			
12	Renfrew (Abbots L.)	1012.9	-10	ENE	3	m	37	92	4	-	9	9	2500	1012.6	+2	ENE	2	m	36	85	4	-	9	9	2500	3	o.f.f.c.m	c.m.b.c.m.c.m	c.m.f.f.c	b.c.b.r.f.f.c			
	Eskdalemuir	1011.4	-12	ENE	4	b.c	36	92	7	-	2	3	2500	1011.8	0	EN	2	c	33	85	7	-	10	10	800	1	d.o.d.c	b.c.c	c	c			
	Point of Ayre	1009.0	-12	E'S	4	b.c	42	85	8	-	5	1	2500	1008.9	+2	SE'S	3	c	41	85	7	-	7	8	1500	0	b	b	c	c			
13A	Three ...	1010.7	-10	ESE	3	b.c	41	85	8	-	4	6	4.6	2500	1009.8	0	ESE	4	b.c	39	85	8	-	2	3	4000	3	b.c	b.c	b.c	b.c		
13B	Stornoway	1012.3	-12	SE	3	c	42	75	8	-	6	4	6	4000	1011.7	-6	ESE	2	c	41	65	8	-	7	8	9	4000	1	c	c	c	c	
15	Dalwhinnie	1014.0	-8	S	2	c	32	92	7	-	6	4	6	2500	1012.5	-10	S	3	c	32	92	7	-	4	6	2500	8	c.i.f.c	c	c	c		
	Aberdeen	1013.9	-10	ESE	1	c	39	85	6	-	9	9	4000	1013.5	-2	NW	1	m	35	85	8	-	9	9	2500	4	c.c.z.y	c.y.c.z	c.o.f.c.z	c.i.r.b.c			
	Wick	1014.3	-10	E	3	c	39	85	8	-	7	8	9	2500	1012.9	-6	SE	3	c	40	65	7	-	7	8	9	2500	1	c.y	c	c	c	
	Lerwick...	1014.3	-8	NW'N	3	b.c	36	75	8	-	7	4	6	1500	1014.3	0	NE	1	b.c	33	85	8	-	7	4	6	1500	3	c.b.c	b.c	b.c	b.c	
17	Blacksod Point...	1004.7	-20	EN	6	c	39	65	7	-	4	0	7.8	1004.4	0	EN	4	b.c	37	85	7	-	3	0	4.6	-	0	4	b.c.g	b.c.g	c	b.c	
18	Malin Head	1008.8	-8	SE	3	b.c	41	75	8	-	5	2	3	4.6	1008.4	+4	S	2	c	41	75	8	-	7	8	7	5700	0	b.c.b.c	c	c	c	
	Aldergrove	1008.7	-16	ENE	4	b	39	75	7	-	1	1	1500	1008.1	-2	E'S	3	z.	39	85	6	-	9	9	2500	1	b	b.b.c.m.c.m.	c.m.c.z.	c.z.c.g.b.x			
19	Birr Castle	1004.6	*	N	3	c	36	75	8	-	5	4	6	2500	1004.1	*	ENE	2	b.c	34	75	8	-	4	0	2.3	-	3	c	c.b.c	b	b.c.c	
20	Valentia Obsy. †	1003.3	-8	ENE	4	c	44	45	8	-	3	2	4.6	5700	1003.4	+10	NEE	3	c	43	55	8	-	7	2	3	5700	0	b.c.y.c.y	c.y	c.y.c	c.b.c	
	Roches Point	1000.4	-16	E	5	c	43	55	8	-	3	5	0	7.8	1000.4	+4	E	6	c	42	65	8	-	5	2	3	7.8	2500	1	c.y	c	c.i.r.c	i.d.c

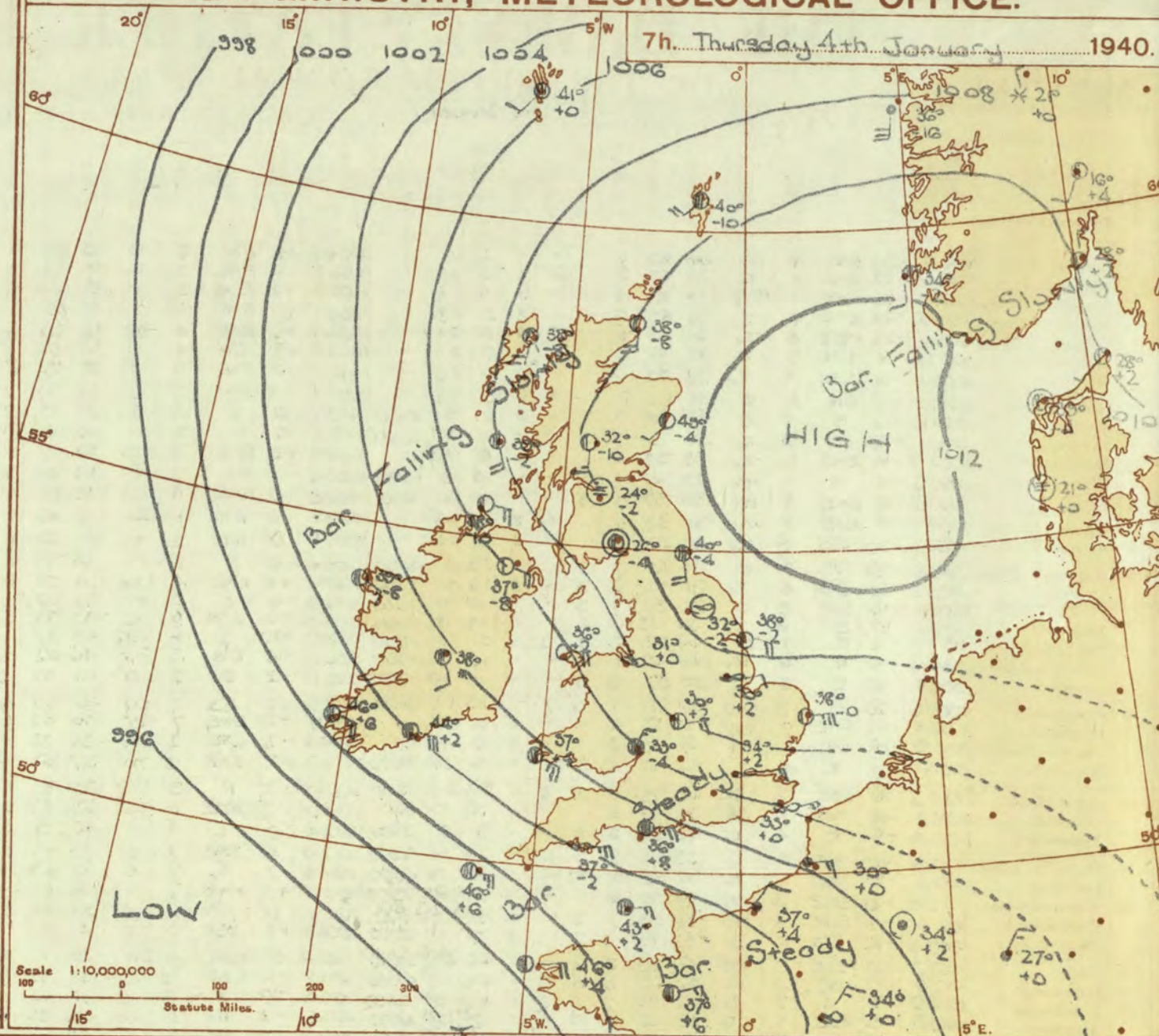
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220-1100 yds.
F, thick fog, less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 4th January 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th January 1940.
1 S.E. England	Wind east, becoming southeast; moderate; cloudy with occasional light rain locally, less cold than of late.
2 E. England ...	
3 E. Midlands ...	Wind east, becoming southeast; moderate; cloud increasing today, with occasional light rain locally later; less cold than of late.
4 W. Midlands ...	
5 S.W. England	As 1.
6 South Wales ...	
7 North Wales ...	As 2 - 4.
8 N.W. England	
9 N. Midlands ...	Wind southeast to south, moderate; fair with variable cloud, but occasional showers of rain or sleet on east coast; cold with frost night and morning and local fog.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind south to southwest, moderate; mainly fair; rather cold, with frost inland night and morning, but becoming less cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	Wind east to southeast; moderate; fair; rather cold.
19 S. E. Ireland	
20 S. W. Ireland	As 1.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression over the Bay of Biscay is filling up and a weak anticyclone over the North Sea is moving slowly southeastwards. Pressure is low and falling in the Iceland region and between Greenland and Norway. There will be occasional light rain in the South. It will be generally less cold than of late, but frost will persist night and morning in Scotland and Northern England.

FURTHER OUTLOOK.

Becoming milder slowly; less settled in the Northwest.

Forecasts issued at 11.30 G.M.T.

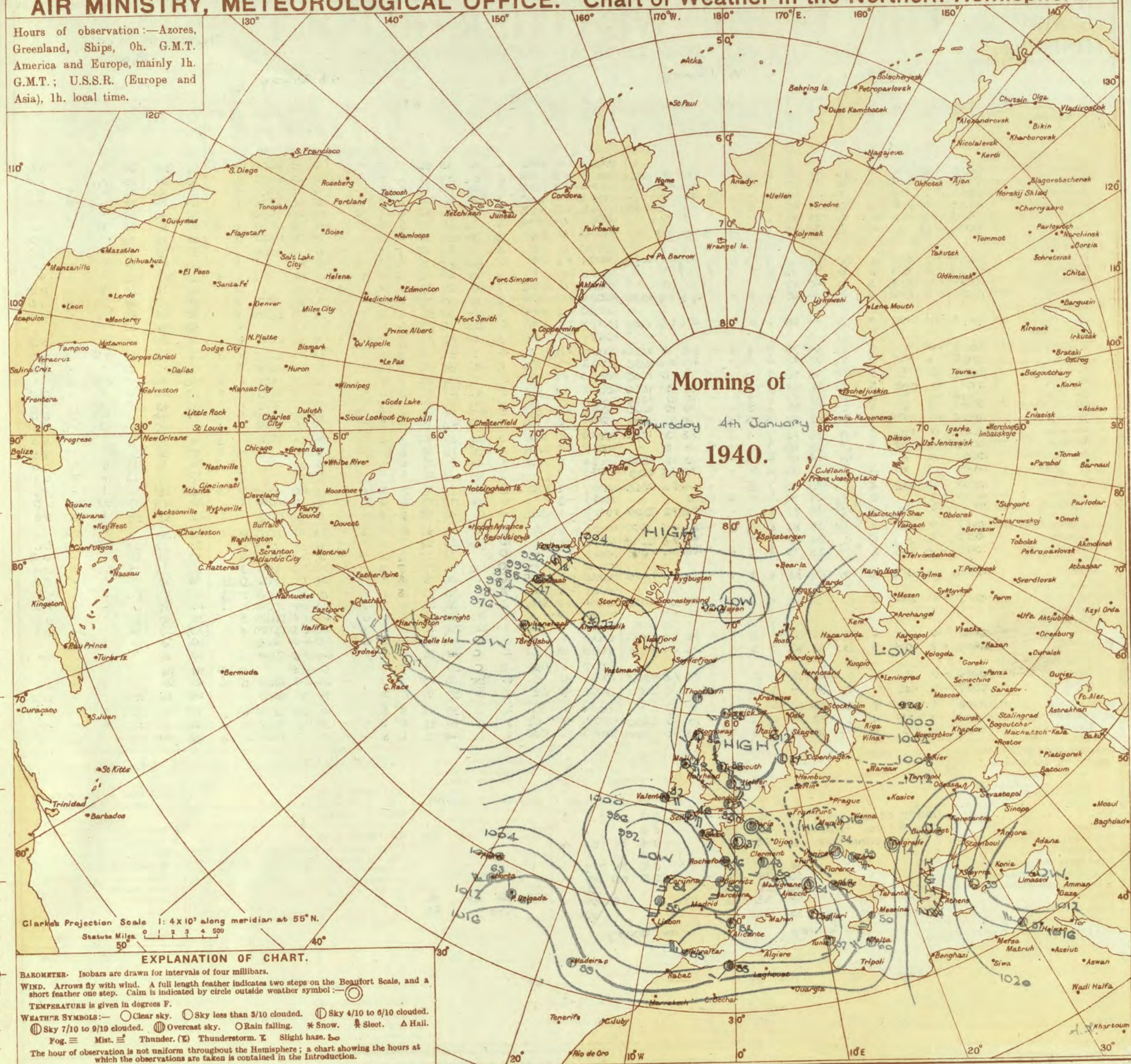
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E. 1.

2474-3PDS W. 8/105 D4628. Gp 548 1/40

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

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 4th January 1940.

N28,532

OBSERVATIONS at 1 hr. G.M.T. 4th January														OBSERVATIONS at 7 hr. G.M.T. 4th January														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. %	Visibility.	Cloud.					Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE Hrs.			
					Dir.	Force.					Low.	Med.	High.	Low.	Total.			Height of Base (feet).	Dir.					Force.	Low.	Med.	High.	Low.			Total.	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	1006.0	-4	ENE	3	3	33	85	6	5	Tr	Tr	2500	1006.2	+2	ENE	4	3	34	85	5	5	5	5	10	10	2500	8	36	34	30	-	-	0.0				
	Croydon ... 217	1006.0	-4	ENE	3	3	33	85	6	5	Tr	Tr	2500	1006.2	+2	ENE	4	3	34	85	5	5	5	5	10	10	4000	8	35	32	28	-	-	0.0				
	S. Farnborough ... 226	1005.5	-2	ENE	4	4	33	85	5	5	Tr	Tr	1500	1005.6	+2	ENE	2	2	35	85	5	5	5	5	10	10	4000	4	35	33	31	-	-	0.0				
	Boscombe Down ... 417	1004.4	-2	ENE	3	3	33	85	5	5	Tr	Tr	0	1004.3	-4	ENE	5	3	34	92	5	5	5	5	10	10	2500	4	33	31	29	-	Tr	0.0				
	Calshot (Stmntn.) ... 8	1003.9	-4	ENE	3	3	35	85	6	5	10	10	4000	1004.3	+2	NEE	3	3	36	85	6	5	2	2	10	10	1500	1	37	35	34	-	Tr	0.0				
	Lympne ... 346	1006.2	-8	ENE	4	4	32	85	6	5	0	0	0	1006.1	0	ENE	3	3	33	92	6	5	5	5	10	10	1500	3	35	31	29	Tr	Tr	1.8				
	Manston ... 154	1005.6	-10	E	4	4	34	75	6	5	3	5	0 2-3	1006.0	0	ESE	3	3	36	85	6	5	5	5	9+	5+	1500	0	38	33	29	-	-	0.0				
2	Shoeburyness ... 11	1007.7	-2	SSW	4	4	38	75	7	5	2-3	2-3	1500	1007.5	0	E	4	4	37	85	7	5	5	5	10	10	1500	3	39	35	27	-	-	2.7				
	Felixstowe ... 15	1007.7	-2	SSW	4	4	38	75	7	5	2-3	2-3	1500	1007.1	+2	NE	3	3	37	75	7	5	3	3	0	2-3	-	1	2	33	37	31	-	-	0.0			
	Gorleston ... 5	1005.2	-6	EN	6	6	38	75	7	5	4	4	0	1005.1	0	E	6	6	38	75	6	5	4	4	0	Tr	-	1	4	40	37	35	-	-	0.0			
	Mildenhall ... 19	1008.1	-6	ENE	3	3	40	97	7	5	0	0	0	1008.1	0	ENE	2	2	39	97	7	5	5	5	0	Tr	-	3	36	28	22	Tr	Tr	0.0				
	Cranwell ... 240	1005.8	-2	ENE	3	3	34	85	5	5	7-8	7-8	1500	1005.8	+2	ENE	2	2	30	97	5	5	5	5	Tr	Tr	800	3	34	29	24	Tr	Tr	0.0				
3	Birmingham ... 535	1007.6	+4	ENE	3	3	34	85	6	5	4-6	4-6	1500	1008.0	+2	ENE	3	3	36	85	6	5	5	5	2-3	2-3	2500	4	33	30	26	-	-	0.0				
	Upper Heyford ... 408	1007.6	+4	ENE	3	3	34	85	6	5	4-6	4-6	1500	1007.5	-2	ENE	4	4	36	85	6	5	5	5	2-3	2-3	-	4	32	29	25	-	-	0.0				
4	Ross-on-Wye ... 223	1007.1	-4	NE	3	3	33	97	7	5	10	10	1500	1007.1	-4	NE	3	3	33	97	7	5	5	5	10	10	1500	4	31	30	26	-	-	0.3				
5	Hartland Point ... 299	1000.8	+6	E	5	5	34	75	7	8	2	2	7-8 10	1002.0	+8	E	4	4	34	85	7	5	5	5	7-8	7-8	2500	3	36	32	31	0.5	2	0.0				
	Bristol ... 209	1005.5	-6	ENE	3	3	31	85	5	5	4-6	4-6	1500	1003.3	-2	ENE	2	2	34	85	6	5	5	5	10	10	1500	3	32	30	25	-	-	0.2				
	Portland Bill ... 32	1002.0	0	E	5	5	36	92	7	5	10	10	1500	1003.3	+8	E	5	5	36	92	7	5	5	5	10	10	1500	1	40	34	30	0.5	1	0.0				
	Plymouth ... 82	1001.7	+2	ENE	5	5	36	85	6	5	9+	9+	1500	1002.2	-2	ENE	5	5	37	92	5	5	5	5	10	10	800	1	39	38	34	2	-	0.0				
	The Lizard ... 240	993.4	+4	E	5	5	36	97	6	5	10	10	1500	1000.2	0	E	5	5	36	97	6	5	5	5	10	10	800	1	45	43	39	2	1	0.0				
	Scilly (St. Mary's) ... 163	998.1	+2	E	5	5	36	97	6	5	10	10	1500	999.3	+6	E	5	5	36	97	6	5	5	5	10	10	1500	1	46	46	46	0.2	2	0.0				
	Guernsey ... 175	1000.4	+2	EN	2	2	42	97	5	5	10	10	800	1001.1	+2	EN	3	3	43	97	5	5	5	5	7-8	10	800	1	41	40	39	3	0.1	0.0				
6	Pembroke ... 142	1002.2	0	ESE	5	5	38	75	7	5	2	2	7-8 5	1004.0	+4	ESE	5	5	37	85	7	5	5	5	9+	9+	1500	1	38	34	31	-	-	0.0				
	Holyhead ... 26	1005.3	-2	EN	5	5	37	85	7	5	0	0	0	1005.3	+2	EN	4	4	37	85	8	5	5	5	0	0	-	3	37	35	31	-	-	2.5				
	Chester (Sealand) ... 16	1008.7	-4	E	1	1	34	85	4	5	10	10	2500	1008.8	0	E	1	1	31	97	6	5	5	5	0	0	-	4	36	31	23	Tr	Tr	0.0				
8	Manchester ... 70	1005.2	-2	E	3	3	37	75	6	5	7-8	7-8	1500	1005.3	-2	E	2	2	32	75	5	5	5	5	0	0	-	4	37	31	19	-	Tr	0.2				
10	Spurn Head ... 29	1003.8	-4	ESE	4	4	33	75	7	5	4-6	4-6	2500	1003.7	-2	ESE	4	4	32	75	7	5	4	4	4-6	4-6	4000	0	36	38	29	19	0.1	0.1	0.0			
	Catterick ... 175	1011.3	-2	E	4	4	33	92	7	5	4	4	0	1010.7	-2	E	4	4	32	92	7	5	5	5	10	10	4000	1	36	38	29	19	0.1	0.1	0.0			
	Tynemouth ... 108	1012.3	-6	SE	4	4	38	92	7	2	7-8	7-8	2500	1011.7	-4	SSE	4	4	40	85	8	8	5	5	9	9	2500	1	42	38	33	1	0.2	0.0				
11	St. Abbs Head ... 280	1011.7	-6	S	3	3	35	85	8	3	6	6	4-6 4-6	1011.4	-2	S	2	2	36	85	8	8	2	2	7-8	10	2500	0	41	35	30	-	-	0.4	0.0			
	Leuchars ... 36	1011.3	-8	0	0	0	34	92	8	5	7-8	7-8	2500	1011.4	-2	0	0	33	92	7	5	5	5	9+	9+	2500	1	39	32	29	0.3	0.3	0.0					
	Renfrew (Abbots L.) ... 19	1011.7	-10	ENE	2	2	35	75	4	5	7-8	7-8	4000	1011.2	-2	0	0	34	97	2	5	5	5	9	9	4000	3	37	23	15	-	-	0.0	0.0				
	Eskdalemuir ... 794	1008.6	-4	SE	6	6	40	85	8	1	7-8	10	1500	1011.0	-4	0	0	26	97	7	5	5	5	2-3	2-3	800	3	37	25	19	0.1	-	2.1	0.0				
	Point of Ayre ... 30	1008.6	-4	SE	6	6	40	85	8	1	7-8	10	1500	1007.9	-2	SE	6	6	40	75	8	8	5	5	9+	9+	1500	0	44	38	34	-	-	5.8	0.0			
13A	Three ... 22	1011.3	-10	SW	2	2	36	92	7	5	4-6	9	2500	1008.1	-2	SE	4	4	39	75	8	5	5	5	9	9	2500	0	41	37	34	-	-	3.7	0.0			
13B	Stornoway ... 80	1011.3	-10	SW	2	2	36	92	7	5	4-6	9	2500	1010.4	-8	SW	2	2	38	85	7	5	2	2	2-3	10	2500	1	42	34	34	-	-	1.6	0.0			
15	Dalwhinnie ... 1176	1011.3	-10	SW	2	2	36	92	7	5	4-6	9	2500	1011.4	-10	S	3	3	38	92	7	4	6	6	4-6	4-6	2500	8	33	30	25</							

MINISTRY.

THE METEOROLOGICAL DEPARTMENT.

OBSERVATIONS at 13h. G.M.T.

4th January

OBSERVATIONS at 18h. G.M.T.

4th January

PAST 24 HOURS.

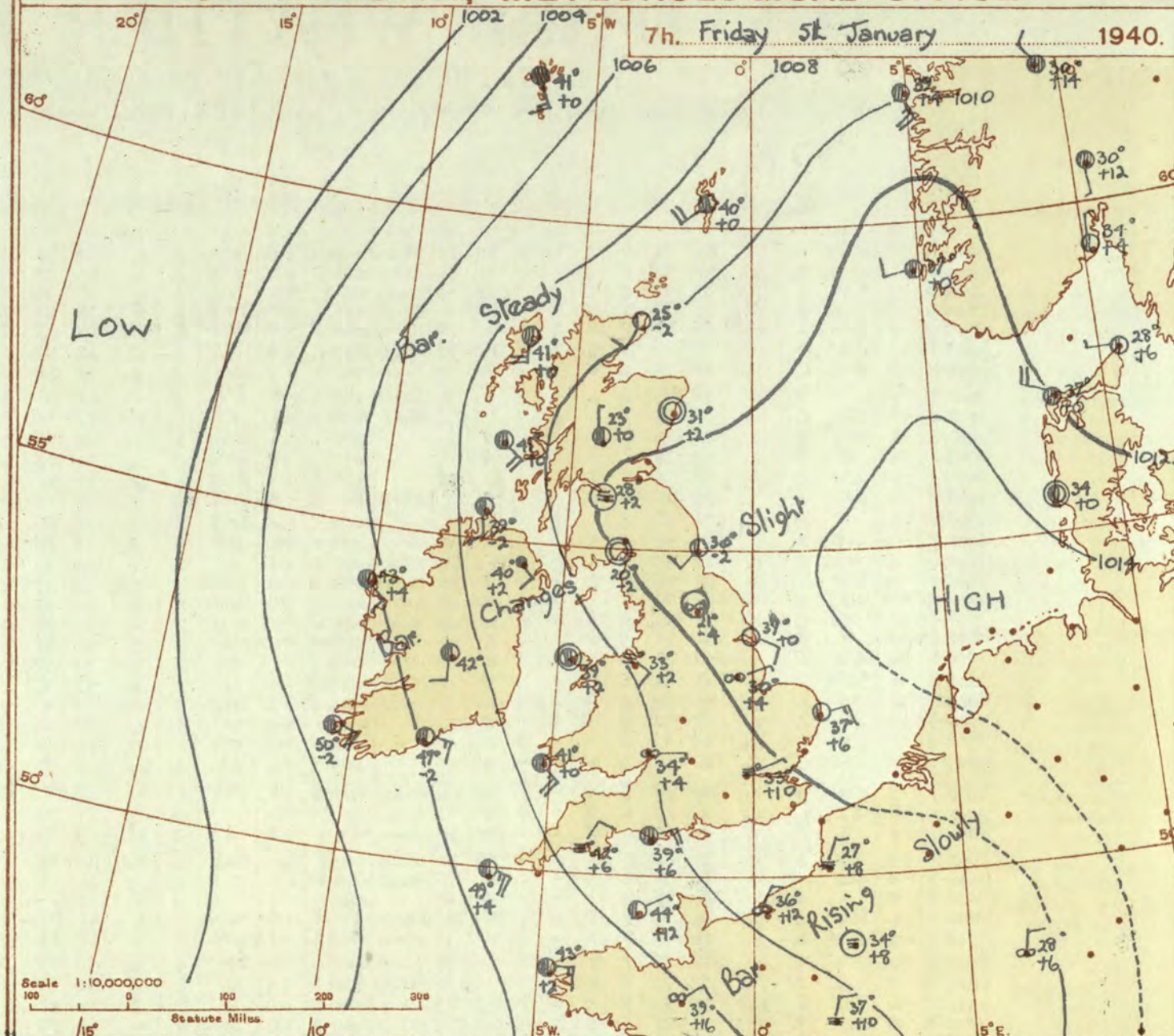
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	% Humid. (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	°Temp. (20)	%Humid. (21)	C Visibility (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.					
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Med. (10)	High (11)	Low (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Direc. (17)					Force 0-12 (18)	Form. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 4h. (37)	13h.—18h. 4h. (38)	18h.—to 5h. 1h. (39)	1h.—7h. 5h. (40)
1	London (Kew)...	1006.6	-6	ENE	4	m	39	75	4	S	-	-	9	9	2500	1008.1	+6	E'N	3	C	38	85	4	S	-	-	10	10	2500	1	*	cfcz	czcm	cm	cmo
	Croydon ...	1006.7	-6	ENE	3	zo	37	85	5	S	-	-	9	9	2500	1007.7	+2	E'N	2	C	36	92	4	S	-	-	7-8	10	1500	1	*	cmo	cmom	cmmmr	bcbcmr
	S. Farnborough	1006.4	-6	ENE	2	zo	38	75	5	S	-	-	10	10	4000	1007.7	+8	NE	2	F	37	85	4	S	-	-	10	10	1500	1	*	cmozo	Zoc	mfmirc	mfc
	Boscombe Down	1006.2	-2	ENE	3	ido	35	92	5	S	-	-	10	10	800	1007.5	+10	NE'E	2	F	36	92	3	S	-	-	10	10	450	4	*	pido	odobnf	omido	mcdmrm
	Calshot (Soton.)	1005.5	0	ENE	2	%d	38	92	5	S	2	-	9	10	1500	1006.5	+4	NE'E	2	Zo	39	85	6	S	-	-	10	10	1500	1	2	oidmo	oidomo	ormgdm	mcddgm
	Lympe	1007.2	-2	ENE	2	zo	37	85	5	S	7	-	7-8	9	2500	1009.1	+4	NE'E	3	Zo	35	85	5	S	-	-	10	10	1500	1	3	cmo	cmopm	cmabpm	bmex
	Manston	1006.8	-4	ESE	3	zo	37	72	6	S	-	-	9-8	9	1500	1007.9	+4	ESE	2	Zo	37	85	5	S	-	-	10	10	4000	0	3	bcmo	cmo	CZobmo	bmox
2	Shoeburyness ...	1007.7	-6	E'N	3	c	39	85	6	S	-	-	9	9	2500	1008.4	+4	E'N	3	C	38	92	6	S	-	-	9	9	1500	1	*	cmo	cmo	cmox	bcmx
	Felixstowe	1008.0	-2	E'N	3	bc	39	75	7	S	3	-	2-3	2-3	5700	1008.3	+8	E	3	bo	39	75	7	S	-	-	2-3	2-3	4000	1	2	b,cbc	bcobc	cmobmo	bmox
	Gorleston	1010.2	0	ENE	5	b	39	75	7	-	-	-	0	0	-	1010.2	0	E'N	5	bo	39	75	7	-	-	0	0	-	1	4	bq	bcobc	cmobmo	bzo	
	Mildenhall	1008.2	-10	E	4	b	40	75	7	-	-	1	0	Tr	1009.3	+8	NE'E	3	Zo	31	97	6	-	7	-	0	Tr	-	3	*	bxbmx	b	bcb	bcb	
	Cranwell	1009.7	-10	E'N	3	b	37	75	8	-	-	-	0	0	-	1010.2	+2	ENE	2	Zo	31	92	6	-	-	0	0	-	3	*	bmxz	bbmo	bcbxcmo	cbxcmo	
3	Birmingham	1008.7	-2	E	3	-	34	85	4	S	-	-	9	9	2500	1009.8	+6	ENE	2	Zo	33	85	5	-	7	-	0	2-3	-	4	*	bccz	cbcx	bcc	cbcxpm
	Upper Heyford	1007.9	-8	E	4	zo	35	85	6	-	-	-	0	1	-	1009.1	+6	ENE	3	Zo	33	85	6	S	4	-	7-8	7-8	2500	1	*	bcm,bcmo	cmo	cmo	cdmo
4	Ross-on-Wye ...	1007.7	-6	NE	2	c	34	85	6	S	-	-	10	10	1500	1008.9	+8	NE	2	Zo	35	85	6	S	-	-	10	10	800	4	*	oco	omo	omo	omo
5	Hartland Point	1004.0	-6	NE	2	c	37	85	7	S	6	-	4-6	7-8	2500	1005.2	+4	E	3	C	36	92	7	S	7	-	4-6	9	2500	0	2	c	c	cbcc	bcbcb
	Bristol ...	1007.1	-4	ENE	2	zo	34	85	6	S	-	-	10	10	1500	1008.2	+10	E	2	ro	34	97	5	S	-	-	10	10	800	1	*	cmoxfs	cmomox	cmoxfs	cmox
	Portland Bill	1004.4	+4	ENE	5	c	39	92	7	S	-	-	10	10	2500	1005.7	+6	ENE	5	o	40	92	7	S	-	-	10	10	2500	1	4	o	o	o	oozo
	Plymouth	1004.0	+4	E'N	4	zo	39	85	6	S	-	-	10	10	800	1005.6	+14	E'N	2	m	40	92	4	S	-	-	10	10	800	1	2	cmomco	cmo	cmom	cmom
	The Lizard	1002.7	+4	E	5	df	45	97	2	S	-	-	10	10	800	1004.0	+10	E	5	df	44	97	2	S	-	-	10	10	800	1	3	idfm	idfm	idfm	mff
	Scilly (St. Mary's)	1001.6	+6	E'S	5	c	47	92	6	S	-	-	10	10	1500	1002.9	+12	E	4	df	47	97	4	S	-	-	10	10	1500	1	3	cp	cmom	om	om
	Guernsey	1002.8	0	E'N	2	c	46	92	6	S	-	-	10	10	1500	1004.1	+10	E	1	bc	45	97	5	S	-	-	4-6	4-6	1500	1	3	o	o	bcco	oebc
6	Pembroke	1005.3	0	SE	6	bc	40	92	6	S	-	-	10	10	1500	1006.0	+2	SE'E	4	cq	39	97	5	S	2	-	7-8	10	1500	1	3	m,qc	cmo	moc	cmo
7	Holyhead	1006.9	+2	E'N	3	b	41	75	8	-	4	-	0	Tr	-	1007.1	+10	SE	2	C	39	85	5	S	-	-	10	10	2500	1	1	xb	bcbmac	cmoc	cmoc
	Chester (Sealand)	1008.8	-14	ESE	2	zo	38	75	5	-	-	-	0	0	-	1009.5	+18	E'N	1	Zo	33	85	5	S	-	-	2-3	2-3	2500	4	*	bz,bcmo	bcbzobcmo	b,cmox	bcmoxcm
8	Manchester	1009.4	-10	ESE	3	zo	38	65	6	-	-	-	0	0	-	1009.9	+6	E'N	3	cf	36	75	4	S	-	-	10	10	4000	4	*	bm,mzo	bzoffcz	bz zo	bzo, czo
10	Spurn Head	1010.7	-2	ESE	4	bc	40	65	8	4	-	-	4-6	4-6	4000	1010.8	+2	ESE	4	f	38	75	8	-	-	0	0	-	0	3	c	bcb	bcb	bcb	
	Catterick	1010.9	-8	S'E	1	zo	40	75	6	5	-	-	Tr	Tr	4000	1011.7	+6	-	0	bo	27	92	5	S	-	-	Tr	Tr	4000	3	+	m,bcbmo	bmbf	fj bmx	bmxmo
	Tynemouth	1011.7	-6	S	c	40	85	6	8	-	-	-	9	9	2500	1012.4	+4	S	3	bc	37	85	5	2	-	-	2-3	2-3	2500	1	2	c	cbc	bcm	bcm
11	St. Abbs Head	1010.9	-4	SSE	3	c	39	65	8	8	6	-	7-8	9	2500	1010.8	0	SSW	3	bc	34	85	7	4	-	-	2-3	2-3	2500	0	2	c	cbcb	b	b
	Leuchars	1010.9	-8	SSE	1	c	38	75	8	5	-	-	9	9	4000	1010.8	+2	-	0	bo	31	85	7	-	-	-	0	0	-	5	*	cxmxc	c,b	bx	bx
12	Renfrew (Abbots L.)	1010.9	-6	-	0	bf	26	97	2	-	-	-	0	0	-	1011.1	-4	-	0	bf	23	97	2	-	-	-	0	0	-	3	*	c,bffx	bffx	bfffx	FFffx
	Eskdalemuir	1010.1	-6	SE'E	3	b	36	75	8	5	-	-	Tr	Tr	2500	1011.4	+6	NNW	1	b	25	92	8	-	-	-	0	0	-	3	*	bxb	bx	bx	bx
	Point of Ayre	1008.4	-2	SSE	6	b	40	75	7	1	-	-	1	1	2500	1008.6	+2	SE'S	5	b	39	85	7	S	-	-	1	1	2500	0	4	bcb	bcb	bcb	bcb
13A	Tiree	1007.6	-6	SE'S	4	c	39	85	7	5	-	-	9	9	2500	1007.6	0	SE	4	c	40	85	7	S	-	-	9	9	2500	0	3	c	c	c	c
13B	Stornoway	1010.6	-2	SW	3	o	33	75	8	5	7	-	7-8	9	4000	1010.5	+4	S	3	c	40	65	7	5	7	-	7-8	9	4000	1	2	bc	c	c	c
15	Dalwhinnie	1010.3	-16	SW	5	bc	32	92	7	4	6	1	2-3	2-3	2500	1010.5	0	S	3	b	30	97	7	4	-	-	1	1	2500	8	*	cbc	cb	bc	bcc
	Aberdeen	1010.8	-10	SW	2	%rs	37	85	5	5	3	-	7-8	7-8	1500	1010.9	+2	S	2	m	37	85	4	S	-	-	10	10	1500	4	2	crs	croc	czcbcb	bzo
	Wick	1009.3	-10	SSW	3	bc	38	75	8	8	6	-	2-3	4-6	2500	1009.0	0	SSW	2	bc	33	85	7	5	4	1	2-3	4-6	2500	1	1	bc	boobc	bc	bcb
16	Lerwick	1009.0	-6	SSW	4	c/pr	40	85	8	8	7	-	4-6	10	800	1009.4	+4	SW	4	c	41	75	8	8	7	-	7-8	10	1500	1	*	cpro	c	c	c
17	Blacksd Point...	1004.1	+6	E'S	4	c	41	85	7	-	7	-	0	9	-	1004.7	+6	ESE	1	c	41	92	7	-	7	-	0	10	-	0	2	c	c	c	c
18	Malin Head	1006.6	-6	SE	5	bc	40	65	8	5	-	2	2-3	4-6	5700	1006.9	+4	S	4	c	37	75	8	5	4	-	4-6	7-8	5700	0	*	bxcmbc	bc,mobmo	bmobmo	cdmo
	Aldergrove	1007.4	-6	ESE	3	bc	41	75	7	5	-	-	2-3	2-3	2500	1007.8	+6	ESE	3	zo	36	85	6	-	-	-	0	0	-	1	*	bxcmbc	bc,mobmo	bmobmo	cdmo
19	Birr Castle	1005.3	0	S	2	c	41	75	8	5	-	-	9	9	1500	1005.8	*	SSE	1	c	39	85	7	S	-	-	10	10	2500	1	*	c	c	c	c
20	Valentia Obsy. †	1002.3	+6	E'N	4	zo	47	85	6	5	-	-	10	10	1500	1003.2	+10	E'S	4	c	48	85	7	S	-	-	9	9	1500	0	3	cz	czoc	cmo	cmo
	Roches Point	1014.1	0	E	5	iro	45	92	6	6	2	-	4-6	9	800	1005.1	+8	E	4	c/d	45	92	7	S	-	-	9	9	800	1	4	idoro	czdc	circ	circ

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.	COLUMNS 9, 23.—FORM OF LOW CLOUD.	COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.	COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.
b, blue sky (not more than a quarter covered with cloud). bc, sky partly cloudy (one half covered). c, generally cloudy. d, drizzle. e, wet air. g, gloom. f, fog, visibility 220–1100 yds. F, thick fog „ less than 220 yds. fs, low fog over sea (coast station). fg, low fog over land (inland station). m, mist, visibility 1100–2200 yds. h, hail. i, intermittent. jf, fog at a distance, but not at station. jp, precipitation within sight of station. ks, storm of drifting snow. k/s, slight storm of drifting snow (generally low). k/S, heavy storm of drifting snow (generally low). s/k, slight storm of drifting snow (generally high). S/k, heavy storm of drifting snow (generally high). KQ, line squall. l, lightning. o, overcast sky. p, passing showers.	q, squalls. r, rain. s, snow. rs, sleet. t, thunder. u, ugly, threatening sky. v, unusual visibility. w, dew. x, hoar frost. y, dry air. z, dust haze: the turbid atmosphere of dry weather. h(r), “hail” or “rain and hail.” Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r, slight rain. rr, continuous rain. <, less than (for cloud height). \searrow gale. ☉ Solar halo. ☾ lunar halo. ☄ Aurora. With present weather is combined, whenever possible, the general character of the weather. A “solidus” divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain: —, has decreased; +, has increased.	0 No low clouds. 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.	0 No medium clouds. 1 Typical As (thin). 2 Typical As (thick) (sun or moon invisible), or Nimbostratus (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.
	COLUMNS 12, 13, 26, 27. Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 13, 27. 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: similarly for other grouped entries. “tr” signifies a small amount of cloud (trace) covering less than 1/20 of the sky. “9+” signifies an overcast sky with a few small openings. † Sea disturbance reported from Dungeness.	Cloud form abbreviations:— Cirrus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Altopumulus,—Ac: Altostratus,—As: Stratocumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb.	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 Cs predominating, and a little cirrus. (Cs may occur with any of the types 1 to 8).
		COLUMN 29—STATE OF GROUND. 0 .. Ground dry. 1 .. “ wet. 2 .. “ flooded. 3 .. “ frozen hard and dry. 4 .. “ partly covered with snow or hail. 5 .. “ covered with ice or glazed frost. 6 .. “ covered with thawing snow.	7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen. 8 .. “ covered with snow, less than 6 ins., but ground frozen. 9 .. “ covered with snow greater than 6 ins. deep. - .. Fresh snow has fallen in the mountains.

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th January, 1940.
1 S.E. England	Wind east to southeast, light or moderate; fine today except for cloud in the West; fairly widespread fog developing tonight; cold, with frost night and morning.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind east to southeast, moderate; cloudy with occasional light drizzle locally, improving slowly; rather cold.
6 South Wales ...	
7 North Wales ...	Wind southeast to south, light or moderate; generally fine, with fog developing locally tonight; cold, with frost night and morning.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind south, moderate; cloudy with occasional light drizzle locally; rather cold.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland. B.N.W. Scotland.	Wind south, light to moderate; fine; cold, with frost night and morning.
14 Mid Scotland	
15 N.E. Scotland	Wind southwest, moderate; fair; rather cold.
16 Orkneys and Shetlands	
17 N.W. Ireland	Wind southeast to south, moderate; cloudy with occasional light drizzle locally; becoming milder.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is low to the west of the British Isles, and a ridge of high pressure covers the North Sea. Weather will be fine in Eastern districts today, with fog developing fairly generally tonight. It will be cloudy in Western districts with occasional light drizzle locally. It will be generally rather cold, with frost generally night and morning except in Ireland, Wales, West Scotland and Southwest England.

FURTHER OUTLOOK.

Remaining cold in the East; becoming slowly milder in the West.

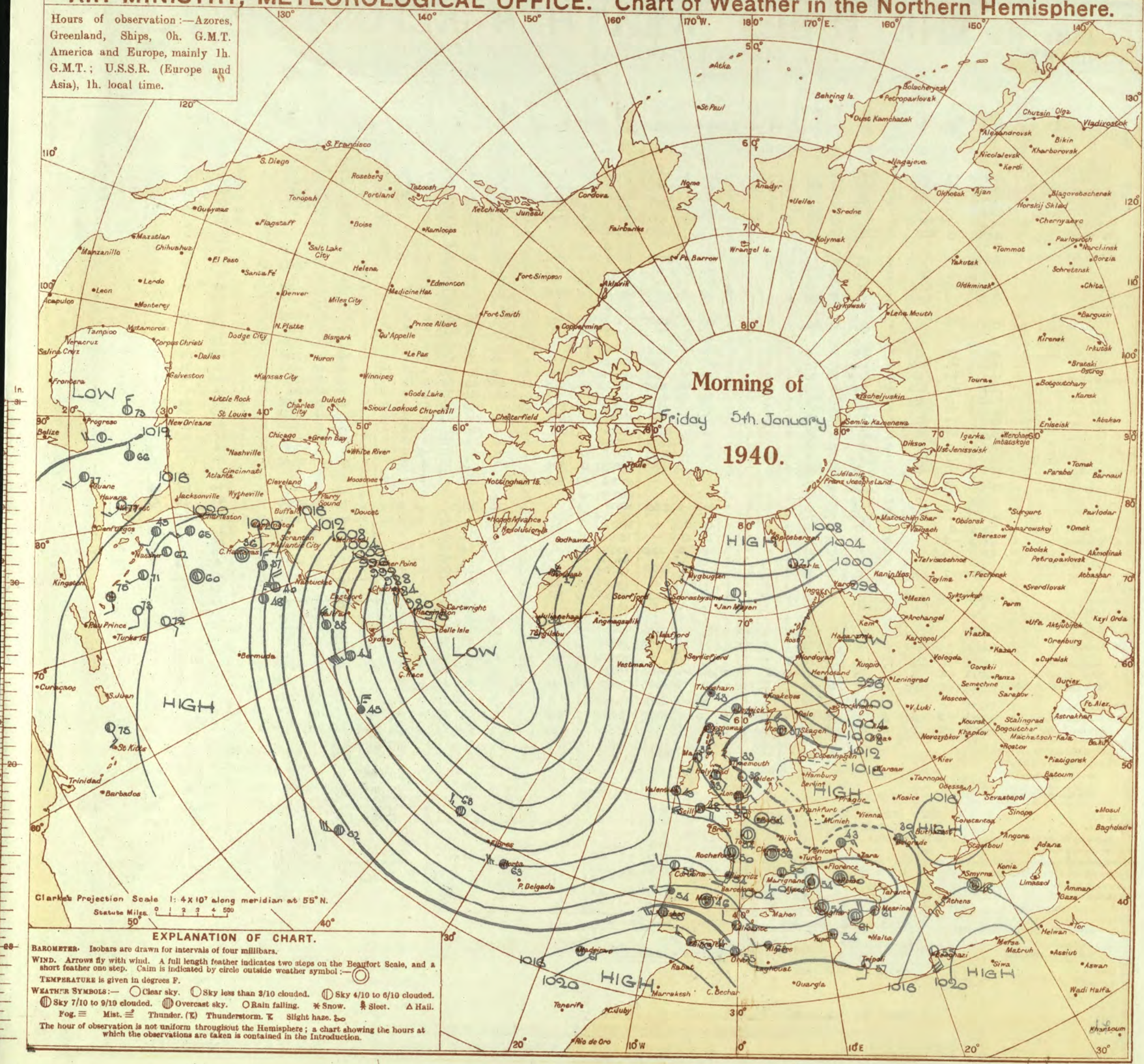
Forecasts issued at 11.30 G.M.T.
H.M.S.O. Press, Cornwall House, S.E.1.

N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

5474/3808, M.8109, P.4626, G.P.548, 1/40

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

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



Clarke's Projection Scale 1:4x10⁷ 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 2/10 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. (T) Thunderstorm. T 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.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Friday 5th January 1940.
 No 28533.

OBSERVATIONS at 1 hr. G.M.T. 5th January														OBSERVATIONS at 7 hr. G.M.T. 5th January														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. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 4th Hrs.	
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	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.						
																																Low.	Med.	High.	Low.		Med.
1	London (Kew) ... 18	1009.7	+2	E	1	0-12	35	37	5	5	7-8	7-8	4000	1011.7	+10	NE	2	37	85	5	5	5	5	5	5	5	39	36	35	-	-	0.0					
	Croydon ... 217	1009.7	+2	E	1	0-12	35	37	5	5	7-8	7-8	4000	1011.5	+10	NE	1	33	85	4	5	5	5	5	5	5	38	32	31	-	-	0.5					
	S. Farnborough ... 226	1009.6	+2	E	1	0-12	37	85	4	5	7-8	7-8	4000	1011.5	+8	NE	1	35	92	3	5	5	5	5	5	5	38	33	33	-	-	0.0					
	Boscombe Down ... 417	1009.0	-2	E	3	10	35	57	4	5	10	10	800	1011.1	+10	NE	2	35	97	4	5	5	5	5	5	5	35	34	33	0.3	0.1	0.0					
	Calshot (Stmnt.) ... 8	1008.5	0	E	2	10	37	85	4	5	10	10	1500	1010.4	+6	NE	1	37	92	4	5	5	5	5	5	5	35	37	36	-	-	0.0					
	Lymington ... 346	1010.7	0	E	2	10	31	85	5	5	0	0	0	1011.3	+10	E	2	32	85	6	5	5	5	5	5	5	37	31	24	-	-	0.0					
	Manston ... 154	1009.8	0	ESE	2	10	34	85	6	5	1	1	4000	1012.5	+18	ESE	2	33	85	5	5	5	5	5	5	5	38	31	20	-	-	0.0					
2	Shoeburyness ... 11	1010.5	+2	E	2	10	37	85	6	5	10	10	4000	1011.3	+10	E	1	37	85	6	5	5	5	5	5	5	40	27	15	-	-	0.6					
	Felixstowe ... 15	1010.5	+2	E	2	10	37	85	6	5	10	10	4000	1011.6	+6	E	2	32	82	6	5	5	5	5	5	5	41	32	28	-	-	2.9					
	Gorleston ... 5	1011.3	0	E	3	10	37	65	7	5	0	0	0	1012.3	+6	E	3	37	73	6	5	5	5	5	5	5	39	37	35	-	-	0.0					
	Mildenhall ... 19	1010.5	+12	ESE	2	10	34	75	7	5	0	0	0	1012.5	+10	E	1	37	87	7	5	5	5	5	5	5	41	22	17	-	-	6.4					
	Cranwell ... 240	1011.7	+2	ESE	2	10	32	92	6	5	10	10	4000	1012.6	+4	ESE	1	30	97	6	5	5	5	5	5	5	38	26	17	-	-	6.4					
3	Birmingham ... 535	1010.6	+16	NE	3	10	33	85	5	5	2-3	10	2500	1011.8	+6	E	1	31	92	3	5	5	5	5	5	5	35	31	23	-	-	0.5					
	Upper Heyford ... 408	1010.6	+16	NE	3	10	33	85	5	5	2-3	10	2500	1012.0	+6	NE	1	32	92	6	5	5	5	5	5	5	36	32	30	-	-	0.0					
4	Ross-on-Wye ... 223	1010.6	+16	NE	3	10	33	85	5	5	2-3	10	2500	1011.3	+4	E	1	32	92	5	5	5	5	5	5	5	35	33	32	-	-	0.0					
5	Hartland Point ... 299	1007.1	+10	E	3	10	36	97	5	5	4-6	4-6	1500	1008.7	+4	ESE	1	37	97	5	5	5	5	5	5	5	38	35	34	-	-	0.0					
	Bristol ... 209	1009.6	-6	NNE	1	10	35	97	5	5	10	10	1500	1011.2	+6	E	1	35	92	5	5	5	5	5	5	5	39	34	32	-	-	0.0					
	Portland Bill ... 32	1007.5	+4	E	4	10	33	92	7	5	10	10	2500	1009.2	+6	ESE	4	33	92	6	5	5	5	5	5	5	41	36	35	-	-	0.0					
	Plymouth ... 82	1007.1	+2	E	4	10	33	92	7	5	10	10	800	1009.2	+6	ESE	4	33	92	6	5	5	5	5	5	5	41	36	35	-	-	0.0					
	The Lizard ... 240	1005.8	0	E	4	10	33	92	7	5	10	10	800	1007.4	+2	E	5	33	97	2	5	5	5	5	5	5	44	43	42	-	-	0.0					
	Scilly (St. Mary's) ... 163	1004.9	+2	E	4	10	33	92	7	5	10	10	1500	1006.4	+4	E	5	33	97	4	5	5	5	5	5	5	47	46	45	-	-	0.0					
	Guernsey ... 175	1006.0	+4	E	1	10	43	92	5	5	10	10	1500	1008.2	+2	ESE	1	44	97	6	5	5	5	5	5	5	47	44	43	-	-	0.0					
6	Pembroke ... 142	1008.0	+2	SE	3	10	41	97	6	5	10	10	1500	1009.0	0	SE	3	41	97	5	5	5	5	5	5	5	41	38	37	-	-	0.0					
7	Holyhead ... 26	1008.5	0	E	0	10	33	85	6	5	10	10	4000	1009.5	+2	E	0	33	85	3	5	5	5	5	5	5	41	37	37	-	-	5.6					
	Chester (Sealand) ... 16	1010.5	-2	ESE	2	10	33	85	5	5	10	10	1500	1011.2	+2	SE	2	33	85	4	5	5	5	5	5	5	38	30	24	-	-	3.1					
8	Manchester ... 70	1011.2	-2	ES	3	10	34	75	5	5	2-3	2-3	2500	1011.3	0	E	1	33	75	4	5	5	5	5	5	5	39	30	23	-	-	3.8					
10	Spurn Head ... 29	1012.1	-2	SE	4	10	38	75	7	5	0	0	0	1013.6	+2	ESE	2	37	75	8	5	5	5	5	5	5	40	37	36	-	-	5.4					
	Catterick ... 175	1012.6	0	E	0	10	21	97	6	5	0	0	0	1012.7	-4	E	0	21	97	6	5	5	5	5	5	5	40	20	16	-	-	4.3					
	Tynemouth ... 108	1012.8	-4	SW	2	10	33	85	4	5	4-6	4-6	1500	1013.1	-2	SW	2	30	92	6	5	5	5	5	5	5	41	30	27	-	-	0.0					
11	St. Abbs Head ... 280	1011.5	0	S	1	10	32	75	7	5	0	0	0	1011.5	0	SSW	2	29	97	7	4	5	5	5	5	5	38	27	26	-	-	0.0					
	Leuchars ... 36	1011.2	-2	E	0	10	32	92	7	5	0	0	0	1011.3	-2	E	0	29	92	7	5	5	5	5	5	5	38	23	14	-	-	0.0					
12	Renfrew (Abbots L.) ... 19	1011.7	-2	E	0	10	24	97	1	5	10	10	4150	1012.2	+2	E	0	28	97	3	5	5	5	5	5	5	38	19	15	-	-	0.0					
	Eskdalemuir ... 794	1011.7	-2	E	0	10	24	97	1	5	10	10	4150	1012.2	+2	E	0	28	97	3	5	5	5	5	5	5	38	19	15	-	-	0.0					
	Point of Ayre ... 30	1009.1	-2	SE	6	10	33	85	7	5	4-6	10	1500	1010.1	+2	S	5	33	85	6	5	5	5	5	5	5	40	38	37	-	-	2.6					
13a	Tiree ... 22	1009.3	-4	SSW	3	10	41	65	7	5	4-6	10	2500	1008.2	0	SE	4	41	65	7	5	5	5	5	5	5	40	38	38	-	-	0.0					
13b	Stornoway ... 80	1009.3	-4	SSW	3	10	41	65	7	5	4-6	10	2500	1008.4	0	S	4	41	65	7	5	5	5	5	5	5	41	35	35	-	-	1.2					
15	Dalwhinnie ... 1176	1011.7	-2	E	0	10	24	97	1	5	10	10	4150	1011.7	0	E	0	28	97	3	5	5	5	5	5	5	38	20	14	-	-	0.0					
	Aberdeen ... 79	1011.7	-2	E	0	10	24	97	1	5	10	10	4150	1011.7	0	E	0	28	97	3	5	5	5	5	5	5	38	20	14	-	-	0.0					
	Wick ... 81	1009.2	-6	SSW	3	10	31	85	7	5	2-3	2-3	2500	1009.2	-2	SSW	2	31	85	6	5	5	5	5	5	5	37	31	21	-	-	0.1					
16	Lerwick ... 156	1008.8	-6	SW	4	10	41	75	7	5	7-8	8	800	1009.1	0	SW	4	40	85	8	7	5	5	5	5	5	42	39	38	-	-	0.0					
17	Blacksod Point ... 18	1009.3	0	SE	3	10	43	85	7	5	0	0	0	1009.7	+4	SE	3	43	85	7	4	5	5	5</													

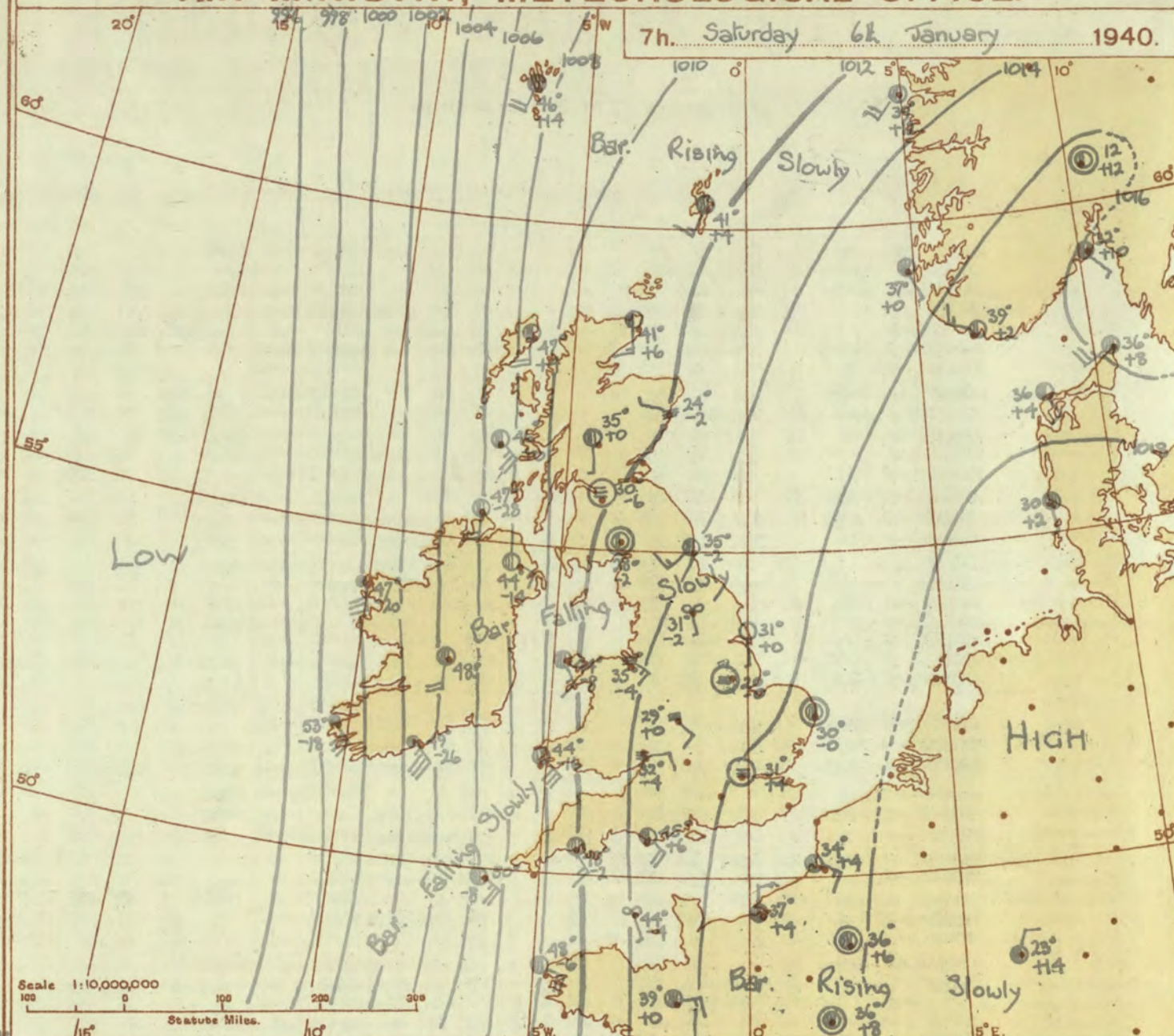
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday, 6th January 1940.
No. 28,534

OBSERVATIONS at 13h. G.M.T. 5th. January														OBSERVATIONS at 18h. G.M.T. 5th. January														PAST 24 HOURS.									
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		WEATHER.									
				Dir.	Force.					Form.	Amount.	Height of Base. (feet)			Dir.	Force.					Form.	Amount.	Height of Base. (feet)			Dir.	Force.	Form.	Amount.	Height of Base. (feet)	State of Ground.	Sea.	7h.—13h. 5th.	13h.—18h. 5th.	18h.—5th. 6th.	1h.—7h. 6th.	
1	London (Kew)...	1012.7	0	NE	1	2	36	92	1	—	—	—	1014.3	+12	ESE	1	1	33	97	1	—	—	—	1014.3	+12	ESE	1	1	33	97	1	—	cm, cfof	obf of	off x	off x	
	Croydon ...	1012.5	0	ESE	2	2	35	85	2	—	—	—	1014.1	+10	ESE	1	1	33	97	2	—	—	—	1014.1	+10	ESE	1	1	33	97	2	—	bomb	bff	bfx	zfff x	
	S. Farnborough	1012.4	0	ESE	1	0	42	75	4	—	—	—	1013.9	+10	ESE	1	1	31	85	2	—	—	—	1013.9	+10	ESE	1	1	31	85	2	—	cfm, bz	bzf	bfx	Fxco	
	Boscombe Down	1012.3	0	—	0	0	38	75	5	—	—	—	1013.7	+10	ESE	3	3	35	85	4	5	—	—	2-3	1013.7	+10	ESE	3	3	35	85	4	5	cm, cz	cb, cbm	bfx	bfx
	Calshot (Soton.)	1011.9	+2	NE	1	0	40	75	6	—	—	—	1013.1	+8	E	0	0	34	92	4	—	—	—	0	1013.1	+8	E	0	0	34	92	4	—	old, beam	b, cbm	bfx	mbcc
	Lympne	1013.2	+2	NE	1	1	40	75	6	—	—	—	1014.3	+10	E	0	0	32	92	5	—	—	—	0	1014.3	+10	E	0	0	32	92	5	—	bm, z	b, z	bfx	bmcc
	Manston	1012.6	+2	E	1	1	41	75	6	—	—	—	1014.0	+10	E	0	0	31	97	5	—	—	—	0	1014.0	+10	E	0	0	31	97	5	—	bm	b, z	bfx	bmcc
2	Shoeburyness ...	1012.7	+4	NNE	2	2	41	85	6	—	—	—	1014.4	+12	NE	0	0	33	92	6	—	—	—	0	1014.4	+12	NE	0	0	34	92	6	—	bm	bm	bm	bfx
	Felixstowe ...	1012.7	-6	NE	2	2	40	75	6	—	—	—	1013.8	+4	NE	2	2	34	92	4	—	—	—	0	1013.8	+4	NE	2	2	34	92	4	—	bm	bm	bm	bifcm
	Gorleston ...	1013.4	0	E	0	0	39	75	6	—	—	—	1014.7	+4	ESE	2	2	36	85	6	—	—	—	0	1014.7	+4	ESE	2	2	36	85	6	—	b	b	b	bifcm
	Mildenhall ...	1013.4	0	E	0	0	38	85	6	—	—	—	1014.6	+8	NE/E	1	1	28	97	5	—	—	—	0	1014.6	+8	NE/E	1	1	28	97	5	—	bbm	bm	bm	bifcm
	Cranwell ...	1013.8	+2	SE	1	1	40	75	7	—	—	—	1014.6	+6	—	0	0	28	92	5	—	—	—	1	1014.6	+6	—	0	0	28	92	5	—	bbm	bm	bm	bifcm
3	Birmingham	1013.4	+2	ESE	2	2	37	75	4	—	—	—	1014.2	+4	SE	1	1	36	85	5	—	—	—	10	1014.2	+4	SE	1	1	36	85	5	—	befz	befz	bm	bifcm
	Upper Heyford	1013.6	+2	NE	2	2	36	85	6	—	—	—	1014.7	+4	NE	1	1	34	92	5	—	—	—	2-3	1014.7	+4	NE	1	1	34	92	5	—	cm	cm	bm	bifcm
4	Ross-on-Wye ...	1012.9	-4	ESE	1	1	37	85	5	—	—	—	1013.7	+4	ESE	1	1	33	85	4	—	—	—	10	1013.7	+4	ESE	1	1	33	85	4	—	cm, m	cm, m	cm	bm
5	Hartland Point	1011.2	-2	E	2	2	42	92	6	—	—	—	1011.3	+10	ESE	3	3	41	97	5	—	—	—	0	1011.3	+10	ESE	3	3	41	97	5	—	bcc	bcc	cm	bm
	Bristol ...	1012.8	0	NE	1	1	38	85	4	—	—	—	1013.4	+12	ESE	4	4	36	85	4	—	—	—	0	1013.4	+12	ESE	4	4	36	85	4	—	cm, m	cm, m	cm	bm
	Portland Bill ...	1010.9	+4	ESE	4	4	42	92	6	—	—	—	1013.5	+12	ESE	4	4	43	92	6	—	—	—	0	1013.5	+12	ESE	4	4	43	92	6	—	cm, m	cm, m	cm	bm
	Plymouth ...	1010.6	+4	ESE	4	4	42	97	4	—	—	—	1011.5	+12	ESE	2	2	43	92	4	—	—	—	0	1011.5	+12	ESE	2	2	43	92	4	—	cm, m	cm, m	cm	bm
	The Lizard ...	1009.2	0	E	3	3	48	97	7	—	—	—	1011.5	+12	E	3	3	48	97	7	—	—	—	0	1011.5	+12	E	3	3	48	97	7	—	cm, m	cm, m	cm	bm
	Scilly (St. Mary's)	1008.1	0	ESE	4	4	50	92	6	—	—	—	1009.2	+8	SE/E	4	4	49	92	6	—	—	—	0	1009.2	+8	SE/E	4	4	49	92	6	—	cm, m	cm, m	cm	bm
	Guernsey ...	1009.9	+2	ESE	1	1	47	92	6	—	—	—	1011.3	+8	ESE	1	1	45	92	6	—	—	—	0	1011.3	+8	ESE	1	1	45	92	6	—	bcc	bcc	cm	bm
6	Pembroke ...	1010.7	-2	ESE	1	1	44	85	6	—	—	—	1010.7	+8	SE	1	1	42	97	6	—	—	—	0	1010.7	+8	SE	1	1	42	97	6	—	cm, m	cm, m	cm	bm
7	Holyhead ...	1010.7	-2	ESE	1	1	44	85	6	—	—	—	1010.7	+8	SE	1	1	42	97	6	—	—	—	0	1010.7	+8	SE	1	1	42	97	6	—	cm, m	cm, m	cm	bm
	Chester (Sealand)	1012.3	-4	SE/E	3	3	36	85	5	—	—	—	1013.0	+6	ESE	2	2	37	85	4	—	—	—	0	1013.0	+6	ESE	2	2	37	85	4	—	cm, m	cm, m	cm	bm
8	Manchester ...	1012.9	-4	SSE	1	1	39	65	5	—	—	—	1013.7	+6	ESE	1	1	37	85	2	—	—	—	0	1013.7	+6	ESE	1	1	37	85	2	—	cm, m	cm, m	cm	bm
10	Spurn Head ...	1014.0	+2	SE	1	1	42	75	8	—	—	—	1014.5	+4	SE	1	1	36	85	7	—	—	—	0	1014.5	+4	SE	1	1	36	85	7	—	bcc	bcc	cm	bm
	Catterick ...	1013.6	-2	SE	1	1	32	85	5	—	—	—	1014.1	+4	SE	1	1	33	85	5	—	—	—	0	1014.1	+4	SE	1	1	33	85	5	—	bcc	bcc	cm	bm
	Tynemouth ...	1013.2	-4	S	3	3	37	92	6	—	—	—	1013.6	+4	S	3	3	34	92	4	—	—	—	0	1013.6	+4	S	3	3	34	92	4	—	bcc	bcc	cm	bm
11	St. Abbs Head	1011.2	-6	SSW	2	2	36	65	7	—	—	—	1012.4	0	—	0	0	30	65	8	—	—	—	0	1012.4	0	—	0	0	30	65	8	—	bcc	bcc	cm	bm
	Leuchars ...	1011.5	-6	—	0	0	31	85	4	—	—	—	1012.3	0	—	0	0	31	92	4	—	—	—	0	1012.3	0	—	0	0	31	92	4	—	bcc	bcc	cm	bm
12	Renfrew (Abbots L.)	1012.6	0	—	0	0	31	85	3	—	—	—	1012.7	0	—	0	0	32	97	3	—	—	—	0	1012.7	0	—	0	0	32	97	3	—	bcc	bcc	cm	bm
	Eskdalemuir ...	1012.1	-2	—	0	0	32	92	8	—	—	—	1012.4	+6	—	0	0	33	85	8	—	—	—	0	1012.4	+6	—	0	0	33	85	8	—	bcc	bcc	cm	bm
	Point of Ayre ...	1011.4	+2	SE	4	4	41	85	5	—	—	—	1011.6	+2	SE	4	4	41	92	5	—	—	—	0	1011.6	+2	SE	4	4	41	92	5	—	bcc	bcc	cm	bm
13A	Three ...	1008.4	+2	SSE	4	4	44	92	6	—	—	—	1008.3	0	SE	4	4	45	92	5	—	—	—	0	1008.3	0	SE	4	4	45	92	5	—	cm	cm	cm	bm
13B	Stornoway ...	1009.7	+2	S	5	5	43	85	6	—	—	—	1009.9	0	S	4	4	45	75	6	—	—	—	0	1009.9	0	S	4	4	45	75	6	—	cm	cm	cm	bm
15	Dalwhinnie ...	1011.2	-2	S	1	1	36	85	4	—	—	—	1012.1	+4	S	1	1	33	92	6	—	—	—	0	1012.1	+4	S	1	1	33	92	6	—	bcc	bcc	cm	bm
	Aberdeen ...	1011.2	-4	SSW	1	1	36	85	4	—	—	—	1011.3	0	SSW	1	1	36	85	4	—	—	—	0	1011.3	0	SSW	1	1	36	85	4	—	bcc	bcc	cm	bm
	Wick ...	1009.8	0	SSW	1	1	36	85	4	—	—	—	1009.9	0	SSW	2	2	33	85	7	—	—	—	0	1009.9	0	SSW	2	2	33	85	7	—	bcc	bcc	cm	bm
16	Lerwick...	1010.1	+2	SW	3	3	42	75	8	—	—	—	1010.4	+2	SW	2	2	38	85	8	—	—	—	0	1010.4	+2	SW	2	2	38	85	8	—	bcc	bcc	cm	bm
17	Blacksod Point..	1006.1	-2	ESE	3	3	45	92	7	—	—	—																									

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th January, 1940.
1 S.E. England	Wind south, moderate, becoming fresh; fog clearing this afternoon; cloudy with some rain or drizzle spreading from the Southwest tomorrow; temperature rising, becoming mild tomorrow.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind south, moderate to fresh, becoming fresh to strong; cloudy, with rain spreading from the Southwest this evening; temperature rising, becoming mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1 - 4.
10 N.E. England	
11 S.E. Scotland	As 14 - 16.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	Wind south, moderate to fresh, increasing to fresh to strong, with gales on coasts; cloudy, with rain spreading from the southwest tonight; temperature rising, becoming mild.
14 Mid Scotland	Wind south, moderate, becoming fresh; fair today, with increasing cloud, some rain tomorrow; becoming mild.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	Wind south, veering southsouthwest, fresh to strong, with gales on coasts; cloudy, with rain in all districts; mild.
19 S. E. Ireland	
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large depression over the North Atlantic is spreading eastwards. Weather will become mild generally, and rain will spread from the southwest to all districts.

FURTHER OUTLOOK.

Mild and unsettled.

Cone hoisted at 0245 on 6/1/40 in districts 12, 13, 17 and 20. and at 0815 on 6/1/40 in district 19.

Forecasts issued at 11.30 G.M.T.

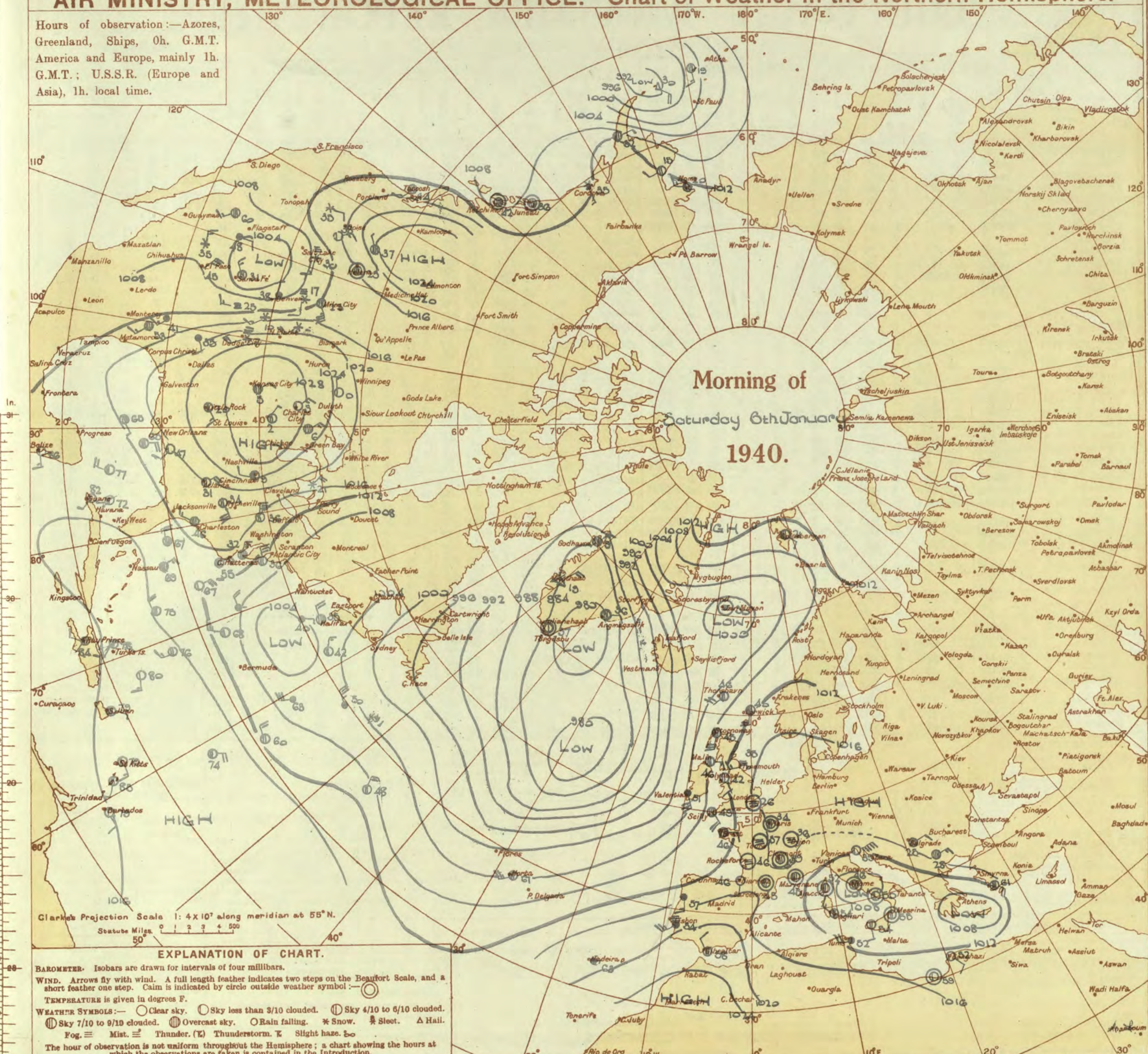
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

2474/3008. W. 8105. D. 4628. Sp. 348. 1/40.

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



Morning of
Saturday 6th January
1940.

Globe's Projection Scale 1: 4 X 10⁷ 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. Δ Hail.

Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. T Slight haze. 20

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.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday, 6th. January. 1940.
No. 28,534.

[illegible]

‡ Maximum and Minimum Temperatures are for the 24 hours ending 8 h. † Sea disturbance reported from Dungeness.

TERMS OF SUBSCRIPTION. { single Copies, 1d. each: by post 1½d.
2/6 per month; 6/6 per quarter; 25/- per year.

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

N. K. JOHNSON, D.Sc., A.R.C.S., Director.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

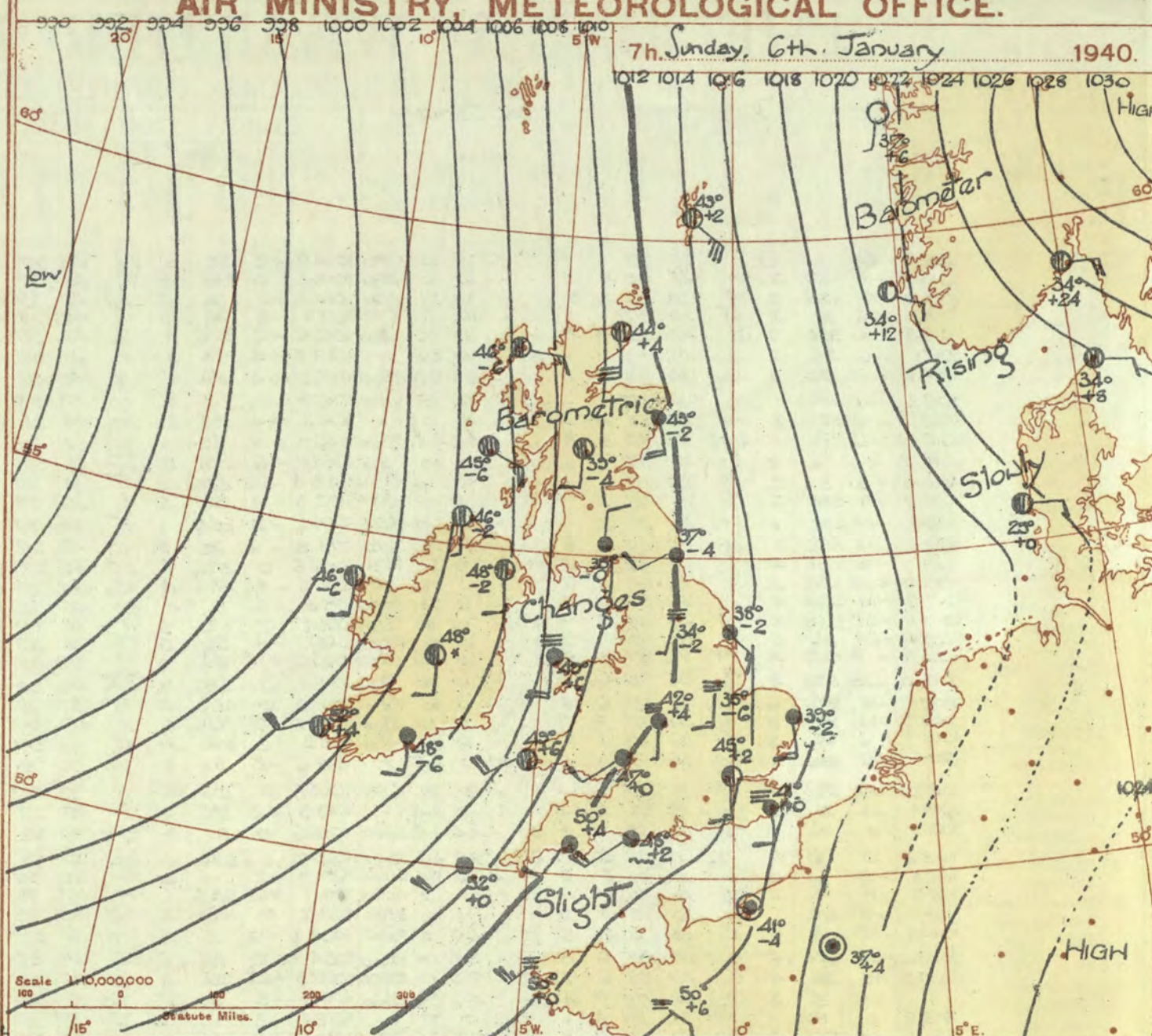
Sunday 7th January, 1940.

No. 28,935

OBSERVATIONS at 13h. G.M.T. 6th January														OBSERVATIONS at 18h. G.M.T. 6th January														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visiblity. 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visiblity. 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visiblity. 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visiblity. 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				Direc.	Force. 0-12				Form.	Amount.	Height of Base. (feet)			Direc.	Force. 0-12				Form.	Amount.	Height of Base. (feet)			Direc.	Force. 0-12				Form.	Amount.	Height of Base. (feet)			State of Ground. 0-9	Sea. 0-9				7h.—13h. Gth.	13h.—18h. Gth.	18h.— 1h.	1h.—7h. Gth.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday, 6th. January 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th January, 1940.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light south to southwest wind; dull, local drizzle and fog; milder.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Moderate southwest wind; cloudy, local drizzle, bright intervals later; very mild. As 1 - 4.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 { A.W. Scotld. B.N.W. Scot- land. 14 Mid Scotland 15 N. E. Scotland	Light or moderate southeast to south or southwest wind; cloudy, rain or drizzle at first, improving later but local fog; rather mild.
16 Orkneys and Shetlands	Strong south wind; cloudy, some rain; rather mild.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate southwest wind; bright periods, local showers; mild.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is high over Russia and low over South Greenland and a trough of low pressure is crossing Great Britain. Weather will be mild and cloudy with occasional rain or drizzle and local fog. A temporary improvement will spread over western districts.

FURTHER OUTLOOK.

Unsettled and mild.

Forecasts issued at 11.30 G.M.T.

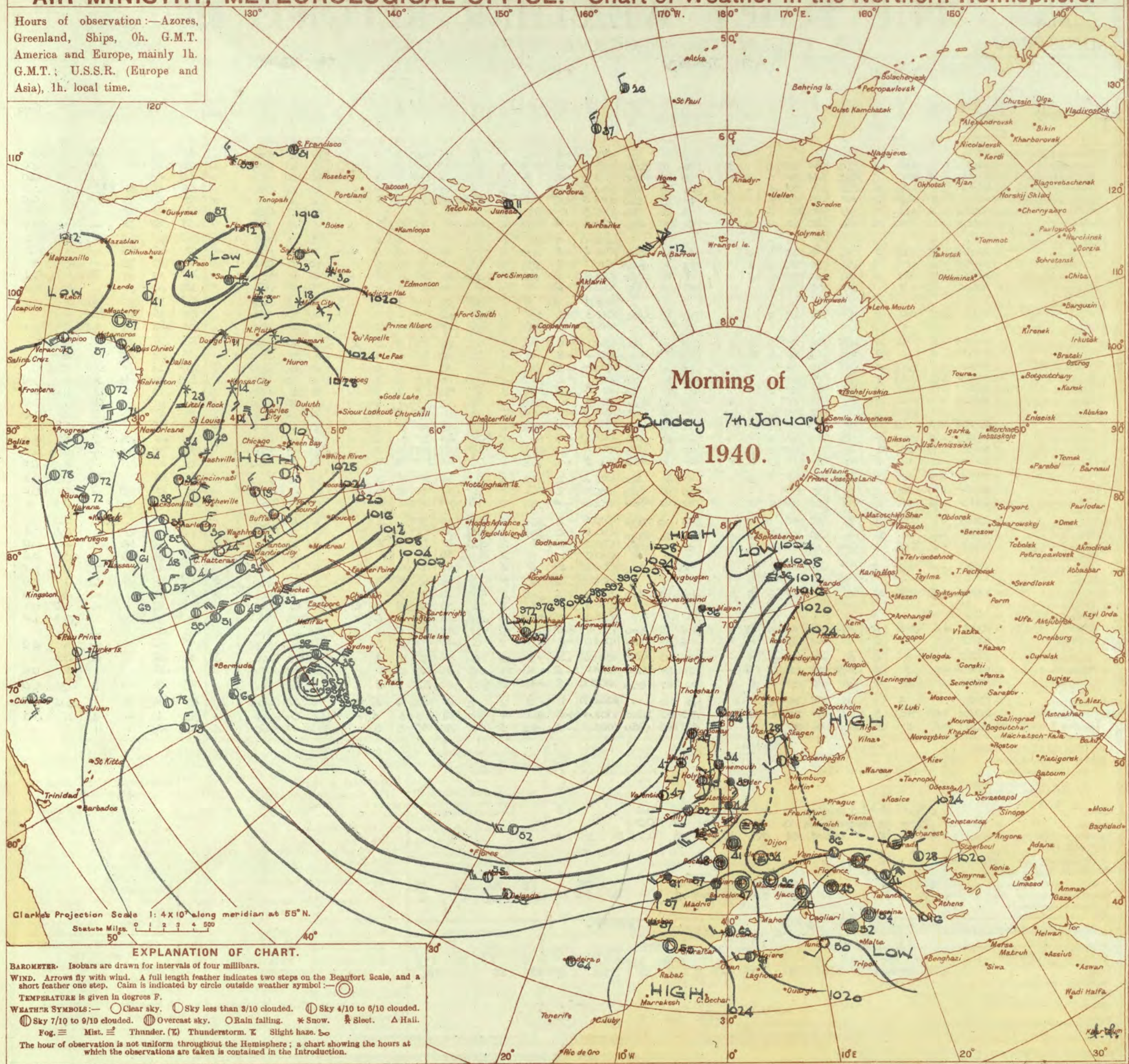
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

4474/3908 W. 8105 D 4626 6p 348 1/40

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 7th January 1940.
No. 28535.

OBSERVATIONS at 1 hr. G.M.T. 7th January														OBSERVATIONS at 7 hr. G.M.T. 7th January														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. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.					RAINFALL.		Sun-shine Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					Direc.	Force.					Low.	Med.	High.	Low.			Med.	High.					Low.	Med.	High.	Low.			Med.	High.	Max. Day 7h-15h °F.	Min. Night 15h-7h °F.	Min. on Grass °F.	Day 7h-15h mm.	Night 15h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
																																					0-12	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10

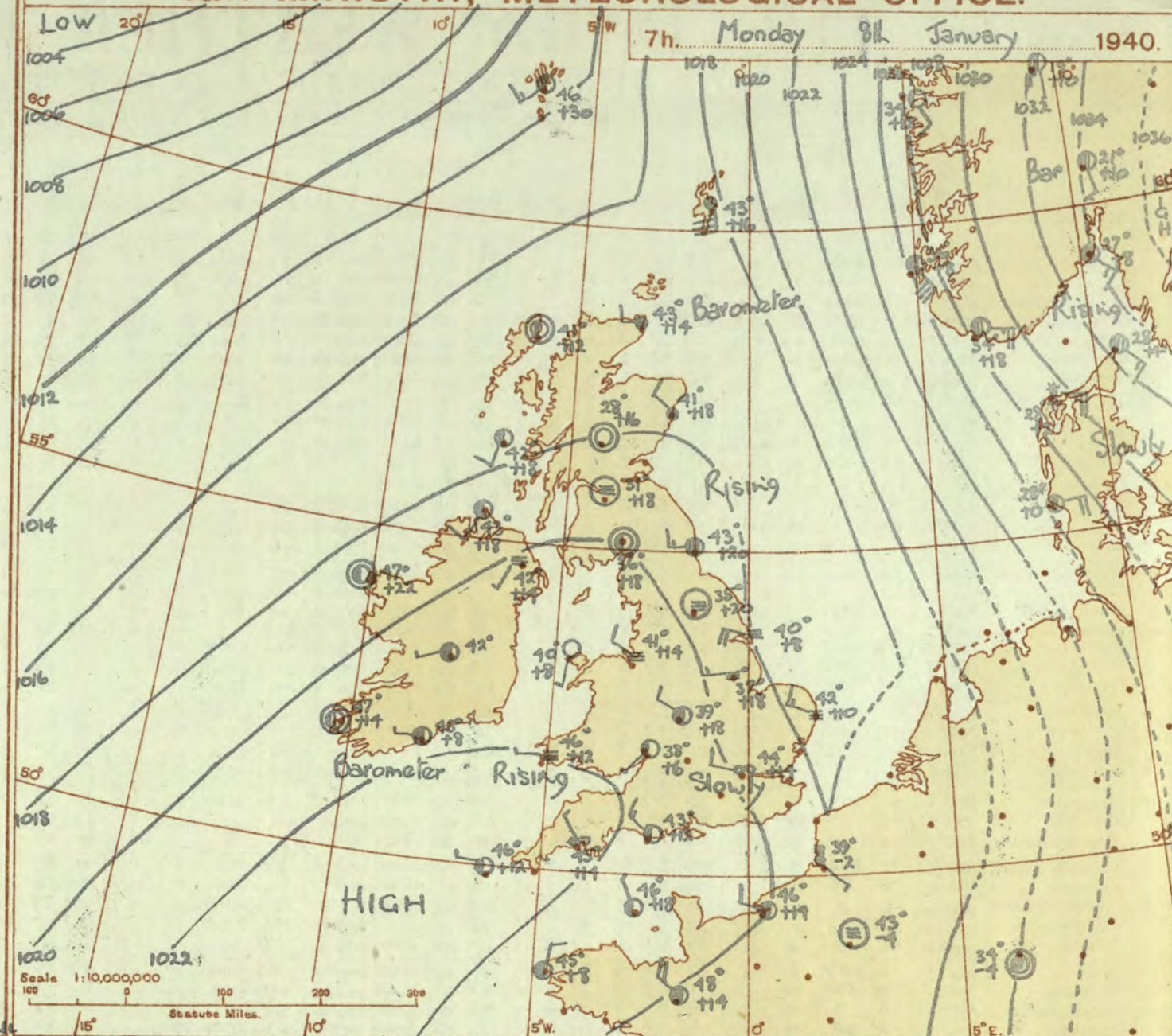
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday 8th January 1940.
No. 28 536

OBSERVATIONS at 13h. G.M.T. 7th January														OBSERVATIONS at 18h. G.M.T. 7th January														PAST 24 HOURS.						
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.				
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount Low 0-10 Total 0-10 (25) (26)					Height of Base (feet) (28)	7h.—13h. (37)	13h.—18h. (38)	18h.—7h. 1h.—4h. (39)	4h.—7h. (40)							
1	London (Kew)...	1014.9	0	SW	1	m	49	97	4	S	-	-	94	94	1016.0	+6	SW	2	cf	48	97	3	S	-	-	10	10	1500	1	*	cf	cf	cf	cf
	Croydon ...	1015.0	0	SW	3	20	50	97	6	S	3	4	4.6	9	1500	1016.0	+6	SE	3	id	49	97	4	S	-	-	10	10	220	1	*	cf	cf	cf
	S. Farnborough	1015.0	-2	SW	2	20	50	97	6	S	-	-	10	10	800	1015.7	+8	SE	1	id	49	97	4	S	-	-	10	10	800	1	*	cf	cf	cf
	Boscombe Down	1014.5	-2	SE	3	cf	50	97	1	S	-	-	10	10	800	1015.3	+2	S	2	cf	49	97	2	-	-	-	10	10	450	1	*	cf	cf	cf
	Calshot (Soton.)	1015.1	+2	SW	3	f	46	97	2	-	-	-	10	10	450	1015.9	+2	SW	3	cf	47	97	2	-	-	-	10	10	450	1	*	cf	cf	cf
	Lympe ...	1016.7	0	SW	2	cf	45	97	1	-	-	-	10	10	450	1017.6	+6	SE	1	cf	44	97	1	-	-	-	10	10	450	1	2	cf	cf	cf
	Manston	1016.0	-2	SW	3	f	45	97	2	S	-	-	10	10	450	1017.2	+8	SW	3	cf	45	97	4	S	2	-	4.6	10	220	1	*	cf	cf	cf
2	Shoeburyness ...	1015.9	-2	SW	1	id	42	97	4	S	-	-	10	10	800	1016.5	+6	SW	2	cf	46	97	4	S	-	-	10	10	2500	1	*	cf	cf	cf
	Felixstowe ...	1015.3	-2	S	1	cf	41	97	2	S	-	-	10	10	220	1016.0	+2	S	2	f	41	97	1	-	-	-	10	10	450	1	2	cf	cf	cf
	Gorleston ...	1015.7	-2	SE	3	cf	40	97	4	S	-	-	10	10	800	1016.0	0	SE	2	f	39	97	2	S	-	-	10	10	450	1	2	cf	cf	cf
	Mildenhall ...	1014.8	+2	S	2	cf	43	97	3	S	-	-	10	10	450	1015.6	+4	SE	2	f	42	97	1	-	-	-	10	10	450	1	*	cf	cf	cf
	Cranwell ...	1013.8	+2	S	1	f	39	97	3	-	-	-	10	10	450																			
3	Birmingham	1013.2	0	S	1	f	48	97	2	-	-	-	10	10	450	1014.5	+8	S	1	cf	48	97	3	S	-	-	10	10	800	1	*	cf	cf	cf
	Upper Heyford	1014.4	+2	-	0	cf	49	97	3	S	-	-	9.4	7.8	1500	1015.3	+2	S	1	cf	48	97	2	S	-	-	10	10	800	1	*	cf	cf	cf
4	Ross-on-Wye ...	1012.8	-6	SW	3	c	53	85	7	S	-	-	1.7	8.9	1500	1014.2	+6	SW	3	c	51	92	7	S	-	-	9.4	9.4	1500	1	*	cf	cf	cf
5	Hartland Point	1011.4	-2	SW	3	id	52	97	5	-	2	-	10	10	800	1014.9	+12	W	3	c	48	97	8	S	4	4	4.6	7.8	1500	1	3	cf	cf	cf
	Bristol ...														1015.1	+12	S	3	c	51	97	6	S	-	-	10	10	800	1	*	cf	cf	cf	
	Portland Bill ...	1014.1	+4	SW	3	f	48	92	2	S	-	-	10	10	450	1015.2	+4	SW	3	f	48	92	2	S	-	-	10	10	450	1	4	cf	cf	cf
	Plymouth ...	1013.9	0	SW	3	cf	50	97	2	-	-	-	10	10	450	1015.8	+14	-	0	m	50	97	4	S	-	-	7.8	9.4	450	1	1	cf	cf	cf
	The Lizard ...	1012.9	+8	SW	4	cf	52	97	3	S	-	-	10	10	800	1016.3	+20	WNW	2	c	48	97	7	S	4	-	7.8	9.4	800	1	2	cf	cf	cf
	Scilly (St. Mary's)	1012.8	+10	WSW	4	c	52	97	6	S	7	2	4.6	7.8	1500	1016.0	+12	WNW	2	c	48	97	7	S	3	2	7.8	7.8	2500	1	2	cf	cf	cf
	Guernsey ...	1015.3	-4	SW	1	cf	51	97	5	S	-	-	10	10	450	1016.1	+6	SW	1	cf	52	97	4	S	-	-	10	10	450	1	2	cf	cf	cf
6	Pembroke ...	1010.7	+2	WSW	5	c	50	97	6	S	-	-	9.4	9.4	1500	1014.8	+12	WNW	3	c	48	92	7	S	4	1	2.3	4.6	1500	1	2	cf	cf	cf
7	Holyhead ...	1009.5	0	SE	5	cf	50	97	7	S	-	-	10	10	800	1012.5	+18	WSW	4	c	49	92	7	S	-	-	9.4	9.4	2500	1	2	cf	cf	cf
	Chester (Sealand)	1011.6	-2	SE	2	cf	46	97	5	S	7	-	2.3	7.8	1500	1013.1	+8	SE	1	cf	47	92	4	S	-	-	7.8	7.8	1500	1	*	cf	cf	cf
8	Manchester ...	1012.5	0	SE	1	cf	47	92	4	S	3	2	4.6	9.4	5700	1013.1	+4	SE	2	cf	47	97	3	-	2	-	10	10	1500	1	*	cf	cf	cf
10	Spurn Head ...	1013.9	0	SE	2	f	39	97	1	-	-	-	10	10	450	1014.9	+4	SE	2	f	39	97	0	-	-	-	10	10	450	1	0	cf	cf	cf
	Catterick ...	1013.2	-2	0	cf	36	97	1	-	-	-	-	10	10	450	1013.7	+2	-	0	f	37	97	1	-	-	-	10	10	450	1	1	cf	cf	cf
	Tynemouth ...	1013.3	+4	SW	2	cf	40	97	3	S	-	-	10	10	1500	1014.1	+2	S	2	cf	40	97	3	S	-	-	10	10	1500	1	1	cf	cf	cf
11	St. Abbs Head	1011.4	0	SE	4	c	40	97	5	S	2	-	7.8	10	2500	1012.2	+4	SE	1	c	41	97	4	S	2	-	7.8	9.4	1500	1	3	cf	cf	cf
	Leuchars ...	1011.1	-6	SE	1	cf	40	97	5	S	-	-	10	10	1500	1012.1	0	SE	1	c	40	92	4	S	2	-	10	10	1500	1	*	cf	cf	cf
12	Reufrow (Abbots L.)	1010.5	-6	E	2	cf	39	97	3	S	-	-	10	10	450	1011.8	+8	NE	1	cf	40	97	3	S	-	-	10	10	420	1	*	cf	cf	cf
	Eskdalemuir ...	1011.3	0	H	1	cf	39	97	4	S	-	-	10	10	450	1011.8	+2	H	1	c	41	97	5	S	-	-	10	10	450	1	*	cf	cf	cf
	Point of Ayre ...	1009.5	0	S	4	cf	47	97	5	-	2	-	10	10	800	1011.2	+2	W	3	cf	48	97	7	S	-	-	4.6	4.6	2500	1	2	cf	cf	cf
13A	Tiree ...	1004.9	-6	SE	5	c	47	97	6	S	-	-	10	10	1500	1008.4	+20	WSW	3	c	48	92	7	S	-	-	9.4	9.4	2500	1	3	cf	cf	cf
13B	Stornoway ...	1006.7	-4	SE	4	c	47	85	7	S	7	-	7.8	10	2500	1008.0	+8	WSW	3	c	48	85	7	S	2	-	7.8	9.4	2500	1	2	cf	cf	cf
15	Dalwhinnie ...	1010.3	+2	S	4	c	39	97	5	S	4	6	7.4	10	800	1011.6	+8	S	3	cf	41	92	5	4	2	-	4.6	10	1500	1	*	cf	cf	cf
	Aberdeen ...	1013.1	-2	SE	4	cf	44	97	5	S	6	2	-	9	10	800	1013.5	+2	SE	4	cf	44	97	5	6	-	10	10	800	1	3	cf	cf	cf
	Wick ...	1012.0	+6	SE	6	cf	45	92	6	S	2	-	7.8	10	800	1011.6	0	SE	7	c	44	92	6	S	2	-	7.8	10	800	1	3	cf	cf	cf
16	Lerwick ...	1015.8	-2	SE	8	c	41	97	6	S	7	-	7.8	10	800	1016.0	0	SE	8	c	41	85	6	S	2	-	7.8	10	1500	1	*	cf	cf	cf
17	Blacksod Point...	1006.8	+38	W	4	bc	51	85	8	2	-	-	2.3	2.3	1500	1011.4	+32	WSW	1	b	49	92	7	-	-	0	0	-	1	3	bc	bc	bc	bc
18	Malin Head ...	1004.5	-4	S	3	cf	50	92	7	6	-	-	9	9	4000	1010.2	+24	WSW	2	bc	47	84	8	8	-	4	2.3	4.6	4000	0	3	c	c	c
	Aldergrove ...	1007.2	-2	SE	3	cf	50	92	6	S	2	-	9.4	10	1500	1011.6	+28	WSW	1	bc	45	92	8	8	-	-	2.3	2.3	1500	1	*	cf	cf	cf
19	Birr Castle ...	1008.9	0	WNW	2	c	50	85	8	8	-	-	7.8	7.8	1500	1013.6	0	W	1	b	45	92	8	-	-	0	0	-	1	1	cf	cf	cf</	

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th January, 1940.
1 S.E. England	Wind northwest, moderate, becoming variable light; fair, but rather widespread fog developing during the night; mild by day but ground frost locally tomorrow morning.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind west or variable light; fair and mild; local fog and ground frost tomorrow morning.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1 - 4.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 5 - 8.
13 { A. W. Scotld. B.N.W.Scot- land.	Wind south, light to moderate; fair and mild.
14 Mid Scotland	
15 N. E. Scotland	Wind west, light; cloudy at first, becoming fair; mild.
16 Orkneys and Shetlands	Wind south, strong to gale in Shetland at first, otherwise westerly light; cloudy with considerable rain; mild.
17 N. W. Ireland	Wind southwesterly, light, becoming moderate; fair today, increasing cloud tomorrow; mild.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~ Rough. ~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An intense anticyclone is centred over West Russia and a ridge of high pressure over the British Isles is intensifying. A trough of low pressure off the East Coast is moving very slowly eastwards and is filling up. Weather will be mainly fair and mild, but with rather widespread fog and local ground frost tomorrow morning.

FURTHER OUTLOOK.

Rain in West Ireland. Quiet and foggy
in the East.

Forecasts issued at 11.30 G.M.T.

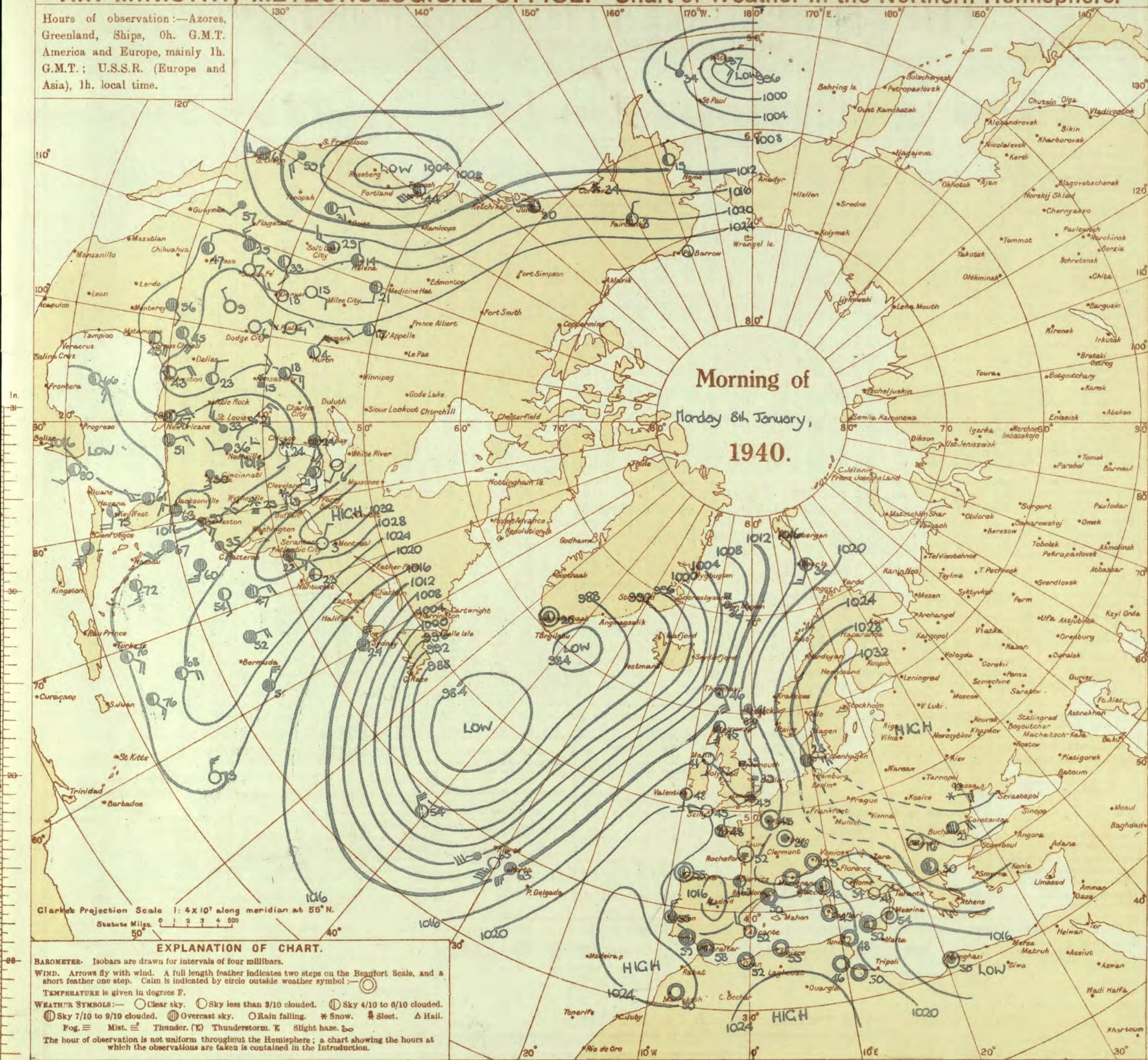
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House S.E.1.

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 8th January														OBSERVATIONS at 7 hr. G.M.T. 8th January														PAST 24 HOURS.								
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE 7h-18h.	
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	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.					
																																Low.	Med.	High.		Low.
1	London (Kew) ... 18	217	1016.3	+6	NSW	2	bc	43	97	5	—	—	—	—	1020.3	+12	N	2	bc	40	97	1	5	—	—	—	—	—	—	50	40	31	0.3	6	0.0	
	Croydon ... 217	1016.3	+6	NSW	2	bc	43	97	5	—	—	—	—	—	1019.7	+14	NW	2	bc	44	97	5	5	—	—	—	—	—	—	50	43	41	0.3	7	0.0	
	S. Farnborough ... 226	1017.3	+6	NSW	2	bc	46	97	5	—	—	—	—	—	1019.7	+14	NW	2	bc	44	97	5	5	—	—	—	—	—	—	51	34	32	0.3	2	0.0	
	Boscombe Down ... 417	1018.1	+10	NSW	2	bc	46	97	5	—	—	—	—	—	1021.6	+18	NW	1	bc	35	97	2	5	—	—	—	—	—	—	50	39	36	1	3	0.0	
	Calshot (Stmnt.) ... 8	1017.6	+10	NSW	2	bc	46	97	5	—	—	—	—	—	1020.8	+18	NW	2	bc	33	97	5	5	—	—	—	—	—	—	46	44	42	1	9	0.0	
	Lymington ... 346	1016.1	-2	SW	2	df	45	97	1	—	—	—	—	—	1018.8	+8	NW	4	bc	45	97	4	5	—	—	—	—	—	—	47	43	43	0.4	2	0.0	
	Manston ... 154	1017.2	-6	SSW	3	bc	46	97	4	—	—	—	—	—	1018.6	+10	NW	4	bc	44	97	3	5	—	—	—	—	—	—	47	43	43	0.4	2	0.0	
2	Shoeburyness ... 11	1016.8	+2	S	1	DR	43	97	3	—	—	—	—	—	1019.3	+14	NW	3	c	45	97	6	5	—	—	—	—	—	—	49	42	40	Tr	7	0.0	
	Felixstowe ... 15	1016.8	+2	S	1	DR	43	97	3	—	—	—	—	—	1019.3	+14	NW	3	c	45	97	6	5	—	—	—	—	—	—	49	42	40	Tr	7	0.0	
	Gorleston ... 5	1017.0	+4	S	1	DR	40	97	4	—	—	—	—	—	1019.5	+6	N	2	of	44	97	3	5	—	—	—	—	—	—	42	40	39	0.4	8	0.0	
	Mildenhall ... 19	1017.0	+4	S	1	DR	40	97	4	—	—	—	—	—	1019.5	+6	N	2	of	44	97	3	5	—	—	—	—	—	—	42	40	39	0.4	8	0.0	
	Cranwell ... 240	1016.3	+4	SW	2	of	46	97	3	—	—	—	—	—	1018.8	+14	NW	2	bc	40	97	4	5	—	—	—	—	—	—	45	39	34	1	9	0.0	
															1018.8	+16	N	2	bc	37	97	4	5	—	—	—	—	—	—	45	39	34	1	9	0.0	
3	Birmingham ... 535	1017.2	+6	A	1	m/f	42	97	4	—	—	—	—	—	1021.5	+18	NW	2	c	39	97	5	5	—	—	—	—	—	—	48	38	29	0.2	0.3	0.0	
	Upper Heyford ... 408	1017.2	+6	A	1	m/f	42	97	4	—	—	—	—	—	1020.1	+10	NW	2	c	39	97	5	5	—	—	—	—	—	—	49	38	30	0.3	3	0.0	
4	Ross-on-Wye ... 223	1017.2	+6	A	1	m/f	42	97	4	—	—	—	—	—	1021.2	+6	SW	1	b	38	97	7	5	—	—	—	—	—	—	53	35	27	0.1	—	0.7	
5	Hartland Point ... 299	1013.0	+10	NW	2	b	47	97	8	—	—	—	—	—	1021.5	+10	NW	2	b	47	97	6	—	—	—	—	—	—	—	—	53	46	43	1	—	0.0
	Bristol ... 209	1016.6	+12	NW	1	bif	42	97	3	—	—	—	—	—	1021.7	+12	NW	1	b	38	97	6	—	—	—	—	—	—	—	—	53	35	26	—	2	0.0
	Portland Bill ... 32	1018.5	+14	NW	3	bc	46	97	8	—	—	—	—	—	1021.3	+12	NW	3	bc	43	97	8	5	—	—	—	—	—	—	—	48	42	—	8	—	0.0
	Plymouth ... 82	1018.5	+14	NW	3	bc	46	97	8	—	—	—	—	—	1021.3	+12	NW	3	bc	43	97	8	5	—	—	—	—	—	—	—	48	42	—	8	—	0.0
	The Lizard ... 240	1020.1	+8	NW	2	bc	43	97	8	—	—	—	—	—	1022.6	+14	NW	1	bc	45	97	6	—	—	—	—	—	—	—	—	51	44	37	3	—	0.0
	Scilly (St. Mary's) ... 163	1020.4	+10	NW	1	b	45	97	7	—	—	—	—	—	1022.5	+16	NW	1	bc	44	97	7	—	—	—	—	—	—	—	—	52	41	—	—	—	0.0
	Guernsey ... 175	1016.5	+8	NW	2	c	43	97	8	—	—	—	—	—	1022.9	+18	NW	1	bc	46	97	7	—	—	—	—	—	—	—	—	52	45	—	0.5	0.1	0.0
															1021.2	+12	NW	1	bc	46	97	7	—	—	—	—	—	—	—	52	45	—	0.5	0.1	0.0	
6	Pembroke ... 142	1016.3	+12	NW	2	b	47	97	7	—	—	—	—	—	1021.3	+12	NW	1	b	46	97	1	—	—	—	—	—	—	—	—	51	42	—	1	—	0.1
7	Holyhead ... 26	1016.0	+18	NW	3	b	47	97	6	—	—	—	—	—	1020.3	+8	SSW	1	bc	40	97	6	—	—	—	—	—	—	—	—	50	39	34	2	Tr	0.0
	Chester (Sealand) ... 16	1017.6	+12	NW	1	bc	42	97	6	—	—	—	—	—	1020.7	+14	NW	2	bc	41	97	3	5	—	—	—	—	—	—	—	48	36	31	0.1	Tr	0.7
8	Manchester ... 70	1017.3	+16	NW	2	bc	43	97	5	—	—	—	—	—	1020.8	+18	NW	2	bc	42	97	4	5	—	—	—	—	—	—	—	50	37	30	0.6	Tr	0.0
10	Spurn Head ... 29	1015.6	+2	S	2	df	39	97	1	—	—	—	—	—	1017.6	+8	NW	4	F	40	97	1	—	—	—	—	—	—	—	—	39	39	—	1	4	0.0
	Catterick ... 175	1016.7	+20	S	2	bc	35	97	7	—	—	—	—	—	1018.3	+6	NW	2	F	39	97	6	5	—	—	—	—	—	—	—	37	33	29	0.1	4	0.0
	Tynemouth ... 108	1015.8	+12	SW	2	bc	39	97	3	—	—	—	—	—	1018.8	+20	NW	3	c	43	97	6	8	—	—	—	—	—	—	—	41	39	36	1	2	0.0
11	St. Abbs Head ... 280	1014.2	+10	NW	2	bc	44	97	6	—	—	—	—	—	1017.3	+18	NW	3	bc	43	97	7	8	—	—	—	—	—	—	—	45	39	—	1	3	0.0
	Leuchars ... 36	1014.3	+8	NW	2	bc	39	97	6	—	—	—	—	—	1018.5	+22	NW	2	bc	38	97	6	—	—	—	—	—	—	—	—	41	36	32	7	3	0.0
12	Renfrew (Abbots I.) ... 19	1016.2	+18	NW	2	bc	44	97	6	—	—	—	—	—	1019.7	+18	NW	2	bc	41	97	1	5	—	—	—	—	—	—	—	41	30	27	3	2	0.0
	Eskdalemuir ... 794	1016.6	+22	NW	2	bc	44	97	6	—	—	—	—	—	1019.8	+18	NW	2	bc	36	97	6	5	—	—	—	—	—	—	—	42	36	31	2	8	0.0
	Point of Ayre ... 30	1016.6	+22	NW	2	bc	44	97	6	—	—	—	—	—	1020.2	+18	NW	3	bc	42	97	1	—	—	—	—	—	—	—	—	48	38	—	1	—	0.0
13A	Tiree ... 22	1013.2	+20	S	3	c	45	92	7	—	—	—	—	—	1017.6	+18	SSW	2	bc	42	97	8	5	—	—	—	—	—	—	—	45	38	34	1	2	0.0
13B	Stornoway ... 80	1013.2	+20	S	3	c	45	92	7	—	—	—	—	—	1017.0	+12	NW	2	bc	41	97	7	5	—	—	—	—	—	—	—	45	41	—	7	0.6	0.0
15	Dalwhinnie ... 1176	1014.0	+14	SSW	5	bc	45	97	6	—	—	—	—	—	1017.8	+18	NW	2	bc	41	97	7	4	—	—	—	—	—	—	—	41	27	19	Tr	3	0.0
	Aberdeen ... 79	1014.0	+14	SSW	5	bc	45	97	6	—	—	—	—	—	1017.5	+14	NW	2	bc	43	97	6	2	—	—	—	—	—	—	—	44	41	39	8	10	0.0
	Wick ... 81	1017.2	+8	SSW	8	bc	41	97	6	—	—	—	—	—	1019.0	+16	SE	7	bc	43	97	6	6	—	—	—	—	—	—	—	44	40	—	—	6	0.0
16	Lerwick ... 156	1015.3	+16	S	2	bc	49	85	7	—	—	—	—	—	1018.3	+22	NW	2	bc	47	97	7	3	—	—	—	—	—	—	—	53	46	—	2	3	0.0
	Blackod Point ... 18	1015.3	+20	S	2	bc																														

THE DAILY WEATHER REPORT

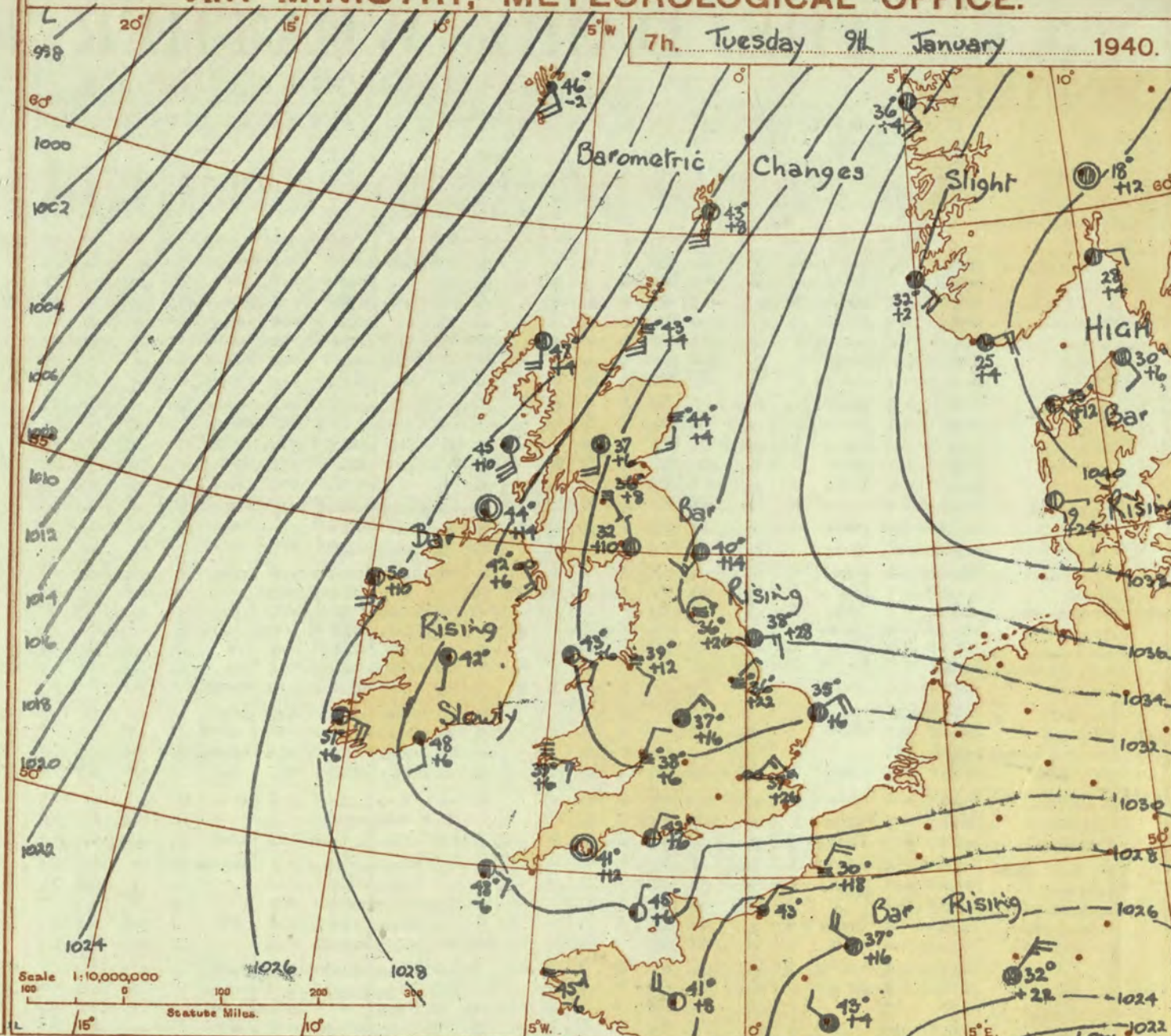
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 31st January 1940.
No. 28,587.

OBSERVATIONS at 13h. G.M.T. 31st January														OBSERVATIONS at 18h. G.M.T. 31st January														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.			Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			State of ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.									
				Direc.	Force. 0-12 (4)					Form.	Amount. Low Total 0-10 0-10 (12) (13)	Height of Base (feet) (14)			Direc.	Force. 0-12 (18)					Form.	Amount. Low Total 0-10 0-10 (24) (25)	Height of Base (feet) (26)			7h.—13h. 31st (37)	13h.—18h. 31st (38)	18h.—7h. 1st Feb. (39)	7h.—7h. 2nd Feb. (40)						
1	London (Kew)...	1022.3	0	NW	3	3	43	85	5	-	2-3	2-3	1500	1024.7	+12	NW	2	3	41	32	5	-	-	-	-	-	1	*	offbcm	bebcm	bcccm	cm			
	Croydon ...	1022.2	+2	W	3	3	43	92	4	-	4	1	-	1024.6	+14	WN	2	2	41	32	2	5	-	-	10	10	1500	1	*	cm	bcm	bcm	cm		
	S. Farnborough	1022.8	+6	NW	3	3	46	85	5	4	1	2-3	2-3	1500	1025.1	+12	WNW	2	3	42	32	4	5	-	-	3	3	1500	1	*	cm	bcm	bcm	cm	
	Boscombe Down	1025.7	+6	NW	3	3	48	85	5	-	-	0	-	1025.6	+14	NW	2	3	41	32	5	-	-	-	0	0	-	1	*	cm	bcm	bcm	cm		
	Calshot (Soton.)	1022.9	+6	NW	2	2	47	85	5	-	3	-	0	-	1024.8	+10	NW	3	3	43	32	5	-	-	0	0	-	1	*	cm	bcm	bcm	cm		
	Lympne ...	1020.8	+6	NW	4	4	44	85	5	-	-	0	-	1022.7	+10	NNW	4	3	44	35	5	5	-	-	3	3	1500	1	*	cm	bcm	bcm	cm		
	Manston ...	1020.6	+4	NW	4	4	40	85	5	-	-	0	-	1022.7	+10	NNW	4	3	43	35	5	5	-	-	10	10	800	1	*	cm	bcm	bcm	cm		
2	Shoeburyness ...	1021.3	+6	NW	3	3	47	85	5	4	3	1	2-3	1023.2	+12	NNW	2	3	44	32	5	5	-	-	10	10	2500	1	*	cm	bcm	bcm	cm		
	Felixstowe ...	1020.1	+6	NW	3	3	44	85	5	-	-	4-6	4000	1021.8	+16	NNW	4	3	43	32	5	5	-	-	10	10	800	1	2	cm	bcm	bcm	cm		
	Gorleston ...	1019.4	0	WNW	3	3	42	82	5	-	-	10	10	1500	1022.4	+20	N/E	3	m/p	40	32	4	5	-	-	10	10	1500	1	2	cm	bcm	bcm	cm	
	Mildenhall ...	1020.9	+6	NW	3	3	41	85	5	3	-	2-3	4-6	1023.8	+18	NNW	2	m	41	32	4	5	-	-	10	10	1500	1	*	cm	bcm	bcm	cm		
	Cranwell ...	1021.7	+8	NW	2	2	44	85	4	-	-	0	0	1024.3	+16	NW	2	m	40	32	4	5	-	-	10	10	2500	1	*	cm	bcm	bcm	cm		
3	Birmingham ...	1024.4	+4	NW	3	3	44	92	4	5	-	10	10	1500	1025.8	+12	NNW	2	m	44	35	4	5	-	-	10	10	800	1	*	cm	bcm	bcm	cm	
	Upper Heyford	1023.6	+10	NW	3	3	42	97	5	5	-	3	3	1024.9	+4	N	3	m	43	37	4	5	-	-	10	10	800	1	*	cm	bcm	bcm	cm		
4	Ross-on-Wye ...	1023.6	+4	SW	1	1	47	85	7	5	-	-	-	1025.7	+12	WN	1	c	44	35	8	5	-	-	10	10	2500	1	*	cm	bcm	bcm	cm		
5	Hartland Point ...	1024.9	+6	WSW	3	3	46	97	5	-	-	10	10	1500	1026.5	+14	SW	3	c/d	46	97	6	5	2	-	78	3	1500	1	2	cm	bcm	bcm	cm	
	Bristol ...	1024.3	+2	W	1	1	45	85	5	-	3	-	-	1024.6	+16	bf-	38	37	2	-	-	-	-	-	-	-	-	1	*	cm	bcm	bcm	cm		
	Portland Bill ...	1023.7	+2	NW	3	3	46	85	5	4	-	4-6	4000	1025.6	+10	N	2	be	44	32	7	5	-	-	2-3	2-3	2500	1	2	cm	bcm	bcm	cm		
	Plymouth ...	1025.3	+6	WN	1	1	46	97	4	5	-	3	3	220	1026.8	+16	WN	2	ff	44	37	1	-	-	10	10	1500	1	2	cm	bcm	bcm	cm		
	The Lizard ...	1025.8	+8	W	0	0	46	97	4	6	-	10	10	800	1027.5	+10	W	2	be	47	37	1	4	-	-	4-6	4-6	1500	1	1	cm	bcm	bcm	cm	
	Scilly (St. Mary's)	1025.6	+6	SW	2	2	52	92	7	5	3	4	1	1026.6	+12	W	2	be	48	37	6	5	3	-	1	4	2500	1	2	cm	bcm	bcm	cm		
	Guernsey ...	1025.5	+4	NW	1	1	43	92	7	-	7	6	0	1025.8	+16	NW	1	be	46	92	7	-	7	8	0	2-3	-	1	2	cm	bcm	bcm	cm		
6	Pembroke ...	1024.6	+6	W	2	2	49	97	6	5	-	3	3	800	1026.1	+12	NW	2	c	47	32	6	5	2	-	78	10	1500	1	2	cm	bcm	bcm	cm	
7	Holyhead ...	1023.7	+8	SW	1	1	49	92	6	5	-	4-6	4000	1026.0	+14	W	2	c	46	32	6	5	-	-	10	10	2200	1	*	cm	bcm	bcm	cm		
	Chester (Sealand)	1023.8	+10	-	0	0	46	92	4	5	-	3	3	1200	1026.2	+14	NNW	2	m	46	37	4	5	-	-	10	10	2500	1	*	cm	bcm	bcm	cm	
8	Manchester ...	1023.7	+10	NW	1	1	43	97	3	5	-	10	10	450	1026.2	+12	W	2	op	47	37	3	5	-	-	10	10	450	1	*	cm	bcm	bcm	cm	
10	Spurn Head ...	1020.8	+4	NW	4	4	40	97	4	5	-	10	10	800	1024.4	+14	W	3	op	41	37	5	5	-	-	10	10	800	1	2	cm	bcm	bcm	cm	
	Catterick ...	1021.3	+6	WN	1	1	47	75	8	5	-	1	1	4000	1025.3	+20	bf-	38	37	7	5	-	-	-	-	2-3	2-3	4000	1	2	cm	bcm	bcm	cm	
	Tynemouth ...	1022.2	+12	WNW	3	3	43	92	6	5	-	2-3	4-6	2500	1024.3	+8	WNW	3	be	40	37	6	2	-	-	4-6	4-6	2500	1	1	cm	bcm	bcm	cm	
11	St. Abbs Head ...	1023.3	+10	WNW	3	3	45	75	8	4	-	2-3	2-3	2500	1025.1	+8	WNW	2	b	43	35	6	-	-	-	0	0	-	0	2	cm	bcm	bcm	cm	
	Leuchars ...	1021.3	+14	W	2	2	45	75	7	5	7	-	-	1025.1	+12	-	0	b	36	32	7	-	-	-	0	0	-	1	*	cm	bcm	bcm	cm		
12	Renfrew (Abbots L.)	1023.3	+14	W	0	0	38	97	3	5	-	3	3	2500	1026.1	+16	-	0	F	40	37	1	-	-	-	10	10	1500	1	*	cm	bcm	bcm	cm	
	Eskdalemuir ...	1022.4	+6	SE	1	1	46	85	5	-	-	1	1	2500	1026.3	+14	SE	1	be	36	32	8	5	-	-	2-3	2-3	2500	1	*	cm	bcm	bcm	cm	
	Point of Ayre ...	1023.5	+14	NE	1	1	46	87	7	5	7	-	4-6	3	1500	1025.9	+14	-	0	c	43	37	7	5	-	-	3	3	800	1	1	cm	bcm	bcm	cm
13a	Three ...	1021.5	+14	SW	2	2	50	92	8	7	-	2-3	2-3	2500	1024.5	+12	SSE	1	c	40	37	5	4	-	-	2-3	2-3	1500	0	2	cm	bcm	bcm	cm	
13b	Stornoway ...	1020.5	+6	SE	1	1	46	92	7	5	6	-	2-3	2-3	2500	1024.2	+14	WSW	1	b	43	37	8	5	-	-	10	10	2500	1	1	cm	bcm	bcm	cm
15	Dalwhinnie ...	*	+12	W	3	3	35	97	3	5	1	-	4-6	10	800	*	+20	-	0	38	37	7	4	-	-	4-6	7-8	2500	1	3	cm	bcm	bcm	cm	
	Aberdeen ...	1021.3	+14	NW	2	2	44	86	7	5	-	7-8	7-8	1500	1025.8	+18	NW	1	c	41	37	6	5	-	-	7-8	7-8	1500	1	3	cm	bcm	bcm	cm	
	Wick ...	1021.5	+20	WSW	3	3	44	85	6	7	5	4-6	7-8	1500	1024.3	+18	WSW	1	be	36	37	5	5	1	-	2-3	2-3	1500	1	2	cm	bcm	bcm	cm	
	Lerwick ...	1023.0	+20	SE	7	7	42	92	7	6	2	-	4-6	10	800	1026.6	+10	SE	7	ic	42	35	6	5	2	-	7-8	10	800	1	*	cm	bcm	bcm	cm
17	Blacksod Point...	1022.4	+10	S	1	1	43	92	3	-	2	-	0	10	-	1024.6	+16	S	2	c	43	37	7	5	-	-	10	10	450	0	3	cm	bcm	bcm	cm
18	Malin Head ...	1022.0	+16	S	1	1	43	85	5	-	4	2-3	4-6	4000	1025.1	+14	S	2	c	42	32	7	5	-	-	2-3	2-3	4000	0	3	cm	bcm	bcm	cm	
	Aldergrove ...	1023.8	+14	SSW	2	2	41	97	1	-	-	10	10	1500	1026.1	+16	-	0	de	38	37	3	-	-	-	10	10	1500	1	*	cm	bcm	bcm	cm	
19	Birr Castle ...	1024.3	+4	SE	1	1	50	85	7	5	-	4-6	7-8	2500	1026.2	+4	SE	1	be	42	37	8	5												

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 9th January 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th January, 1940.
1 S.E. England	Wind between northeast and east, moderate; dull today, with perhaps occasional light drizzle locally; mainly fine tomorrow; temperatures below average, with frost tomorrow morning.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind east, light to moderate; cloudy, with occasional light drizzle locally; temperatures falling to below average.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Wind between east and south, light; cloudy, with occasional light drizzle and local fog patches; rather cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind south, moderate to fresh; cloudy, with some bright intervals; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Wind between south and southeast, moderate; cloudy, with occasional light drizzle locally; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An extensive anticyclone centred south of Finland extends across the British Isles and pressure is low in the ICELAND area. Weather will be mainly dull, with occasional light drizzle locally, but with bright periods in Southeast England tomorrow. Temperature will be about average in Ireland and western Scotland, but will be rather cold elsewhere, with frost in Southeast England tomorrow morning.

FURTHER OUTLOOK.

Cold and mainly fair.

Forecasts issued at 11.30 G.M.T.

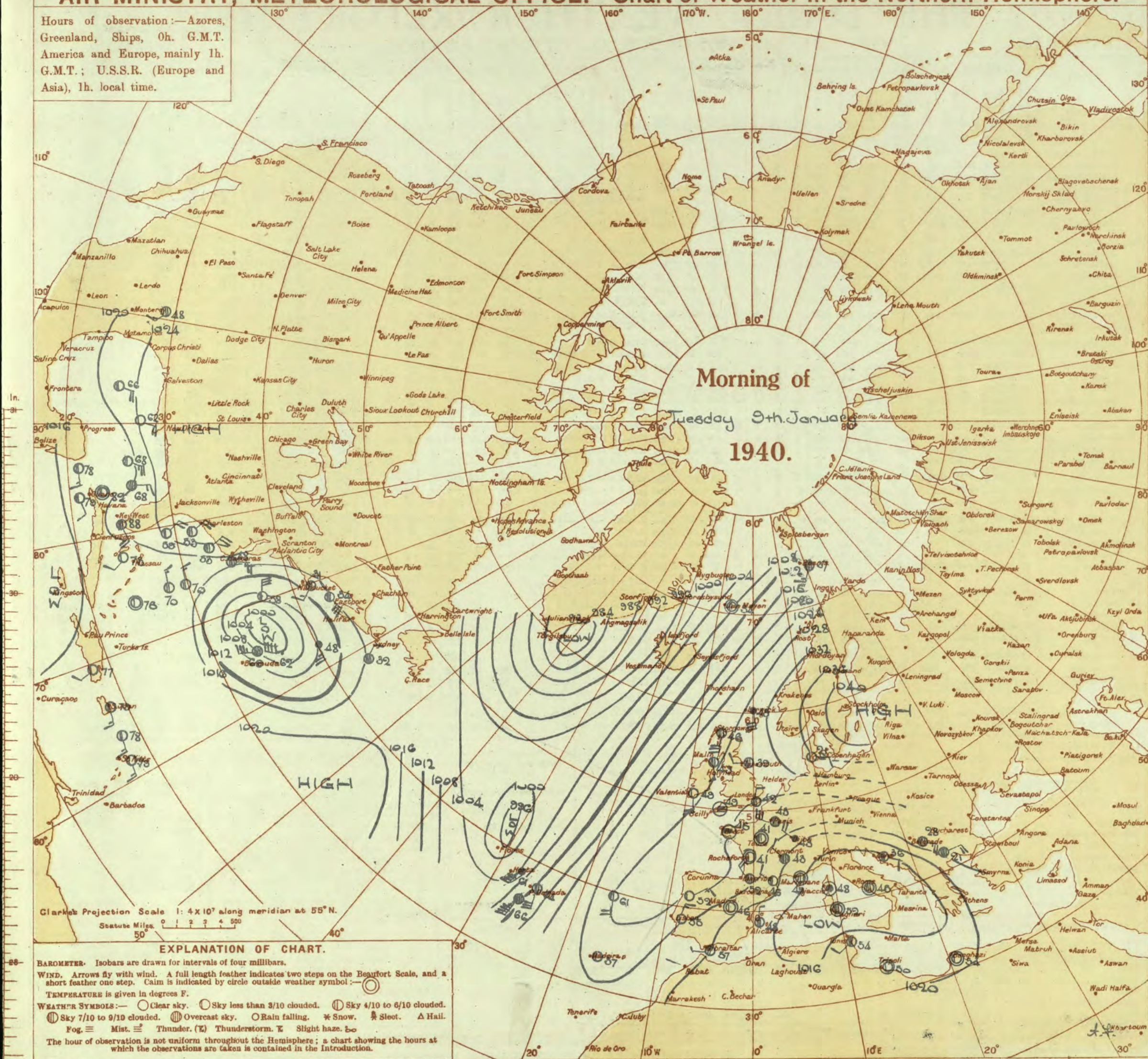
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

2474/3826, W. 8/109, D 4626, Sp. 548/140

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Tuesday 9th January 1940.
No. 28537

OBSERVATIONS at 1 hr. G.M.T. 8th January														OBSERVATIONS at 7 hr. G.M.T. 9th January														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. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SON-SHINE Hrs.					
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	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.						
																																				0-12	0-10	0-10	0-10	0-10
1	London (Kew) ... 18	1027.4	+6	2	NE	2	3	42	32	4	—	—	—	—	—	1032.1	+24	NE	3	2	38	85	5	—	—	—	—	—	—	44	38	32	0.1	—	—	4.2				
	Croydon ... 217	1027.4	+6	2	NE	2	3	42	32	4	—	—	—	—	—	1031.6	+26	NE	3	3	37	82	5	—	—	—	—	—	—	44	36	34	—	—	—	1.6				
	S. Farnborough ... 226	1026.6	+8	2	NE	2	3	38	37	5	—	—	—	—	—	1032.1	+26	NE	2	2	38	82	5	—	—	—	—	—	—	47	38	33	Tr	—	—	4.3				
	Boscombe Down ... 417	1029.0	+10	2	NE	2	3	38	37	5	—	—	—	—	—	1031.4	+14	NE	4	3	39	82	5	—	—	—	—	—	—	46	37	34	Tr	—	—	6.7				
	Calshot (Stmnt.) ... 8	1027.6	+2	2	NE	2	3	38	37	5	—	—	—	—	—	1030.6	+18	NE	3	4	34	85	4	—	—	—	—	—	—	49	36	31	Tr	—	—	6.5				
	Lymington ... 346	1026.8	+14	2	NE	2	3	37	37	5	—	—	—	—	—	1031.1	+34	NE	4	2	34	92	5	—	—	—	—	—	—	43	34	34	—	—	—	3.2				
	Manaton ... 154	1026.5	+16	2	NE	2	3	35	37	6	—	—	—	—	—	1030.3	+12	NE	5	2	35	92	5	—	—	—	—	—	—	43	34	34	Tr	—	—	0.6				
2	Shoeburyness ... 11	1027.4	+20	2	NE	3	3	38	37	5	—	—	—	—	—	1032.1	+30	NE	4	2	36	82	5	—	—	—	—	—	—	47	36	34	—	—	—	3.6				
	Felixstowe ... 15	1027.4	+20	2	NE	3	3	38	37	5	—	—	—	—	—	1030.9	+14	NE	5	2	35	85	5	—	—	—	—	—	—	45	35	35	Tr	0.1	—	1.1				
	Corleston ... 5	1027.9	+16	2	NE	4	3	37	85	6	—	—	—	—	—	1031.6	+6	NE	4	2	35	82	5	—	—	—	—	—	—	42	34	33	0.4	—	—	—				
	Mildenhall ... 19	1028.6	+14	2	NE	2	3	38	37	4	—	—	—	—	—	1033.1	+18	NE	3	3	35	87	5	—	—	—	—	—	—	46	34	34	0.1	Tr	—	3.4				
	Cranwell ... 240	1028.5	+20	2	—	0	3	37	37	3	—	—	—	—	—	1033.2	+22	NE	1	3	36	85	4	—	—	—	—	—	—	44	34	32	—	Tr	—	4.7				
3	Birmingham ... 535	1028.9	+14	NE	2	3	35	37	4	5	—	—	—	—	—	1033.4	+16	NE	3	0	37	92	5	—	—	—	—	—	—	45	37	39	0.1	—	—	0.0				
	Upper Heyford ... 408	1028.9	+14	NE	2	3	35	37	4	5	—	—	—	—	—	1031.8	+16	NE	2	2	37	97	6	—	—	—	—	—	—	43	35	33	—	—	—	5.8				
4	Ross-on-Wye ... 223	1028.9	+14	NE	2	3	35	37	4	5	—	—	—	—	—	1032.2	+6	NE	2	3	37	97	6	—	—	—	—	—	—	43	38	31	—	0.1	—	—				
5	Hartland Point ... 299	1028.9	+4	1	—	0	43	37	8	5	—	—	—	—	—	1030.8	+2	E	2	4	43	37	8	5	—	—	—	—	—	—	48	42	41	0.2	—	—	0.5			
	Bristol ... 209	1029.3	+2	0	—	0	39	37	4	5	—	—	—	—	—	1032.0	+10	NNE	2	2	40	37	5	—	—	—	—	—	—	—	46	34	30	—	—	—	5.0			
	Portland Bill ... 32	1027.8	+4	2	—	0	43	32	7	5	—	—	—	—	—	1029.5	+6	NNE	2	0	42	32	7	5	—	—	—	—	—	—	49	41	—	—	—	—	—			
	Plymouth ... 82	1029.1	+4	1	—	0	45	37	4	5	—	—	—	—	—	1031.0	+12	NE	0	0	41	37	7	5	—	—	—	—	—	—	50	41	31	0.2	—	—	2.0			
	The Lizard ... 240	1029.3	0	0	—	0	45	37	3	5	—	—	—	—	—	1030.3	—	NE	2	0	45	37	7	5	—	—	—	—	—	—	48	43	—	—	—	—	1.8			
	Scilly (St. Mary's) ... 163	1028.6	+2	0	—	0	45	37	3	5	—	—	—	—	—	1029.2	—	ESE	2	0	45	37	7	5	—	—	—	—	—	—	52	47	—	—	—	—	4.3			
	Guernsey ... 175	1027.9	+4	NE	1	0	46	32	7	5	—	—	—	—	—	1029.6	+6	NE	1	0	48	85	5	—	—	—	—	—	—	—	50	45	36	—	—	—	5.7			
6	Pembroke ... 142	1029.6	+2	0	—	0	44	37	7	5	—	—	—	—	—	1031.3	+6	ESE	3	0	39	37	1	—	—	—	—	—	—	—	50	38	—	—	—	—	0.3			
7	Holyhead ... 26	1029.6	+6	0	—	0	44	32	6	5	—	—	—	—	—	1031.9	+6	ESE	3	0	43	85	8	—	—	—	—	—	—	—	50	42	39	—	—	—	1.5			
8	Chester (Sealand) ... 16	1030.2	+12	NE	1	0	42	37	5	5	—	—	—	—	—	1033.3	+12	SE	0	0	34	37	3	—	—	—	—	—	—	—	47	35	38	0.2	Tr	—	0.4			
	Manchester ... 70	1030.6	+16	NE	1	0	37	37	5	—	—	—	—	—	—	1033.8	+8	SE	0	0	34	37	3	—	—	—	—	—	—	—	49	31	33	2	Tr	—	0.0			
10	Spurn Head ... 29	1030.5	+18	ESE	1	0	39	37	6	5	—	—	—	—	—	1034.3	+28	E	3	0	38	85	6	—	—	—	—	—	—	—	42	38	—	—	—	—	0.4			
	Catterick ... 175	1030.9	+22	—	0	0	37	32	6	5	—	—	—	—	—	1034.1	+20	—	0	0	36	97	4	—	—	—	—	—	—	—	47	35	27	—	—	—	6.2			
	Tynemouth ... 108	1031.0	+12	—	0	0	39	32	6	5	—	—	—	—	—	1034.6	+14	SA	0	0	40	37	5	—	—	—	—	—	—	—	44	36	33	—	—	—	—			
11	St. Abbs Head ... 280	1029.4	+18	NNE	2	0	42	85	6	5	—	—	—	—	—	1032.6	+10	SSW	3	0	38	37	7	8	—	—	—	—	—	—	46	46	2500	0	2	(45)	37	—	—	—
	Leuchars ... 36	1030.3	+14	—	0	0	34	37	6	5	—	—	—	—	—	1032.7	+14	W	2	0	—	37	6	5	—	—	—	—	—	—	—	45	31	21	—	—	—	5.0		
12	Renfrew (Abbots L.) ... 19	1030.2	+14	—	0	0	39	37	1	—	—	—	—	—	—	1032.6	+8	SE	1	0	36	37	2	—	—	—	—	—	—	—	—	42	36	34	0.1	0.1	—	0.0		
	Eskdalemuir ... 794	1029.7	+16	SSW	2	0	42	37	1	—	—	—	—	—	—	1033.8	+10	NW	1	0	32	37	5	—	—	—	—	—	—	—	—	45	24	19	—	—	—	0.3		
	Point of Ayre ... 30	1029.7	+16	SSW	2	0	42	37	1	—	—	—	—	—	—	1032.2	+4	SE	3	0	42	37	7	5	—	—	—	—	—	—	—	46	41	—	—	—	—	0.3		
13A	Tiree ... 22	1026.9	+4	S	4	0	46	85	8	4	7	—	—	—	—	1028.2	+10	SSW	4	0	45	92	7	5	—	—	—	—	—	—	—	50	35	33	—	—	—	0.0		
13B	Stornoway ... 80	1026.9	+4	S	4	0	46	85	8	4	7	—	—	—	—	1027.5	+4	S	4	0	47	75	8	5	—	—	—	—	—	—	—	47	42	—	—	—				

THE DAILY WEATHER REPORT

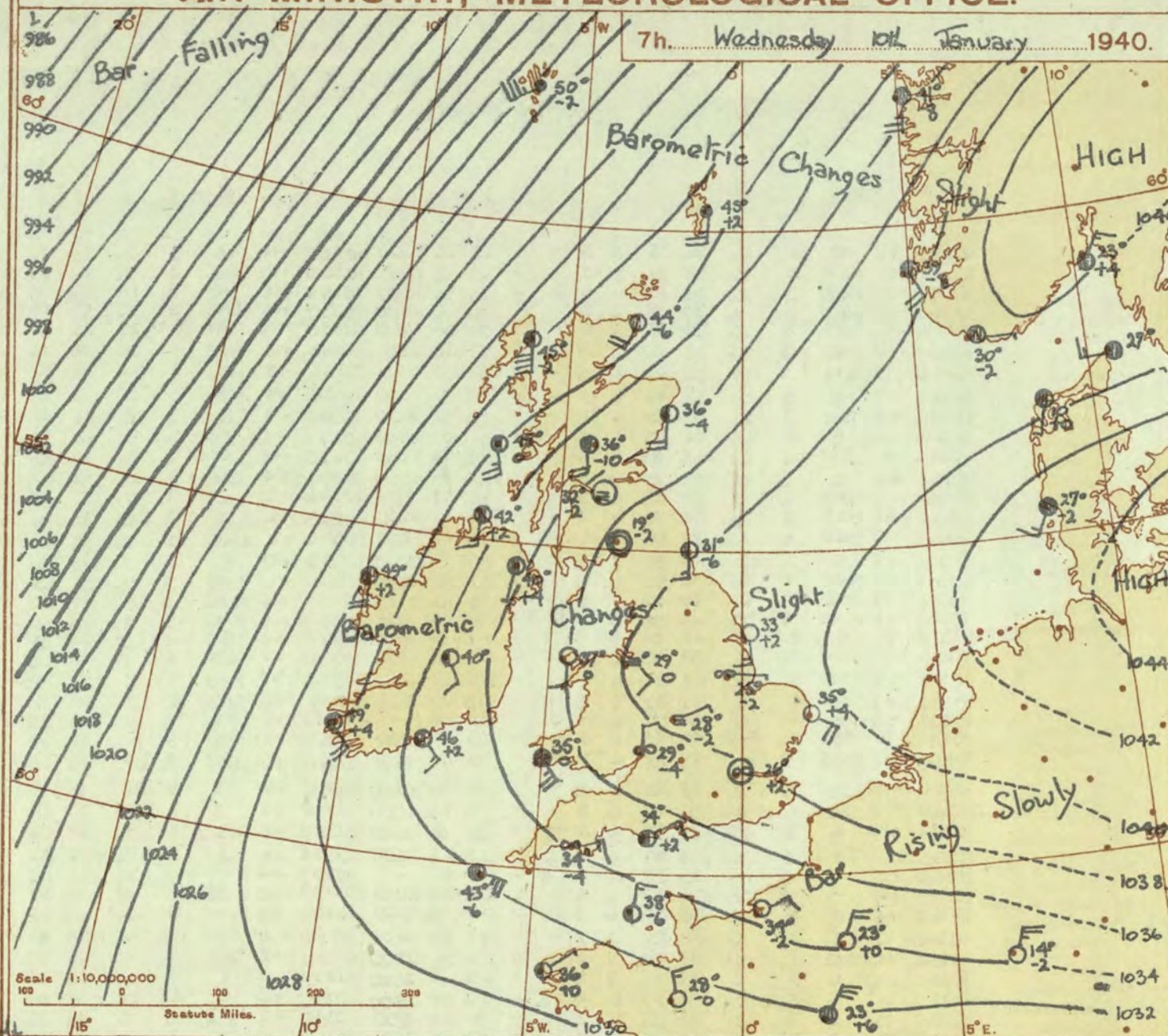
OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Wednesday 10th January 1940.
 No. 28538

OBSERVATIONS at 13h. G.M.T. 5th January														OBSERVATIONS at 18h. G.M.T. 5th January														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	0-9 Visibility.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	0-9 Visibility.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Dir.	Force.					Form.	Amount.	Height of Base (feet)			Dir.	Force.					Form.	Amount.	Height of Base (feet)			State of Ground.	Sea.	7h.—13h. 5th.	13h.—18h. 5th.	18h.—10th to 10th.	10h.—7h. 10th.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
																																Low.	Med.	High	Low	Total	0-10	0-10	0-10	0-10	0-10	0-9	0-9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1	London (Kew)...	1034.5	+6	NE	4	z	36	75	5	-	-	10	10	1500	1030.7	+14	NE	3	z	34	75	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10	10	1500	1035.5	+10	NE	3	z	33	85	5	-	-	-	10

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 10th January 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th January, 1940.
1 S.E. England	Light east to southeast wind; fine; local fog night and morning; rather cold during day, sharp night frost.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light or moderate east to southeast wind, fresh locally on coast; fine or fair; rather cold; night frost inland.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Light or moderate south wind; fine; local fog, becoming more general on low ground later; cold, sharp night frost.
9 N. Midlands ...	
10 N.E. England	Moderate or light south or southwest wind, fair; rather cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Strong south to southwest wind, gale locally; cloudy, slight local rain; rather mild.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	As 11 - 12.
16 Orkneys and Shetlands	As 13.
17 N.W. Ireland	Moderate or fresh south wind; cloudy, bright intervals locally; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone extending from Russia to England is moving slowly south, while pressure is low off West ICELAND and is falling all over the far North. Over most of the country weather will be fair with sharp night frost but in the extreme Northwest and North there will be a south-southwest gale and slight local rain.

FURTHER OUTLOOK.

Not much change, but increasing tendency for fog in the Midlands, East and Southeast of England.

Forecasts issued at 11.30 G.M.T.

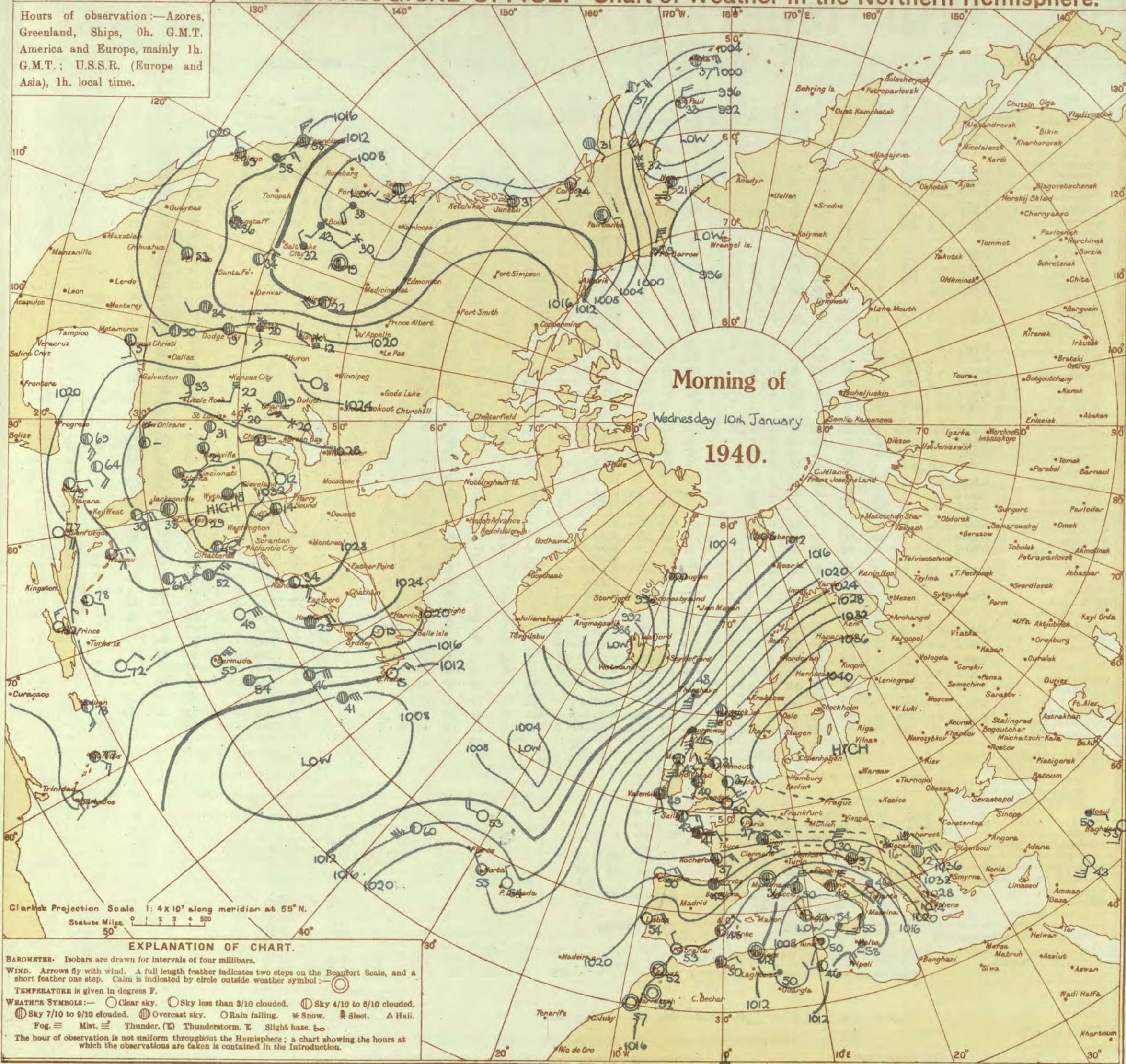
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

8474/3808. Wk 6/109 D 6026. 6p. 348. 1/40.

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Wednesday 10th January 1940.
 N28538.

OBSERVATIONS at 1 hr. G.M.T. 10th January															OBSERVATIONS at 7 hr. G.M.T. 10th January															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. (6)	Temp. °F. (8)	Humid. % (7)	Visibility. 0-9 (9)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (20)	Temp. °F. (22)	Humid. % (21)	Visibility. 0-9 (23)	Cloud.					State of ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.				RAINFALL.		SUNSHINE Hrs. (36)		
					Direc. (3)	Force. 0-12 (4)					Low. (10)	Med. (11)	High (12)	Low 0-10 (13)	Total 0-10 (14)			Height of Base. (feet) (14)	Direc. (17)					Force 0-12 (18)	Low. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)		Night 18h-7h mm. (35)	
1	London (Kew)	18	1037.5	-2	E	2	33	37	4	1	-	-	-	-	1037.5	+2	E	3	2	31	78	5	-	-	-	-	-	3	38	30	22	-	-	-	-	0.0			
	Croydon	217	1036.5	-2	E	2	33	37	4	1	-	-	-	-	1037.1	+2	E	3	2	26	85	6	-	-	-	-	-	3	37	24	16	-	-	-	-	0.0			
	S. Farnborough	226	1036.5	-2	E	2	33	37	4	1	-	-	-	-	1037.6	+4	E	3	2	28	85	6	-	-	-	-	3	35	25	22	-	-	-	-	0.0				
	Boscombe Down	417	1036.7	-10	E	2	33	37	4	1	-	-	-	-	1036.4	-4	E	3	2	27	85	5	-	-	-	-	3	35	27	23	-	-	-	-	0.0				
	Calshot (St. Mary's)	8	1035.7	-2	E	1	33	37	4	1	-	-	-	-	1035.9	0	E	3	2	29	85	5	-	-	-	-	3	42	28	26	-	-	-	-	0.0				
	Lymington	346	1037.2	+6	E	3	33	37	4	1	-	-	-	-	1037.2	+2	E	2	2	28	78	6	-	-	-	-	3	35	28	24	-	-	-	-	0.0				
2	Manston	154	1037.6	+8	E	2	32	37	5	1	-	-	-	-	1038.0	+6	E	2	2	30	78	6	-	-	-	-	3	35	30	25	-	-	-	-	0.0				
	Shoeburyness	11	1037.7	+10	E	3	33	37	4	1	-	-	-	-	1037.8	+2	E	3	3	33	85	6	-	-	-	-	3	38	33	25	-	-	-	-	0.0				
	Felixstowe	15	1037.9	+4	E	3	33	37	4	1	-	-	-	-	1037.9	+2	E	3	3	34	85	5	-	-	-	-	3	36	34	29	-	-	-	-	0.0				
	Gorleston	5	1038.9	+2	E	3	33	37	4	1	-	-	-	-	1039.2	+1	E	4	3	35	78	5	-	-	-	-	3	37	34	33	-	-	-	-	0.5				
	Mildenhall	19	1038.6	+2	E	3	33	37	4	1	-	-	-	-	1038.3	-2	E	2	2	36	82	5	-	-	-	-	3	41	24	17	-	-	-	-	0.2				
	Cranwell	240	1038.7	+6	E	3	33	37	4	1	-	-	-	-	1038.5	-2	E	3	2	25	82	5	-	-	-	-	3	36	25	17	-	-	-	-	0.0				
3	Birmingham	535	1037.4	-4	E	1	33	37	4	1	-	-	-	-	1038.2	-2	E	1	1	28	97	5	-	-	-	-	3	37	27	25	-	-	-	-	0.0				
	Upper Heyford	408	1037.4	-4	E	1	33	37	4	1	-	-	-	-	1037.2	0	E	2	2	25	97	5	-	-	-	-	3	37	24	15	-	-	-	-	0.0				
4	Ross-on-Wye	223	1037.2	-4	E	2	33	37	4	1	-	-	-	-	1037.2	-4	E	2	2	29	92	5	-	-	-	-	3	40	28	26	-	-	-	-	0.0				
	Hartland Point	299	1035.1	0	E	3	32	85	6	5	2	-	-	-	1034.9	-4	E	3	3	29	92	6	-	-	-	-	1	45	29	27	-	-	-	-	0.7				
	Bristol	209	1037.3	+2	E	3	32	85	6	5	2	-	-	-	1036.9	-6	E	3	3	26	97	5	-	-	-	-	1	40	25	13	-	-	-	-	0.0				
	Portland Bill	32	1035.0	-6	E	3	35	85	7	5	2	-	-	-	1034.2	-2	E	3	3	34	92	7	-	-	-	-	1	46	32	29	-	-	-	-	0.0				
	Plymouth	82	1034.8	-2	E	3	36	85	5	5	2	-	-	-	1034.5	-4	E	3	3	34	85	6	-	-	-	-	1	43	34	29	-	-	-	-	1.5				
	The Lizard	240	1033.0	-4	E	3	41	75	6	5	2	-	-	-	1033.0	-4	E	4	4	41	85	8	-	-	-	-	1	47	38	29	-	-	-	-	0.1				
5	Scilly (St. Mary's)	163	1032.6	0	E	3	49	75	7	5	2	-	-	-	1031.3	-6	E	3	3	43	75	6	-	-	-	-	1	48	42	31	-	-	-	-	0.1				
	Guernsey	175	1035.3	+6	E	3	36	85	6	5	2	-	-	-	1032.8	-6	E	3	3	36	75	6	-	-	-	-	1	46	36	31	-	-	-	-	0.0				
	Pembroke	142	1035.3	0	E	3	40	85	6	5	2	-	-	-	1034.9	0	E	3	3	35	85	6	-	-	-	-	1	45	34	30	-	-	-	-	0.0				
	Holyhead	28	1037.6	-2	E	4	32	85	4	5	-	-	-	-	1037.7	0	E	2	2	37	85	4	-	-	-	-	3	40	29	26	-	-	-	-	0.7				
	Chester (Sealand)	16	1038.1	-2	E	1	27	97	5	-	-	-	-	-	1038.2	+2	E	1	1	27	97	5	-	-	-	-	3	40	23	16	-	-	-	-	0.0				
	Manchester	70	1038.1	-2	E	1	27	97	5	-	-	-	-	-	1038.2	+2	E	1	1	27	97	5	-	-	-	-	3	40	23	16	-	-	-	-	0.0				
6	Spurn Head	29	1039.4	+4	E	3	37	85	7	-	-	-	-	-	1038.1	+2	E	3	3	33	85	6	-	-	-	-	0	38	33	21	-	-	-	-	0.6				
	Catterick	175	1038.6	0	E	3	32	85	6	5	-	-	-	-	1038.1	0	E	3	3	33	85	6	-	-	-	-	0	38	33	21	-	-	-	-	0.1				
	Tynemouth	108	1038.6	0	E	3	32	85	6	5	-	-	-	-	1037.9	-6	E	3	3	31	92	6	-	-	-	-	3	41	30	27	-	-	-	-	0.1				
	St. Abbs Head	280	1035.7	-10	E	3	33	85	6	4	-	-	-	-	1035.3	-6	E	3	3	31	65	7	-	-	-	-	3	38	28	25	-	-	-	-	0.0				
	Leuchars	36	1035.3	-6	E	3	35	97	5	5	-	-	-	-	1034.9	-2	E	3	3	32	97	5	-	-	-	-	3	35	32	29	-	-	-	-	0.6				
	Renfrew (Abbots I.)	19	1036.0	0	E	3	32	97	3	-	-	-	-	-	1035.5	-2	E	3	3	32	97	3	-	-	-	-	3	37	28	25	-	-	-	-	0.0				
7	Eskdalemuir	794	1035.7	-10	E	3	33	85	6	4	-	-	-	-	1035.5	-2	E	3	3	32	97	3	-	-	-	-	3	37	28	25	-	-	-	-	0.0				
	Point of Ayre	30	1035.7	-10	E	3	33	85	6	4	-	-	-	-	1035.5	-2	E	3	3	32	97	3	-	-	-	-	3	37	28	25	-	-	-	-	0.0				
	Tiree	22	1028.4	-4	E	3	45	85	6	5	2	-	-	-	1030.4	0	E	3	3	45	85	7	-	-	-	-	0	47	44	45	-	-	-	-	0.0				
	Stornoway	80	1028.4	-4	E	3	45	85	6	5	2	-	-	-	1028.1	-2	E	3	3	45	85	7	-	-	-	-	0	47	44	45	-	-	-	-	0.0				
	Dalwhinnie	1176	1030.1	-8	E	3	44	85	7	5	2	-	-	-	1032.2	-4	E	3	3	44	85	6	-	-	-	-	0	44	35	32	-	-	-	-	0.0				
	Aberdeen	79	1030.1	-8	E	3	44	85	7	5	2	-	-	-	1032.2	-4	E	3	3	44	85	6	-	-	-	-	0	44	35	32	-	-	-	-	0.0				
8	Wick	81	1030.2	-6	E	3	45	85	7	5	2	-	-	-	1029.5	+2	E	3	3	45	92	7	-	-	-	-	0	47	44	45	-	-	-	-	0.0				
	Lerwick	156	1030.2	-6	E	3	45	85	7	5	2	-	-	-	1029.5	+2	E	3	3	45	92	7	-	-	-	-	0	47	44	45	-	-	-	-	0.0				
	Blackod Point	18	1029.1	0	E	3	47	85	8	4	-	-	-	-	1028.7	+2	E	3	3	47	85	7	-	-	-	-	0	53	45	45	-	-	-	-	1.1				
	Malin Head	84	1030.3	+8	E	3	43	85	7	6	1	-	-	-	1031.3	+2	E	3	3	42	85	6	-	-	-	-	0	47	39	37	-	-	-	-	0.0				
	Aldergrove	268	1034.2	-2	E	3	42	92	6	5	-	-	-	-	1033.5	+2	E	3	3	40	92	7	-	-	-	-	0	46	40	36	-	-	-	-	0.0				
	Birr Castle	173	1032.5	0	E	3	42	85	8	-	-	-	-	-	1032.4	0	E	3	3	40	92	8	-	-	-	-	0	47	39	37	-	-	-	-	0.0				
9	Valentia Obay.	30	1030.2	+2	E	4	43	32	6	-	-	-	-	1030.4	+4	E	4	4	43	85	8	-	-	-	-	0	52	48	45	-	-	-	-	0.2					
	Roches Point	22	1032.6	0	E	4	47	32	8	-	-	-	-	1032.7	+2	E	3	3	46	85	8	-	-	-	-	0	54	45	45	-	-	-	-	0.0					

AIR
MINISTRY.

THE DAILY WEATHER REPORT

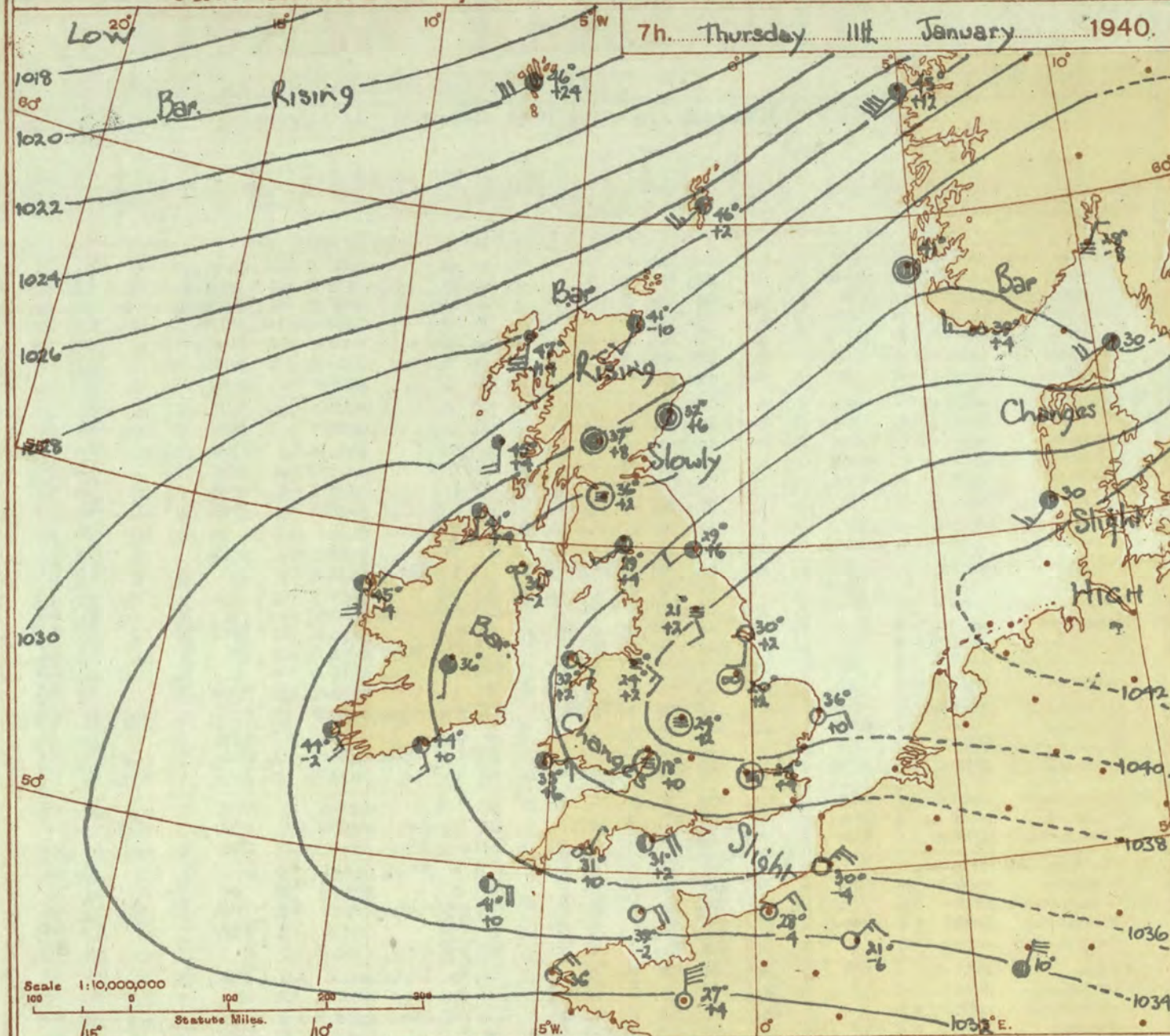
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 11th January 1940.
No 28, 539.

OBSERVATIONS at 13h. G.M.T. 10th January														OBSERVATIONS at 18h. G.M.T. 10th January														PAST 24 HOURS.					
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (7)	°C. (8)	Humid. (9)	Visibility. (10)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (21)	°C. (22)	Humid. (23)	Visibility. (24)	Cloud.				State of Ground. (29)	Sea. (30)	WEATHER.			
				Dir. (3)	Force. 0-12 (4)						Form. (11)	Amount. (12)	Height of Base. (feet) (13)	Dir. (17)			Force. 0-12 (18)	Form. (25)						Amount. (26)	Height of Base. (feet) (27)	7h.—13h. 10th (37)	13h.—18h. 10th (38)			18h.—to 11h. 11th (39)	11h.—7h. 11th (40)		
1	London (Kew) ...	30.7	-4	SE	3	34	55	6	-	-	-	-	30.8	+6	SE	3	31	55	6	-	-	-	-	-	-	-	-	3	-	bmxbm	bzxy	bbefx	bmox
	Croydon ...	30.7	-6	SE	3	34	55	6	-	-	-	-	30.8	+6	SE	3	31	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	S. Farnborough ...	30.7	-6	SE	3	34	55	6	-	-	-	-	30.8	+6	SE	3	31	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Boscombe Down ...	30.7	-4	SE	3	34	55	6	-	-	-	-	30.8	+6	SE	3	31	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Calshot (Soton) ...	30.4	0	SE	3	34	55	6	-	-	-	-	30.7	+10	SE	3	31	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Lympne ...	30.8	-4	SE	3	34	55	6	-	-	-	-	30.8	+2	SE	3	31	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Manston ...	30.8	-2	SE	3	34	55	6	-	-	-	-	30.8	+2	SE	3	31	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
2	Shoeburyness ...	30.8	-2	SE	3	34	55	6	-	-	-	-	30.9	+2	SE	3	31	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Felixstowe ...	30.8	-2	SE	3	34	55	6	-	-	-	-	30.9	+2	SE	3	31	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Gorleston ...	30.4	0	SE	3	34	55	6	-	-	-	-	30.4	0	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Mildenhall ...	30.3	0	SE	3	34	55	6	-	-	-	-	30.3	0	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Cranwell ...	30.3	-6	SE	3	34	55	6	-	-	-	-	30.3	-6	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
3	Birmingham ...	30.8	-2	SE	3	34	55	6	-	-	-	-	30.8	-2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Upper Heyford ...	30.7	-6	SE	3	34	55	6	-	-	-	-	30.8	-2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
4	Ross-on-Wye ...	30.7	-4	SE	3	34	55	6	-	-	-	-	30.8	+4	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
5	Hartland Point ...	30.3	0	SE	3	34	55	6	-	-	-	-	30.3	0	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Bristol ...	30.7	-3	SE	3	34	55	6	-	-	-	-	30.8	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Portland Bill ...	30.4	-2	SE	3	34	55	6	-	-	-	-	30.5	+12	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Plymouth ...	30.4	-4	SE	3	34	55	6	-	-	-	-	30.5	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	The Lizard ...	30.3	-6	SE	3	34	55	6	-	-	-	-	30.4	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Soilly (St. Mary) ...	30.2	-2	SE	3	34	55	6	-	-	-	-	30.3	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Guernsey ...	30.2	-2	SE	3	34	55	6	-	-	-	-	30.3	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
6	Pembroke ...	30.3	-2	SE	3	34	55	6	-	-	-	-	30.3	0	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
7	Holyhead ...	30.4	-1	SE	3	34	55	6	-	-	-	-	30.5	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Chester (Sealand) ...	30.7	-2	SE	3	34	55	6	-	-	-	-	30.8	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
8	Manchester ...	30.8	-6	SE	3	34	55	6	-	-	-	-	30.8	0	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
10	Spurn Head ...	30.4	+2	SE	3	34	55	6	-	-	-	-	30.5	0	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Catterick ...	30.8	-2	SE	3	34	55	6	-	-	-	-	30.8	-2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Tynemouth ...	30.8	-4	SE	3	34	55	6	-	-	-	-	30.8	-2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
11	St. Abbs Head ...	30.3	-4	SE	3	34	55	6	-	-	-	-	30.4	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Leuchars ...	30.3	0	SE	3	34	55	6	-	-	-	-	30.3	0	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
12	Reufrew (Abbots L.) ...	30.6	-2	SE	3	34	55	6	-	-	-	-	30.6	-2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Eskdalemuir ...	30.6	-2	SE	3	34	55	6	-	-	-	-	30.7	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Point of Ayre ...	30.6	-6	SE	3	34	55	6	-	-	-	-	30.6	-2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
13A	Tiree ...	30.3	-2	SE	3	34	55	6	-	-	-	-	30.4	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
13B	Stornoway ...	30.1	0	SE	3	34	55	6	-	-	-	-	30.2	+8	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
15	Dalwhinnie ...	30.3	-2	SE	3	34	55	6	-	-	-	-	30.4	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Aberdeen ...	30.2	-4	SE	3	34	55	6	-	-	-	-	30.3	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Wick ...	30.2	-4	SE	3	34	55	6	-	-	-	-	30.3	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
16	Lerwick ...	30.2	-2	SE	3	34	55	6	-	-	-	-	30.3	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
17	Blacksod Point ...	30.3	0	SE	3	34	55	6	-	-	-	-	30.4	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
18	Malin Head ...	30.1	-2	SE	3	34	55	6	-	-	-	-	30.2	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Aldergrove ...	30.4	-2	SE	3	34	55	6	-	-	-	-	30.5	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
19	Birr Castle ...	30.3	-6	SE	3	34	55	6	-	-	-	-	30.4	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
20	Valentia Obsy. ...	30.2	-4	SE	3	34	55	6	-	-	-	-	30.3	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox
	Roches Point ...	30.7	+2	SE	3	34	55	6	-	-	-	-	30.8	+2	SE	3	34	55	6	-	-	-	-	-	-	-	-	3	-	bm	bzxy	bbefx	bmox

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 11th January 1940



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T.
1 S.E. England	Wind easterly, moderate, freshening slowly; fine; cold with persistent frost in places.
2 E. England ...	
3 E. Midlands ...	Light southeast winds; fine apart from some local fog tending to persist; cold, frosty.
4 W. Midlands ...	
5 S.W. England	Wind easterly, moderate, freshening on the coast; fair or fine; cold; sharp night frost.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light south to southwest wind; fine; local fog tending to persist in places; cold; frosty.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light southerly wind; fair; local fog; rather cold; night frost.
13 { A. W. Scotland B.N.W. Scotland.	As 17.
14 Mid Scotland	Wind south to southwest, moderate to light; cloudy; some light occasional rain; rather mild.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Wind southerly, light to moderate; mainly fair; rather mild; local frost at night.
18 N. E. Ireland	
19 S. E. Ireland	As 11 - 12.
20 S.W. Ireland	As 17.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An intense anticyclone is centred over South-west Russia and a pronounced ridge of high pressure extends to the British Isles. Weather will be fine and cold over England and Wales with severe night frost, although fog will tend to persist locally in the Midlands and North. In Scotland and Ireland conditions will be mainly cloudy with a little rain near the Northwest Seaboard.

FURTHER OUTLOOK.

Continuing fair and frosty in England.

Forecasts issued at 1100 GMT.

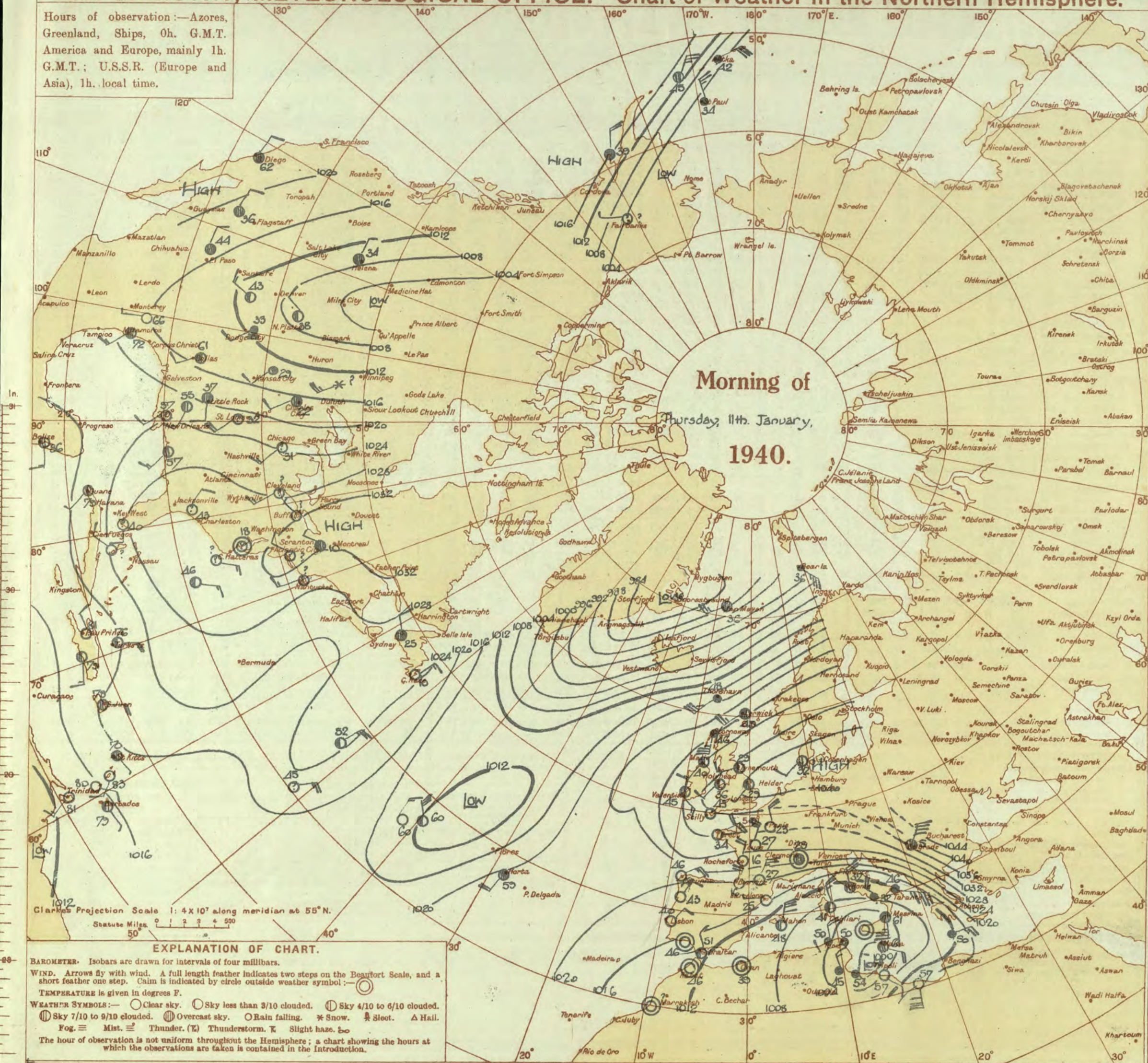
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

H. M. S. O. Press, Cornwall House, S.E.1.

2474.3808, wt. 8109, D 4626, 6p 948, 1/40

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 11th January, 1940.
No. 533.

OBSERVATIONS at 1 hr. G.M.T. 11th January														OBSERVATIONS at 7 hr. G.M.T. 11th January														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. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.		RAINFALL.		SUNSHINE Hrs. (36)				
					Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. 0-10 (10)	Height of Base. (feet) 0-10 (11)	Direc. (17)			Force. 0-12 (18)	Form. (23)					Amount. 0-10 (24)	Height of Base. (feet) 0-10 (25)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)						
1	London (Kew)	18	30.1	-	NE	1	b	26	97	3				30.1	+	NE	2	z	27	85	5					3	+	35	26	16	-	Tr	4.6				
	Croydon	217	30.8	-	NE	1	b	26	97	3				30.8	+	NE	2	z	27	85	5					3	+	35	26	16	-	Tr	4.6				
	S. Farnborough	226	30.8	-	ENE	2	b	25	97	2				30.8	+	ENE	2	z	25	97	3					3	+	36	18	15	-	Tr	7.0				
	Boscombe Down	417	30.8	-	ENE	2	z	27	75	5				30.8	+	ENE	2	z	27	75	5					3	+	35	21	19	-	Tr	6.6				
	Calshot (St. Mary's)	810	30.7	-	ENE	3	z	31	75	6				30.7	+	ENE	3	z	31	75	6					3	+	37	27	22	-	Tr	7.0				
	Lymington	346	30.8	-	ENE	3	b	28	65	7				30.8	+	ENE	3	b	28	65	7					3	+	33	25	21	-	Tr	7.4				
	Manston	154	30.8	-	E	3	z	31	65	6				30.8	+	E	3	z	31	65	6					3	+	34	30	22	-	Tr	7.4				
2	Shoeburyness	11	30.1	+	NE	1	b	26	97	3				30.1	+	NE	2	b	27	97	6					3	+	35	24	14	-	Tr	6.8				
	Felixstowe	15	30.0	-	ES	2	z	34	65	6				30.0	-	ES	2	z	34	65	6					3	+	38	30	25	-	Tr	7.2				
	Gorleston	5	30.3	-	ES	2	b	21	85	7				30.3	-	ES	2	b	21	85	7					3	+	37	34	33	-	Tr	5.0				
	Mildenhall	19	30.0	+	ENE	1	z	21	92	5				30.0	+	ENE	1	z	20	97	5					3	+	37	19	13	-	Tr	3.8				
	Cranwell	240	30.1	+	E	3	z	22	97	5				30.1	+	E	3	z	20	97	5					3	+	35	19	13	-	Tr	3.8				
3	Birmingham	535	30.1	-	NE	1	b	24	92	4				30.1	+	NE	1	b	24	92	4					3	+	34	23	11	-	Tr	2.0				
	Upper Heyford	408	30.1	-	NE	1	b	24	92	4				30.1	+	NE	1	b	23	92	4					3	+	35	21	10	-	Tr	2.0				
	Ross-on-Wye	223	30.1	-	NE	1	b	24	92	4				30.1	+	NE	1	b	18	92	4					3	+	34	18	10	-	Tr	3.5				
5	Hartland Point	299	30.6	-	E	3	b	31	75	6				30.6	-	E	3	b	34	35	6					3	+	37	30	26	-	Tr	6.7				
	Bristol	209	30.8	-	ENE	1	m	24	75	4				30.8	-	ENE	1	m	22	92	5					3	+	35	21	10	-	Tr	3.4				
	Portland Bill	32	30.6	-	E	4	b	34	92	7				30.6	-	E	4	z	31	92	7					3	+	42	29	*	-	Tr	*				
	Plymouth	82	30.6	-	ENE	2	z	35	85	6				30.6	-	ENE	2	z	31	85	6					3	+	39	30	23	-	Tr	6.2				
	The Lizard	240	30.6	-	E	5	bc	42	65	7				30.6	-	E	5	bc	39	85	6					3	+	47	38	*	-	Tr	5.5				
	Scilly (St. Mary's)	163	30.4	+	ES	4	b	43	65	7				30.4	+	ES	4	bc	41	85	7					3	+	47	41	*	-	Tr	6.4				
	Guernsey	175	30.4	+	ES	4	b	43	65	7				30.4	+	ES	4	bc	35	85	7					3	+	41	37	30	-	Tr	7.7				
6	Pembroke	142	30.8	+	SE	4	bc	36	85	5				30.8	+	SE	4	bc	33	85	6					3	+	35	32	*	-	Tr	0.2				
7	Holyhead	26	30.7	+	SSW	2	b	33	85	6				30.7	+	SSW	2	b	32	65	6					3	+	42	31	23	-	Tr	6.0				
	Chester (Sealand)	16	30.0	-	SE	2	m	26	85	4				30.0	-	SE	2	m	24	85	4					3	+	33	24	21	-	Tr	0.9				
8	Manchester	70	30.4	-	SE	1	b	23	92	3				30.4	-	SE	1	b	24	85	3					3	+	37	20	13	-	Tr	2.7				
10	Spurn Head	29	30.2	0	SSW	2	b	29	85	7				30.2	0	SSW	2	b	30	85	6					3	+	37	28	*	-	Tr	5.6				
	Catterick	175	30.4	-	S	2	f	23	97	2				30.4	-	S	2	f	21	97	2					3	+	31	21	19	-	Tr	0.0				
	Tynemouth	108	30.8	-	WSW	3	bc	29	85	6				30.8	-	WSW	3	bc	29	85	5					3	+	31	21	19	-	Tr	0.0				
11	St. Abbs Head	280	30.8	-	W	4	b	34	65	7				30.8	-	W	4	c	31	85	7					3	+	36	29	*	-	Tr	*				
	Leuchars	36	30.5	0	WSW	4	z	34	85	6				30.5	0	WSW	4	z	34	92	6					3	+	35	32	28	-	Tr	0.0				
12	Rentfrew (Abbots L.)	19	30.6	-	W	0	m	33	92	4				30.6	-	W	0	of	36	92	3					3	+	37	32	27	-	Tr	0.0				
	Eskdalemuir	794	30.7	+	WSW	1	b	33	92	7				30.7	+	WSW	1	c	29	92	5					3	+	33	18	*	-	Tr	1.6				
	Point of Ayre	30	30.7	+	WSW	1	b	33	92	7				30.7	+	WSW	2	c	36	92	7					3	+	33	18	*	-	Tr	2.2				
13A	Tiree	22	30.2	0	S	7	d	46	92	6				30.2	0	S	7	d	45	97	6					3	+	45	44	43	-	Tr	0.0				
13B	Stornoway	80	30.8	0	S	7	d	46	92	6				30.8	0	S	7	d	45	97	6					3	+	45	44	43	-	Tr	0.0				
15	Dalwhinnie	1176	30.8	0	S	7	d	46	92	6				30.8	0	S	7	d	45	97	6					3	+	45	44	43	-	Tr	0.0				
	Aberdeen	79	30.4	-	SW	3	c	44	92	6				30.4	-	SW	3	c	37	92	6					3	+	37	35	29	-	Tr	0.4				
	Wick	81	30.4	-	SW	3	c	44	92	6				30.4	-	SW	3	c	32	92	4					3	+	39	30	21	-	Tr	0.0				
16	Lerwick	156	30.8	-	SW	5	c	45	85	6				30.8	-	SW	5	c	46	92	6					3	+	45	34	*	-	Tr	0.0				
17	Blackod Point	18	30.2	0	S	4	c	46	85	7				30.2	0	S	5	bc	45	85	7					3	+	46	44	*	-	Tr	4.0				
18	Malin Head	84	30.3	+	SSW	3	c	40	85	7				30.3	+	SSW	3	c	41	92	7					3	+	44	35	*	-	Tr	4.0				
	Aldergrove	268	30.3	-	SE	1	z	37	85	6				30.3	-	SE	1	z	36	85	6					3	+	42	34	28	-	Tr	0.0				
19	Birr Castle	173	30.3	+	S	2	c	35	85	7				30.3	+	S	1	c	36	85	8					3	+	45	35	32	-	Tr	0.0				
20	Valentia Obay.	30	30.4	+	SE	3	c	45	75	7				30.4	+	SE	3	bc	44	75	7					3	+	46	44	39	-	Tr	0.3				
	Roches Point	22	30.8	-	SE	4	bc	45	85	8				30.8	-	SE	3	bc	44	85	8					3	+	46	44	39	-	Tr	0.3				

LONDON OBSERVATIONS

Day 7h-18h, Kew & Croydon.

9h-18h, Kensington.

9h-21h, other stations except for rainfall which is 9h-18h.

Height above M.S.L. in feet.

Barom. at M.S.L. (1)

Change in 3 hours. (2)

Wind. (3)

Weather. (5)

Temp. °F. (6)

Humid. % (7)

Visibility. 0-9 (8)

Cloud. (9-14)

Barom. at M.S.L. (15)

Change in 3 hours. (16)

Wind. (17)

Weather. (19)

Temp. °F. (20)

Humid. % (21)

Visibility. 0-9 (22)

Cloud. (23-28)

State of Ground. 0-9 (29)

Sea. 0-9 (30)

TEMPERATURE. (31-33)

RAINFALL. (34-35)

SUNSHINE Hrs. (3

LONDON OBSERVATIONS

Day 7h-18h, Kew & Croydon.
9h-18h, Kensington.
9h-21h, other stations except
for rainfall which is 9h-18h.

STATIONS.	Barom. M.S.L. mb.	Wind. Direc. Force.	Weather.	Temp. °F.	Humid. %	Visibility.	Rainfall. mm.	Sunshine to Sunset hrs.	15h. G.M.T. %	9h. G.M.T. %	24 hrs. ended 9h.
Kew	30.1	NE 1	b	26	97	3	Tr	4.6	56	85	3
Croydon	30.8	NE 1	b	26	97	3	Tr	7.0	56	85	3
Greenwich (Royal Observatory)	30.8	NE 1	b	26	97	3	Tr	6.3	56	85	

PAST 24 HOURS.

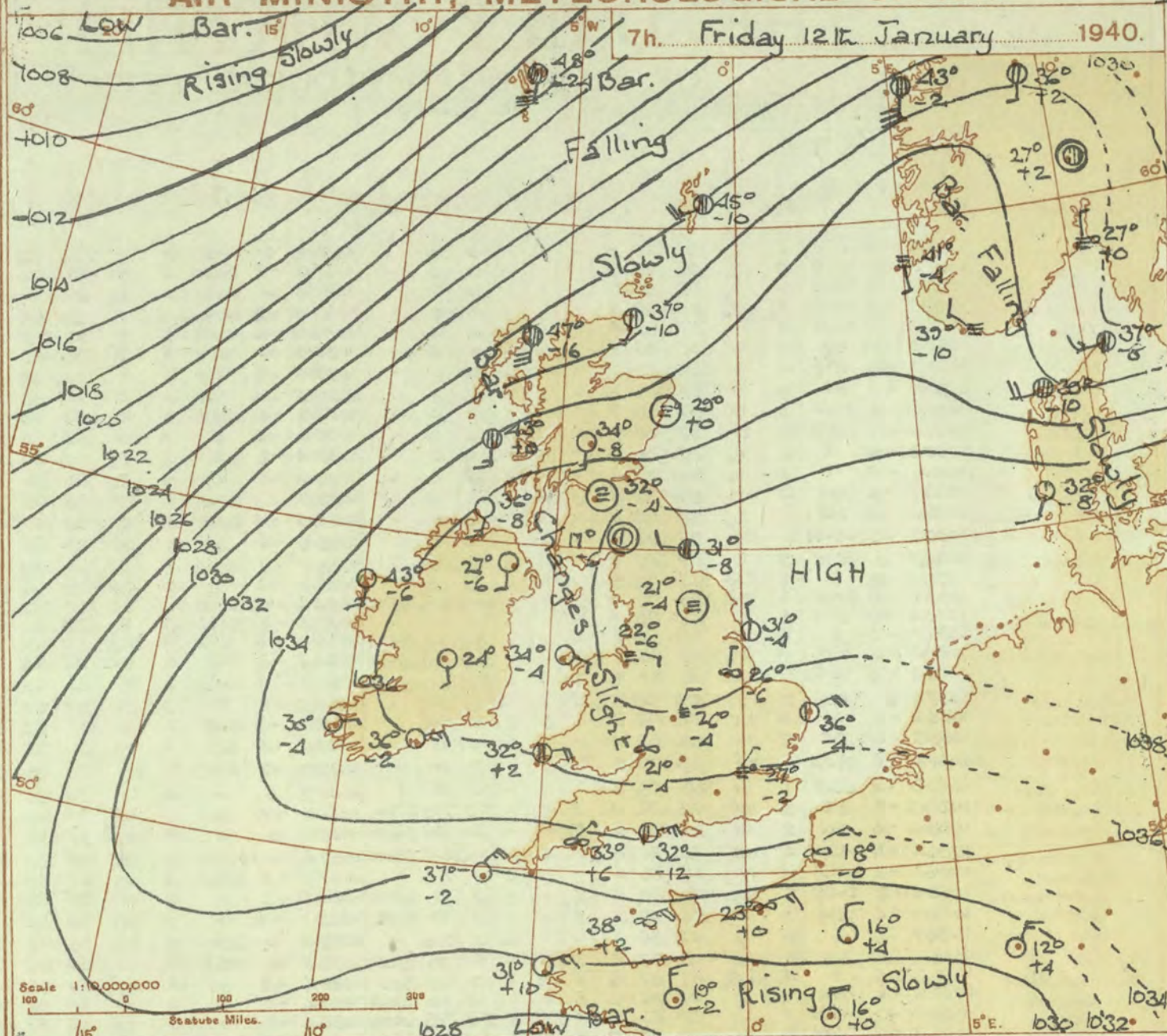
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th January, 1939.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light variable winds; fine; local morning fog persisting in places; cold with sharp to severe night frost.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Wind southwest to west, light to moderate; fair but cloud increasing; local morning fog persisting in a few places; cold with night frost.
13 { A.W.Scotld. B.N.W.Scot- land. 14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Wind south to southwest, fresh to strong perhaps gale locally on the coast, veering and moderating; cloud increasing; some occasional rain, chiefly near the seaboard; rather mild.
17 N.W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Wind southerly, to variable, light; fair or fine; local morning fog; rather cold; sharp night frost.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone is centred over the Balkan area and from it a ridge of high pressure extends to the British Isles, but a trough of relatively low pressure which is developing from Northwest Russia across the Baltic will move southeast. Weather will continue fine and cold over most of the British Isles with sharp frost at night. Local fog will tend to persist in the Midlands and North England. There will be rain later on the extreme northwest and north seaboard.

FURTHER OUTLOOK.

A slow change to less cold weather with more cloud.

Forecasts issued at 1030.

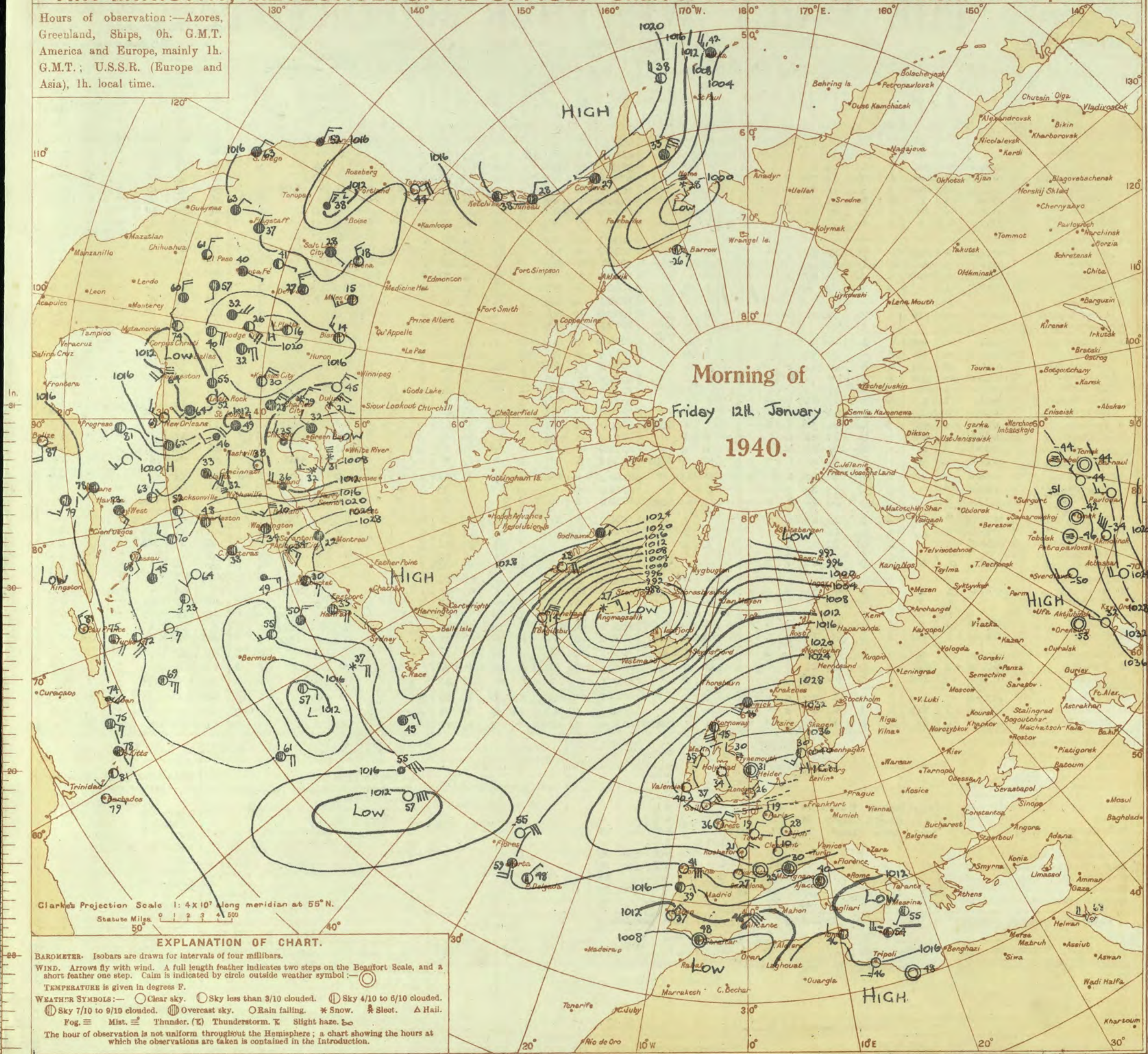
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

4474/3808. W. 8103. D. 4626. 8p. 948. 1/40.

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 12th January 1940.

No. 28,540

OBSERVATIONS at 1 hr. G.M.T. 12th January														OBSERVATIONS at 7 hr. G.M.T. 12th January														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. %	Visiblity.	Cloud.					Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					Sea.	TEMPERATURE.					RAINFALL.		Sun-shine Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground.	0-9	Max. Day 7h-12h °F.	Min. Night 12h-7h °F.		Min. on Grass °F.	Day 7h-12h mm.	Night 12h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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THE DAILY WEATHER REPORT

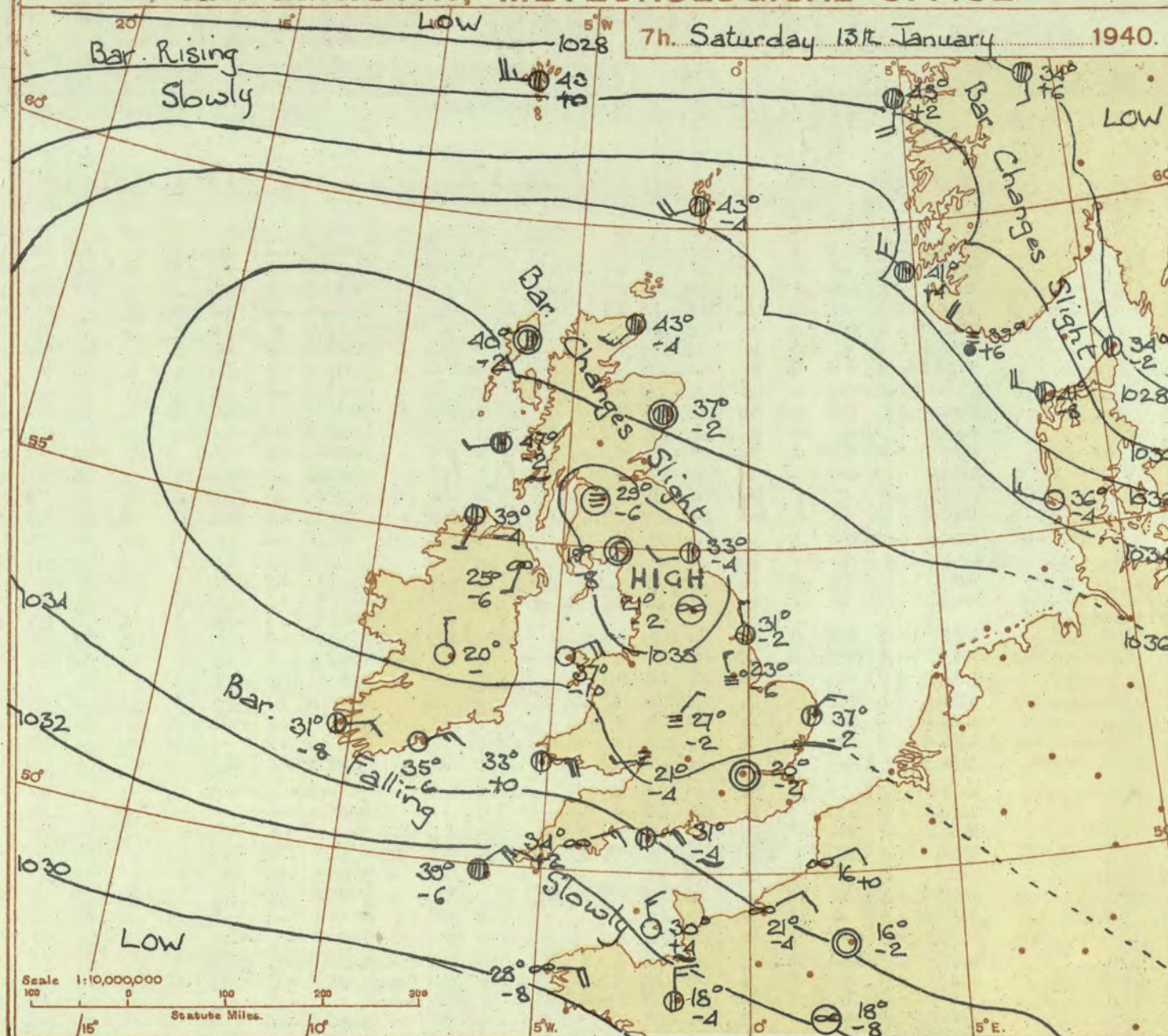
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 12th. January															OBSERVATIONS at 18h. G.M.T. 12th. January															PAST 24 HOURS.						
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Height of Base (feet)	State of Ground.	Sea.	WEATHER.						
				Dir.	Force.					Form.	Amount.		Dir.				Force.	Form.					Amount.		7h.—15h. 12h.	15h.—18h. 12h.				18h.—24h. 13h.	24h.—1h. 13h.					
											Low.	Med.											High.	Low.								Med.	High.	Low.	Med.	High.
1	London (Kew)...	1035.0	-14	NE	4	bc	37	55	5	-	6	0	34	-	1035.5	+4	NE	3	bc	54	65	5	-	1	0	1	-	3	*	bncz	bcz	bcz	bcz	bcz		
	Croydon ...	1038.4	-6	NE	4	bc	37	55	5	-	4	0	28	-	1034.9	+4	NE	2	bc	32	75	4	-	1	0	1	-	3	*	bzfm	bcz	bcz	bcz	bcz		
	S. Farnborough	1034.6	-2	NE	4	bc	38	55	5	-	1	0	23	-	1034.3	-2	NE	3	bc	33	75	5	-	1	0	0	-	3	*	bcz	bcz	bcz	bcz	bcz		
	Boscombe Down	1034.3	-10	NE	3	bc	36	65	6	-	4	0	23	-	1035.3	+6	NE	2	bc	28	85	5	-	4	0	0	-	0	*	bm	zbx	bx	bx	bx		
	Calshot (Soton.)	1033.7	-6	NE	3	bc	38	65	5	-	1	0	0	-	1033.5	0	NE	3	bc	33	75	4	-	1	0	0	-	3	2	bm	zbx	bx	bx	bx		
	Lymington	1033.8	-6	NE	5	bc	35	55	7	-	1	0	23	-	1033.5	-4	NE	5	bc	33	75	7	-	1	0	1	-	3	4	bm	by	bm	bm	bm		
	Manston	1034.5	-6	ENE	4	bc	36	65	6	-	6	0	46	-	1034.5	-2	ENE	3	bc	35	75	7	-	9	0	1	-	3	*	bz	bcz	bcz	bcz	bcz		
2	Shoeburyness	1033.3	-2	NE	3	bc	38	65	8	-	4	0	23	-	1035.2	-4	NE	4	bc	32	85	8	-	1	0	0	-	3	*	bz	bcz	bcz	bcz	bcz		
	Felixstowe	1038.4	-2	ENE	3	bc	38	55	7	-	5	0	46	-	1035.2	-6	ENE	3	bc	32	75	6	-	1	0	23	-	1	3	*	bz	bcz	bcz	bcz	bcz	
	Gorleston	1037.2	0	NE	4	bc	38	65	7	-	3	0	23	-	1036.7	-4	NE	4	bc	38	65	7	-	4	0	23	-	0	3	*	bz	bcz	bcz	bcz	bcz	
	Mildenhall	1036.7	-10	NE	3	bc	38	75	7	-	1	0	23	-	1036.7	+2	NE	3	bc	28	97	7	-	1	0	0	-	3	*	bz	bcz	bcz	bcz	bcz		
	Cranwell	1038.0	-10	NNE	1	bc	37	65	6	-	3	1	0	7	-	1037.6	0	NNE	2	bc	33	92	5	-	1	0	0	-	3	*	bz	bcz	bcz	bcz	bcz	
3	Birmingham	1037.7	-4	NE	3	bc	34	65	3	-	1	0	46	-	1037.4	0	ENE	2	bc	33	75	3	-	1	0	0	-	3	*	bz	bcz	bcz	bcz	bcz		
	Upper Heyford	1036.6	-12	NE	3	bc	34	65	7	-	2	0	23	-	1036.6	+6	NE	2	bc	32	85	5	-	1	0	1	-	3	*	bz	bcz	bcz	bcz	bcz		
4	Ross-on-Wye	1036.8	-10	NW	2	bc	33	75	4	-	3	0	23	-	1036.2	-4	SE	1	bc	30	85	4	-	1	0	0	-	3	*	bz	bcz	bcz	bcz	bcz		
5	Hartland Point	1033.0	-8	NE	4	bc	37	65	7	-	4	0	23	-	1033.7	0	NE	4	bc	37	55	7	-	2	0	23	-	3	3	*	bz	bcz	bcz	bcz	bcz	
	Bristol ...	1036.1	-10	NE	2	bc	32	75	4	-	5	0	23	-	1036.1	+2	NE	4	bc	37	75	4	-	9	0	1	-	3	*	bz	bcz	bcz	bcz	bcz		
	Portland Bill	1032.6	-4	NE	4	bc	37	85	8	-	1	0	0	-	1032.5	+6	NE	4	bc	35	92	7	-	4	0	46	-	1	4	*	bz	bcz	bcz	bcz	bcz	
	Plymouth	1032.0	-10	ENE	4	bc	40	65	8	-	4	4	23	46	2500	1032.6	+8	ENE	3	bc	37	55	5	-	1	0	0	-	0	1	*	bz	bcz	bcz	bcz	bcz
	The Lizard	1032.9	-4	ENE	3	bc	42	48	8	-	5	1	23	4000	1032.3	-2	NE	4	bc	40	45	8	-	3	23	23	2500	0	2	*	bz	bcz	bcz	bcz	bcz	
	Soilly (St. Mary's)	1030.2	-8	NE	5	bc	41	55	7	-	1	0	0	-	1030.9	+2	NE	5	bc	38	75	7	-	1	0	0	-	0	4	*	bz	bcz	bcz	bcz	bcz	
6	Pembroke	1035.5	-8	ENE	1	bc	38	65	6	-	7	0	46	-	1035.4	0	ENE	3	bc	37	55	7	-	23	46	2500	1	2	*	bz	bcz	bcz	bcz	bcz		
7	Holyhead	1036.6	-6	ENE	3	bc	44	55	8	-	3	0	0	-	1037.1	+2	ENE	3	bc	38	55	6	-	3	0	0	-	3	*	bz	bcz	bcz	bcz	bcz		
	Chester (Sealand)	1038.4	-6	SSE	1	bc	39	75	6	-	4	1	0	7	-	1038.0	+2	NE	1	bc	28	85	4	-	1	0	0	-	3	*	bz	bcz	bcz	bcz	bcz	
8	Manchester	1038.5	-8	N	1	bc	26	97	1	-	1	0	0	-	1037.8	-4	NW	1	bc	21	97	1	-	10	10	150	3	*	bz	bcz	bcz	bcz	bcz			
10	Spurn Head	1038.5	-4	SSW	1	bc	40	85	6	-	8	0	46	-	1040.3	-2	NE	2	bc	35	85	7	-	1	0	0	-	3	1	*	bz	bcz	bcz	bcz	bcz	
	Catterick	1038.6	-6	SSE	1	bc	36	65	4	-	1	0	1	-	1038.0	-6	NE	1	bc	31	75	3	-	1	0	0	-	3	*	bz	bcz	bcz	bcz	bcz		
	Tynemouth	1038.2	-4	SSW	2	bc	34	85	3	-	3	1	23	46	1500	1038.3	+4	NW	3	bc	36	65	2	-	46	46	1500	3	1	*	bz	bcz	bcz	bcz	bcz	
11	St. Abbs Head	1035.4	+4	SSW	1	bc	40	65	7	-	1	23	23	2500	1036.3	-10	NW	2	bc	38	55	7	-	1	0	0	-	0	1	*	bz	bcz	bcz	bcz	bcz	
	Leuchars	1035.7	0	NW	4	bc	39	85	5	-	6	0	46	-	1035.9	-2	NW	3	bc	36	85	5	-	1	0	0	-	0	*	bz	bcz	bcz	bcz	bcz		
12	Roufrow (Abbots L.)	1037.4	-2	N	1	bc	36	85	4	-	3	0	0	-	1037.4	-2	NW	1	bc	33	97	3	-	1	0	0	-	0	*	bz	bcz	bcz	bcz	bcz		
	Esksdalemuir	1037.9	-8	SSW	3	bc	29	92	4	-	1	0	0	-	1036.1	0	NW	1	bc	25	92	4	-	1	0	0	-	0	*	bz	bcz	bcz	bcz	bcz		
	Point of Ayre	1037.7	0	SSW	3	bc	45	75	8	-	1	0	0	-	1037.7	0	NNE	1	bc	34	85	7	-	1	0	0	-	0	1	*	bz	bcz	bcz	bcz	bcz	
13a	Tiree	1035.0	0	SSW	4	bc	46	85	5	-	78	28	4000	1035.3	+2	SSW	4	bc	47	92	7	-	10	10	2500	0	3	*	bz	bcz	bcz	bcz	bcz			
13b	Stornoway	1031.1	0	S	5	bc	48	85	6	-	3	23	2500	1032.6	+6	SSW	4	bc	48	92	7	-	78	10	2500	1	2	*	bz	bcz	bcz	bcz	bcz			
15	Dalwhinnie	1034.9	+14	NW	1	bc	41	75	8	-	6	1	23	4000	1036.2	+6	SSW	2	bc	38	85	8	-	1	1	4000	0	*	bz	bcz	bcz	bcz	bcz			
	Aberdeen	1032.8	+4	SSW	3	bc	43	75	7	-	4	23	46	2500	1032.6	0	SSW	3	bc	42	85	7	-	23	46	2500	1	1	*	bz	bcz	bcz	bcz	bcz		
16	Wick	1032.8	+4	SSW	3	bc	43	75	7	-	4	23	46	2500	1032.6	0	SSW	3	bc	42	85	7	-	23	46	2500	1	1	*	bz	bcz	bcz	bcz	bcz		
16	Lerwick	1028.0	-22	SSW	5	bc	46	85	7	-	7	46	10	1500	1028.3	+4	SSW	7	bc	47	92	6	-	78	10	800	1	*	bz	bcz	bcz	bcz	bcz			
17	Blackod Point	1036.3	0	S	2	bc	46	65	7	-	3	3	0	23	-	1036.7	0	S	1	bc	48	65	7	-	3	0	23	-	0	2	*	bz	bcz	bcz	bcz	bcz
18	Malin Head	1037.7	+2	S	1	bc	44	65	7	-	1	0	0	-	1037.2	0	S	2	bc	38	65	8	-	23	23	5700	0	3	*	bz	bcz	bcz	bcz	bcz		
	Aldergrove	1036.3	+2	S	1	bc	40	85	7	-	1	0	0	-	1037.3	-2	S	1	bc	31	75	7	-	1	0	0	-	3	*	bz	bcz	bcz	bcz	bcz		
19	Birr Castle	1037.3	0	SSE	1	bc	39	75	7	-	1	0	0	-	1037.5	0	S	1	bc	33	85	7	-	1	0	0	-	3	*	bz	bcz	bcz	bcz	bcz		
20	Valentia Obay.	1036.0	+2	E	2	bc	45	45	9	-	1	0	0	-	1035.8	0	E	2	bc	37	75	8	-	2	0	46	-	0	3	*	bz	bcz	bcz	bcz	bcz	
	Roches Point	1036.5	-2	NE	2	bc	44	85	8	-	1	0	0	-	1036.2	+2	NE	3	bc	35	85	8	-	4	5	0	46	-	1	2	*	bz	bcz	bcz		

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 13th January 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th January, 1940.
1 S.E. England	Wind east to northeast, light; fine today, probably more cloudy tomorrow; cold with sharp to severe night frost.
2 E. England ...	
3 E. Midlands ...	Light variable wind; fine apart from local fog or mist tending to persist in a few places; cold, sharp frost at night.
4 W. Midlands ...	
5 S.W. England	Wind easterly, moderate; fine; cold with frost inland at night.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 3 - 4.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind variable to northwest, light; fair apart from local fog; average day temperature, frost locally at night.
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N.E. Scotland	Wind northwest, moderate or fresh; cloudy, brighter period; some coastal showers; average temperature.
16 Orkneys and Shetlands	
17 N.W. Ireland	
18 N.E. Ireland	As 3 - 4.
19 S.E. Ireland	
20 S.W. Ireland	As 5 - 6.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A belt of high pressure extends from Scotland across Germany to the Balkans, but will continue to decrease in intensity over Europe. Weather will continue fine and cold with sharp or severe night frost over most of England, Ireland and Wales. Conditions will be fair in Scotland apart from some local showers near the North coast.

FURTHER OUTLOOK.

Fair generally but probably cloudy or dull in East and South England with some rise in temperature.

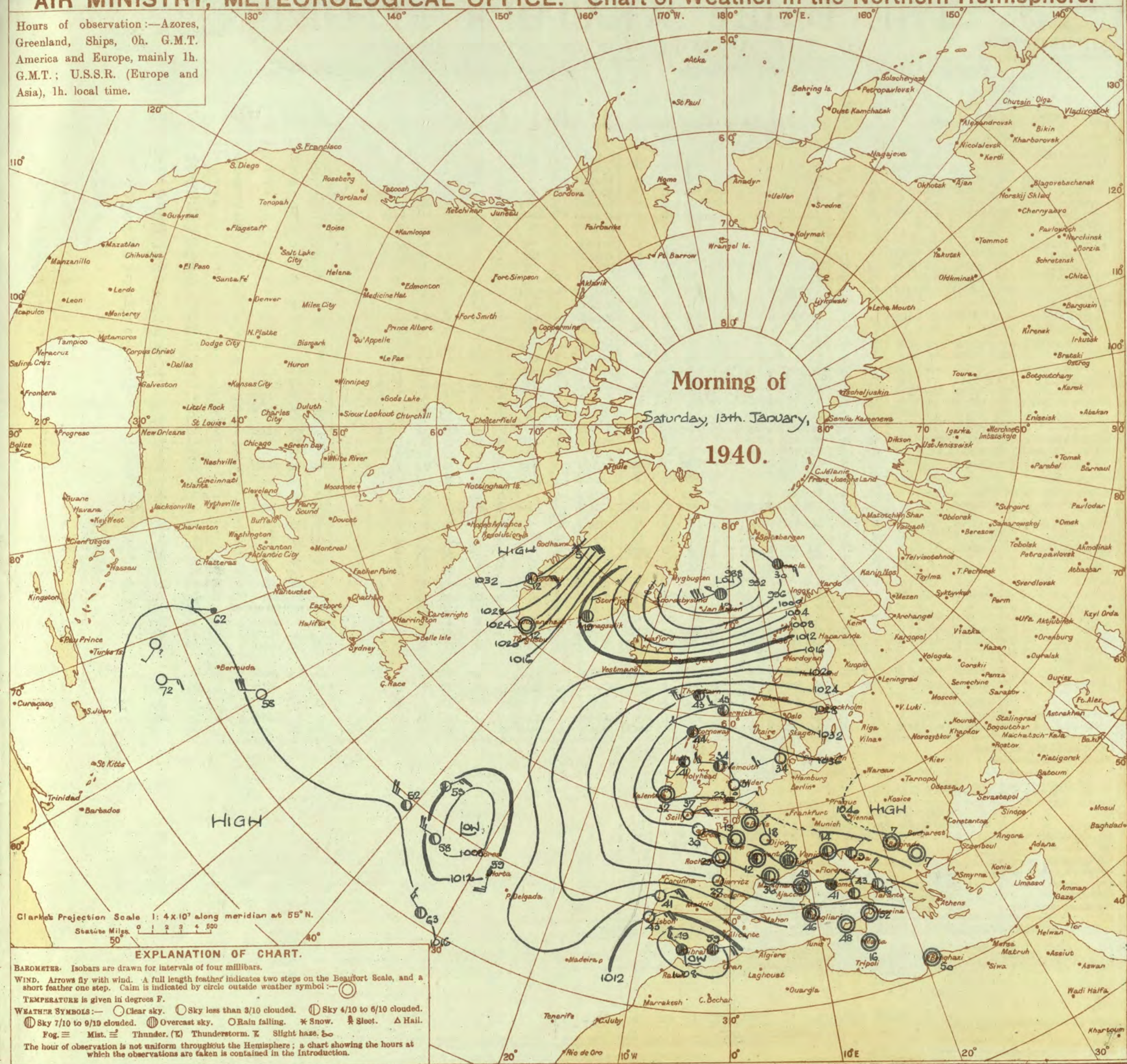
Forecasts issued at 1030.
H.M.S.O. Press, Cornhill House, S.E.1.

N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

6474/2808, W. 9109, D 4628, Sp. 348, 1/40.

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

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 13th. January 1940.

No 28.541

OBSERVATIONS at 1 hr. G.M.T. 13th. January															OBSERVATIONS at 7 hr. G.M.T. 13th. January															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)	Visibility. 0-9 (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SON-SHINE 12th. Hrs. (36)																							
					Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. 0-10 (10)	Height of Base. (feet) (11)			Direc. (17)	Force. 0-12 (18)					Form. (23)	Amount. 0-10 (24)	Height of Base. (feet) (25)			Max. Day 7h-12h °F. (31)	Min. Night 12h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-12h mm. (34)	Night 12h-7h mm. (35)																								
																																	Low. (12)	Med. (13)	High (14)	Low (26)	Med. (27)	High (28)																	
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1035.7	-2	SE	1	bc	26	92	3	-	-	0	0	3	*	38	32	11	-	-	5.5																							
	Croydon	217	1036.0	+2	ENE	1	23	92	4	-	-	-	1035.3	-2	SE	1	bc	20	87	4	-	-	0	0	3	*	37	19	11	-	-	5.3																							
	S. Farnborough	226	1036.1	-4	N	1	24	97	5	-	-	-	1036.1	-2	N	1	15	97	4	-	-	0	0	3	*	39	11	10	-	-	6.5																								
	Boscombe Down	417	1036.3	0	NNE	2	23	85	6	-	-	-	1035.8	-2	NNE	1	15	97	5	-	-	0	0	3	*	32	19	15	-	-	7.2																								
	Calshot (Stmntn.)	8	1035.1	+2	NNE	2	28	85	4	-	-	-	1034.9	-2	NNE	3	26	85	6	-	-	0	0	3	2	32	25	23	-	-	6.2																								
	Lympe	346	1035.9	+2	NEE	2	20	85	6	-	-	-	1035.4	+2	ENE	2	21	92	6	-	-	0	0	3	3	35	19	14	-	-	7.7																								
	Manston	154											1035.4	-2	S	1	bc	25	92	3	-	-	0	0	3	*	37	25	14	-	-	7.7																							
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1035.6	-2	NE	2	bc	24	92	6	-	-	0	0	3	*	35	23	11	-	-	7.5																							
	Felixstowe	15	1035.8	0	NEE	1	34	75	6	-	-	-	1035.3	-2	NEE	2	23	92	6	-	-	0	0	3	2	33	28	25	-	-	7.1																								
	Gorleston	5	1037.2	+2	ENE	3	38	65	7	-	-	-	1036.3	-2	NE	3	37	85	7	-	-	0	0	0	2	38	36	33	-	-	*																								
	Mildenhall	19	1037.6	+2	NE	2	22	97	6	-	-	-	1036.7	-2	NNE	2	22	97	6	-	-	0	0	3	*	39	18	13	-	-	6.5																								
	Cranwell	240	1038.3	0	NW	1	28	92	4	-	-	-	1037.4	-6	NNW	1	23	97	4	-	-	0	1	3	*	38	22	19	-	-	5.9																								
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1036.8	-2	NE	1	bc	27	92	3	-	-	0	0	3	*	34	26	16	-	-	2.3																							
	Upper Heyford	408	1037.2	0	NNE	3	27	92	5	-	-	-	1036.6	-4	NNE	2	25	92	6	-	-	0	0	3	*	35	24	16	-	-	*																								
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	1036.5	-4	WS	1	bc	21	97	3	-	-	0	0	3	*	35	18	7	-	-	6.1																							
5	Hartland Point	299	1034.3	+8	NE	4	33	75	7	-	-	-	1033.8	-4	ENE	4	bc	31	73	7	-	-	0	0	3	3	39	30	28	-	-	6.7																							
	Bristol	209	1037.2	+4	-	0	23	92	4	-	-	-	1036.5	-2	NEE	1	bc	21	97	3	-	-	0	0	3	*	34	20	7	-	-	6.2																							
	Portland Bill	32	1033.3	-6	ENE	4	32	92	7	5	-	-	1033.2	-4	ENE	4	bc	31	85	7	5	-	-	4.6	4.6	1	4	38	30	*	-	-	*																						
	Plymouth	82	1034.1	-2	NE	2	32	65	6	-	-	-	1033.7	+2	ENE	3	34	65	6	5	-	-	10	10	3	1	42	31	25	-	-	7.5																							
	The Lizard	240	1032.6	-4	EN	5	37	85	7	8	-	-	1031.9	-2	ENE	5	c	38	85	7	8	2	-	7.8	9.4	0	3	42	31	*	-	-	7.3																						
	Scilly (St. Mary's)	163	1032.4	+6	ENE	4	37	75	7	-	-	-	1031.5	-6	NEE	4	c	39	85	6	5	-	-	10	10	0	2	43	37	*	-	-	7.3																						
	Guernsey	175	1032.7	+4	ESE	3	37	65	7	-	-	-	1032.5	+4	NW	3	c	30	85	6	5	-	-	0	0	0	4	42	29	24	-	-	7.5																						
6	Pembroke	142	1035.8	+2	E	4	34	85	6	5	-	-	1024.8	0	E	4	bc	33	92	7	5	-	-	2.3	2.3	3	2	42	30	*	-	-	6.9																						
7	Holyhead	26	1037.8	+2	EN	3	38	65	6	-	-	-	1036.2	-10	NEE	4	bc	37	75	6	-	-	0	0	3	1	45	36	27	-	-	7.2																							
	Chester (Sealand)	16	1039.0	+2	-	0	23	97	1	-	-	-	1037.7	-6	-	0	bc	21	92	2	-	-	0	0	3	*	39	21	19	-	-	5.4																							
8	Manchester	70	1038.9	0	ESE	1	21	97	0	-	-	-	1037.7	-6	SW	1	F	19	97	1	-	-	10	10	3	*	31	16	16	-	-	0.0																							
10	Spurn Head	29	1038.6	0	NW	1	31	97	6	-	-	-	1037.7	-2	NW	1	bc	31	92	6	-	-	8	0	2.3	5	1	42	29	*	-	-	6.8																						
	Catterick	175	1038.9	-2	-	0	20	92	5	-	-	*	1038.3	-2	-	0	bc	21	92	5	3	-	-	0	0	3	*	(36)	20	14	-	-	4.0																						
	Tynemouth	108	1038.8	+6	W	3	34	85	6	5	-	-	1038.9	-4	WSW	2	bc	33	85	6	3	-	-	2.3	2.3	3	1	39	32	27	-	-	*																						
11	St. Abbs Head	280	1037.4	-10	-	0	39	85	7	-	-	-	1037.3	-8	-	0	bc	38	85	7	-	-	0	0	0	1	44	37	*	-	-	*																							
	Leuchars	36	1037.4	-2	W	2	33	92	6	-	-	-	1037.4	-2	NW	2	bc	32	97	6	-	-	0	0	3	*	41	31	21	-	-	4.8																							
12	Retnew (Abbots I.)	19	1038.9	0	-	0	32	97	3	5	-	-	1038.1	-6	-	0	bc	23	97	3	-	-	0	0	3	*	37	28	23	-	-	0.0																							
	Esksdalemuir	794	*	*	*	*	*	*	*	*	*	*	1008.4	-8	-	0	bc	19	97	7	-	-	0	0	3	*	33	17	12	-	-	2.2																							
	Point of Ayre	30	1038.8	+4	EN	2	39	92	6	-	-	-	1037.4	-6	E	2	bc	38	92	7	-	-	0	0	3	1	48	32	*	-	-	6.0																							
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	1036.4	-2	WSW	1	c	47	97	7	5	-	-	7.8	7.8	1	4	47	42	41	-	-	1.4																						
13b	Stornoway	80	1035.9	+10	WNW	1	44	97	7	5	-	-	1035.9	-2	-	0	bc	40	97	7	5	-	-	4.6	4.6	1	0	48	(40)	*	-	-	0.0																						
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	-2	-	0	c	35	97	6	5	-	-	10	10	0	0	42	33	27	-	-	4.6																						
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	1035.8	-2	-	0	c	37	92	5	5	-	-	9	9	3	1	35	30	23	-	-	3.2																						
	Wick	81	1035.8	+12	W	3	45	92	7	5	7	-	1035.6	-4	SW	2	c	43	92	7	5	1	-	7.8	9	1	43	40	*	-	-	*																							
16	Lerwick	156	1033.0	+10	W	3	45	85	6	5	7	-	1033.6	+4	WSW	4	c	43	85	7	8	7	-	7.8	10	1	43	43	*	Tr	0.1	0.0																							
17	Blackod Point	18																														*																							
18	Malin Head	84	1038.6	+10	SW	1	41	85	7	5	-	-	1037.5	-4	SSW	1	bc	39	85	7	4	5	-	4.6	4.6	0	3	45	33	*	-	-	5.9																						
	Aldergrove	268	1039.3	+2	-	0	25	85	6	-	-	-	1038.2	-6	SSW	1	bc	25	97	6	5	-	-	1	1	4000	3	45	23	16	-	-	6.5																						
19	Birr Castle	173	1038.0	0	N	1	25	97	8	-	-	-	1037.1	*	N	1	bc	20	92	8	-	-	0	0	3	*	43	20	17	-	-	3.7																							
20	Valentia Obay.	30	1036.1	-6	-	0	32	85	8	-	-	-	1034.5	-8	EN	2	bc	31	75	8	1	-	-	1	Tr	1	48	29	20	Tr	Tr	6.6																							
	Roches Point	22	1036.3	-6	NE	3	34	92	8	5	-	-	1034.8	-6	ENE	3	bc	35	85	8	-	-	0	0	3	3	46	33	*	-	-	*																							
LONDON OBSERVATIONS																																																							
Day 7h-18h, Kew & Croydon.		Height above M.S.L. in feet.	Weather			Temperature.			Rainfall.		Sunshine to Sunset hrs.	Humidity.		Atmospheric Pollution.		EXPLANATION OF FIGURES, LETTERS, etc.																																							
9h-18h, Kensington.			Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.	15h. G.M.T. %	9h. G.M.T. %	Milligrams of Solid Impurity per cubic metre.																																										
9h-21h, other stations except for rainfall which is 9h-18h.			24 hrs. ended 9h.			°F.	°F.	°F.	mm.	mm.	Yesterday.	To-day.	24 hrs. ended 7h. G.M.T. 13th.																																										
Kew...	18	bmczx	bczayx	bczmfz	38	24	11	-	Tr	5.5	.	.	4	COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar. COLUMNS 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground. <table><tr><td>Beaufort No.</td><td>Statute m/h.</td><td>Beaufort No.</td><td>Statute m/h.</td><td>Beaufort No.</td><td>Statute m/h.</td></tr><tr><td>0</td><td>1</td><td>4</td><td>13-18</td><td>9</td><td>47-54</td></tr><tr><td>1</td><td>1-3</td><td>5</td><td>19-24</td><td>10</td><td>55-63</td></tr><tr><td>2</td><td>4-7</td><td>6</td><td>25-31</td><td>11</td><td>64-75</td></tr><tr><td>3</td><td>8-12</td><td>7</td><td>32-38</td><td>12</td><td>76</td></tr><tr><td></td><td></td><td>8</td><td>39-46</td><td></td><td></td></tr></table> COLUMNS 8, 22—Code for surface visibility. 0 Dense fog 55 yards. 1 Thick fog 220 " 2 Fog 550 " 3 Moderate fog 1,100 " 4 Mist or haze 1 1/2 miles. 5 Poor visibility 2 1/2 " 6 Moderate " 6 1/2 " 7 Good " 12 1/2 " 8 Very good " 31 " 9 Excellent " beyond 31m. COLUMNS 30—Code for State of Sea. 0 Calm. 5 Very rough. 1 Smooth. 6 High. 2 Slight. 7 Very high. 3 Moderate. 8 Precipitous. 4 Rough. 9 Confused.						Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	0	1	4	13-18	9	47-54	1	1-3	5	19-24	10	55-63	2	4-7	6	25-31	11	64-75	3	8-12	7	32-38	12	76			8	39-46		
Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.																																																		
0	1	4	13-18	9	47-54																																																		
1	1-3	5	19-24	10	55-63																																																		
2	4-7	6	25-31	11	64-75																																																		
3	8-12	7	32-38	12	76																																																		
		8	39-46																																																				
CROYDON	217	bzfm	bczbc	bmzfx	37	19	11	-	Tr	5.3	.	.	2	COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																																									
GREENWICH (Royal Observatory)...	149	bm	bcbm.	bzfx	37	23	15	-	Tr	5.9	62	97	.																																										
CITY (Bunhill Row)	-	3.6	.	.	.																																										
WESTMINSTER (St. James' Park)	27	.	.	.	38	28	24	-	-	5.1	60	89	.																																										
REGENTS PK. (Botanic Gardens)...	168	.	.	.	37	26	19	-	-	6.2	*	70	.																																										
CAMDEN SQUARE	110	b	bc	.	35	25	17	-	-	.	.	96	.																																										
KENSINGTON	80	bcbz	bmz	.	38	24	13	-	-	.	.	72	.																																										
HAMPSTEAD OBSERVATORY	450	bx	bx	bxm	36	26	18	-	-	*	.	96	.																																										
FOREIGN OBSERVATIONS.			18h. G.M.T. 12th. January			7h. G.M.T. 13th. January			Past 24 Hours.																																														
STATIONS.		Barom. mb.	Wind. Direc. Force.	Weather.	Temp. °F.	Barom. mb.	Wind. Direc. Force.	Weather.	Temp																																														

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 14th January 1940.
No. 28542

OBSERVATIONS at 13h. G.M.T. 13th January														OBSERVATIONS at 18h. G.M.T. 13th January														PAST 24 HOURS.				
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Sea. 0-9 (30)	WEATHER.			
				Dirac. (3)	Force. 0-12 (4)					Form.	Amount. 0-10 (12)	Height of Base. (feet) (14)	Dirac. (17)	Force. 0-12 (18)			Form.	Amount. 0-10 (25)					Height of Base. (feet) (28)	7h.—13h. 13th (37)	13h.—18h. 13th (38)	18h.—to 14th (39)	14h.—7h. 14th (40)					
1	London (Kew)...	1035.6	-8	(3)	0	F	26	92	1					1035.1	+4	NE	3	bf	35	85	2					3	bFFx	bFFbfx	bffFx	bFFx		
	Croydon ...	1035.3	-12	NE	1	bf	33	75	2	-	-	-	-	1034.8	+2	NE	1	bf	31	92	2	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
	S. Farnborough	1035.7	-14	-	0	bf	31	92	3	-	-	-	-	1035.1	-2	NNE	2	bf	31	97	3	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
	Boscombe Down	1035.3	-14	NE'E	2	2.	34	75	6	-	-	-	-	1035.1	+2	N'E	1	bf	29	92	4	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
	Calshot (Soton.)	1035.3	-14	NE'E	2	2.	34	75	6	-	-	-	-	1034.1	0	NNE	2	bf	32	85	3	-	-	-	-	3	2	bmx	bmx	bmx	bmx	
	Lympne ...	1035.1	-10	NE	3	b	35	55	6	-	-	-	-	1034.3	-2	NE'N	4	2.	31	75	6	-	-	-	-	3	2	bmx	bmx	bmx	bmx	
	Manston ...	1035.3	-10	ENE	2	2.	35	65	6	-	-	-	-	1034.9	-2	ENE	3	2.	30	85	5	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
2	Shoeburyness ...	1036.2	-6	E'S	1	b	35	85	4	-	-	-	-	1035.3	0	NE	2	b	32	85	5	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
	Felixstowe ...	1036.7	-8	ENE	2	b	41	65	7	-	-	-	-	1035.1	-2	ENE	2	2.	34	85	6	-	-	-	-	1	3	bmx	bmx	bmx	bmx	
	Gorleston ...	1036.6	-4	NE'N	2	b	41	65	7	-	-	-	-	1036.3	0	NNE	1	b	36	75	7	-	-	-	-	0	1	bmx	bmx	bmx	bmx	
	Mildenhall ...	1036.3	-10	ENE	2	2.	40	75	6	-	-	-	-	1036.2	+2	NE'N	2	2.	30	97	5	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
	Cranwell ...	1036.6	-10	-	0	a	38	75	4	-	-	-	-	1036.3	-2	-	0	bf	36	85	3	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
3	Birmingham	1036.7	0	ENE	3	bf	35	75	3	-	-	-	-	1036.4	-2	NE	2	bf	35	65	3	-	-	-	-	3	*	bf	bf	bf	bf	
	Upper Heyford	1036.2	-8	NE	2	2.	37	75	6	-	-	-	-	1036.0	+2	NNE	3	a	31	85	4	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
4	Ross-on-Wye	1036.1	-6	N'W	1	bf	32	85	3	-	-	-	-	1035.6	-4	E	1	a	29	85	4	-	-	-	-	3	*	bf	bf	bf	bf	
5	Hartland Point	1034.1	-6	NE	3	b	32	75	7	-	-	-	-	1033.5	+2	ENE	3	b	34	75	7	-	-	-	-	0	2	b	b	b	b	
	Bristol ...	1036.1	-10	N	1	bf	32	85	3	-	-	-	-	1035.4	-2	-	0	bf	29	85	3	-	-	-	-	3	*	bf	bf	bf	bf	
	Portland Bill ...	1033.5	+6	ENE	4	c	33	92	7	-	-	-	-	1033.9	+4	ENE	4	bc	34	92	7	-	-	-	-	1	4	bcc	bcc	bcc	bcc	
	Plymouth ...	1033.7	-10	ENE	3	2.	35	75	6	-	-	-	-	1033.7	+4	NE	3	2.	34	75	5	-	-	-	-	1	1	cm, 2.	cm, 2.	cm, 2.	cm, 2.	
	The Lizard ...	1032.1	-4	E	4	c	41	75	8	-	-	-	-	1032.3	+4	E	5	c	39	85	7	-	-	-	-	0	3	c	c	c	c	
	Scilly (St. Mary's)	1032.9	-6	NE'E	4	c	40	85	6	-	-	-	-	1031.9	+4	NE'E	3	c	40	85	6	-	-	-	-	0	2	c	c	c	c	
	Guernsey ...	1032.3	-6	E	3	b	35	75	6	-	-	-	-	1031.9	0	E'N	3	b	35	75	6	-	-	-	-	0	3	b	b	b	b	
6	Pembroke ...	1035.4	+6	E'S	3	bc	37	65	6	-	-	-	-	1034.3	0	E	2	b	35	75	6	-	-	-	-	3	2	bc, 2.	bc, 2.	bc, 2.	bc, 2.	
7	Holyhead ...	1036.0	-8	E	2	b	43	45	7	-	-	-	-	1035.8	+2	SE'E	1	b	36	75	6	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
	Chester (Sealand)	1037.4	-10	SE	1	bcF	33	75	2	-	-	-	-	1036.8	0	SE'E	1	bf	32	75	3	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
8	Manchester ...	1037.4	-10	ESE	1	bcF	22	97	1	-	-	-	-	1037.0	-6	-	0	bcF	21	97	1	-	-	-	-	3	*	FF	FF	FF	FF	
10	Spurn Head ...	1037.7	0	-	0	bc	39	75	5	-	-	-	-	1037.1	-2	-	0	b	34	97	6	-	-	-	-	0	0	cbca	cbca	cbca	cbca	
	Catterick ...	1037.8	-6	-	0	m	39	75	4	-	-	-	-	1037.1	+2	-	0	m	29	75	4	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
	Tynemouth ...	1037.9	-6	SW	2	bcF	39	85	2	-	-	-	-	1037.6	+2	SW	1	bf	38	85	3	-	-	-	-	-	3	1	bcmf	bcmf	bcmf	bcmf
11	St. Abbs Head	1036.4	-10	SW	1	bc	40	85	7	-	-	-	-	1034.6	-4	SW	2	c	38	97	7	-	-	-	-	1	1	bc	bc	bc	bc	
	Leuchars ...	1037.1	-2	W	1	2.	41	85	6	-	-	-	-	1036.4	-4	NW	1	2.	36	92	6	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
12	Reufrew (Abbots L.)	1037.6	-10	-	0	F	26	97	0	-	-	-	-	1037.3	+2	-	0	F	27	97	1	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
	Eskdalemuir ...	1037.0	-10	-	0	bc	36	97	8	-	-	-	-	1037.5	+4	-	0	b	29	92	8	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
	Point of Ayre ...	1036.8	-4	ESE	3	c	42	85	6	-	-	-	-	1036.5	0	E'S	3	b	40	85	7	-	-	-	-	0	1	bccz	bccz	bccz	bccz	
13A	Three ...	1036.2	0	SW	1	c	48	97	7	-	-	-	-	1036.1	0	-	0	c	46	97	6	-	-	-	-	0	2	cd, c	cd, c	cd, c	cd, c	
13B	Stornoway ...	1035.3	-6	SW	3	c	46	85	7	-	-	-	-	1034.8	0	-	0	c	45	92	7	-	-	-	-	1	0	cd, c	cd, c	cd, c	cd, c	
15	Dalwhinnie ...	1036.3	-6	SW	1	c	39	92	7	-	-	-	-	1035.9	-2	-	0	c	39	97	7	-	-	-	-	0	*	c	c	c	c	
	Aberdeen ...	1036.3	-6	NW'N	1	cf	41	85	3	-	-	-	-	1035.9	-2	-	0	c	43	85	5	-	-	-	-	1	1	cd, cf	cd, cf	cd, cf	cd, cf	
	Wick ...	1035.6	-2	SW	1	c	45	92	8	-	-	-	-	1034.8	-4	SW	2	c	38	97	7	-	-	-	-	1	1	c	c	c	c	
16	Lerwick...	1032.6	-6	SW'W	4	c/pr	44	85	8	-	-	-	-	1031.2	-8	W'S	4	pr	44	92	7	-	-	-	-	1	*	cpr	cpr	cpr	cpr	
17	Blacksod Point...	1036.0	-8	SE	1	b	44	65	8	-	-	-	-	1035.8	+2	-	0	b	37	85	8	-	-	-	-	0	1	bc	bc	bc	bc	
18	Malin Head ...	1037.1	+2	-	0	2.	39	75	6	-	-	-	-	1037.0	0	E'N	2	m	36	97	4	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
	Aldergrove ...	1037.5	-8	-	0	2.	39	75	6	-	-	-	-	1037.0	0	E'N	2	m	36	97	4	-	-	-	-	3	*	bmx	bmx	bmx	bmx	
19	Birr Castle ...	1036.5	-2	SW	1	b	34	75	7	-	-	-	-	1036.0	-5	SW	1	b	26	92	7	-	-	-	-	3	*	bc	bc	bc	bc	
20	Valentia Obsy. †	1034.6	-2	-	0	b	42	55	8	-	-	-	-	1034.4	+6	ESE	3	b	38	55	8	-	-	-	-	0	2	bmx	bmx	bmx	bmx	
	Roches Point ...	1034.9	-6	NE'E	3	2.	42	75	6	-	-	-	-	1034.9	+6	E	3	bc	36	85	8	-	-	-	-	1	3	b2.	b2.	b2.	b2.	

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

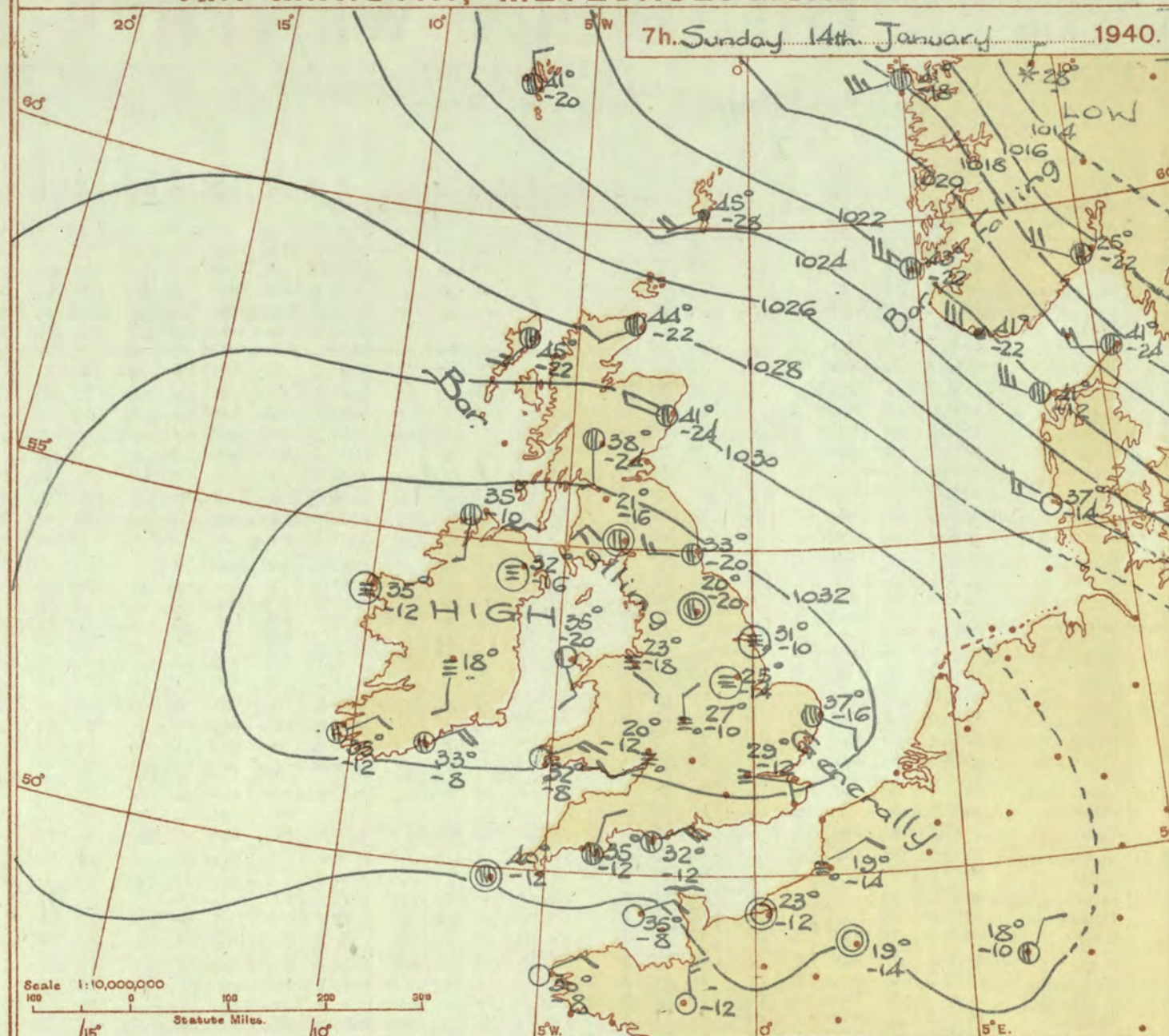
COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220-1100 yds.
F, thick fog, less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.

q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday, 14th January, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th January, 1940.	BAROMETER. Isobars are drawn for intervals of two millibars. WIND, WEATHER SYMBOLS. For explanation see opposite page. SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High. BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Light variable winds; fine apart from fog persisting locally; cold; sharp to severe night frost.	GENERAL INFERENCE. The anticyclone over the British Isles is decreasing in intensity whilst a new anticyclone over Greenland continues to intensify. A secondary development is expected in the Faeroes area and this will move southeast. Weather will continue fine and cold with sharp night frost over most of England and Ireland but with persistent local fog. Conditions will become cloudy in Scotland with some rain and sleet with a fall in temperature.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Wind variable light, becoming northwesterly; fair, local fog today, clearing tomorrow; cold with night frost, then less cold.	
13 { A.W. Scotld. B.N.W.Scot- land. 14 Mid Scotland 15 N.E. Scotland 16 Orkneys and Shetlands	Wind westerly, freshening, veering northwest to north; mainly fair at first then cloudy with some rain and sleet and snow on the hills; becoming colder.	FURTHER OUTLOOK. Less settled and less cold in eastern districts. Probably little change in the west.
17 N.W. Ireland 18 N.E. Ireland 19 S.E. Ireland 20 S.W. Ireland	As 1 - 8.	

Forecasts issued at 1030.

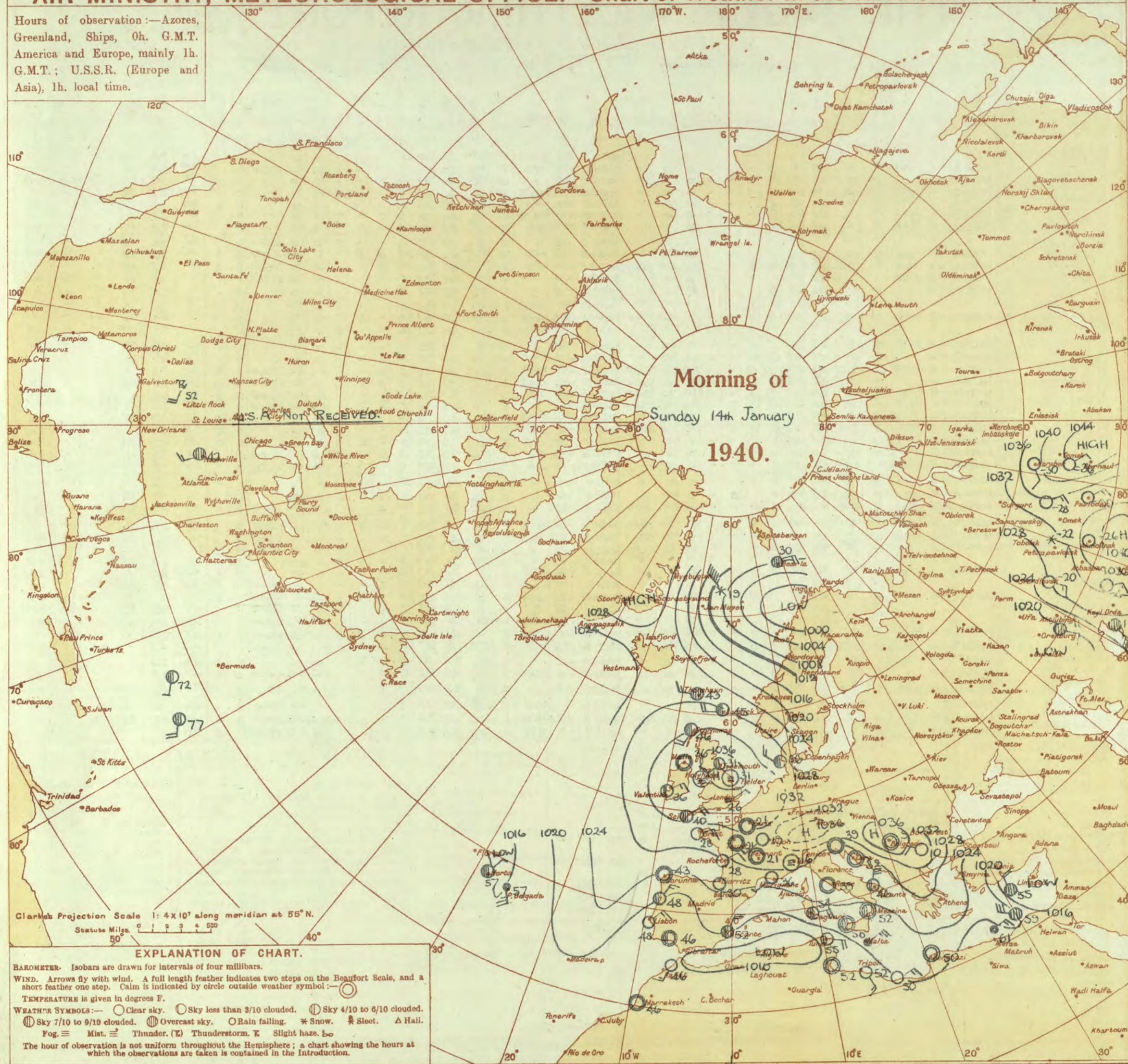
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

44143006 Wt 8109 D 4020 Sp 542 1/40

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

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Sunday, 14th January, 1940.
No. 28542.

OBSERVATIONS at 1 hr. G.M.T. 14th January														OBSERVATIONS at 7 hr. G.M.T. 14th January														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. %	Visiblity.	Cloud.					Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sun-shine 13th Hrs.	
					Direc.	Force.					Form.	Amount.		Height of Base (feet).	Direc.			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.				
												Low.	Med.											High.	Low 0-10.									Total 0-10.	Low 0-10.		Total 0-10.
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1032.3	-12	SSW	1	bf	26	97	1	-	-	0	0	-	3	*	36	24	13	Tr	Tr	0.0			
	Croydon ...	217	1034.4	-4	E/N	1	bf	26	97	3	-	-	-	1032.2	-12	E/S	2	bf	29	97	1	-	-	0	0	-	3	*	34	23	15	-	-	0.0			
	S. Farnborough ...	226	1034.6	-6	E/N	1	bf	19	97	1	-	-	-	1032.3	-4	E/S	2	bf	18	97	1	-	-	0	0	-	3	*	32	16	13	Tr	Tr	0.0			
	Boscombe Down ...	417	1034.3	-6	E/N	2	z	30	76	5	-	-	-	1032.0	-14	NE/E	3	z	30	85	5	-	-	0	0	-	3	*	35	23	14	-	-	6.7			
	Calshot (Stmntn.) ...	8	1033.4	-6	E/N	2	z	30	85	2	-	-	-	1031.2	-10	NE/E	2	z	28	85	3	-	-	0	0	-	3	*	36	27	23	-	-	7.0			
	Lympe ...	346	1033.8	-6	E/N	3	z	29	75	6	-	-	-	1031.9	-6	NE/E	3	z	26	75	6	-	-	0	0	-	3	*	35	26	21	-	-	6.0			
	Manston ...	154	1034.0	-10	ESE	3	z	34	75	5	-	-	-	1031.8	-14	E/S	2	z	32	75	6	-	-	0	0	-	3	*	36	29	17	-	-	6.0			
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1032.3	-12	N	2	z	29	97	2	-	-	10	10	1500	3	*	36	28	16	-	-	4.3			
	Felixstowe ...	15	1034.4	-8	N/E	2	z	33	92	6	-	-	-	1031.8	-14	N/E	2	z	30	97	4	-	-	1	2-3	4000	3	1	41	29	24	-	-	6.2			
	Gorleston ...	5	1035.4	-6	N/E	3	bc	36	75	6	-	-	-	1032.7	-16	E/S	2	bc	37	85	6	-	-	10	10	2500	3	2	41	32	31	-	-	*			
	Mildenhall ...	19	1035.4	-6	ESE	1	bf	23	97	1	-	-	-	1033.1	-14	-	1	bf	27	97	1	-	-	10	10	1500	3	*	43	19	15	Tr	Tr	5.3			
	Cranwell ...	240	1035.3	-10	-	0	bf	30	85	3	-	-	-	1032.7	-14	-	0	bf	25	92	3	-	-	0	0	-	3	*	41	24	18	Tr	Tr	5.8			
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1033.7	-10	NNW	2	m	27	86	4	-	-	1	0	Tr	3	*	37	26	14	-	-	1.9			
	Upper Heyford ...	408	1035.5	-2	NNR	2	z	27	85	5	-	-	-	1033.1	-14	NNR	2	m	26	92	4	-	-	4	5	0	Tr	-	3	*	38	25	15	0.1	-	*	
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1032.1	-12	SWW	1	m	20	92	4	-	-	2	0	2-3	3	*	35	18	11	-	-	5.5			
5	Hartland Point ...	299	1033.3	-6	E/E	3	b	33	85	7	-	-	-	1031.1	-12	E	3	b	29	85	7	-	-	0	0	-	0	2	37	28	27	-	-	6.1			
	Bristol ...	209	1034.7	-10	-	0	bf	27	85	3	-	-	-	1032.8	-12	-	0	bf	23	92	4	-	-	0	0	-	0	3	33	22	10	-	-	1.2			
	Portland Bill ...	32	1032.0	-8	E/N	4	bc	34	85	7	-	-	-	1030.2	-12	E/N	4	bc	32	92	6	-	-	4	6	2500	1	4	36	30	-	-	-	-	*		
	Plymouth ...	82	1032.8	-10	-	0	z	32	85	5	-	-	-	1030.5	-12	NNE	1	z	35	85	5	-	-	10	10	2500	0	0	36	31	23	-	-	0.0			
	The Lizard ...	240	1031.9	-6	NE	4	z	35	85	7	-	-	-	1030.5	-10	NE	3	z	37	85	7	-	-	10	10	1500	0	2	41	34	-	-	-	-	0.0		
	Scilly (St. Mary's) ...	163	1031.6	-6	NE/E	4	z	40	85	6	-	-	-	1029.8	-12	-	0	z	40	75	7	-	-	4	6	2500	0	2	41	39	-	-	-	-	0.0		
	Guernsey ...	175	1031.5	-6	E/S	3	b	35	75	6	-	-	-	1029.4	-8	E/E	2	b	35	75	6	-	-	0	0	-	0	3	37	23	25	-	-	7.1			
6	Pembroke ...	142	1033.9	-6	E/N	3	bc	33	85	6	-	-	-	1031.1	-8	E/N	3	b	32	85	5	-	-	0	0	-	3	2	38	29	-	-	-	-	6.0		
7	Holyhead ...	26	1034.6	-6	-	0	m	30	85	4	-	-	-	1031.7	-20	E/S	2	b	35	85	5	-	-	4	0	Tr	3	0	45	29	21	-	-	6.9			
	Chester (Sealand) ...	16	1025.9	-6	-	0	bf	23	92	3	-	-	-	1032.8	-18	SE	1	bf	23	85	3	-	-	2	3	4000	3	*	35	23	19	-	-	3.6			
8	Manchester ...	70	1036.2	-4	WNW	1	bf	18	97	1	-	-	-	1033.7	-10	SE	1	F	18	97	0	-	-	10	10	1500	3	*	26	17	9	-	-	0.0			
10	Spurn Head ...	29	1036.1	-6	-	0	bf	31	97	2	-	-	-	1033.1	-10	-	0	m	31	92	4	-	-	0	0	-	3	0	42	28	-	-	Tr	6.0			
	Catterick ...	175	1036.0	-6	-	0	z	24	92	5	-	-	-	1032.5	-20	-	0	z	20	92	5	-	-	6	0	46	3	*	42	19	13	-	-	3.4			
	Tynemouth ...	108	1036.0	-14	SW	2	bc	31	85	3	-	-	-	1032.9	-20	W	3	bc	33	73	6	-	-	2	3	1500	3	1	39	30	24	-	-	*			
11	St. Abbs Head ...	280	1034.7	-14	WNW	1	b	40	85	6	-	-	-	1031.5	-24	WNW	1	c	41	92	7	-	-	7	10	1500	0	1	41	38	-	-	-	-	*		
	Leuchars ...	36	1034.8	-10	WSW	2	z	35	92	6	-	-	-	1031.3	-26	SW	3	z	37	92	7	-	-	10	10	2500	3	*	43	32	23	-	-	4.4			
12	Renfrew (Abbots I.) ...	19	1036.3	-4	-	0	z	23	97	0	-	-	-	1032.7	-22	-	0	F	31	97	1	-	-	10	10	1500	3	*	29	24	23	-	-	0.0			
	Eskdalemuir ...	794	1036.3	-4	-	0	z	23	97	0	-	-	-	1033.1	-16	-	0	bc	21	97	8	-	-	5	0	2-3	3	*	39	20	14	-	-	4.2			
	Point of Ayre ...	30	1035.6	-6	SE	2	b	38	92	6	-	-	-	1032.5	-20	ESE	2	b	37	97	5	-	-	0	0	-	3	1	42	36	-	-	-	-	2.6		
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1031.2	-16	WSW	2	b	41	92	8	-	-	1	1	4000	0	2	49	39	35	Tr	-	-	0.1		
13B	Stornoway ...	80	1022.8	-8	SW	4	c	46	97	7	-	-	-	1029.5	-22	SW	3	c	45	85	7	-	-	7	10	2500	1	2	*	*	Tr	0.6	1.9				
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	1032.1	-24	S	1	c	38	97	7	-	-	10	10	2500	1	*	41	33	28	-	-	0.1			
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1029.8	-24	W/N	1	bc	41	85	8	-	-	2	3	2500	1	1	45	39	30	-	-	0.0			
	Lierk ...	81	1032.4	-10	WSW	2	bc	40	97	7	-	-	-	1028.3	-22	WSW	2	c	44	92	7	-	-	8	7	1500	1	1	46	37	-	-	Tr	0.0			
16	Lerwick ...	156	1028.9	-10	W	4	for	45	85	7	-	-	-	1028.6	-28	W/S	4	for	45	97	6	-	-	4	6	800	1	*	43	43	-	-	0.5	2	0.4		
17	Blacksod Point ...	18	1034.7	-6	E	1	b	37	92	7	-	-	-	1032.4	-12	-	0	cf	35	97	3	-	-	0	10	-	0	1	46	30	-	-	-	-	0.5		
18	Malin Head ...	84	1035.8	-8	-	0	b	36	92	8	-	-	-	1032.9	-10	SSW	1	z	35	92	6	-	-	4	6	4000	0	4	47	33	-	-	-	-	0.5		
	Aldergrove ...	268	1035.7	-10	E/N	1	mf	29	97	4	-	-	-	1033.2	-16	-	0	F	32	97	1	-	-	10	10	1500	3	*	40	26	20	-	-	2.5			
19	Birr Castle ...	173	1035.5	-4	SSW	1	bf	18	97	3	-	-	-	1033.5	*	SSW	1	cf	18	97	3	-	-	10	10	2500	3	*	36	16	16	-	-	1.4			
20	Valentia Obay. ...	30	1034.0	-4	E/N	3	z	36	75	6	-	-	-	1032.3	-12	NE/E	2	bc	35	85	7	-	-	4	6	2500	3	2	45	33	26	Tr	Tr	6.2			
	Roches Point ...	22	1034.0	-10	E	3	b	33	92	8	-	-	-	1032.2	-8	E/N	4	bc	33	92	8	-	-	4	6	2500	1	3	45	31	-	-	-	-	6.2		

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 15th January 1940.

No. 28,543

OBSERVATIONS at 13h. G.M.T. 14th January														OBSERVATIONS at 18h. G.M.T. 14th January														PAST 24 HOURS.				
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1) mb.	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15) -mb.	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.				
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Form. (23)			Amount. (24)	Height of Base (feet) (25)					7h.—13h. 14th (37)	13h.—18h. 14th (38)	18h.—to 1st (39)	1h.—7h. 15th (40)							
1	London (Kew)...	1025.3	-20	NE	2	F	25	97	1	-	-	10	10	1027.5	-14	-	0	F	31	97	1	-	-	10	10	1027.5	3	*	OFFX	OFFX	OFFX	OFFX
	Croydon ...	1030.3	-14	E	1	F	29	97	1	-	-	10	10	1027.5	-14	-	0	F	31	97	1	-	-	10	10	1027.5	3	*	OFFX	OFFX	OFFX	OFFX
	S. Farnborough	1030.3	-18	ENE	2	F	29	97	1	-	-	10	10	1027.8	-18	ENE	2	F	31	97	2	-	-	10	10	1027.8	3	*	OFFX	OFFX	OFFX	OFFX
	Boscombe Down	1029.5	-22	NE	2	F	33	95	6	-	-	0	0	1027.5	-6	-	0	F	31	92	5	-	-	0	0	1027.5	3	*	OFFX	OFFX	OFFX	OFFX
	Calshot (Soton.)	1028.8	-18	NE	1	F	41	65	6	-	-	0	0	1026.8	-10	NE	2	F	32	85	3	-	-	0	0	1026.8	3	*	OFFX	OFFX	OFFX	OFFX
	Lymington	1029.2	-20	NE	3	F	33	75	7	-	-	0	0	1026.8	-10	NE	2	F	32	85	3	-	-	0	0	1026.8	3	*	OFFX	OFFX	OFFX	OFFX
	Manston	1029.7	-16	E	2	F	33	75	6	-	-	10	10	1027.1	-12	E	1	F	37	78	6	-	-	10	10	1027.1	3	*	OFFX	OFFX	OFFX	OFFX
2	Shoeburyness ...	1030.2	-18	-	0	F	33	97	3	-	-	9	9	1027.7	-14	N	1	F	34	97	2	-	-	10	10	1027.7	3	*	OFFX	OFFX	OFFX	OFFX
	Felixstowe ...	1029.6	-16	ESE	2	F	40	85	7	-	-	1	1	1026.3	-10	-	0	F	35	92	3	-	-	10	10	1026.3	3	*	OFFX	OFFX	OFFX	OFFX
	Gorleston ...	1030.1	-14	WSW	1	F	35	85	4	-	-	9	9	1027.3	-10	W	2	F	34	92	4	-	-	10	10	1027.3	3	*	OFFX	OFFX	OFFX	OFFX
	Mildenhall ...	1030.8	-16	NW	2	F	31	97	3	-	-	10	10	1027.6	-18	WSW	1	F	30	97	1	-	-	10	10	1027.6	3	*	OFFX	OFFX	OFFX	OFFX
	Cranwell ...	1029.3	-30	SSE	2	F	27	97	1	-	-	10	10	1027.6	-12	-	0	F	23	97	1	-	-	10	10	1027.6	3	*	OFFX	OFFX	OFFX	OFFX
3	Birmingham	1030.1	-20	N	1	F	42	35	1	-	-	10	10	1027.6	-14	NW	2	F	34	45	2	-	-	0	0	1027.6	3	*	OFFX	OFFX	OFFX	OFFX
	Upper Heyford	1030.4	-16	N	1	F	36	55	5	-	-	0	0	1027.7	-14	-	0	F	26	92	3	-	-	0	0	1027.7	3	*	OFFX	OFFX	OFFX	OFFX
4	Ross-on-Wye	1029.6	-24	ENE	1	F	34	65	3	-	-	0	0	1027.7	-12	E	1	F	28	85	2	-	-	0	0	1027.7	3	*	OFFX	OFFX	OFFX	OFFX
5	Hartland Point	1029.0	-20	ENE	2	F	34	85	6	-	-	0	0	1026.8	-8	SE	2	F	35	75	7	-	-	0	0	1026.8	3	*	OFFX	OFFX	OFFX	OFFX
	Bristol ...	1030.3	-20	-	0	F	36	75	2	-	-	0	0	1027.9	-6	-	0	F	32	75	3	-	-	0	0	1027.9	3	*	OFFX	OFFX	OFFX	OFFX
	Portland Bill	1027.9	-18	ENE	1	F	35	92	6	-	-	4	4	1026.1	-4	ENE	3	F	36	92	6	-	-	4	4	1026.1	3	*	OFFX	OFFX	OFFX	OFFX
	Plymouth ...	1028.8	-20	N	2	F	37	75	4	-	-	9	9	1027.0	-6	ENE	1	F	35	85	3	-	-	4	4	1027.0	3	*	OFFX	OFFX	OFFX	OFFX
	The Lizard	1028.7	-10	N	3	F	39	85	4	-	-	10	10	1026.9	-8	NNE	2	F	37	92	5	-	-	4	4	1026.9	3	*	OFFX	OFFX	OFFX	OFFX
	Scilly (St. Mary's)	1028.6	-10	N	1	F	41	85	6	-	-	4	4	1026.6	-14	NNE	2	F	41	75	6	-	-	7	7	1026.6	3	*	OFFX	OFFX	OFFX	OFFX
	Guernsey	1026.7	-20	ENE	1	F	39	75	6	-	-	6	6	1025.3	-4	ENE	1	F	38	75	5	-	-	0	0	1025.3	3	*	OFFX	OFFX	OFFX	OFFX
6	Pembroke	1029.5	-14	ESE	2	F	40	75	6	-	-	2	2	1027.3	-6	E	1	F	36	65	7	-	-	2	2	1027.3	3	*	OFFX	OFFX	OFFX	OFFX
7	Holyhead	1029.8	-18	SW	2	F	47	65	5	-	-	6	6	1027.3	-6	-	0	F	40	92	3	-	-	10	10	1027.3	3	*	OFFX	OFFX	OFFX	OFFX
	Chester (Sealand)	1030.5	-20	-	0	F	38	65	4	-	-	6	6	1027.5	-8	-	0	F	29	85	4	-	-	0	0	1027.5	3	*	OFFX	OFFX	OFFX	OFFX
8	Manchester	1030.3	-28	SE	2	F	23	32	1	-	-	6	6	1027.3	-20	-	0	F	23	97	1	-	-	0	0	1027.3	3	*	OFFX	OFFX	OFFX	OFFX
10	Spurn Head	1030.0	-18	SW	3	F	31	97	1	-	-	10	10	1026.2	-14	-	0	F	30	97	4	-	-	8	8	1026.2	3	*	OFFX	OFFX	OFFX	OFFX
	Catterick	1029.9	-24	-	0	F	37	65	6	-	-	2	2	1026.7	-10	-	0	F	27	85	4	-	-	0	0	1026.7	3	*	OFFX	OFFX	OFFX	OFFX
	Tynemouth	1030.6	-18	W	3	F	38	75	4	-	-	2	2	1027.0	-18	WNW	3	F	36	85	4	-	-	2	2	1027.0	3	*	OFFX	OFFX	OFFX	OFFX
11	St. Abbs Head	1028.2	-22	WNW	2	F	43	75	3	-	-	7	7	1025.1	-8	WNW	3	F	41	65	6	-	-	7	7	1025.1	3	*	OFFX	OFFX	OFFX	OFFX
	Leuchars	1027.7	-24	W	1	F	39	85	6	-	-	7	7	1024.4	-16	WNW	3	F	36	92	4	-	-	0	0	1024.4	3	*	OFFX	OFFX	OFFX	OFFX
12	Rentfrew (Abbots L.)	1029.7	-10	-	0	F	36	97	3	-	-	10	10	1026.6	-18	WNW	6	F	39	97	4	-	-	7	7	1026.6	3	*	OFFX	OFFX	OFFX	OFFX
	Eskdalemuir	1030.0	-18	SW	1	F	30	97	7	-	-	4	4	1026.0	-18	SSW	1	F	35	92	8	-	-	1	1	1026.0	3	*	OFFX	OFFX	OFFX	OFFX
	Point of Ayre	1030.0	-16	NE	2	F	39	92	5	-	-	2	2	1027.6	-16	NW	3	F	39	97	7	-	-	10	10	1027.6	3	*	OFFX	OFFX	OFFX	OFFX
13A	Tiree ...	1028.9	-14	WSW	2	F	45	85	8	-	-	4	4	1026.1	-10	WNW	2	F	42	85	8	-	-	4	4	1026.1	3	*	OFFX	OFFX	OFFX	OFFX
13B	Stornoway	1026.7	-18	SW	4	F	46	75	8	-	-	4	4	1024.4	-10	SW	3	F	45	75	7	-	-	3	3	1024.4	3	*	OFFX	OFFX	OFFX	OFFX
15	Dalwhinnie	1026.0	-30	WSW	2	F	42	75	7	-	-	9	9	1025.0	-18	SW	3	F	38	85	7	-	-	4	4	1025.0	3	*	OFFX	OFFX	OFFX	OFFX
	Aberdeen	1026.0	-30	WSW	1	F	45	75	6	-	-	7	7	1023.6	-10	WS	1	F	39	85	6	-	-	7	7	1023.6	3	*	OFFX	OFFX	OFFX	OFFX
	Wick ...	1024.6	-22	W	3	F	45	75	8	-	-	2	2	1021.1	-16	W	3	F	45	75	7	-	-	4	4	1021.1	3	*	OFFX	OFFX	OFFX	OFFX
16	Lerwick...	1020.0	-6	NW	4	F	42	97	6	-	-	4	4	1019.6	0	NNE	4	F	37	97	7	-	-	4	4	1019.6	3	*	OFFX	OFFX	OFFX	OFFX
17	Blacksod Point...	1030.5	-16	-	0	F	41	85	7	-	-	0	0	1028.8	-14	SE	1	F	37	97	7	-	-	0	0	1028.8	3	*	OFFX	OFFX	OFFX	OFFX
18	Malin Head ...	1030.0	-8	S	2	F	40	85	6	-	-	2	2	1027.7	-12	SSW	1	F	35	92	6	-	-	2	2	1027.7	3	*	OFFX	OFFX	OFFX	OFFX
	Aldergrove ...	1031.2	-16	-	0	F	35	97	1	-	-	10	10	1028.7	-10	-	0	F	31	97	1	-	-	10	10	1028.7	3	*	OFFX	OFFX	OFFX	OFFX
19	Birr Castle ...	1032.1	-1	N	1	F	23	97	7	-	-	0	0	1029.4	-1	NNE	1	F	20	92	3	-	-	10	10	1029.4	3	*	OFFX	OFFX	OFFX	OFFX
20	Valentia Obay. †	1030.7	-14	NE	1	F	39	85	7	-	-	0	0	1028.9	-6	-	0	F	36	85	7	-	-	0	0	1028.9	3	*	OFFX	OFFX	OFFX	OFFX
	Roches Point ...	1030.2	-20	N	3	F	38	75	6	-	-	0	0	1027.8	-12	N	3	F	36	85	5	-	-	0	0	1027.8	3	*	OFFX	OFFX	OFFX	OFFX

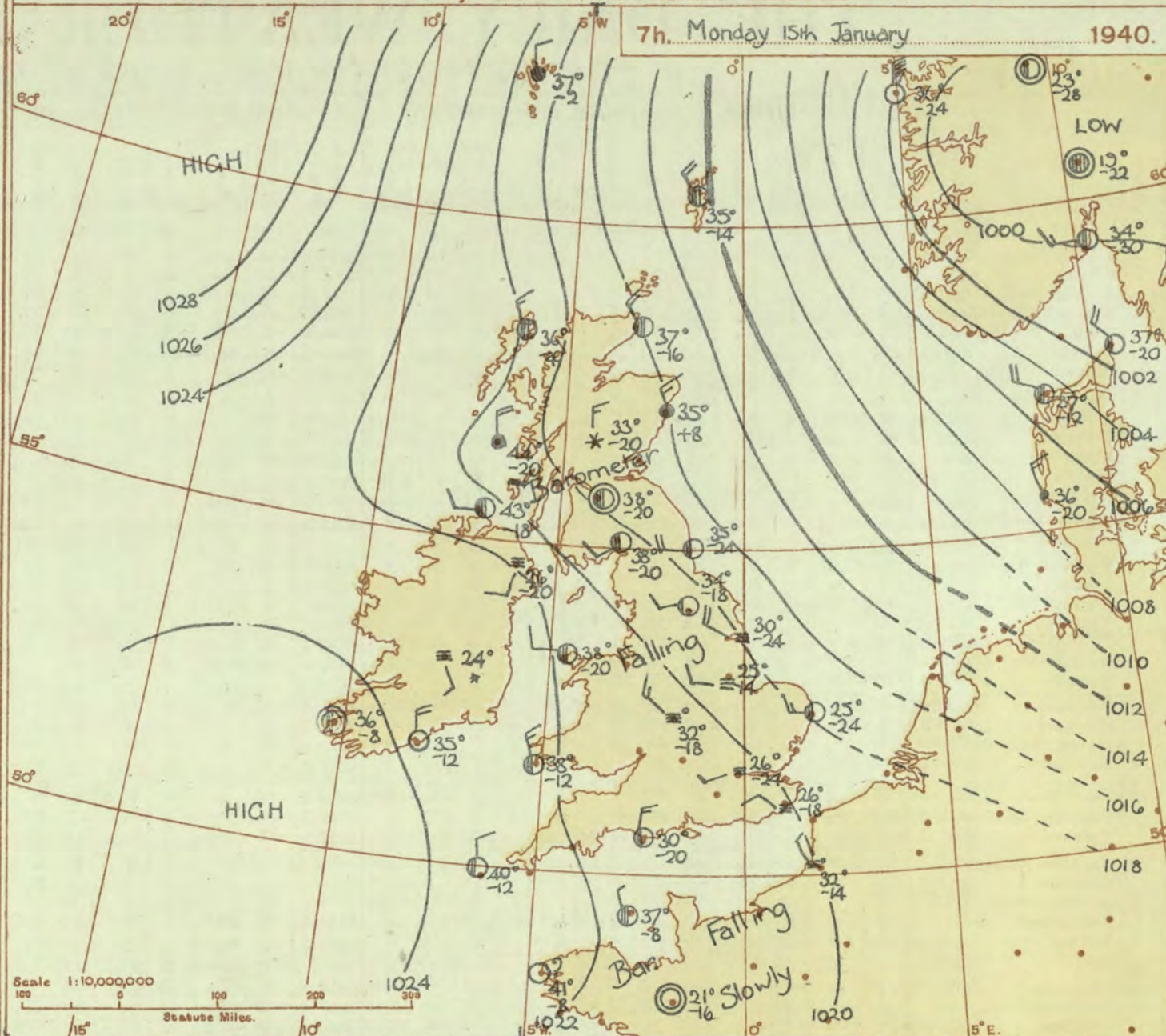
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.		COLUMNS 9, 23.—FORM OF LOW CLOUD.		COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.		COLUMNS 11, 2
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AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 15th January

1940.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th January, 1940.

1 S.E. England	Wind northwest, slowly freshening, veering north tomorrow; fair but fog in places at first, clearing; cloudy, some rain or sleet perhaps snow later; less cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind northwest, light to moderate; fine to-day; cloudy, some light rain or sleet tomorrow; less cold.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind northwest, moderate, freshening, veering north perhaps strong locally on the coast; cloudy occasional rain sleet and snow; less cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind becoming north to northeast, fresh or strong, to gale at times on the coast; occasional sleet and snow; brighter periods and snow showers tomorrow; cold.
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 7 - 9.
19 S. E. Ireland	
20 S. W. Ireland	As 4 - 6.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is very high in the Greenland-Iceland area. A depression over South Norway will move south and probably deepen whilst associated trough will move southwards over the British Isles. Unsettled conditions with some rain, sleet and snow will spread down from the North accompanied by some rise in temperature at least temporarily. Fog in eastern and southern England will clear slowly.

FURTHER OUTLOOK.

Wintry conditions in most districts.

Forecasts issued at 1100 GMT.

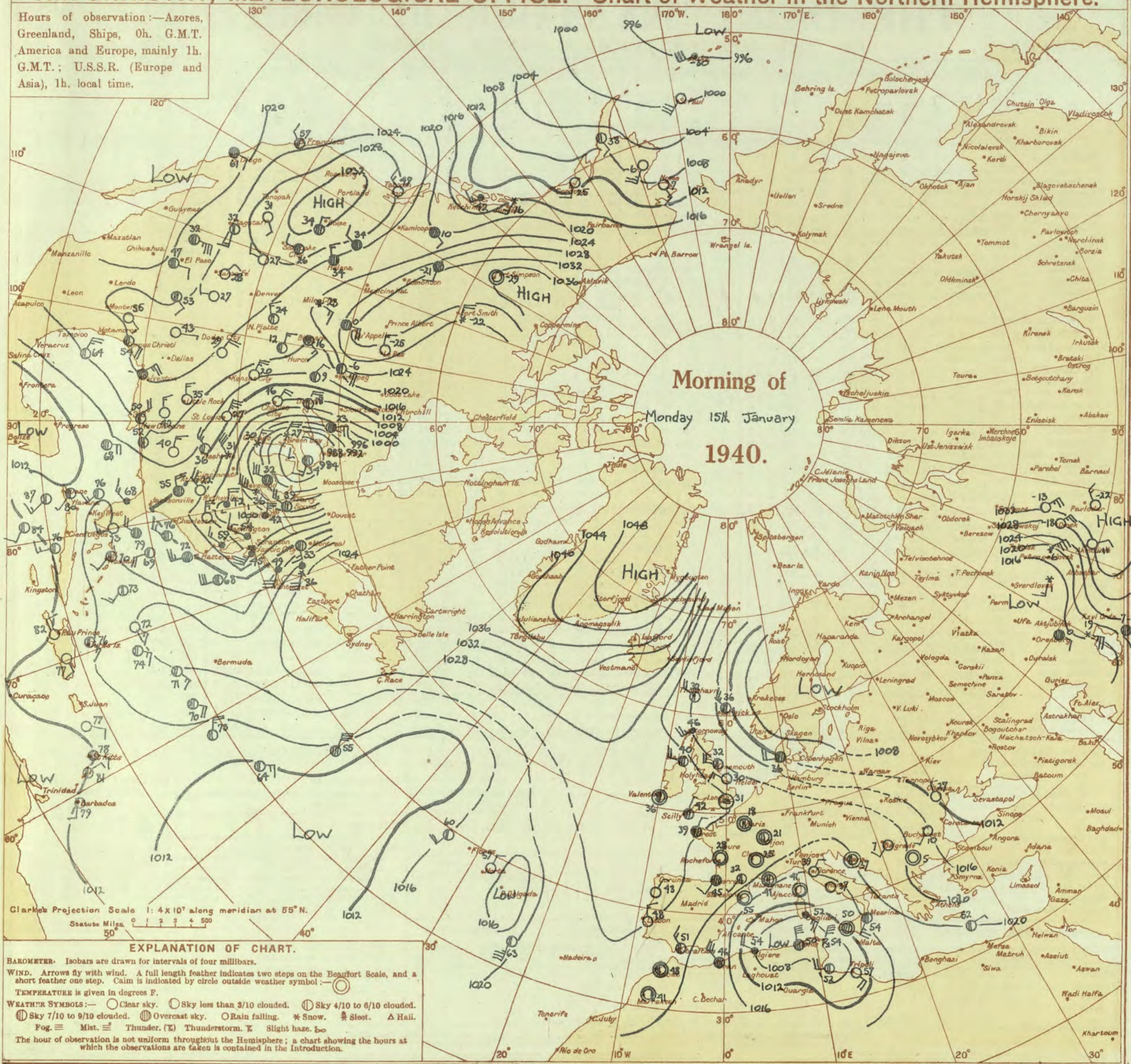
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

24/4/3808, W. 8108, D 4626, Sp 348, 1/40

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 1st January														OBSERVATIONS at 7 hr. G.M.T. 1st January														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. (5)	Temp. °F. (6)	Humid. % (7)	Vis. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Vis. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.		RAINFALL.		SUNSHINE (36) Hrs.				
					Direc.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Direc.	Force.			Form.	Amount.					Height of Base. (feet) (28)	Max. Day 7h-12h °F. (31)	Min. Night 12h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-12h mm. (34)			Night 12h-7h mm. (35)								
																																0-12	0-12	0-12		0-12	0-12	0-12	0-12
1	London (Kew) ... 18																																						
	Croydon ... 217	1024.6	-22					31	97	2				1020.5	-24	WSW	2				27	97	2	5					3	*	32	25	21	Tr	Tr	0.0			
	S. Farnborough ... 226	1024.9	-18					29	97	1				1020.6	-24	WSW	1				26	97	1	-					3	*	31	26	25	Tr	Tr	0.0			
	Boscombe Down ... 417	1025.2	-18					23	97	1				1021.4	-18	W	1				23	97	1	-					3	*	31	23	22	Tr	Tr	0.0			
	Calshot (St. Mary's) ... 8	1024.7	-14	N.E.	1	0	0	31	97	1				1021.9	-18	N.W.	2				16	97	3	-					3	*	40	15	12	Tr	Tr	7.3			
	Lymington ... 346	1023.9	-18	E.N.E.	1	0	0	34	85	6	5	5	9	9	1500	1021.5	-18	N.W.	2			25	97	0	-					3	*	42	24	23	-	-	7.4		
	Manston ... 154	1023.7	-18	W.N.W.	1	0	0	33	97	5	5	5	10	10	1500	1015.5	-22	N.W.	3			27	97	1	-					3	*	39	26	25	-	-	7.4		
2	Shoeburyness ... 11																																						
	Felixstowe ... 15							30	97	1				1017.8	-22	W	2				26	97	2	-					3	*	34	27	16	-	-	0.0			
	Gorleston ... 5	1023.0	-22	WSW	3	0	0	28	92	1				1018.0	-24	W	3				25	85	5	5	-	2	3	1500	3	1	40	24	23	-	-	3.3			
	Mildenhall ... 19	1023.7	-18	SW	2	0	0	23	97	1				1019.1	-18	SW	2				20	92	3	-					3	*	32	19	16	Tr	Tr	0.0			
	Cranwell ... 240	1023.1	-22	W.N.	2	0	0	28	85	2				1019.2	-14	W	2				25	97	2	-					3	*	28	13	14	-	-	0.0			
3	Birmingham ... 535																																						
	Upper Heyford ... 408	1025.1	-22					18	85	2				1020.8	-18	N.W.	3				32	92	4	5	-	7	8	800	3	*	42	28	15	-	-	3.5			
4	Ross-on-Wye ... 223													1021.5	-20	SSW	1				17	85	3	-					3	*	38	15	9	-	-	*			
5	Hartland Point ... 299	1024.5	-14	F	1	0	0	35	65	6	-	-	0	0	-	1021.7	-18	S	1			37	75	6	-					3	1	36	33	24	-	-	5.2		
	Bristol ... 209	1025.2	-18					23	92	3	-	-	0	0	-	1021.7	-20	-	0			23	92	3	-					3	*	40	19	13	-	-	5.4		
	Portland Bill ... 32	1024.3	-6	E.N.E.	3	0	0	33	92	6	5	-	10	10	1500	1021.0	-20	N.W.	3			30	92	6	5	-	4	6	1500	1	3	39	28	*	-	-	*		
	Plymouth ... 82	1025.0	-14					29	85	4	-	-	0	0	-	1021.9	-18	-	0			27	85	4	-					0	0	39	27	20	-	-	4.0		
	The Lizard ... 240	1025.3	-24	N.E.	3	0	0	36	92	6	4	-	2	3	2500	1022.0	-16	N.E.	2			33	92	6	4	-	2	3	2500	3	1	40	33	*	-	-	0.0		
	Scilly (St. Mary's) ... 163	1024.9	-10	N.E.	2	0	0	42	86	6	5	2	7	8	2500	1022.7	-12	N.W.	1			40	85	6	5	-	2	3	2500	0	1	41	38	*	-	-	0.0		
	Guernsey ... 175	1023.5	-8	N.E.	2	0	0	36	85	5	-	-	0	0	-	1020.9	-8	N.W.	1			37	85	6	5	-	4	6	10	2500	5	3	40	34	22	-	-	6.4	
6	Pembroke ... 142	1025.1	-12					36	65	7	-	-	0	0	-	1022.4	-12	N.W.	3			38	85	7	5	-	2	3	2500	1	1	43	34	*	-	-	6.0		
7	Holyhead ... 26	1024.7	-14	N.W.	2	0	0	40	85	4	5	-	10	10	220	1021.3	-20	W	2			38	85	6	5	-	10	10	220	1	1	47	36	25	-	-	4.0		
8	Chester (Sealand) ... 16	1024.5	-12	N.W.	1	0	0	29	97	1	-	-	10	10	1500	1021.3	-18	N.W.	2			36	85	4	5	-	10	10	1500	3	*	46	22	21	-	-	6.3		
	Manchester ... 70	1024.3	-18	N.W.	1	0	0	20	97	1	-	-	10	10	1500	1021.1	-22	E.N.	1			30	97	1	-					3	*	31	19	14	-	-	0.3		
10	Spurn Head ... 29	1021.7	-20	N.W.	3	0	0	30	97	4	-	-	0	0	-	1017.7	-24	N.W.	4			30	97	3	-					3	3	33	29	*	Tr	Tr	1.3		
	Catterick ... 175	1022.1	-26					23	92	6	-	-	0	0	-	1018.8	-18	W.S.	2			24	85	6	5	-	Tr	Tr	4000	3	*	37	20	13	-	-	3.2		
	Tynemouth ... 108	1022.5	-20	W	3	0	0	32	85	6	5	-	2	3	1500	1017.9	-24	W	2			35	85	6	5	-	2	3	1500	3	1	40	32	28	-	-	*		
11	St. Abbs Head ... 280	1019.5	-28	N.W.	5	0	0	40	75	8	4	-	2	3	2500	1018.1	-30	N.W.	5			42	65	8	4	-	4	6	2500	0	3	44	39	*	-	-	*		
	Leuchars ... 36	1020.4	-24	SSW	3	0	0	38	92	7	5	-	2	3	4000	1015.9	-22	SW	3			36	85	7	5	1	9	9	4000	3	*	40	33	27	-	-	0.4		
12	Renfrew (Abbots I.) ... 19	1022.5	-26	WSW	2	0	0	40	85	5	5	-	7	8	2500	1018.4	-20	-	0			38	85	7	5	-	9	9	2500	1	*	39	35	31	0.1	-	0.0		
	Eskdalemuir ... 794													1018.2	-20	SW	2				38	75	8	5	-	4	6	1500	3	*	36	31	24	-	-	2.3			
	Point of Ayre ... 30	1024.3	-8	N.W.	3	0	0	40	92	7	5	-	9	9	2500	1020.5	-14	N.W.	4			37	97	8	5	-	4	6	2500	1	2	39	37	*	-	-	0.0		
13a	Tiree ... 22															1018.3	-20	N	4			44	97	7	8	-	7	8	1500	1	4	47	41	36	-	-	0.4		
13b	Stornoway ... 80	1019.7	*	WSW	5	0	0	46	85	7	8	7	7	8	1500	1020.2	-4	N.W.	3			36	85	7	5	7	-	7	8	2500	1	2	47	36	*	-	-	2.7	
15	Dalwhinnie ... 1176															1018.7	-20	N	3			33	97	5	6	-	10	10	1500	4	*	43	32	32	-	-	0.9		
	Aberdeen ... 79															1016.6	+8	N.W.	3			35	92	6	5	-	10	10	1500	1	1	47	35	24	-	-	0.5		
	Wick ... 81	1017.2	-6	N.E.	6	0	0	40	92	7	5	2	9	10	800	1016.4	-16	N.W.	4			37	75	7	5	2	-	7	8	1500	1								

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Tuesday 16 January, 1940.
No 28,544

OBSERVATIONS at 13h. G.M.T. 15th January														OBSERVATIONS at 18h. G.M.T. 15th January														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)	Vis. (8)	Cloud. (9) (10) (11)			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Vis. (22)	Cloud. (23) (24) (25)			State of Ground. (28)	Sea. (29)	(30)	WEATHER.				
				Form.	Amount.					Height of Base. (feet) (14)	Form.	Amount			Height of Base (feet) (27)	7h.—13h. 15th (37)					13h.—18h. 15th (38)	18h.—to 1h.—7h. 16th (39)	1h.—7h. 16th (40)								
1	London (Kew)...	1017.4	-14	SW	2	bc	30	92	3	-	-	-	1014.1	-16	SW	2	bc	30	92	2	-	-	-	3	*	off	bc	bc	bc	bc	
	Croydon ...	1018.4	-12	WN	2	bc	29	92	2	-	-	-	1014.5	-14	WS	2	bc	29	97	2	-	-	-	3	*	off	bc	bc	bc	bc	
	S. Farnborough ...	1018.3	-13	WN	3	bc	29	92	2	-	-	-	1015.1	-18	WS	2	bc	28	97	2	-	-	-	3	*	off	bc	bc	bc	bc	
	Boscombe Down ...	1017.2	-38	NW	2	bc	32	92	3	-	-	-	1015.8	-14	-	0	0	35	85	4	-	-	-	3	*	off	bc	bc	bc	bc	
	Calshot (Soton) ...	1018.3	-22	NW	1	m	33	75	4	-	-	-	1015.4	-18	WN	2	bc	32	85	3	-	-	-	3	*	off	bc	bc	bc	bc	
	Lympne ...	1017.6	-18	NW	1	b/f	28	97	4	-	-	-	1014.8	-16	NW	3	bc	28	97	3	-	-	-	3	*	off	bc	bc	bc	bc	
	Manston ...	1016.1	-22	NW	3	bc	32	85	3	-	-	-	103.1	-14	WN	3	bc	29	97	2	-	-	-	3	*	off	bc	bc	bc	bc	
2	Shoeburyness ...	1017.1	-12	NW	2	m	30	92	4	-	-	-	1017.8	-18	WS	1	bc	30	92	2	-	-	-	3	*	off	bc	bc	bc	bc	
	Felixstowe ...	1014.4	-18	NW	2	bc	32	85	3	-	-	-	1011.1	-18	WS	2	bc	32	92	4	-	-	-	3	*	off	bc	bc	bc	bc	
	Gorleston ...	1014.8	-16	WN	2	bc	35	85	5	-	-	-	1011.6	-20	WS	3	m	32	85	4	-	-	-	3	*	off	bc	bc	bc	bc	
	Mildenhall ...	1016.0	*	WS	3	f	31	97	3	-	-	-	1012.8	-18	WS	3	m	29	97	4	-	-	-	3	*	off	bc	bc	bc	bc	
	Cranwell ...	1015.8	-28	WS	3	b/f	35	85	4	-	-	-	1012.6	-18	WS	2	mrs	34	92	5	-	-	-	3	*	off	bc	bc	bc	bc	
3	Birmingham ...	1017.6	-20	NW	3	bc	36	75	4	-	-	-	1014.3	-20	WN	3	20	85	75	5	-	-	-	3	*	off	bc	bc	bc	bc	
	Upper Heyford ...	1018.5	-14	NW	3	b/f	31	97	4	-	-	-	1015.0	-16	NW	2	m	29	85	4	-	-	-	3	*	off	bc	bc	bc	bc	
4	Ross-on-Wye ...	1021.6	-24	ENE	1	b	17	97	3	-	-	-	1015.8	-12	SW	1	20	31	85	5	-	-	-	3	*	off	bc	bc	bc	bc	
5	Hartland Point ...	1019.4	-20	NW	2	b	43	85	8	-	-	-	1017.1	-14	NW	2	bc	40	92	7	-	-	-	3	*	off	bc	bc	bc	bc	
	Bristol ...	1018.9	-22	-	0	bc	33	85	2	-	-	-	1016.3	-8	-	0	f	24	85	3	-	-	-	3	*	off	bc	bc	bc	bc	
	Portland Bill ...	1018.4	-20	NW	3	bc	41	92	7	-	-	-	1015.7	-12	NW	3	bc	39	92	7	-	-	-	3	*	off	bc	bc	bc	bc	
	Plymouth ...	1018.2	-24	NW	2	20	41	75	5	-	-	-	1017.2	-6	NW	2	m	40	75	4	-	-	-	3	*	off	bc	bc	bc	bc	
	The Lizard ...	1020.9	-10	NW	2	bc	45	75	7	-	-	-	1018.2	-12	NW	3	bc	37	85	8	-	-	-	3	*	off	bc	bc	bc	bc	
	Scilly (St. Mary's) ...	1021.3	-14	NW	3	bc	46	65	8	-	-	-	1019.2	-6	NW	4	c	44	65	7	-	-	-	3	*	off	bc	bc	bc	bc	
	Guernsey ...	1018.0	-18	NW	1	20	43	75	6	-	-	-	1015.9	-10	WN	1	m	38	75	4	-	-	-	3	*	off	bc	bc	bc	bc	
6	Pembroke ...	1020.5	-16	N	2	b	43	85	6	-	-	-	1017.5	-14	NW	3	c	42	75	7	-	-	-	3	*	off	bc	bc	bc	bc	
7	Holyhead ...	1019.0	-24	WN	4	c	42	85	5	-	-	-	1015.2	-30	WN	5	c	44	75	5	-	-	-	3	*	off	bc	bc	bc	bc	
	Chester (Sealand) ...	1018.1	-22	WN	3	20	41	75	6	-	-	-	1014.2	-20	W	3	20	41	65	5	-	-	-	3	*	off	bc	bc	bc	bc	
8	Manchester ...	1017.8	-20	W	1	off	35	97	4	-	-	-	1013.5	-26	W	3	off	38	92	4	-	-	-	3	*	off	bc	bc	bc	bc	
10	Spurn Head ...	1018.8	-18	WN	5	c	38	85	4	-	-	-	1011.5	-6	NW	3	r	37	92	4	-	-	-	3	*	off	bc	bc	bc	bc	
	Catterick ...	1014.4	-26	WS	4	c	42	75	7	-	-	-	1012.9	-6	WN	2	20	36	92	5	-	-	-	3	*	off	bc	bc	bc	bc	
	Tynemouth ...	1016.1	-4	WN	3	c	37	92	5	-	-	-	1016.1	-16	NW	4	bc	35	65	8	-	-	-	3	*	off	bc	bc	bc	bc	
11	St. Abbs Head ...	1014.8	-10	NW	4	c	38	92	8	-	-	-	1013.1	-16	NW	4	bc	37	65	8	-	-	-	3	*	off	bc	bc	bc	bc	
	Leuchars ...	1015.8	-10	NW	2	c	37	75	8	-	-	-	1013.1	-8	WN	2	bc	36	75	8	-	-	-	3	*	off	bc	bc	bc	bc	
12	Renfrew (Abbots L.) ...	1018.9	+6	-	0	m	38	92	4	-	-	-	1015.0	-12	WN	2	20	38	85	6	-	-	-	3	*	off	bc	bc	bc	bc	
	Eskdalemuir ...	1015.5	-16	ENE	2	s	35	92	6	-	-	-	1014.1	-6	-	0	c	32	75	7	-	-	-	3	*	off	bc	bc	bc	bc	
	Point of Ayre ...	1017.6	-20	NW	5	c	42	92	8	-	-	-	1014.4	-4	NW	5	c	42	85	8	-	-	-	3	*	off	bc	bc	bc	bc	
13A	Tiree ...	1019.0	0	N	5	c	41	65	8	-	-	-	1016.8	-6	NW	5	bc	43	85	8	-	-	-	3	*	off	bc	bc	bc	bc	
13B	Stornoway ...	1019.1	-12	NW	4	pr	41	85	8	-	-	-	1018.1	0	N	6	c	38	75	7	-	-	-	3	*	off	bc	bc	bc	bc	
15	Dalwhinnie ...	1013.6	-6	N	3	bc	31	85	8	-	-	-	1014.0	-10	NW	3	is	33	92	6	-	-	-	3	*	off	bc	bc	bc	bc	
	Aberdeen ...	1013.6	-20	NW	4	bc	36	85	7	-	-	-	1011.8	-6	NW	3	bc	34	92	7	-	-	-	3	*	off	bc	bc	bc	bc	
	Wick ...	1013.6	-16	NW	4	c	39	85	8	-	-	-	1013.1	+10	N	7	pr	35	85	7	-	-	-	3	*	off	bc	bc	bc	bc	
16	Lerwick ...	1010.5	-4	NW	8	c/s	35	85	7	-	-	-	1011.5	0	NE	1	c/s	30	65	7	-	-	-	3	*	off	bc	bc	bc	bc	
17	Blackod Point ...	1021.3	-14	WN	1	bc	48	75	8	-	-	-	1018.8	-14	NE	5	rr	43	92	7	-	-	-	3	*	off	bc	bc	bc	bc	
18	Malin Head ...	1019.1	-2	N	4	c/pr	49	75	7	-	-	-	1018.0	-8	N	4	c	42	65	8	-	-	-	3	*	off	bc	bc	bc	bc	
	Aldergrove ...	1019.1	-22	SW	2	c/pr	31	97	3	-	-	-	1017.0	-10	NW	2	20	35	92	6	-	-	-	3	*	off	bc	bc	bc	bc	
19	Birr Castle ...	1022.0	*	SSW	1	f	32	97	3	-	-	-	1018.9	*	SSW	1	c	39	92	7	-	-	-	3	*	off	bc	bc	bc	bc	
20	Valentia Obay. †	1023.1	-14	NW	3	c	46	75	8	-	-	-	1020.6	-12	NW	3	c/pr	45	75	8	-	-	-	3	*	off	bc	bc	bc	bc	
	Roches Point ...	1022.4	-16	NW	3	20	37	92	6	-	-	-	1015.6	-12	NW	2	c	41	92	7	-	-	-	3	*	off	bc	bc	bc	bc	

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220-1100 yds.
F, thick fog, less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.

q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r, slight rain.
rr, continuous rain.
c, less than (for cloud height). gale.
⊙ Solar halo. ☾ lunar halo. ☼ Aurora.

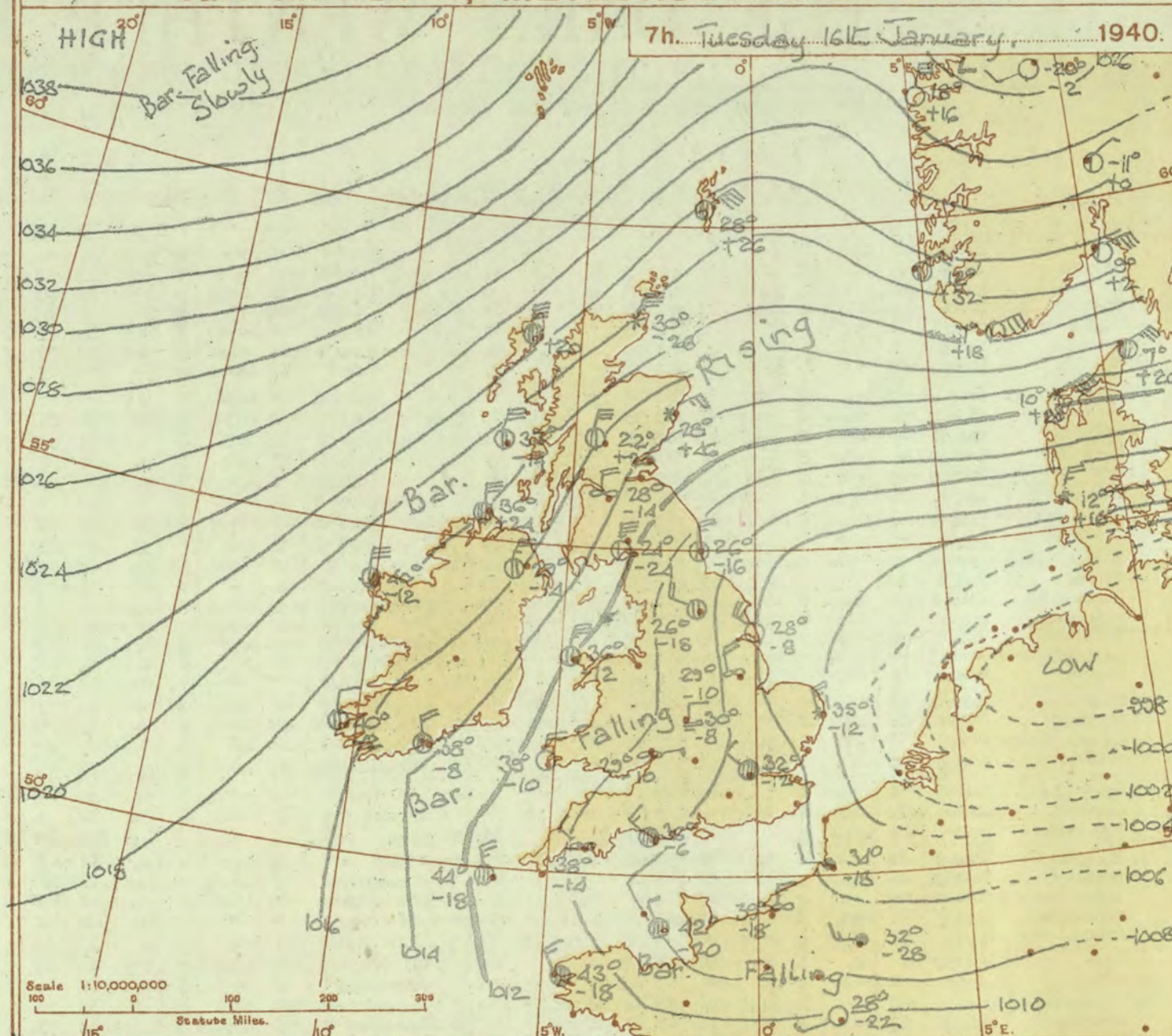
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus: -bc/r, fair weather after rain; -r, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
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.

COLUMNS 12, 13,

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th January, 1940.
1 S.E. England	Wind becoming northeast, fresh to strong and squally on the coast; mainly cloudy; occasional snow showers, especially on the coast; very cold; continuous frost.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind north to northeast, fresh; bright periods; very cold; night frost.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind northeast, strong to gale on coast, moderating by tomorrow; cloudy, with showers especially on the coast and in the hills; brighter periods inland; very cold, continuous frost.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scot. B.N.W.Scot. land.	As 7 - 11.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind north to northeast, fresh to strong on the coast; fair or fine; cold; night frost.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An intense anticyclone persists in the Greenland - Iceland area and a ridge of high pressure extends across to Scandinavia. A depression over Germany and the Southern North Sea will move south. Weather will be very cold with rather frequent snow showers in eastern districts and on the high ground in the North. In Ireland and parts of the West there will be long fine periods. Northerly gales will prevail for a time on the northern and eastern coasts.

FURTHER OUTLOOK.

A fair interval. Very cold for a time but becoming less cold but probably a considerable period of low temperatures and night frost.

Time of Issue of Gale Warnings.

Gale warning issued for districts 11, 13B, 15, 16, at 0900 15/1/40. and for districts 2, 7, 8, 10, 12, 13A, 17, 18, at 0200 16/1/40.

Forecasts issued at 1030.

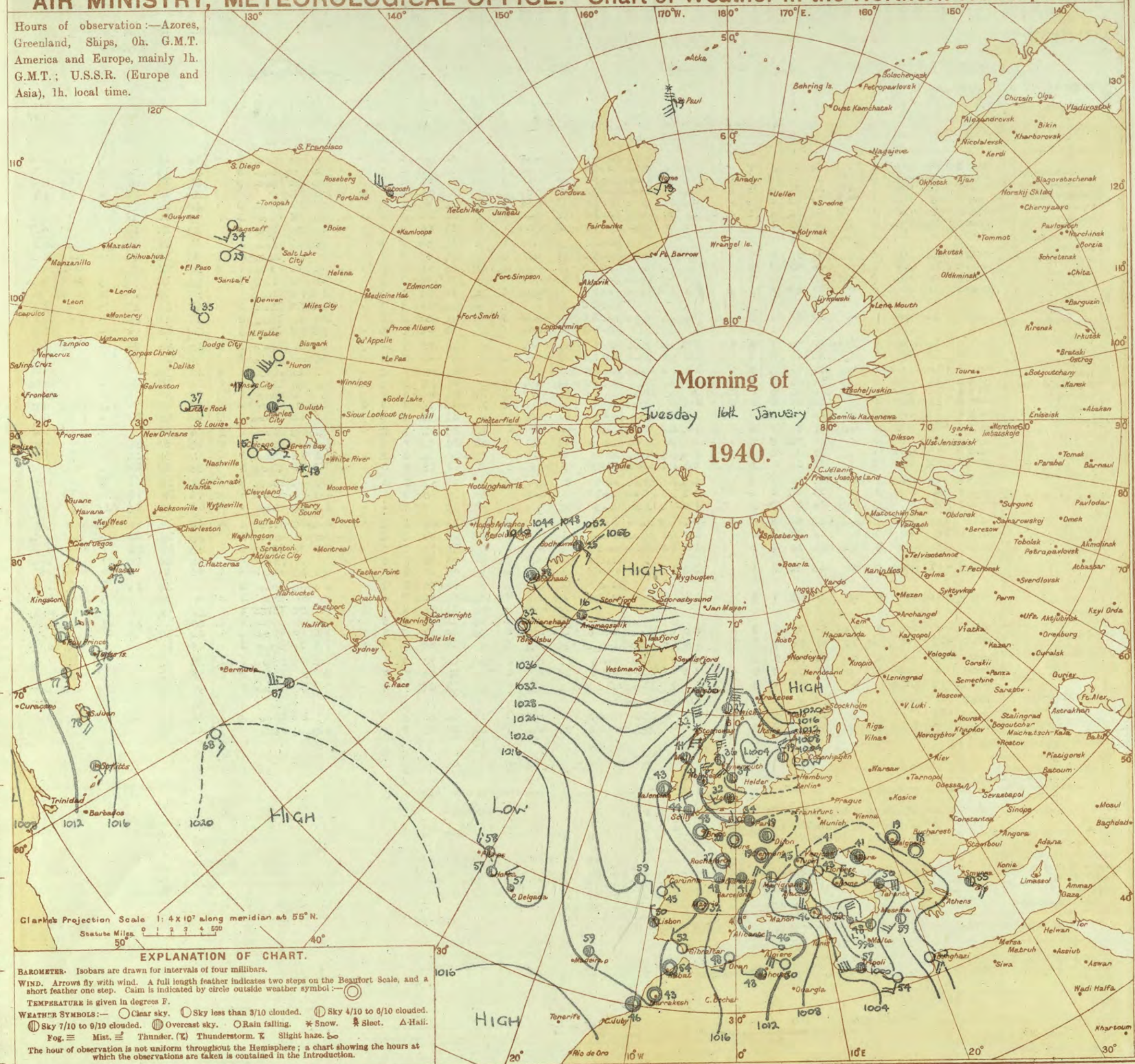
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

2474/3908 W. 8/105 D.4626 6p. 348/140

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 16th January 1940.

No. 544

OBSERVATIONS at 1 hr. G.M.T. 16th January														OBSERVATIONS at 7 hr. G.M.T. 16th January														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)	Visibility. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)	
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Low 0-10 (12)	Total 0-10 (13)			Direc. (17)	Force. (18)					Form. (23)	Amount. (24)	Height of Base. (feet) (25)	Low 0-10 (26)	Total 0-10 (27)			Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)		
																																					0-12 (5)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1006.7	-14	NNW	3	3	33	85	5	5	-	-	-	-	-	3	*	32	28	17	Tr	Tr	0.4		
	Croydon	217	1010.8	-2.6	W'S	2	m/rs	32	85	4	5	-	10	10	1500	1007.3	-12	NW	2	3 1/2	32	85	4	5	-	10	10	1500	3	*	31	28	20	Tr	Tr	1.8	
	S. Farnborough	226	1011.3	-1.8	W'S	3	df	31	92	3	5	-	10	10	4000	1007.7	-10	NNW	3	3 1/2	31	92	4	5	-	10	10	1500	3	*	31	25	18	Tr	Tr	1.4	
	Boscombe Down	417	1011.7	-2.6	NW	2	sh	30	92	4	5	-	10	10	2500	1008.3	-10	NNW	2	3 1/2	30	85	6	-	3	-	0	2-3	3	*	35	25	17	-	-	3.2	
	Calshot (Stbmtn.)	8	1011.7	-1.8	NW	1	3 1/2 f	27	92	4	5	-	4-6	4-6	1500	1007.5	-12	NW	2	3 1/2	32	92	4	5	-	9	9	5700	3	1	36	26	21	-	-	2.0	
	Lympe	346	1010.3	-2.8	NNW	3	3 1/2 f	30	92	4	5	-	3	3	4000	1006.4	-18	NNW	4	3	30	85	5	5	-	7-8	7-8	1500	3	1	30	26	21	-	-	2.0	
	Manston	154	1008.7	-2.6	WNW	3	4	33	85	2	-	-	10	10	1500	1004.5	-18	NNW	4	3	32	85	4	5	-	9	9	800	3	1	33	28	25	-	-	4.7	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1026.4	-16	NNW	2	c	32	85	6	5	-	-	10	10	1500	3	*	32	29	24	-	-	0.9		
	Felixstowe	15	1006.8	-3.0	W	3	m	34	97	4	5	-	10	10	450	1003.6	-18	NW	3	ps	32	97	5	5	-	9	9	1500	4	2	33	25	22	-	-	0.0	
	Gorleston	5	1007.6	-2.0	W/N	3	m	34	85	4	5	-	10	10	1500	1004.3	-12	NNW	8	ps	32	92	6	5	-	10	10	1500	4	2	36	32	30	-	-	0.2	
	Mildenhall	19	1008.8	-1.8	NW	3	c/d	33	97	6	5	-	7-8	7-8	4000	1006.2	-20	NNW	4	c	31	92	7	5	-	10	10	1500	5	*	33	28	27	Tr	0.2		
	Cranwell	240	1010.0	-1.2	NW	3	m	32	85	4	5	-	2-3	2-3	4000	1007.6	-10	NNW	4	2	29	85	6	5	-	4-6	4-6	2500	1	*	35	25	25	Tr	0.4		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1008.6	-8	N	2	3	30	85	4	5	-	-	7-8	7-8	2500	3	*	37	30	27	-	-	2.3		
	Upper Heyford	408	1011.0	-2.0	WNW	3	m	34	85	4	5	-	10	10	1500	1008.7	-10	NNW	3	3	31	85	5	5	-	3	3	2500	3	*	34	25	13	-	-	*	
4	Ross-on-Wye	223	1011.0	-2.0	WNW	3	m	34	85	4	5	-	10	10	1500	1009.6	-10	ENE	1	3	29	92	6	5	-	7-8	7-8	2500	3	*	34	26	13	-	-	5.2	
5	Hartland Point	299	1012.3	-2.0	WNW	2	c/r/h	41	92	7	8	2	7-8	10	1500	1005.2	-16	NNE	3	c	41	85	8	4	2	4-6	9	2500	0	2	43	40	38	-	-	5.3	
	Bristol	209	1011.3	-2.6	W	1	2	33	97	5	5	-	10	10	2500	1008.9	-18	-	0	31	85	6	5	7	-	7-8	10	2500	3	*	34	24	13	-	-	0.3	
	Portland Bill	32	1011.6	-2.0	NNW	3	bc	33	92	7	5	-	2-3	2-3	4000	1008.9	-8	NW	3	c	36	92	7	5	-	10	10	4000	1	3	42	34	-	-	*		
	Plymouth	82	1013.3	-2.2	NNE	1	2	35	92	5	5	-	3	3	5700	1003.6	-14	NW	2	3 1/2	36	85	6	5	-	10	10	2500	0	1	44	35	30	-	-	6.4	
	The Lizard	240	1013.6	-2.4	NW	3	bc	40	85	6	8	2	4-6	9	1500	1012.4	-20	NW	3	3 1/2	40	97	6	8	2	9	10	1500	1	7	47	37	-	-	6.4		
	Scilly (St. Mary's)	163	1015.0	-2.2	NNW	4	bc	44	85	8	8	-	4-6	9	1500	1011.2	-18	NW	3	3 1/2	44	75	7	6	2	4-6	9	1500	0	2	46	42	-	-	4.6		
	Guernsey	175	1012.4	-2.0	NNW	2	bc	40	75	6	1	-	Tr	Tr	2500	1007.6	-20	NNW	1	c	42	85	6	6	-	10	10	2500	3	2	45	36	23	-	-	5.9	
6	Pembroke	142	1012.6	-1.6	N'E	4	bc	41	97	7	8	-	4-6	4-6	1500	1010.1	-10	N	4	bc	39	92	7	8	-	4-6	4-6	1500	1	2	44	38	-	-	5.4		
7	Holyhead	26	1012.4	-1.8	N	4	c	41	75	8	5	-	3	3	2500	1011.3	+12	N'E	7	bc	36	65	7	5	-	4-6	4-6	1500	1	4	45	35	32	-	-	1.3	
8	Chester (Sealand)	16	1012.1	-1.4	NNW	1	3	32	92	6	5	-	4-6	4-6	4000	1011.1	0	N	3	3	31	75	6	5	-	7-8	7-8	2500	3	*	41	31	26	-	-	3.8	
	Manchester	70	1011.7	-1.0	NNW	2	3	33	65	6	5	3	2-3	2-3	2500	1010.4	-6	NNW	3	3	27	65	7	5	-	Tr	Tr	2500	3	*	38	27	20	-	-	0.0	
10	Spurn Head	29	1007.5	-1.6	NNW	5	bc	34	85	6	5	-	4-6	4-6	5700	1005.7	-8	NW	5	bc	29	92	6	5	-	4-6	4-6	2500	8	3	38	29	-	-	3.9		
	Catterick	175	1010.6	-1.0	NW	3	3	34	85	6	5	4	2-3	2-3	2500	1008.7	-18	NNW	4	bc	26	75	7	3	-	4-6	4-6	2500	4	*	43	28	19	0.5	Tr	0.2	
	Tynemouth	108	1010.2	-1.8	N	6	bc/ps	36	85	7	5	-	4-6	4-6	1500	1009.1	-16	N	5	bc/ps	26	97	7	2	-	4-6	4-6	1500	4	4	37	26	23	0.5	2	*	
11	St. Abbs Head	280	1011.1	-1.0	N	7	bcq	32	85	8	3	-	4-6	4-6	2500	1007.2	-22	N	8	bc/ps	30	85	8	3	-	4-6	4-6	1500	4	4	43	27	-	-	0.5	0.0	
	Leuchars	36	1014.7	+6	N	3	bc	30	75	8	4	-	2-3	2-3	4000	1013.4	+2	N	5	ps	27	97	3	8	-	10	10	1500	8	*	39	28	21	0.6	0.5	0.0	
	Renfrew (Abbots L.)	19	1015.7	+8	NNE	2	bc	32	75	6	5	-	2-3	2-3	2500	1013.3	-6	N	4	3	28	75	6	5	-	Tr	Tr	2500	3	*	43	27	22	1	-	0.0	
	Eskdalemuir	794	1015.7	+8	NNE	2	bc	32	75	6	5	-	2-3	2-3	2500	1013.3	-6	N	4	3	28	75	6	5	-	Tr	Tr	2500	3	*	43	27	22	1	-	0.0	
	Point of Ayre	30	1012.8	-1.2	NNE	5	bc	40	85	8	5	-	2-3	2-3	4000	1013.7	-2	NNE	6	bc	31	97	8	8	-	2-3	2-3	4000	0	4	45	31	-	-	1.5		
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1026.3	+14	NNE	8	bc	33	75	8	2	-	-	4-6	4-6	2500	0	5	44	33	31	Tr	-	0.4		
13B	Stornoway	80	1022.6	+2.0	N	8	ps	32	85	7	8	-	7-8	7-8	1500	1027.4	+20	N	8	c/ps	32	85	7	8	-	8	8	1500	4	4	41	30	-	-	1.9		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1015.9	+46	NNE	6	bc	22	92	7	4	G	-	-	1	2-3	2500	8	*	34	18	14	0.5	1	0.3	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1019.8	+28	NNE																					

THE DAILY WEATHER REPORT

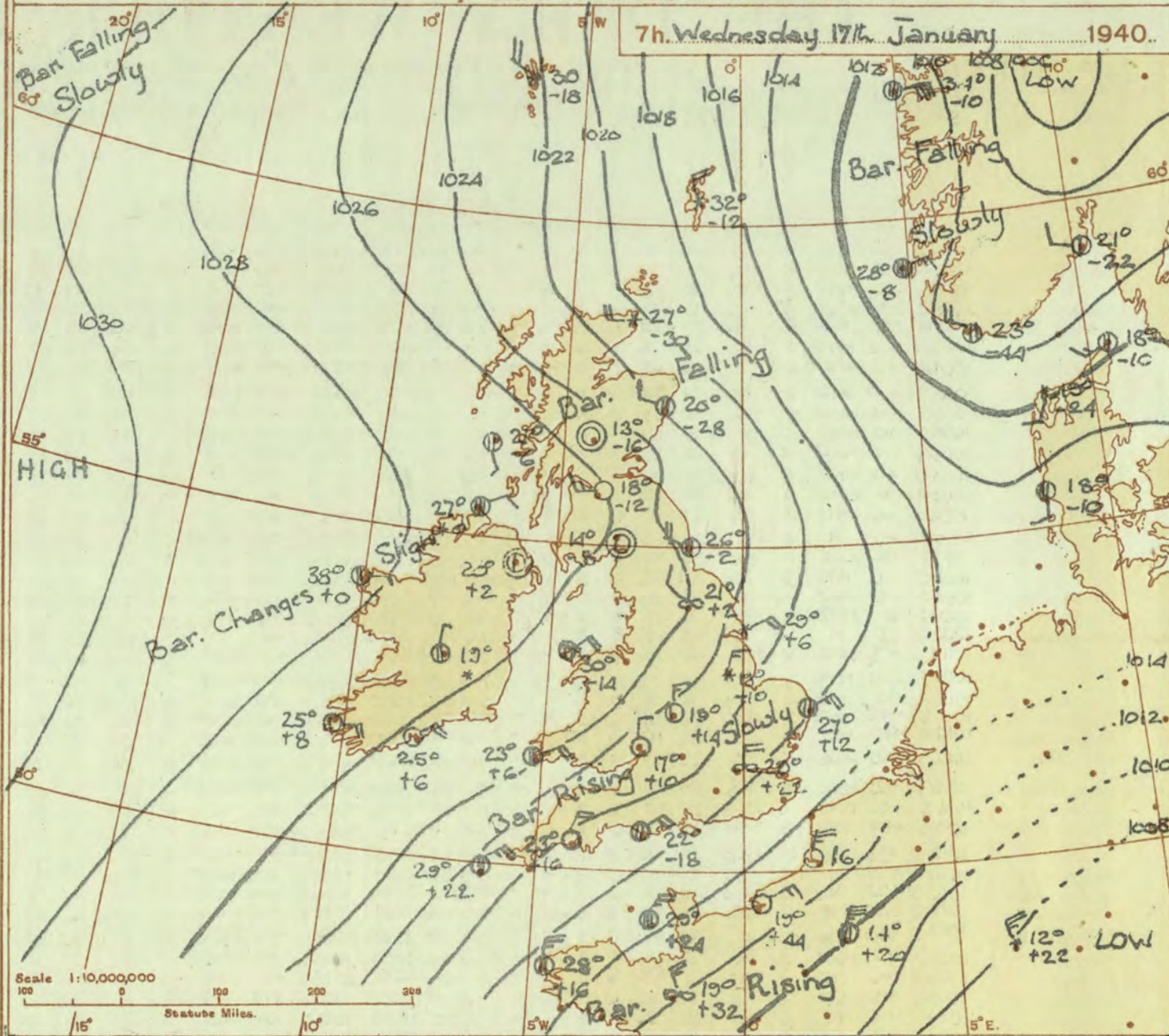
OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Wednesday 17th January 1940.
 No. 28545.

OBSERVATIONS at 13h. G.M.T. 16th January														OBSERVATIONS at 18h. G.M.T. 16th January														PAST 24 HOURS.						
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud. (9) (10) (11)			Height of Base. (feet) (14)	Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud. (23) (24) (25)			Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.						
				Form.	Amount.					Height of Base. (feet) (14)	Form.	Amount.				Height of Base (feet) (28)	7h.-13h. 16th (37)					13h.-18h. 16th (38)	18h.-to 17h. (39)	1h.-7h. 17th (40)										
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Soton.) ... Lympne ... Manston ...	1006.6 1007.0 1007.3 1008.2 1007.4 1005.9 1004.4	-10 -6 -6 -6 -6 -2 -4	NW NW NW NW NW NW NW	4 4 3 4 4 4 4	z z z z z bc c	31 31 30 29 33 29 30	85 75 65 65 75 75 85	6 5 6 6 5 7 7	5 - - - - 5 -	- - - - - 7 -	- - - - - 3 3	12 1 2-3 7-8 7-8 2-3 3	4000 2500 2500 2500 2500 1500 800	1011.0 1010.1 1010.6 1011.2 1009.2 1007.7 1007.1	+34 +30 +12 +26 +14 +16 +28	NEN NE NNE NNE NNE NNE NEE	4 4 4 5 5 4 6	z z z z z 18 ps. h.	27 26 27 25 29 26 26	65 65 85 85 75 92 57	5 5 6 6 6 5 4	- - - - - 1 -	- - - - - 1 -	23 23 23 4-6 4-6 9+	23 23 23 4-6 4-6 9+	1500 1500 1500 1500 1500 1500 220	8 8 4 3 3 8 8	*	cis. b. z. x cm. z. b. z. x cm. b. c. m. bcm. b. c. m. bcm. x. c. m. bcm. x. c. o. s. s. c.	is. s. s. b. x bcc. z. f. s. s. bcm. b. c. m. bcm. b. c. m. bcm. b. c. m. bcm. b. c. m. bcm. b. c. m.	b. z. x b. z. x b. c. m. b. c. m. b. c. m. b. c. m. b. c. m.	b. z. x b. c. m. b. c. m. b. c. m. b. c. m. b. c. m. b. c. m.	
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1006.7 1003.5 1005.6 1006.4 1003.0	-4 -4 +0 -4 +12	NNW NNW NW NNW ENE	3 4 6 4 6	bc ps. sf is s. s. s.	31 32 29 29 27	92 75 92 92 97	7 7 2 3 4	5 - - 5 -	- - - - -	- - - - -	4-6 9 10 10 10	4-6 9 1500 1500 450	1009.1 1007.7 1009.8 1011.6 1014.6	-28 +30 +20 +38 +26	NNE NNE NEN NNE E	5 4 6 4 4	bc bc ps. ps. q. bc	26 25 28 24 23	75 75 75 97 92	5 7 8 3 7	5 8 5 3 8	- - - - -	- - - - -	4-6 4-6 3+	4-6 4-6 3+	1500 1500 1500 1500 2500	8 4 4 8 8	*	cm. ps. cps. m. o. s. s. h. s. f. bcm. b. c. s. s. s. q. m.	q. s. t. b. c. cps. m. o. s. s. p. s. c. bcm. b. c. s. s. s. p. s. q. b.	b. c. p. s. b. h. o. b. c. s. c. p. s. h. b. c. p. s. b. c. p. s.	b. c. p. s. b. c. p. s. b. c. p. s. b. c. p. s. b. c. p. s.
3	Birmingham ... Upper Heyford ...	1009.4 1008.6	0 -6	NNW NW	4 5	z z	29 29	85 65	5 6	5 8	5 4	- -	0-2-3 7-8	1500 1500	1015.9 1013.7	+16 +24	NNE NE	4 4	bc bc	24 23	85 65	6 8	4 6	- -	4-6 1-2-3	4-6 4-6	1500 4000	8 4	*	c. b. b. c. cm. b. c. m.	ps. b. c. c. s. s. s. b. c.	b. c. b. b. c. b.	b. c. b. b. c. b.	
4	Ross-on-Wye ...	1009.9	-6	N	4	b	31	65	8	7	-	-	1	2500	1014.3	+30	NEN	4	c	26	65	6	5	-	-	9	9	2500	3	*	c. o. s. b. c. o. s. q. c.	c. o. s. q. c. c. o. s. q. c.	a. b. b. a. b. b.	b. b.
5	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	1010.2 1009.5 1008.0 1009.5 1005.7 1011.1 1006.7	+4 -6 -6 0 -6 -2 -10	NNE NNE NNE NNE N NNE NNE	5 3 3 4 6 6 1	bc z c ps. bc p c	34 29 32 33 38 40 40	75 65 92 85 85 75 75	8 6 5 6 8 7 7	8 5 5 8 8 8 7	6 - - - 6 - -	- - - - 6 - -	4-6 4-6 4-6 10 4-6 7-8 7-8	4-6 4-6 4000 1500 2500 1500 2500	1011.4 1013.3 1013.3 1011.5 1011.6 1011.7 1008.0	+10 +24 +8 +4 +4 +2 +20	NNE NE NE NE N NW NNE	5 4 4 4 3 6 1	c z c z bc c c	33 27 30 31 33 37 32	85 65 92 65 75 65 65	7 6 8 6 8 8 7	8 3 4 2 8 8 -	- - - - - - -	7-8 4-6 4-6 1 4-6 4-6 3+	7-8 4-6 4-6 1 4-6 4-6 3+	2500 2500 4000 2500 2500 1500 1500	3 1 3 8 1 4 2	4	pr. s. s. c. cm. f. s. m. c. c. p. s. p. s. m. c. p. h. b. c. c. p. z. i. R. b. c.	b. c. c. b. c. m. p. s. c. c. c. p. s. m. p. s. b. m. b. c. b. c. p. h. r. p. s. r. o. s. s.	c. y. c. y. b. c. b. e. b. m. b. m. b. e. x. c. i. s. c. i. s.	c. b. m. x. b. c. b. e. b. b. e. x. c. p. s. q. c. i. s.	
6	Pembroke ...	1012.2	+2	NNE	4	bc	34	85	7	8	-	-	4-6	1500	1015.4	+32	ENE	5	q. b. c.	30	92	7	8	-	-	4-6	4-6	1500	1	2	c. p. s. q. p. s. b. c. b. c. c. p. h.	c. p. s. q. c. p. s. d.	b. e. q. c. p. s. m. y. c.	b. c. b. c. y. b. e. m.
7	Holyhead ...	1011.6	-14	NNE	8	ph. b.	26	65	6	8	-	-	9+	1500	1018.0	+30	ENE	7	ps.	29	85	6	8	-	-	10	10	1500	4	5	b. c. c. p. h. cm. b. c. m.	c. p. s. d. p. s. c. m. p. s. b. m.	c. p. s. m. y. c. b. m. x.	c. y. b. e. m. b. m. x.
8	Chester (Sealand) ... Manchester ...	1012.1 1012.3	+10 +22	NNE NEE	4 5	ps. ps.	32 28	92 97	2 4	8 8	- -	- -	10 10	1500 2500	1019.3 1017.7	+42 +30	NE NNE	3 4	ps. ps.	27 25	85 75	5 4	8 -	- -	9+	9+	1500 2500	4 8	*	cm. b. c. m. b. c. m. p. s.	p. s. c. m. p. s. b. m. c. m. p. s. b. m. p. s. b. m.	b. m. x. b. m. x.	b. m. x. b. m. x.	
10	Spurn Head ... Catterick ... Tynemouth ...	1005.7 1014.7 1015.3	+22 +56 +34	NEE ENE NE	6 5 6	s. ps. ps.	29 25 29	92 85 85	6 6 6	5 5 -	- - -	- - -	3+ 3 7-8	800 2500 1500	1014.1 1019.2 1020.3	+12 +20 +20	NEN NE NE	6 4 8	ps. ps. ps.	24 23 27	97 92 92	5 6 6	5 - -	- - -	9+ 3 7-8	9+ 3 7-8	800 1500 2500	8 8 8	5 4 3	q. p. s. p. s. c. m. b. e. c. q. p. f.	q. p. s. c. p. s. m. c. p. s.	q. p. s. p. s. e. m. c. p. s.	q. p. s. p. s. e. m. c. p. s.	
11	St. Abbs Head ... Leuchars ...	1019.2 1020.8	+34 +22	NNE N	6 2	bc. q. s. s. s.	29 26	92 97	8 7	8 8	6 -	- -	4-6 3+	1500 1500	1021.8 1024.7	+8 +22	NE NNE	5 2	ph. b. s. s. s.	27 25	65 92	7 4	8 8	2 -	- -	7-8 10	9+ 10	1500 1500	4 8	4	i. s. b. c. q. c. f. s. s. s.	p. s. h. c. q. s. s. s. s. s.	c. b. e. s. e. p. o. v. e. x.	b. c. c. v. b. x.
12	Renfrew (Abbots L.) ... Eskdalemuir ... Point of Ayre ...	1021.3 1018.2 1017.3	+22 +40 +40	NE NE EN	5 5 7	ps. s. s. s. c	30 26 33	65 85 92	9 8 8	8 6 -	- - -	- - -	4-6 4-6 7-8	2500 1500 2500	1024.5 1022.5 1021.5	+24 +20 +12	NNE NEN EN	3 4 6	b. s. s. s. c	27 22 30	92 85 75	5 7 8	5 6 -	- - -	7 9 9+	7 9 9+	4000 1500 2500	3 8 3	*	b. x. b. c. v. s. b. c. k. s. s. s. b. c. p. h. e.	b. x. p. s. b. b. b. c. s. s. s. b. c. c.	b. e. x. s. s. l. a. x. c. l. o. b. c.	b. e. x. h. c. b. e.	
13A	Tiree ...	1023.9	+8	NNE	5	bc	34	65	8	2	-	-	4-6	4000	1025.6	+4	NE	4	bc	32	75	8	2	4	-	2-3	4-6	4000	0	4	b. c.	b. c.	b. e. b.	b. e. b.
13B	Stornoway ...	1027.3	+6	NE	7	ps.	31	85	6	5	-	-	3	1500	1028.5	+8	NE	4	c	31	85	7	5	-	-	3	3	1500	4	2	c. p. s.	c. i. s.	c. b. e.	c. b. e.
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	1023.4 1022.1 1024.6 1026.8	+18 +18 +14 +18	NE NE NNE EN	4 5 6 6	is c c. q. c	23 28 30 28	92 75 85 85	6 8 7 8	8 9 7 8	6 - - 7	- - - -	7-8 7-8 4-6 7-8	2500 1500 1500 800	1025.3 1026.0 1027.0 1028.2	+18 +20 +12 -2	NE NNE NE SE	3 6 6 3	c pr c. q. bc	20 27 30 27	97 55 97 85	7 6 9 5	8 9 5 3	6 - 7 -	- - 7-8 4-6	9+ 3 9+ 4-6	2500 1500 1500 1500	9 4 4 4	*	c. i. s. c. i. s. P. H. p. s. c. p. s.	c. i. s. c. i. s. q. p. s. h. c. b. c.	b. b. c. z. c. q. b. c. b. e. e. p.	b. b. c. z. b. e. z. c. p. s.	
17	Blacksd Point ...	1021.8	+12	NNE	6	c	37	75	8	8	-	-	10	800	1023.8	+12	ENE	4	c. q.	35	85	8	5	-	-	9+	10	2500	1	4	i. s. q.	c. q.	b. c.	b. c.
18	Malin Head ... Aldergrove ...	1022.3 1019.5	+16 +4	NNE NEN	6 5	c s. p. s.	34 32	85 65	8 8	8 -	6 -	- -	4-6 9	5700 2500	1024.5 1022.9	+16 +18	NNE ENE	5 4	bc c	33 30	75 75	8 8	8 -	4 -	4-6 9	4-6 9	5700 2500	3 3	*	c. v. c. b. b. c. p. s.	c. b. c. c. y. p. s. o. c.	c. c. p. s. b. x.	c. c. e. b. e. x.	
19	Birr Castle ...	1018.8	*	NNE	2	b	33	75	8	-	-	-	0	-	1021.3	*	N	2	b	28	92	8	-	-	0	0	-	3	*	b. c. b.	b. c. b.	b. e. v. b. b. x.	b. e. v. b. b. x.	
20	Valentia Obsy. † Roehampton Point ...	1019.8 1017.5	+12 +6	NE NNE	6 5	b bc	36 35	45 65	9 9	1 2	- -	- -	11 2-3	2500 2500	1021.8 1019.5	+18 +18	NEN NNE	3 5	bc bc	32 31	55 85	9 5	- -	- -	2-3 2-3	2-3 2-3	4000 2500	0 1	3	s. bc	b. e. v. b. b. x. b. e. v. b. b. x.	b. e. v. b. b. x. b. e. v. b. b. x.	b. e. v. b. b. x. b. e. v. b. b. x.	

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 17th January 1940



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T., 17th January, 1940.
1 S.E. England	
2 E. England ...	Wind becoming north to northwest, moderate; mainly fair today apart
3 E. Midlands ...	from scattered snow showers especially on East coast; some more general
4 W. Midlands ...	snow fall tonight; becoming somewhat less cold but frost continuing.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind moderate west to northwest, veering northwest to north; a
8 N.W. England	period of snow later today followed by occasional snow showers; becoming
9 N. Midlands ...	somewhat less cold but frost continuing.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotl- B.N.W.Scot- land.	Wind moderate northwest; snow showers; becoming somewhat less cold
14 Mid Scotland	but frost continuing.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7 - 12,
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	As 13 - 16.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~ Rough. ~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is very high over Greenland and relatively low over Scandinavia and the Baltic. A wedge of high pressure from North Ireland to North England and a trough of low pressure from South Norway to North Scotland are moving south. Over the southern half of the country weather will be fair today apart from scattered snow showers more especially in the East. A belt of rather more general snow will cross Northern districts today and reach the southern half of the country during tonight. It will be followed by less cold conditions than of ~~the last outbreak~~ **the next outbreak** will still be night frosts.

Continuing cold with occasional snow.

Forecasts issued at 1030.

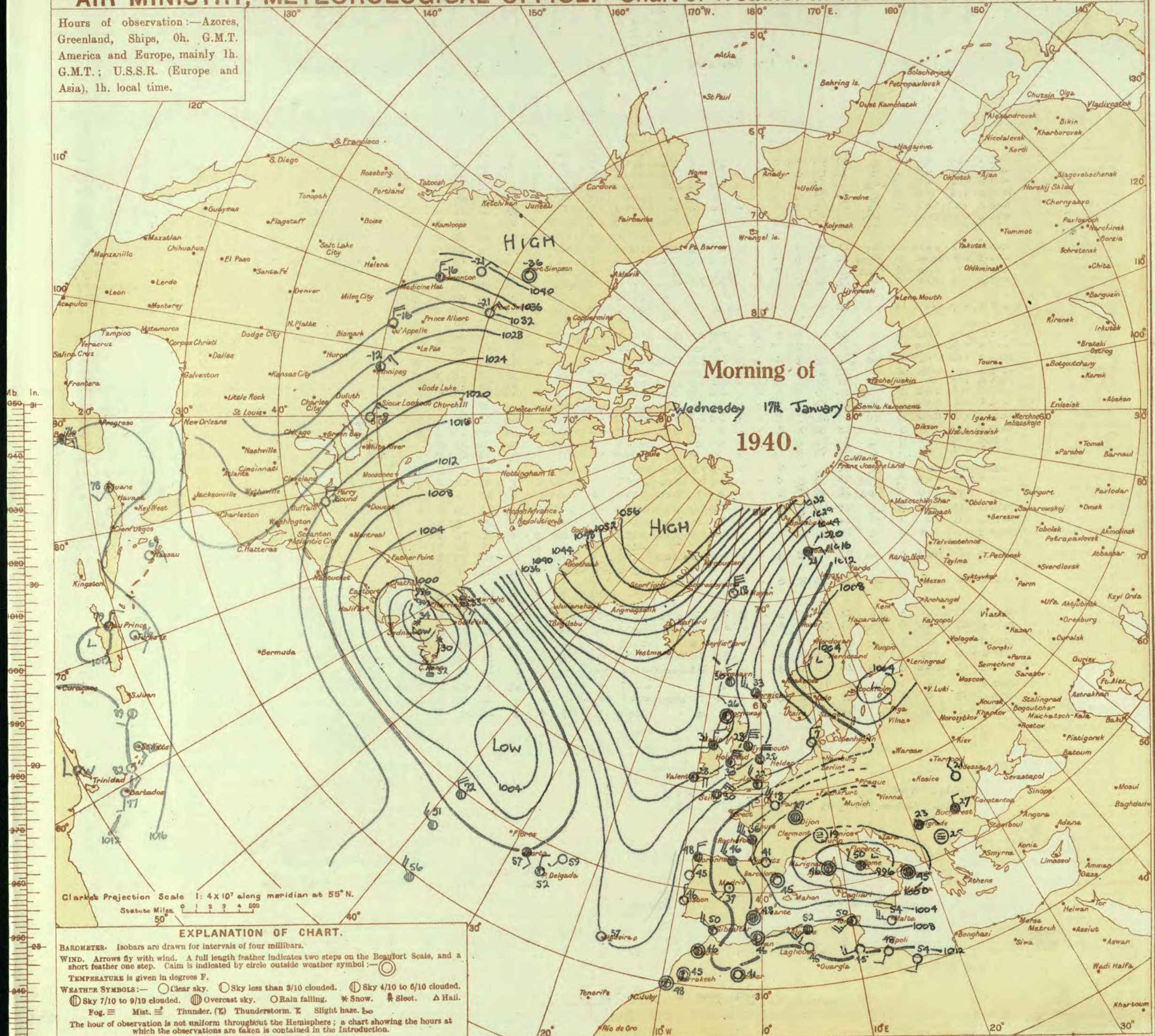
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

H. M. S. O. Press, Cornwall House, S.E.

6.474/3808. Wt. 6109. D4626. 6p 348. 1/4

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

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

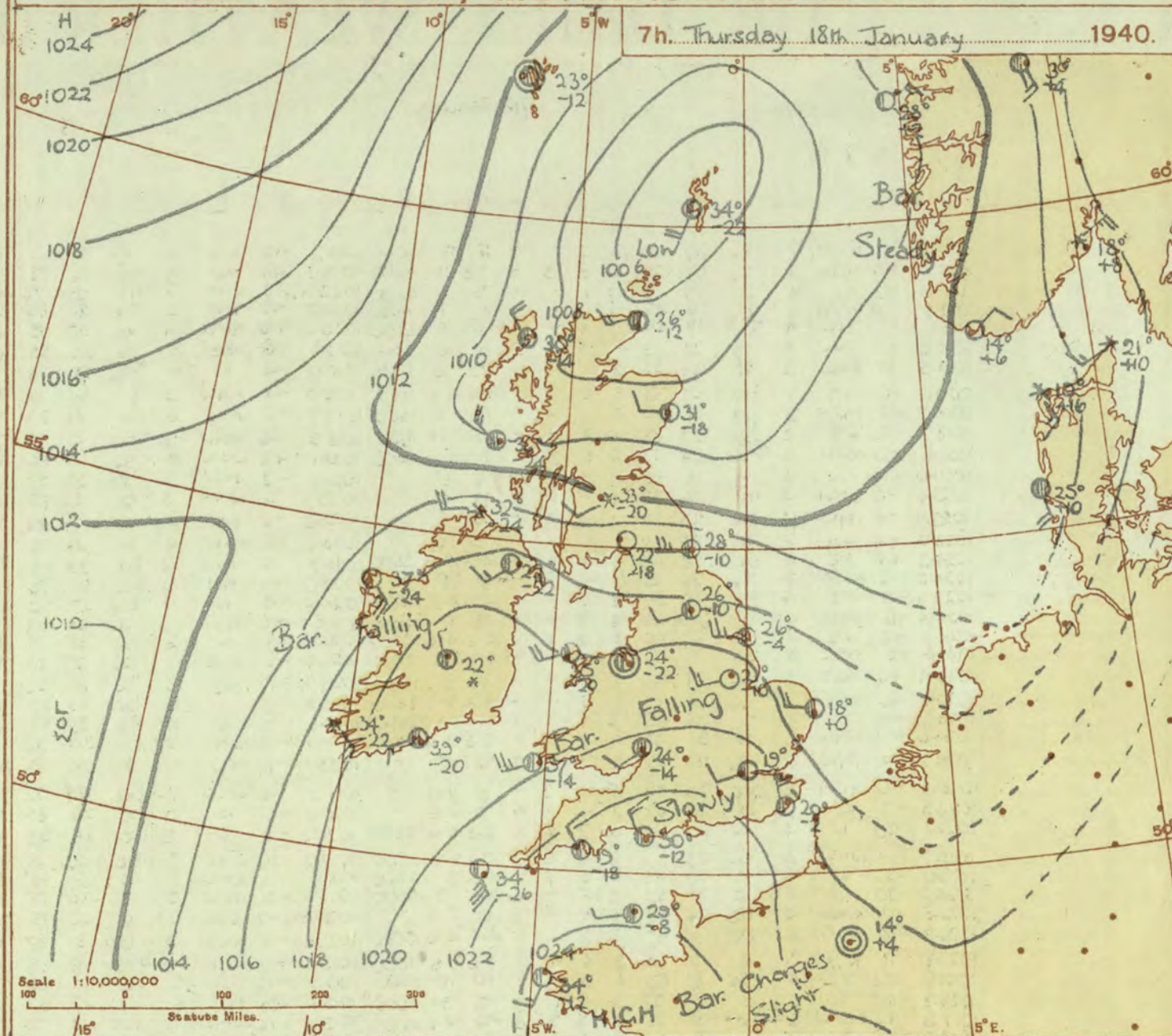
Wednesday 17th January 1940.

No. 28,545

OBSERVATIONS at 1 hr. G.M.T. 17th January														OBSERVATIONS at 7 hr. G.M.T. 17th January														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. %	Visiblity.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.	
					Direc.	Force.					Low.	Med.	High.	Low.	Med.			High.	Low.					Med.	High.	Low.	Med.	High.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.				
																																		Form.	Amount.		Height of Base (feet).
1	London (Kew) ... 18	1015.4	+24	*	N	2	b	22	85	5	2-3	2-3	2500	1019.4	+22	NNE	3	b	20	75	6	5	-	-	-	-	-	1500	8	34	20	15	0.3	-	3.4		
	Croydon ... 217	1015.2	+24	*	N	2	b	22	85	5	2-3	2-3	1500	1019.4	+22	NNE	3	b	20	75	6	5	-	-	-	-	-	1500	4	33	19	10	0.2	-	2.8		
	S. Farnborough ... 226	1017.0	+14	*	N	2	b	20	85	7	2-3	2-3	2500	1020.6	+16	NNE	3	b	18	85	7	7	-	-	-	-	-	0	3	32	18	14	1	-	2.8		
	Boscombe Down ... 417	1018.0	+16	*	N	2	b	24	75	5	0	0	0	1018.7	+18	NNE	4	b	21	85	7	7	-	-	-	-	-	0	3	30	17	13	1	-	0.8		
	Calshot (St. Mary's) ... 8	1018.5	+22	*	N	2	b	22	92	5	0	0	0	1017.3	+20	NNE	2	b	21	92	4	5	-	-	-	-	-	10	3	33	21	18	1	-	2.1		
	Lymington ... 346	1018.8	+26	*	N	2	b	23	92	0	0	0	0	1017.3	+20	NNE	2	b	21	92	4	5	-	-	-	-	-	10	3	32	20	1	0.3	-	*		
	Manston ... 154	1018.8	+26	*	N	2	b	23	92	0	0	0	0	1018.8	+18	NNE	2	b	22	97	2	8	-	-	-	-	-	9	3	32	21	21	0.3	8	0.3		
2	Shoeburyness ... 11	1013.1	+22	*	N	2	b	23	75	7	2-3	2-3	1500	1018.0	+12	NNE	5	b	25	65	7	8	-	-	-	-	-	4-6	4-6	1500	7	38	21	15	*	1.7	
	Felixstowe ... 15	1014.8	+18	*	N	2	b	25	75	8	4-6	4-6	2500	1018.0	+12	NNE	5	b	25	65	7	8	-	-	-	-	-	4-6	4-6	1500	7	38	22	21	2	0.5	*
	Gorleston ... 5	1014.7	+20	*	N	2	b	21	85	7	0	0	0	1020.1	+14	NNE	3	b	17	85	7	4	-	-	-	-	-	7-8	7-8	2500	8	31	11	1	*	0.0	
	Mildenhall ... 19	1018.8	+22	*	N	2	b	22	92	6	2-3	2-3	4000	1021.7	+10	NNE	3	b	18	97	6	8	-	-	-	-	-	7-8	7-8	2500	8	(32)	19	11	0.6	0.6	1.9
	Cranwell ... 240	1018.8	+22	*	N	2	b	22	92	6	2-3	2-3	4000	1021.7	+10	NNE	3	b	18	97	6	8	-	-	-	-	-	7-8	7-8	2500	8	(32)	19	11	0.6	0.6	1.9
3	Birmingham ... 535	1018.4	+18	*	N	2	b	19	85	7	0	0	0	1022.6	+14	NNE	3	b	19	85	6	5	-	-	-	-	-	7-8	7-8	2500	8	30	18	13	0.4	-	3.2
	Upper Heyford ... 408	1018.4	+18	*	N	2	b	19	85	7	0	0	0	1022.6	+14	NNE	3	b	19	85	6	5	-	-	-	-	-	7-8	7-8	2500	8	30	18	13	0.4	-	3.2
4	Ross-on-Wye ... 223	1018.4	+18	*	N	2	b	19	85	7	0	0	0	1022.6	+14	NNE	3	b	19	85	6	5	-	-	-	-	-	7-8	7-8	2500	8	30	18	13	0.4	-	3.2
5	Hartland Point ... 299	1018.1	+14	*	N	2	b	20	75	6	0	0	0	1021.4	+10	NNE	3	b	20	85	6	8	-	-	-	-	-	7-8	7-8	1500	3	41	20	24	1	-	3.3
	Bristol ... 209	1019.2	+20	*	N	2	b	21	75	6	0	0	0	1022.8	+18	NNE	3	b	22	85	6	8	-	-	-	-	-	7-8	7-8	1500	3	41	20	24	1	-	3.3
	Portland Bill ... 32	1015.4	+10	*	N	2	b	23	92	8	2-3	2-3	4000	1019.5	-18	NNE	4	b	22	92	8	5	-	-	-	-	-	4-6	4-6	4000	1	41	21	*	-	-	*
	Plymouth ... 82	1018.0	+10	*	N	2	b	25	65	7	0	0	0	1021.0	+10	NNE	4	b	23	65	7	7	-	-	-	-	-	0	0	0	3	38	23	20	2	-	3.3
	The Lizard ... 240	1018.0	+10	*	N	2	b	27	65	7	0	0	0	1021.0	+10	NNE	4	b	23	65	7	7	-	-	-	-	-	0	0	0	3	38	23	20	2	-	3.3
	Scilly (St. Mary's) ... 163	1017.2	+18	*	N	2	b	30	75	7	4-6	4-6	2500	1021.2	+22	NNE	5	b	24	65	7	8	-	-	-	-	-	2-3	2-3	1500	3	42	23	*	0.3	0.2	1.8
	Guernsey ... 175	1012.8	+16	*	N	2	b	30	85	6	9	9	1500	1019.8	+24	NNE	5	b	29	85	6	8	-	-	-	-	-	9	9	800	4	42	27	25	4	0.1	1.4
6	Pembroke ... 142	1020.3	+10	*	N	2	b	28	92	7	2-3	2-3	1500	1024.2	+6	NNE	4	b	23	85	7	5	-	-	-	-	-	2-3	2-3	1500	3	40	22	*	-	-	3.0
7	Holyhead ... 26	1023.3	+18	*	N	2	b	30	55	7	0	0	0	1024.7	+14	NNE	4	b	30	55	7	5	-	-	-	-	-	4-6	4-6	2500	1	4	*	20	-	-	*
	Chester (Sealand) ... 16	1022.9	+18	*	N	2	b	21	92	5	0	0	0	1024.8	+8	NNE	4	b	20	92	5	5	-	-	-	-	-	0	0	0	8	33	17	14	-	-	3.1
8	Manchester ... 70	1022.3	+14	*	N	2	b	20	85	6	0	0	0	1024.3	+6	NNE	4	b	16	85	5	5	-	-	-	-	-	1	1	2500	8	31	13	10	-	-	3.1
10	Spurn Head ... 29	1018.6	+12	*	N	2	b	23	92	7	7-8	7-8	800	1020.3	+6	NNE	4	b	23	97	6	8	-	-	-	-	-	9	9	800	8	30	24	*	1	0.6	0.2
	Catterick ... 175	1022.8	+14	*	N	2	b	25	75	5	0	0	0	1024.2	+2	NNE	4	b	21	85	6	8	-	-	-	-	-	2-3	2-3	1500	8	37	21	22	2	1.5	0.6
	Tynemouth ... 108	1023.3	+10	*	N	2	b	28	92	6	9	9	1500	1023.3	-2	NNE	4	b	26	85	6	2	-	-	-	-	-	4-6	4-6	2500	8	31	23	22	2	0.4	*
11	St. Abbs Head ... 280	1025.0	+12	*	N	2	b	29	75	8	4-6	4-6	1500	1023.3	-12	N	4	b	25	85	8	4	-	-	-	-	-	2-3	2-3	2500	8	34	(25)	*	1	-	*
	Leuchars ... 36	1027.0	+6	*	N	2	b	24	75	8	9	9	2500	1024.7	-18	N	3	b	19	75	8	4	-	-	-	-	-	0	0	0	8	25	17	11	*	0.4	0.0
12	Renfrew (Abbots L.) ... 19	1027.6	+6	*	N	2	b	26	65	8	4-6	4-6	4000	1026.8	-12	WSW	3	b	18	75	8	5	-	-	-	-	-	0	0	0	3	31	17	14	-	-	3.0
	Eskdalemuir ... 794	1025.0	+8	*	N	2	b	27	97	8	2-3	2-3	2500	1025.8	-8	N	3	b	14	85	8	4	-	-	-	-	-	0	0	0	8	25	13	5	1	0.2	3.2
	Point of Ayre ... 30	1025.0	+8	*	N	2	b	27	97	8	2-3	2-3	2500	1025.8	-8	N	3	b	14	85	8	4	-	-	-	-	-	0	0	0	3	35	27	*	-	-	3.0
13A	Tiree ... 22	1028.0	-6	*	N	2	b	26	85	8	4-6	4-6	4000	1027.0	-8	SSW	1	b	21	*	8	5	4	-	-	-	-	1	2-3	4000	3	35	20	11	-	-	2.3
13B	Stornoway ... 80	1028.0	-6	*	N	2	b	26	85	8	4-6	4-6	4000	1027.0	-8	SSW	1	b	21	*	8	5	4	-	-	-	-	1	2-3	4000	3	35	20	11	-	-	2.3
15	Dalwhinnie ... 1176	1023.3	+10	*	N	2	b	21	97	7	2-3	2-3	1500	1020.1	-30	WNW	4	b	20	55	7	5	-	-	-	-	-	7-8	7-8	2500	8	29	14	11	2	-	0.2
	Aberdeen ... 79	1023.3	+10	*	N	2	b	21																													

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th January, 1940
1 S.E. England	Wind west backing southwest light or moderate; mainly fair apart from slight scattered snow showers; cold but temperature somewhat higher than of late.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	As 6 - 7.
5 S.W. England	Wind south to southeast fresh; cloudy with snow followed by sleet or rain; temperature rising somewhat.
6 South Wales ...	
7 North Wales ...	Wind southwest backing south moderate; occasional snow showers to-day; more general snow or sleet later; cold but temperature rising somewhat above freezing.
8 N.W. England	
9 N. Midlands ...	Wind west to southwest moderate; occasional snow; cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind variable; snow at times; cold.
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	Wind southwest moderate; occasional snow; cold.
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind between south and east moderate; snow showers; cold.
17 N. W. Ireland	
18 N. E. Ireland	As 8 - 12.
19 S. E. Ireland	
20 S. W. Ireland	As 5.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A Depression near Shetland is moving slowly southwest. A wedge of high pressure covers England and a new depression off Southwest Ireland is spreading eastwards. There will be occasional snow showers in Scotland and East England while more general snow followed by sleet or rain will spread slowly over our southwest districts. Conditions will be less cold than of late, especially in the West.

FURTHER OUTLOOK.

Cold in the East; milder in the West.

Forecasts issued at 1100 G.M.T.
H.M.S.O. Press, Cornwall House, S.E.1.

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

8474/3888. W. 8109. D 4626. 6p. 548. 1/40.

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 18th January 1940.
No. 28546.

OBSERVATIONS at 1 hr. G.M.T. 18th January														OBSERVATIONS at 7 hr. G.M.T. 18th January														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. %	Visibility.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE Hrs.									
					Direc.	Force.					Low.	Med.	High.	Low 0-10.	Total 0-10.			Height of Base (feet).	Direc.					Force.	Low.	Med.	High.	Low 0-10.		Total 0-10.	Height of Base (feet).	State of Ground.	0-9.		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)
1	London (Kew) ... 18	1022.5	0	WSW	3	20	21	75	5	*	*	*	*	1021.5	-6	WSW	3	20	19	85	5	*	*	*	*	1020.5	-2	NW	4	20	25	85	5	*	*	*	*	27	20	7	-	Tr	5.8
	Croydon ... 217	1022.6	-6	WS	3	20	19	85	6	*	*	*	*	1021.7	-6	WSW	3	20	18	85	6	*	*	*	*	1020.8	-2	NW	4	20	25	85	6	*	*	*	*	28	19	13	-	Tr	1.8
	S. Farnborough ... 226	1023.0	-6	WNW	2	20	19	85	6	*	*	*	*	1022.1	-10	WSW	2	20	17	85	6	*	*	*	*	1020.0	0	NW	4	20	25	85	5	*	*	*	*	25	16	8	-	Tr	7.0
	Boscombe Down ... 417	1023.5	0	WNW	2	20	19	85	6	*	*	*	*	1022.1	-6	WNW	2	20	22	75	6	*	*	*	*	1020.0	0	NW	4	20	25	85	5	*	*	*	*	26	16	9	-	Tr	5.0
	Calshot (Stmntn.) ... 8	1020.8	-2	NW	4	20	16	85	6	*	*	*	*	1020.5	-2	NNW	3	20	20	75	7	*	*	*	*	1019.8	0	NW	6	20	28	75		*	*	*	*	30	18	13	-	Tr	7.4
	Lympe ... 346	1020.0	0	NW	4	20	25	85	5	*	*	*	*	1019.8	0	NNW	3	20	28	75		*	*	*	*	1019.8	0	NW	6	20	28	75		*	*	*	*	27	17	16	3	-	0.1
	Manston ... 164									*	*	*	*																												0.0		
2	Shoeburyness ... 11	1017.7	-6	WNW	3	20	23	85	5	*	*	*	*	1017.8	+2	WNW	3	20	23	85	5	*	*	*	*	1017.0	-6	WNW	3	20	23	85	5	*	*	*	*	28	20	17	Tr	-	1.9
	Felixstowe ... 15	1017.8	-1	WNW	3	20	21	85	6	*	*	*	*	1017.7	0	W	3	20	18	85	6	*	*	*	*	1017.0	-6	WNW	3	20	23	85	5	*	*	*	*	27	22	17	2	-	0.1
	Gorleston ... 5	1017.8	-1	WNW	3	20	21	85	6	*	*	*	*	1017.7	0	W	3	20	18	85	6	*	*	*	*	1017.0	-6	WNW	3	20	23	85	5	*	*	*	*	31	16	15	0.3	-	*
	Mildenhall ... 19	1020.1	-6	WS	3	20	15	97	5	*	*	*	*	1019.1	-10	WSW	3	20	12	97	6	*	*	*	*	1018.6	-10	WSW	3	20	21	92	6	*	*	*	*	26	11	4	Tr	Tr	4.8
	Cranwell ... 240	1020.0	-2	WNW	3	20	20	97	4	*	*	*	*	1018.6	-10	WSW	3	20	21	92	6	*	*	*	*	1018.6	-10	WSW	3	20	21	92	6	*	*	*	*	25	19	15	Tr	-	4.5
3	Birmingham ... 535	1022.8	-2	WSW	2	20	18	85	6	*	*	*	*	1021.1	-10	WS	2	20	18	85	6	*	*	*	*	1020.3	-14	SW	2	20	24	75	8	*	*	*	*	27	15	2	-	-	*
	Upper Heyford ... 408	1022.8	-2	WSW	2	20	18	85	6	*	*	*	*	1020.3	-14	SW	2	20	24	75	8	*	*	*	*	1020.3	-14	SW	2	20	24	75	8	*	*	*	*	27	18	4	-	-	7.1
4	Ross-on-Wye ... 223									*	*	*	*																														
5	Hartland Point ... 299	1024.0	-14	NW	2	bc	31	65	8	*	*	*	*	1021.7	-14	W	0	bc	23	75	6	*	*	*	*	1020.9	-6	SSW	3	20	27	75	8	*	*	*	*	32	27	23	-	-	7.0
	Bristol ... 209	1024.0	-8	W	3	20	21	85	6	*	*	*	*	1021.7	-14	W	0	bc	23	75	6	*	*	*	*	1021.7	-14	W	0	bc	23	75	6	*	*	*	*	28	19	9	-	-	6.3
	Portland Bill ... 32	1024.1	-4	NW	3	0	30	92	8	*	*	*	*	1023.3	-12	NW	3	bc	30	92	8	*	*	*	*	1023.3	-12	NW	3	bc	30	92	8	*	*	*	*	31	25	*	-	-	*
	Plymouth ... 82	1025.6	-6	W	0	m	22	85	4	*	*	*	*	1022.7	-18	NW	2	20	19	85	6	*	*	*	*	1022.7	-18	NW	2	20	19	85	6	*	*	*	*	30	18	14	-	-	7.4
	The Lizard ... 240	1025.3	-20	W	0	bc	26	75	8	*	*	*	*	1021.3	-24	N	2	c	34	85	8	*	*	*	*	1021.3	-24	N	2	c	34	85	8	*	*	*	*	31	(26)		-	-	6.1
	Scilly (St. Mary's) ... 163	1024.9	-10	ESE	1	bc	27	75	8	*	*	*	*	1020.7	-26	SSE	5	bc	34	85	8	*	*	*	*	1020.7	-26	SSE	5	bc	34	85	8	*	*	*	*	32	26	*	Tr	-	6.5
	Guernsey ... 175									*	*	*	*	1023.2	-8	WS	1	c	29	85	8	*	*	*	*	1023.2	-8	WS	1	c	29	85	8	*	*	*	*	32	27	17	7	-	1.3
6	Pembroke ... 142	1023.5	-12	W	4	bc	34	85	8	*	*	*	*	1019.2	-14	WSW	5	c	37	75	8	*	*	*	*	1019.2	-14	WSW	5	c	37	75	8	*	*	*	*	33	28	*	-	Tr	7.3
7	Holyhead ... 26	1021.3	-14	WSW	4	bc	30	55	7	*	*	*	*	1018.0	-20	WSW	4	c	35	75	7	*	*	*	*	1018.0	-20	WSW	4	c	35	75	7	*	*	*	*	37	29	24	2	Tr	5.0
	Chester (Sealand) ... 16	1022.1	-6	WSW	2	20	27	65	5	*	*	*	*	1018.5	-12	W	0	24	75	5	*	*	*	*	1018.5	-12	W	0	24	75	5	*	*	*	*	32	24	17	-	-	5.5		
8	Manchester ... 70	1021.3	-14	WS	2	m	25	92	4	*	*	*	*	1018.3	-16	SSW	2	20	26	75	6	*	*	*	*	1018.3	-16	SSW	2	20	26	75	6	*	*	*	*	29	18	7	-	-	3.8
10	Spurn Head ... 29	1017.7	-2	WNW	6	bc	27	85	7	*	*	*	*	1016.5	-4	W	5	bc	26	85	6	*	*	*	*	1016.5	-4	W	5	bc	26	85	6	*	*	*	*	30	25	*	0.1	-	4.3
	Catterick ... 175	1018.2	-6	WNW	2	bc	27	65	7	*	*	*	*	1019.5	-10	WSW	2	bc	26	75	7	*	*	*	*	1019.5	-10	WSW	2	bc	26	75	7	*	*	*	*	(32)	24	15	-	-	7.2
	Tynemouth ... 108	1017.3	-14	W	6	bc	27	92	6	*	*	*	*	1014.9	-10	W	5	bc	28	85	6	*	*	*	*	1014.9	-10	W	5	bc	28	85	6	*	*	*	*	26	25	22	-	-	*
11	St. Abbs Head ... 280	1014.3	-8	W	4	bc	31	85	7	*	*	*	*	1011.2	-16	W	5	bc	29	85	8	*	*	*	*	1011.2	-16	W	5	bc	29	85	8	*	*	*	*	30	27	*	-	-	*
	Leuchars ... 36	1014.0	-20	WSW	1	bc	31	92	7	*	*	*	*	1012.2	-14	WSW	4	bc	31	92	7	*	*	*	*	1012.2	-14	WSW	4	bc	31	92	7	*	*	*	*	30	25	23	-	-	1.3
12	Renfrew (Abbots L.) ... 19	1015.6	-18	SW	3	bc	33	92	5	*	*	*	*	1012.7	-18	SW	2	bc	33	92	6	*	*	*	*	1012.7	-18	SW	2	bc	33	92	6	*	*	*	*	31	30	29	-	-	4.6
	Eekdalemuir ... 794									*	*	*	*	1014.7	-18	SE	1	bc	22	97	7	*	*	*	*	1014.7	-18	SE	1	bc	22	97	7	*	*	*	*	25	17	14	-	-	5.8
	Point of Ayre ... 30	1019.7	-16	WNW	5	b	29	97	8	*	*	*	*	1015.2	-14	WS	3	b	25	97	8	*	*	*	*	1015.2	-14	WS	3	b	25	97	8	*	*	*	*	34	23		-	-	4.9
13A	Tiree ... 22									*	*	*	*	1009.8	-24	WNW	6	c/ps	36	85	7	3	-	-	7.8	7.8	800	4	1	38	32	30					3	2.3					
13B	Stornoway ... 80	1012.0	-26	SW	3</																																						

LONDON OBSERVATIONS

Day 7h-18h, Kew & Croydon.

9h-18h, Kensington.

9h-21h, other stations except for rainfall which is 9h-18h.

Height above M.S.L. in feet.

24 hrs. ended 9h.

°F.

°F.

°F.

mm.

mm.

mm.

THE DAILY WEATHER REPORT

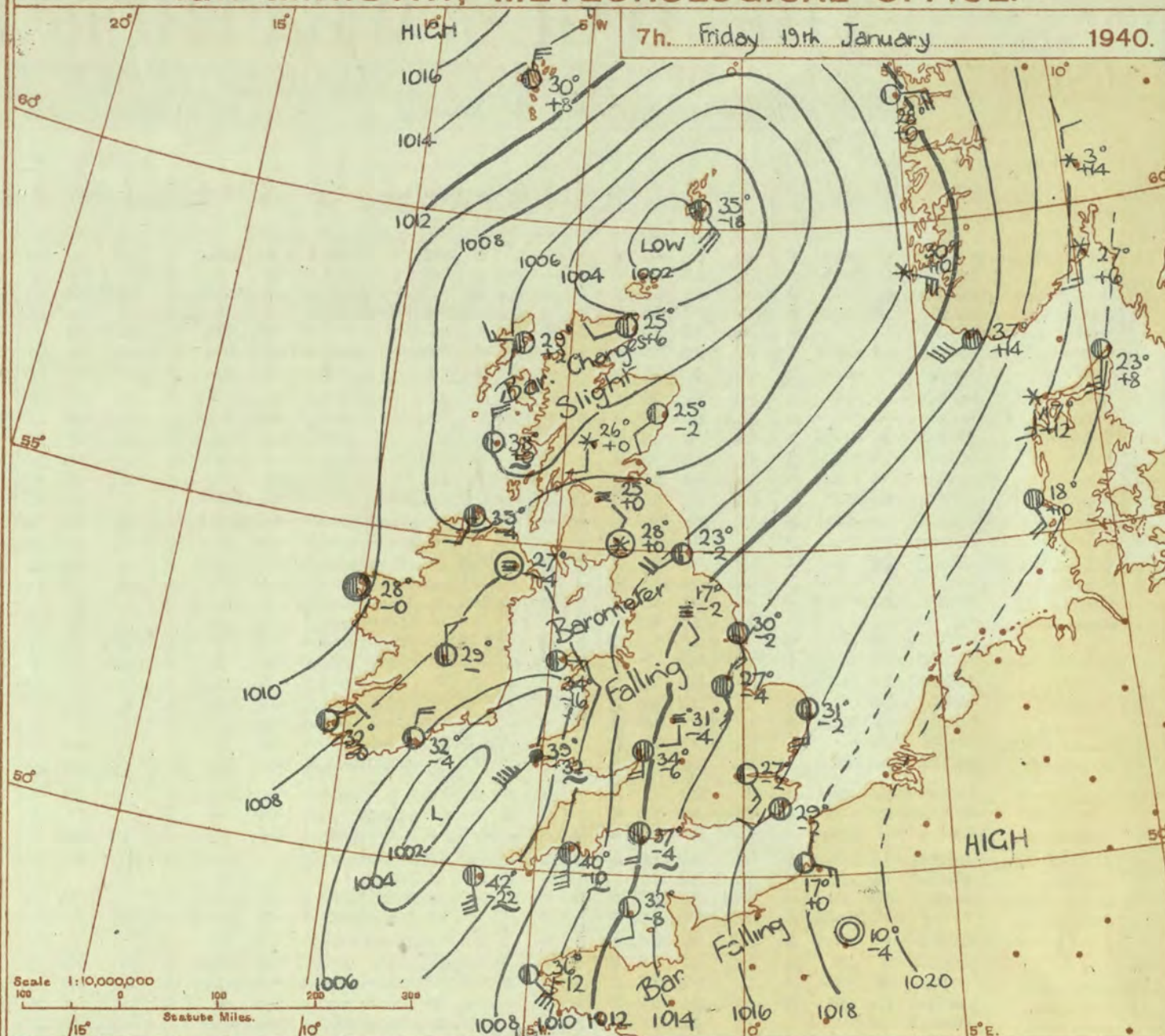
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday 19th January, 1940.
No 28,547.

OBSERVATIONS at 13h. G.M.T. 18th January														OBSERVATIONS at 18h. G.M.T. 18th January														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.						Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.						Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				Dir.	Force.					Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.			Amount.	Height of Base. (feet)					State of Ground.	Sea.	7h.—13h. 18th.	13h.—18h. 18th.	18h.—19h. 19th.	19h.—7h. 19th.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Soton.) ... Lympne ... Manston ...	1018.9 1019.4 1019.3 1019.3 1019.7 1020.1 1018.7	-16 -14 -20 -18 -20 -10 -12	WSW SW SW SW W WNW WNW	2 3 3 3 3 1 3	Z Z bc C Z Z Z	31 33 35 35 35 28 30	65 65 65 65 65 75 65	5 6 7 7 6 6 6	- - - - - - -	3 2 - 8 3 6 6	0 0 0 2-3 1 0 0	4-6 7-8 2-3 7-8 4-6 7-8 7-8	1018.1 1018.5 1018.2 1017.7 1018.3 1019.8 1018.8	-2 -2 -6 -6 -4 +2 -2	SSW S SSW S SW WS SW	2 3 3 3 2 2 3	bef m bcff Z PS bc bc	30 27 28 30 32 22 23	85 85 86 97 92 85 76	3 4 3 6 6 7 6	5 - - 5 8 - - 1	2-3 0 0 7-8 4-6 0 0	2-3 4-6 0 7-8 7-8 0 0	5700 - - 2500 1500 - - -	3 3 1 3 3 9 9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 19th January 1940.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th January, 1940.

1 S.E. England	Wind south moderate; mainly fair; cold and frosty.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind south to southeast moderate; mainly cloudy with snow or sleet at times; cold but temperature somewhat higher than of late.
5 S.W. England	
6 South Wales ...	Wind south to southeast fresh, strong to gale on coast; cloudy with rain or sleet at times; rather cold but temperature somewhat higher than of late.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Wind southeast moderate; cloudy; some snow; cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light variable wind; occasional snow showers; cold.
13 { A.W. Scotld. B.N.W. Scot- land.	Wind light southwesterly; snow showers; cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind southeast to variable, moderate or fresh; snow showers; cold.
17 N. W. Ireland	As 19 - 20.
18 N. E. Ireland	As 12 - 13A.
19 S. E. Ireland	
20 S. W. Ireland	Light northerly wind; occasional snow showers; cold.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is high over Germany and the Baltic and depressions are centred near Shetland, the Bristol Channel and Portugal forming a belt of low pressure which is unlikely to move much. There will be snow at times in Northern and Central districts and some rain in the Southwest. Temperature will continue low in most districts but somewhat milder conditions will spread from the Southwest to Wales and Western England.

FURTHER OUTLOOK.

Mainly fair and cold in the Southeast; cold and unsettled elsewhere with further snow probable.

Time of Issue of Gale Warnings.

Warning of southerly gale issued at 0830 G.M.T. 19/1/40 in districts 5 and 6.

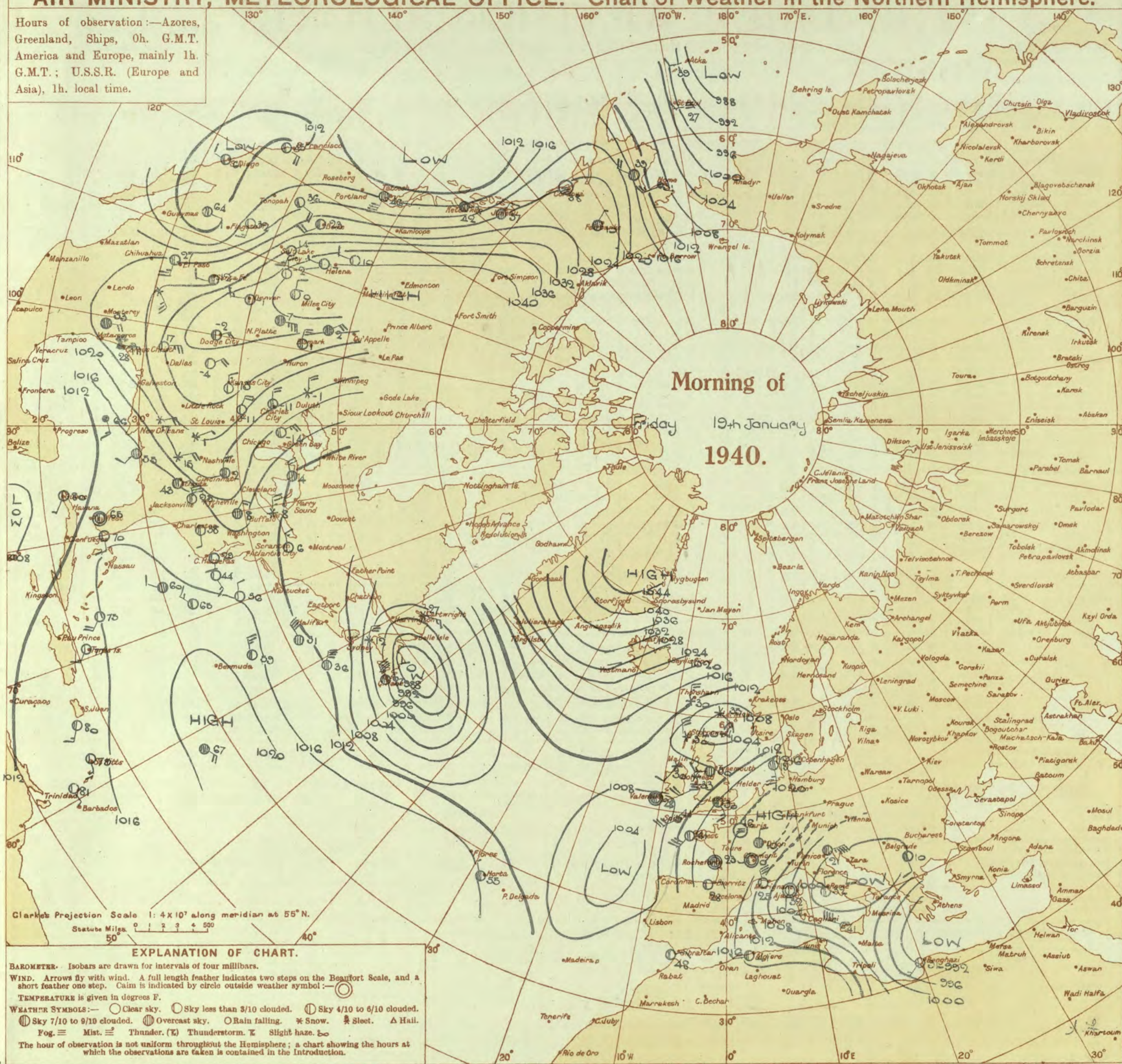
Forecasts issued at 1050.
H.M.S.D. Press, Cornwall House, S.E.1.

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

24/4/3908 H.M.S.D. P.4626 Sp.448 1/40

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday 19th January 1940.
No. 28,547.

OBSERVATIONS at 1 hr. G.M.T. 19th January														OBSERVATIONS at 7 hr. G.M.T. 19th January														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. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE 18th Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					Direc.	Force.					Low.	Med.	High.	Low 0-10	Total 0-10			Height of Base (feet).	Direc.					Force.	Low.	Med.	High.	Low 0-10			Total 0-10	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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
																																							0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9	0-12	0-9

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

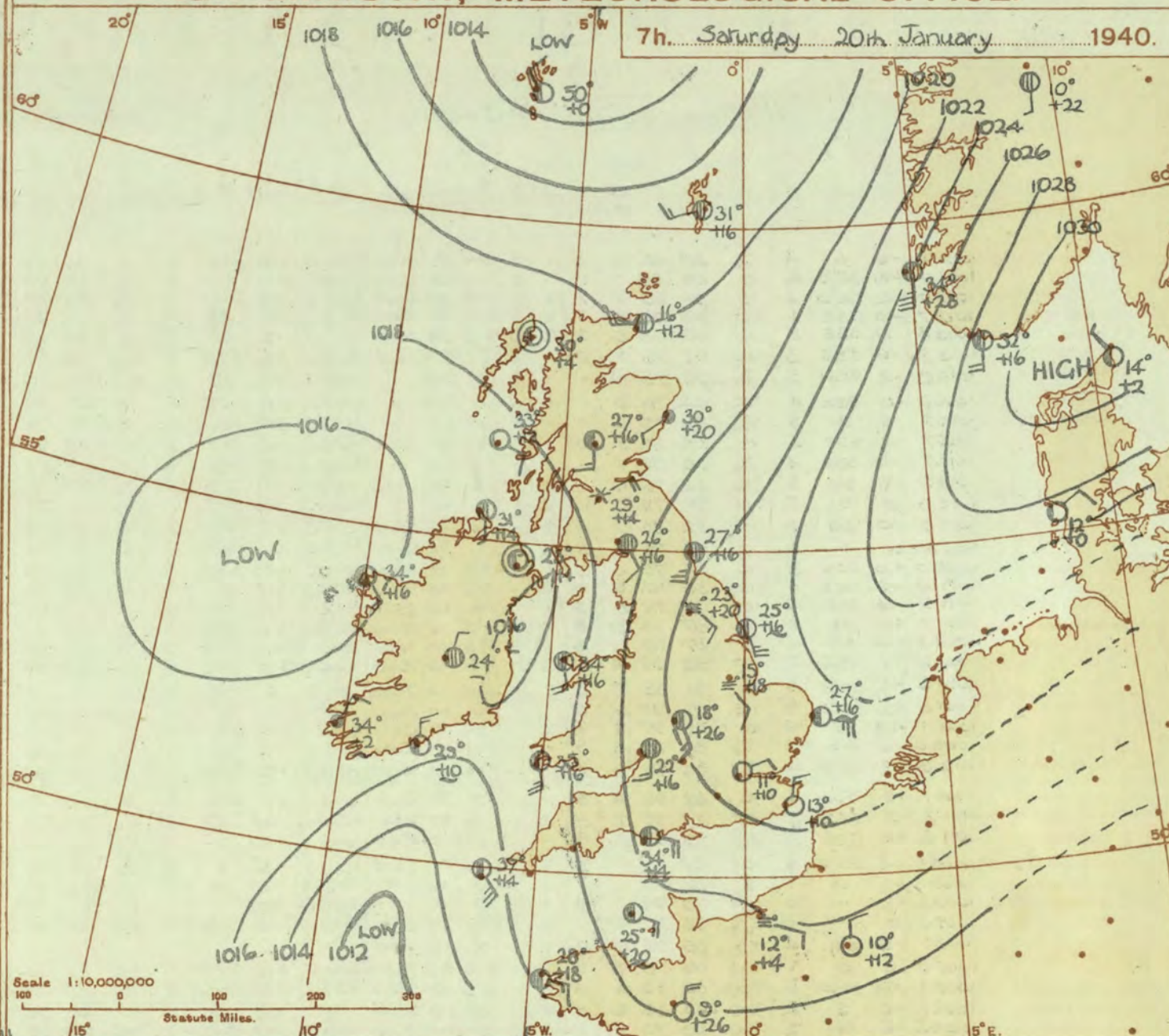
Saturday 20th January 1940.

No. 25548.

OBSERVATIONS at 13h. G.M.T. 19th January															OBSERVATIONS at 18h. G.M.T. 19th January															PAST 24 HOURS.						
District.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)	° Humid. (7)	Visibility. 0-9 (8)	Cloud. (9) (10) (11) (12) (13) (14)					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	° Humid. (21)	Visibility 0-9 (22)	Cloud. (23) (24) (25) (26) (27) (28)					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER. (31) (32) (33) (34)						
				Form. (9)	Med. (10)					High (11)	Low 0-10 (12)	Total 0-10 (13)	Height of Base. (feet) (14)	Form. (23)			Med. (24)	High (25)					Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 19th. (31)	13h.—18h. 19th. (32)			18h.—1st 20th. (33)	1st.—7h. 20th. (34)					
1	London (Kew)...	1014.4	-6	S	4	Z	35	65	6	4	1	8	4-6	9	1016.3	+10	SE	3	Z	30	75	6	5	-	8	4-6	10	2500	4	*	bcm	bcm	bcm	bcm		
	Croydon ...	1014.7	-10	SE	3	C	36	65	6	1	-	2	4-6	9	1016.2	+10	SE	2	Z	29	85	6	1	-	1	0	10	-	3	*	bcm	bcm	bcm	bcm		
	S. Farnborough ...	1013.9	-12	SE	4	C	34	85	7	7	-	7-8	9	1000	1018.2	+6	SE	4	Z	30	75	5	-	1	0	10	-	4	*	bcm	bcm	bcm	bcm			
	Boscombe Down ...	1012.7	-10	SE	4	C	32	92	8	5	1	-	4-6	10	1500	1013.6	+8	SE	4	Z	30	85	6	5	1	-	2-3	10	2500	1	*	C	C	C	C	
	Calshot (Soton.) ...	1013.8	-10	SE	5	C	35	65	8	5	2	3	2-3	9	1000	1012.5	-2	SE	5	Z	34	65	6	5	1	-	2-3	10	4000	3	4	bcc	bcc	bcc	bcc	
	Lympne ...	1016.8	-6	SE	3	bc	32	75	7	5	-	2	1	4-6	800	1018.0	+6	SE	3	Z	26	75	6	5	-	-	3	9	1500	9	33	bcc	bcc	bcc	bcc	
	Manston ...	1016.8	-2	SW	3	Z	32	75	6	-	-	2	0	2-3	-	1018.1	+12	SE	3	Z	26	75	6	1	7	-	1	4-6	1500	9	*	bcm	bcm	bcm	bcm	
2	Shoeburyness ...	1016.2	-6	SE	4	bc	34	75	8	-	-	6	0	4-6	-	1017.4	+8	SE	4	m	29	92	4	-	-	0	2-3	-	8	*	bc	bc	bc	bc		
	Felixstowe ...	1014.7	-6	S	3	Z	35	75	6	-	-	3	0	4-6	-	1016.3	+12	SE	4	Z	31	75	6	8	-	-	0	9	1500	8	3	bcm	bcm	bcm	bcm	
	Gorleston ...	1016.7	+2	SE	4	C	34	85	7	5	-	3	9	2500	1018.2	+12	SE	5	C	32	85	7	8	-	-	10	10	2500	8	2	bcc	bcc	bcc	bcc		
	Mildenhall ...	1014.7	-14	SE	4	Z	35	97	6	-	1	-	0	7-8	-	1017.4	+26	SE	3	Z	27	92	5	-	1	-	0	2-3	-	8	*	bcm	bcm	bcc	bcc	
	Cranwell ...	1013.9	+2	SE	3	Z	32	75	6	-	2	-	0	10	-	1016.0	+6	SE	3	Z	29	92	6	5	1	-	4-6	10	4000	8	*	bcm	bcm	bcm	bcm	
3	Birmingham ...	1012.3	0	S	2	0	31	75	6	-	2	-	0	10	-	1014.9	+20	SE	1	Z	31	75	5	5	-	-	10	10	1500	8	*	0	0	0	0	
	Upper Heyford ...	1013.5	-10	SE	3	0	32	85	7	-	2	-	10	10	5700	1015.3	+12	SE	2	C	30	73	7	-	1	-	0	10	-	4	*	0	0	0	0	
4	Ross-on-Wye ...	1011.5	0	S	3	C	33	75	7	6	2	-	1	10	1500	1013.9	+14	SE	2	C	31	85	7	5	1	-	1	10	1500	8	*	0	0	0	0	
5	Hartland Point ...	1008.0	+10	SE	3	C	34	75	8	5	1	-	7-8	9	4000	1010.2	+26	SE	3	C	32	75	8	5	1	-	4-6	9	4000	4	3	C	C	C	C	
	Bristol ...	1011.9	+6	SE	4	C	33	65	8	5	2	-	4-6	10	1500	1012.8	+18	S	2	Z	29	75	6	5	1	-	9	10	1500	8	*	C	C	C	C	
	Portland Bill ...	1011.5	-14	SE	6	C	35	92	8	5	-	-	10	10	2500	1012.0	+12	SE	6	C	36	92	8	5	-	-	10	10	2500	1	5	C	C	C	C	
	Plymouth ...	1010.7	+6	SE	6	C	37	35	8	5	1	-	7-8	10	2500	1008.8	+8	SE	5	C	36	55	7	5	1	-	1	10	1500	1	4	C	C	C	C	
	The Lizard ...	1007.7	+10	SE	6	C	37	65	8	8	2	-	7-8	10	1500	1009.0	+16	SE	5	C	37	65	8	5	2	-	7-8	10	1500	1	5	C	C	C	C	
	Scilly (St. Mary's) ...	1004.5	+6	SE	7	ry	38	92	6	8	2	-	7-8	10	1500	1006.9	+6	SE	4	sh	34	97	5	5	-	-	10	10	1500	7	4	C	C	C	C	
	Guernsey ...	1011.6	-12	SE	4	C	31	85	7	2	1	-	4-6	10	2500	1011.7	0	SE	4	C	31	75	7	-	1	-	0	2	-	4	3	C	C	C	C	
6	Pembroke ...	1007.0	+20	SW	9	rs	35	97	5	5	-	-	10	10	800	1010.6	+20	SE	4	ss	34	85	5	5	-	-	10	10	1500	1	2	rs	rs	rs	rs	
7	Holyhead ...	1004.1	-26	SE	6	C	28	97	8	6	2	-	9	10	1500	1007.8	+42	WSW	4	C	36	85	6	3	2	-	9	10	1500	7	1	5	5	5	5	
	Chester (Sealand) ...	1009.0	-6	SE	5	Z	34	85	6	5	-	-	10	10	1500	1011.5	+6	SE	4	Z	32	97	6	5	-	-	9	9	1500	8	*	C	C	C	C	
8	Manchester ...	1010.5	-2	SE	4	Z	34	75	6	5	-	-	10	10	1500	1012.1	+10	SE	4	Z	32	65	6	-	1	-	0	10	-	8	*	C	C	C	C	
10	Spurn Head ...	1014.1	+2	SW	4	C	32	92	6	5	-	-	9	9	2500	1016.4	+14	SE	5	0	33	85	6	5	-	-	10	10	4000	4	3	C	C	C	C	
	Catterick ...	1011.7	-2	SE	1	of	27	97	2	-	2	-	10	10	450	1014.2	+14	SE	3	Z	30	85	5	5	-	-	10	10	800	8	*	C	C	C	C	
	Tynemouth ...	1011.8	+6	SW	3	of	29	92	3	5	-	-	10	10	1500	1014.1	+14	S	3	of	33	92	5	5	-	-	10	10	1500	4	2	C	C	C	C	
11	St. Abbs Head ...	1009.5	+4	SE	3	C	29	85	7	8	6	1	4-6	7-8	2500	1012.1	+16	S	4	sh	30	92	5	5	2	-	7-8	10	1500	4	2	C	C	C	C	
	Leuchars ...	1009.0	+2	W	1	Z	34	75	6	-	4	7	0	10	-	1012.4	+24	W	2	Z	34	85	6	5	-	-	4-6	10	1500	8	*	C	C	C	C	
12	Renfrew (Abbots L.) ...	1009.8	+2	-	0	of	23	92	2	5	-	-	9	9	-	1012.4	+18	-	0	f	23	97	2	-	-	-	10	10	450	8	*	C	C	C	C	
	Esksdalemuir ...	1009.9	0	-	0	SS	28	92	6	-	2	-	10	10	800	1012.4	+16	SE	2	SS	28	97	4	-	2	-	-	10	10	450	8	*	C	C	C	C
	Point of Ayre ...	1007.7	-8	SE	4	rs	36	97	6	8	1	-	9	10	1500	1012.4	+16	SE	2	SS	28	97	4	-	2	-	-	10	10	450	8	*	C	C	C	C
13A	Tiree ...	1007.0	0	S	1	bc	39	75	9	8	7	-	4-6	4-6	2500	1010.6	+10	SE	1	bc	33	85	9	8	-	-	2-3	2-3	1500	4	2	bc	bc	bc	bc	
13B	Stornoway ...	1009.4	+20	NNE	5	9ps	36	85	8	6	7	-	2-3	9	2500	1013.1	+20	NNW	4	C	37	65	8	3	7	-	-	4-6	7-8	2500	7	3	C	C	C	C
15	Dalwhinnie ...	1008.8	+6	S	3	bc	23	85	6	4	6	-	2-3	2-3	2500	*	+22	S	2	C	20	92	6	5	-	-	10	10	1500	8	*	C	C	C	C	
	Aberdeen ...	1008.5	+6	SW	2	bc	23	75	6	5	4	8	Tr	2-3	2500	1011.3	+18	SW	2	bc	29	75	6	5	4	8	Tr	2-3	2500	8	1	bcc	bcc	bcc	bcc	
	Wick ...	1006.3	+8	W	2	SS	29	97	4	-	-	-	10	10	450	1008.8	+20	N	4	C	36	85	8	3	7	8	4-6	7-8	1500	9	2	C	C	C	C	
16	Lerwick ...	1007.0	+16	ENE	3	9ps	34	85	8	8	7	-	4-6	9	800	1008.0	+6	WSW	4	C	33	97	6	6	2	-	-	4-6	10	450	7	*	C	C	C	C
17	Blacksod Point...	1010.4	0	W	3	C	35	92	8	9	-	-	9	9	1500	1011.4	+6	W	2	bc	36	75	8	3	-	-	4-6	4-6	1500	4	3	bc	bc	bc	bc	
18	Malin Head ...	1008.2	+2	N	3	C	38	75	8	3	-	-	7-8	7-8	4000	1009.7	+18	N	1	C	39	75	8	9	-	-	7-8	7-8	4000	7	2	C	C	C	C	
	Aldergrove ...	1009.0	-2	NNW	1	f	28	97	2	-	-	-	10	10	450	1009.9	+12	-																		

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 20th January 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th January, 1940.
1 S.E. England	Wind southeast; light to moderate, backing northeast, moderate or fresh; fair today, cloudy or dull tomorrow with slight occasional snow; continuous frost, but less intense tomorrow.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind southeast, moderate to light, backing east; cloudy, occasional snow showers, chiefly near the coast, becoming fair; continuous frost.
6 South Wales ...	
7 North Wales ...	As 1 - 4.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Winds variable, light, becoming south to southeast; cloudy or dull; occasional snow or snow showers, chiefly today; cold; frosty.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	Wind variable, light, gradually becoming southeast, moderate; cloudy; occasional snow; fairer periods tomorrow; cold, frosty.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A belt of relatively low pressure over our western districts is filling up and a ridge of high pressure extending to France from an anticyclone over Scandinavia is moving slowly westwards. Very cold, frosty weather will continue with occasional snow showers in western districts of the British Isles. It will be fair in England today but will be cloudy later with occasional slight snow.

FURTHER OUTLOOK.

Continuing cold, but less so than of late; slight occasional snow indicated in the East and Southeast.

Forecasts issued at 11.30 G.M.T.

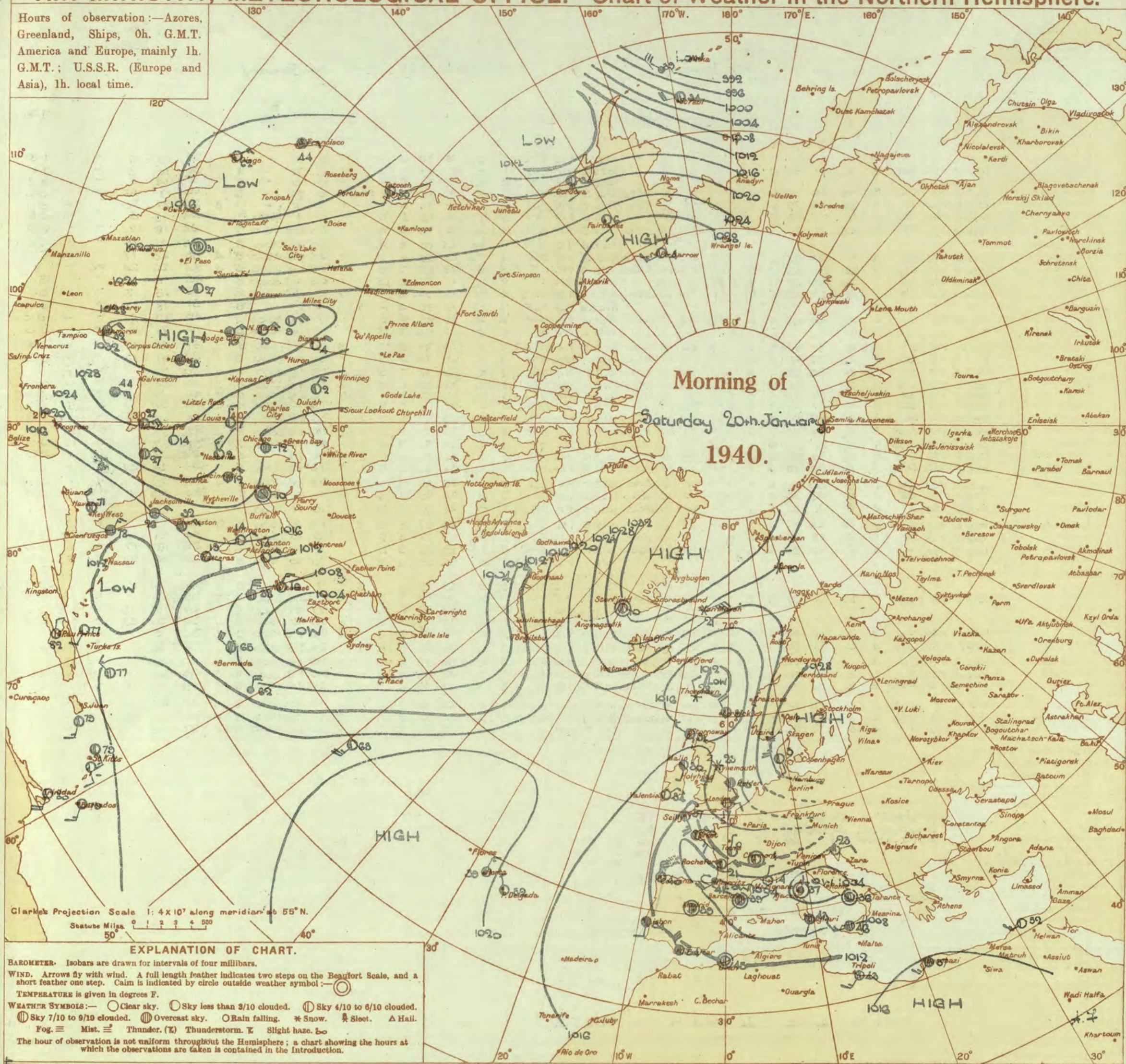
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

4474/2605 W-6/105 D4626 Sp 548 1/40

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

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 20th January														OBSERVATIONS at 7 hr. G.M.T. 20th January														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. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		Sun-shine 13h-19h.		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Max. Day 7h-13h.	Min. Night 13h-7h.	Min. on Grass °F.	Day 7h-13h mm.			Night 13h-7h mm.						
																																0-12	0-10	0-10		0-10	0-10
1	London (Kew)	18	1020.0	-18	ESE	2	20	17	85	6	-	-	-	-	1022.9	+18	ESE	1	20	18	75	6	-	-	-	-	-	-	4	36	17	4	-	Tr	1.8		
	Croydon	217	1020.0	-18	ESE	2	20	17	85	6	-	-	-	-	1022.6	+10	ESE	1	20	11	37	6	-	-	-	-	-	-	8	36	10	3	-	-	3.0		
	S. Farnborough	226	1020.0	-18	ESE	2	20	17	85	6	-	-	-	-	1023.3	+18	ESE	2	20	14	32	6	-	-	-	-	-	-	4	35	14	7	-	-	0.3		
	Boscombe Down	417	1017.7	+14	ESE	3	20	26	92	6	1	-	10	4000	1021.3	+20	E	3	20	18	85	7	-	-	7	8	0	21	-	3	36	17	16	-	-	0.0	
	Calshot (St. Mary's)	8	1017.5	+20	E	5	20	23	75	6	1	-	91	10	2500	1020.0	+18	ESE	4	20	22	75	6	-	-	1	0	21	-	0	36	21	20	-	-	0.1	
	Lymington	346	1020.0	+14	ESE	4	6	17	63	8	-	-	0	0	-	1022.5	+10	NNE	3	6	12	25	6	-	-	1	1	2500	9	34	13	8	-	-	2.5		
	Manston	154	1021.5	+6	SESE	3	20	20	75	6	-	-	2.3	2.3	1500	1022.5	+10	ESE	3	20	21	75	5	-	-	2.3	2.3	2500	9	32	18	12	-	-	6.9		
2	Shoeburyness	11	1019.6	+14	SE	3	-	24	92	6	-	-	4.6	4.6	2500	1021.6	+14	ESE	4	20	25	65	6	-	-	4.6	4.6	2500	8	35	21	15	-	-	6.6		
	Felixstowe	15	1021.5	+16	ESE	5	6	26	85	7	-	-	4.6	4.6	2500	1023.5	+16	ESE	5	6	27	85	7	-	-	7.8	7.8	2500	5	34	26	24	0.2	-	6.5		
	Gorleston	5	1021.1	+18	SE	1	20	22	97	6	-	-	0	2.3	-	1023.6	+12	E	2	20	11	97	6	-	-	2.3	2.3	4000	8	35	9	4	-	-	5.0		
	Mildenhall	19	1020.4	+20	SE	3	m	25	92	4	-	-	10	10	1500	1023.4	+18	SESE	2	m	15	92	4	-	-	1	0	Tr	-	82	15	13	-	-	0.1		
	Cranwell	240	1020.4	+20	SE	3	m	25	92	4	-	-	10	10	1500	1022.4	+26	SSE	3	20	18	75	5	-	-	7	0	91	-	31	18	17	-	-	0.0		
3	Birmingham	535	1019.3	+14	E	2	20	24	85	6	-	-	8	2.3	9	1500	1022.8	+16	ENE	2	20	15	85	6	-	-	1	4.6	2500	4	33	13	8	-	-	0.0	
4	Upper Heyford	408	1019.3	+14	E	2	20	24	85	6	-	-	8	2.3	9	1500	1021.5	+16	S	3	0	22	85	7	-	-	10	10	1500	8	34	21	18	-	-	0.0	
	Ross-on-Wye	223	1019.3	+14	E	2	20	24	85	6	-	-	8	2.3	9	1500	1021.5	+16	S	3	0	22	85	7	-	-	10	10	1500	8	34	21	18	-	-	0.0	
5	Hartland Point	299	1014.0	+16	E	2	c	32	65	6	-	-	7	4.6	10	2500	1017.3	+14	ENE	2	c	(30)	75	8	-	-	8	4.6	9	2500	4	37	28	27	-	-	0.0
	Bristol	209	1017.6	+16	SESE	2	20	28	75	6	-	-	7.8	10	1600	1021.0	+22	ESE	3	c	21	75	6	-	-	91	91	1500	8	34	21	19	-	-	0.0		
	Portland Bill	32	1015.4	+8	SE	4	0	35	92	7	-	-	10	10	2500	1018.7	+14	ESE	4	c	34	92	7	-	-	7.8	7.8	4000	1	40	32	-	-	-	0.0		
	Plymouth	82	1014.1	+20	ESE	4	20	34	65	6	-	-	2	3	10	2500	1018.0	+20	ESE	3	20	33	85	6	-	-	8	4.6	4.6	2500	3	40	32	26	-	-	0.0
	The Lizard	240	1012.4	+20	SE	5	c	37	65	8	-	-	3	10	1500	1015.5	+16	SE	5	bc	37	65	8	-	-	4.6	4.6	2500	0	40	32	-	-	-	0.0		
	Scilly (St. Mary's)	163	1010.2	+16	SSE	5	c	37	75	7	-	-	7.8	91	1500	1013.3	+14	SESE	5	c	37	65	8	-	-	7.8	10	1500	4	43	34	-	-	-	0.0		
	Guernsey	175	1014.0	+8	SE	3	c	29	85	7	-	-	7.8	91	2500	1018.1	+20	ESE	4	c	25	85	7	-	-	2.3	7.8	2500	4	43	34	19	-	-	1.0		
6	Pembroke	142	1014.0	+12	SSE	5	18	37	75	7	-	-	91	91	1500	1017.3	+16	SSE	5	bc	35	75	7	-	-	4.6	4.6	2500	1	42	32	-	-	-	0.0		
7	Holyhead	26	1014.7	+26	SSE	5	15	32	97	3	-	-	10	10	220	1017.3	+16	SSE	4	c	34	85	7	-	-	91	91	1500	7	37	32	31	21	10	0.0		
	Chester (Sealand)	16	1016.5	+18	SSE	4	20	30	85	5	-	-	2.3	10	5700	1020.2	+18	SSE	4	m	28	92	4	-	-	0	10	-	8	34	26	-	-	-	0.0		
8	Manchester	70	1017.6	+18	SESE	3	20	30	75	6	-	-	10	10	4000	1021.6	+22	SSE	2	20	24	55	6	-	-	4.6	10	4000	8	34	24	24	0.1	-	0.0		
10	Spurn Head	29	1020.3	+14	SSE	4	0	30	85	6	-	-	10	10	800	1023.1	+16	SSE	5	c	25	85	6	-	-	2.3	7.8	4000	4	32	25	-	-	-	0.0		
	Catterick	175	1018.1	+16	SE	4	m	27	85	4	-	-	10	10	450	1022.0	+20	SE	3	m	23	85	4	-	-	10	10	800	8	30	23	-	-	-	0.0		
	Tynemouth	108	1018.2	+20	S	4	0	31	92	6	-	-	10	10	1500	1021.5	+16	SSE	5	0	27	92	6	-	-	10	10	1500	8	30	23	-	-	-	0.0		
11	St. Abbs Head	280	1016.2	+14	S	4	ss	20	97	4	-	-	10	10	800	1018.8	+20	SSE	4	c	26	97	5	-	-	7.8	10	1500	8	32	25	-	-	-	0.0		
	Leuchars	36	1016.3	+18	SE	1	20	28	97	6	-	-	9	10	1500	1019.2	+14	E	1	15	20	97	5	-	-	10	10	1500	8	34	19	14	-	-	3.3		
12	Bentley (Abbots L.)	19	1015.7	+12	-	0	f	22	97	2	-	-	91	91	2500	1018.1	+14	ENE	4	31	29	97	3	-	-	10	10	1500	8	26	18	17	-	-	0.0		
	Eskdalemuir	794	1015.7	+12	-	0	f	22	97	2	-	-	91	91	2500	1018.1	+14	ENE	4	31	29	97	3	-	-	10	10	1500	8	26	18	17	-	-	0.0		
	Point of Ayre	30	1015.7	+12	-	0	f	22	97	2	-	-	91	91	2500	1018.1	+14	ENE	4	31	29	97	3	-	-	10	10	1500	8	26	18	17	-	-	0.0		
13A	Tiree	22	1016.4	+16	WNW	1	bc	31	97	7	-	-	4.6	4.6	2500	1017.0	+12	ESE	2	p	33	75	8	-	-	1	1	-	5	42	30	24	-	-	2.8		
13B	Stornoway	80	1016.4	+16	WNW	1	bc	31	97	7	-	-	4.6	4.6	2500	1018.3	+14	-	0	bc	30	97	7	-	-	4.6	4.6	2500	7	38	26	-	-	-	0.0		
15	Dalwhinnie	1178	1015.1	+20	NW	2	bc	28	85	8	-	-	2.3	4.6	2500	1019.3	+16	S	3	c	27	97	6	-	-	91	91	1500	8	28	19	18	-	-	0.5		
	Aberdeen	79	1015.1	+20	NW	2	bc	28	85	8	-	-	2.3	4.6	2500	1018.7	+20	SW	1	ps	30	97	3	-	-	10	10	1500	8	34	26	23	-	-	5.4		
	Wick	81	1015.1	+20	NW																																

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

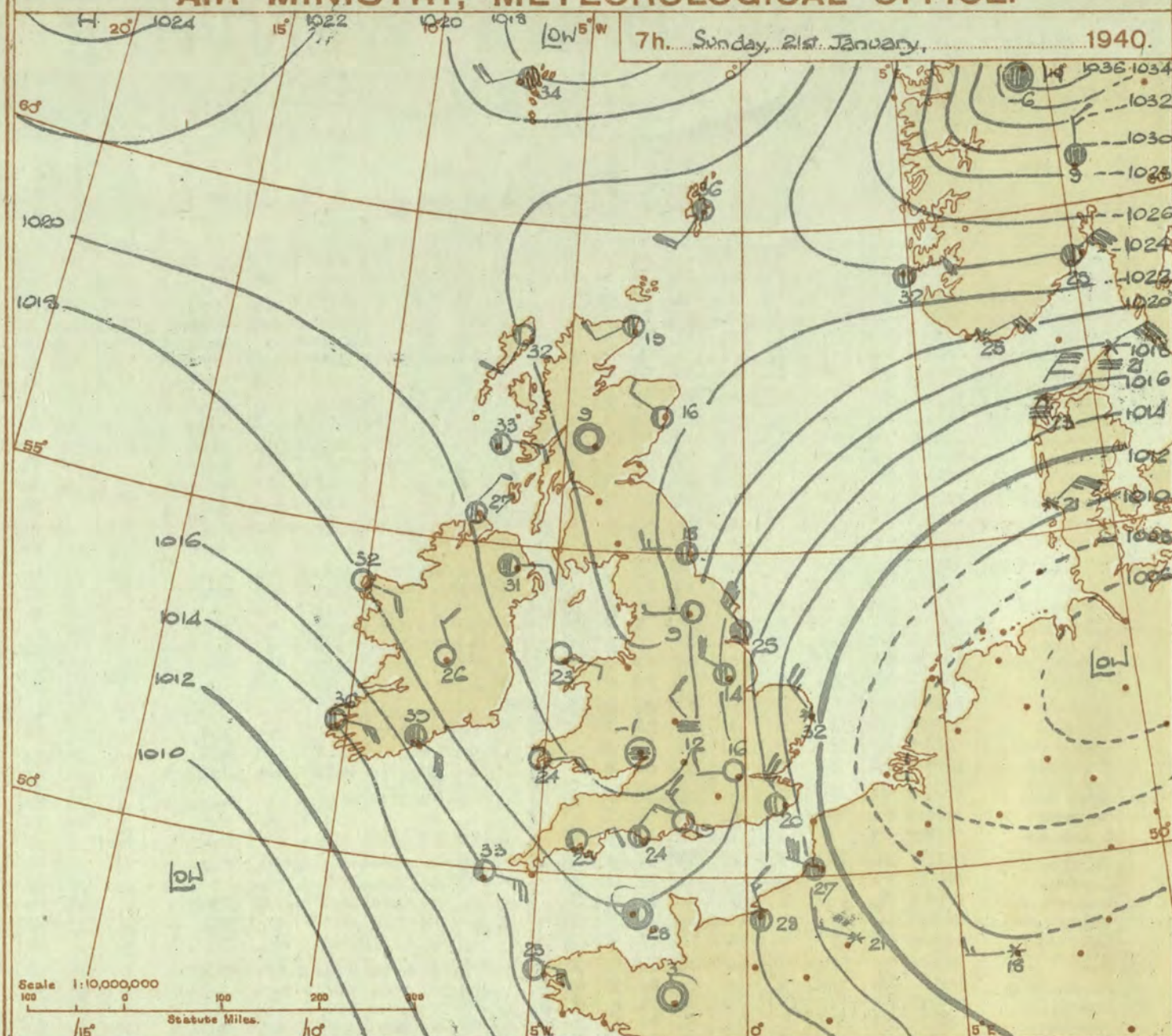
BRITISH SECTION

Sunday 21st January 1940.

No. 28,543.

OBSERVATIONS at 13h. G.M.T. 20th January														OBSERVATIONS at 18h. G.M.T. 20th January														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. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.					
				Dirce. (3)	Force. (4)					Form. (9)	Med. (10)	High (11)	Low (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Dirce. (17)					Force (18)	Form. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	7h.-13h. 20th (37)	13h.-18h. 20th (38)	18h.-20th 1st (39)	1h.-7h. 21st (40)
1	London (Kew)...	1023.7	+4	ESE	2	Z	27	65	5	-	-	-	1	2-3	4000	1024.3	+4	NNE	2	N	24	76	4	-	-	-	-	4	*	bzbfxb	bzbfxb	bzbfxb	bmx		
	Croydon ...	1023.6	+4	ENE	3	bc	26	75	6	5	-	-	1	2-3	4000	1024.0	+6	N	2	bfg	24	85	2	-	-	-	-	-	4	*	bmxzb	bzmof	bfcfbx	bmtcbmx	
	S. Farnborough	1024.1	+2	SE	1	Z	26	65	6	-	-	-	8	0	2-5	1024.5	+6	-	0	0	15	85	4	-	-	-	-	-	4	*	bmbcz	bcbzmx	bmbx	bfxm	
	Boscombe Down	1023.6	0	E	2	C	23	85	7	-	-	-	8	0	7-8	1024.5	+6	NEE	1	Z	20	75	4	-	-	-	-	-	3	*	c	bcm	bcm	bmbmx	
	Calshot (Soton.)	1023.2	+6	ENE	2	Z	27	55	6	-	-	-	8	0	9	1023.4	0	NE	2	Z	23	65	6	-	-	-	-	-	3	*	bcmoy	bcmoy	bmbfx	bfbmx	
	Lympne ...	1022.9	-6	NE	2	b/p	23	75	8	5	-	-	2-3	2-3	2500	1023.3	-4	N	4	Z	24	85	6	-	-	-	-	-	3	*	bcpso	bcpso	bcbmx	bcbmx	
	Manston ...	1022.3	-8	NE	2	ps	25	92	6	8	-	-	2	2	1500	1022.2	-4	NNE	5	Z	26	92	4	-	-	-	-	-	9	*	bcpso	bcpso	bcbmx	bcbmx	
2	Shoeburyness ...	1023.6	0	ENE	3	is	28	75	8	7	-	-	7-8	7-8	2500	1023.3	0	NW	3	b	22	75	7	-	-	-	-	-	8	*	bcpso	b	bc	bcb	
	Felixstowe ...	1022.1	-2	E	2	ps	28	75	7	6	-	-	9	9	1500	1021.3	-2	NW	3	ps	24	85	6	-	-	-	-	-	8	*	bcpso	psbc,ps	bcbmx	bcbmx	
	Gorleston ...	1024.5	0	NNE	3	c	29	75	7	8	-	-	7-8	7-8	2500	1023.1	-6	NNE	5	c/ps	31	85	7	-	-	-	-	-	8	*	bcpso	bcpso	bcbmx	bcbmx	
	Mildenhall ...	1024.7	-2	ENE	2	Z	27	75	6	1	-	-	1	7	1	4000	1024.5	-2	NW	2	c/ps	15	92	6	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx
	Cranwell ...	1025.2	+2	ESE	1	Z	26	85	5	-	-	-	1	0	2-3	1025.5	+2	-	0	18	85	5	-	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
3	Birmingham	1024.6	+4	SE	1	Z	23	65	5	-	-	-	7	0	9	1025.1	+6	SE	2	Z	22	75	4	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Upper Heyford	1024.1	+2	ESE	2	Z	25	65	6	-	-	-	1	0	2-3	1025.3	+4	NE	2	Z	17	85	4	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
4	Ross-on-Wye ...	1023.8	0	SE	2	c	24	75	6	-	-	-	1	0	9	1024.8	+8	ENE	1	Z	17	85	6	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
5	Hartland Point	1020.0	+6	ESE	3	bc	28	75	7	5	-	-	2-3	2-3	2500	1021.5	+6	ESE	4	bc	25	75	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Bristol ...	1023.6	-8	ESE	1	c	24	65	7	5	-	-	2-3	2-3	4000	1023.0	+10	ESE	1	Z	19	75	6	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Portland Bill ...	1021.7	+10	E	4	c	30	85	7	2	-	-	9	9	4000	1022.8	+10	E	4	c	28	85	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Plymouth ...	1021.0	+2	ESE	4	c	34	75	8	-	-	-	9	9	4000	1022.1	+6	ESE	2	bc	31	75	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	The Lizard ...	1020.1	+16	SE	5	c	35	75	8	6	-	-	7-8	7-8	2500	1020.3	+6	SE	5	bc	33	65	8	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Scilly (St. Mary's)	1017.6	+12	SE	5	c	38	55	8	7	-	-	4-6	4-6	1500	1018.6	+8	SE	4	bc	35	55	8	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Guernsey ...	1021.2	+8	E	3	bc	28	75	7	1	-	-	2-3	2-3	2500	1021.7	0	E	2	c	30	92	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
6	Pembroke ...	1020.7	+6	SE	5	c	37	75	7	8	-	-	9	9	1500	1021.1	+4	SE	4	c	33	85	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
7	Holyhead ...	1020.7	+12	S	5	c	33	92	7	5	-	-	4-6	4-6	1000	1021.8	+6	SSE	3	c	31	97	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Chester (Sealand)	1023.4	+2	SE	3	Z	25	75	6	-	-	-	0	4-6	-	1024.5	+10	SE	3	m	20	85	4	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
8	Manchester ...	1024.5	+2	SE	3	Z	25	65	6	-	-	-	0	9	-	1025.1	+4	ESE	2	m	22	75	4	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
10	Spurn Head ...	1025.5	+2	SW	3	c	29	85	7	4	-	-	4-6	4-6	2500	1025.3	0	NW	2	c	25	85	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Catterick ...	1024.3	+2	SSE	2	Z	24	75	6	-	-	-	0	10	-	1025.7	+6	SE	1	Z	20	75	5	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Tynemouth ...	1024.4	+6	S	5	c	25	72	6	5	-	-	4-6	4-6	1500	1025.6	+6	SW	4	bc	23	85	5	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
11	St. Abbs Head	1021.2	+6	SSE	4	c	25	85	6	5	-	-	7-8	10	1500	1024.0	+12	SSW	3	c	23	75	6	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Leuchars ...	1021.5	+6	-	0	Z	30	97	6	5	-	-	9	10	2500	1023.4	+10	S	2	Z	28	92	6	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
12	Renfrew (Abbots L.)	1020.4	+10	ESE	3	f	31	85	3	5	-	-	10	10	1500	1023.2	+22	ESE	1	m	28	85	4	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Esksdalemuir ...	1021.9	+10	SSE	2	c	24	75	3	5	-	-	10	10	800	1023.7	+12	SW	1	c	23	65	5	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Point of Ayre ...	1019.4	+8	S	6	SS	25	97	4	-	-	-	10	10	1500	1021.1	+16	SSE	5	c	31	97	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
13A	Tiree ...	1019.0	+2	SE	1	bc	35	75	8	2	-	-	4-6	4-6	4000	1020.2	+4	SE	2	c	33	85	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
13B	Stornoway ...	1019.6	+4	NW	2	bc	31	85	8	5	-	-	2-3	2-3	4000	1020.9	+12	S	0	c	25	85	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
15	Dalwhinnie ...	1020.2	+6	S	1	c	24	92	6	4	-	-	7-8	9	1500	1023.3	+14	S	1	c	26	97	5	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Aberdeen ...	1021.9	+8	SW	2	is	31	85	5	9	-	-	10	10	800	1023.3	+12	SSW	2	ps	31	92	5	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Wick ...	1017.8	+8	W	3	c	19	85	8	8	-	-	2-3	2-3	2500	1021.4	+12	WSW	2	bc	21	92	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
16	Lerwick...	1017.6	+2	SSE	3	c	37	85	8	8	-	-	7-8	9	800	1020.5	+8	SSW	4	ps	35	85	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
17	Blacksod Point...	1017.4	0	ESE	4	bc	33	85	9	-	-	-	4	0	4-6	1017.2	+4	E	3	b	32	92	8	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
18	Malin Head ...	1018.7	+2	S	1	c	30	85	7	8	-	-	4-6	7-8	4000	1019.5	+8	S	1	Z	34	65	6	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
	Aldergrove ...	1019.4	+2	-	0	Z	32	85	5	-	-	-	0	1	-	1020.6	+10	ENE	1	Z	26	85	6	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
19	Birr Castle ...	1018.7	0	SSE	2	c	28	92	7	5	-	-	10	10	2500	1018.8	0	SSE	1	0	28	97	7	-	-	-	-	-	8	*	bcbmx	bcbmx	bcbmx	bcbmx	
20	Valentia Obsy. †	1017.4	+2	S	2	c	38	85	8	8	-	-	7-8	7-8	2500	1016.3	-2	ESE	4																

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st January, 1940
1 S.E. England	Wind north veering northeast, fresh or strong to gale at times on the coast, moderating tomorrow; dull; some snow, heavy locally near the coast; still cold and probably frosty but less so than of late.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind variable, light, becoming northeast moderate; fine to-day; cloudy occasional slight snow to-morrow; severe frost to-day, less cold tomorrow.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Wind northwest light, veering north to northeast moderate to fresh; fair to-day; cloudy, some occasional snow mostly slight tomorrow; severe frost to-day then rather less cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind variable, light; fine to fair; very cold, continuous severe frost.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind becoming light and variable; fair to fine; cold and frosty.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure remains high over Greenland and Northern Europe. A depression over North Germany will now move southwestwards causing a northeasterly gale on the East and Southeast Coasts. There will be some snow in East and South England and the Midlands with temperatures rising nearer freezing point. Elsewhere it will continue fair and very cold.

FURTHER OUTLOOK.

Mainly dull and cold with slight occasional snow in England; probably continuing fair in the Northwest and in Ireland.

Times of issue of late warnings.

South coast hoisted at 1950 on 20th in parts of districts 1 and 2, and at 0215 on 21st in part of district 2.

Forecasts issued at 12.30

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Sunday 21st January 1940.
 No. 28,549

OBSERVATIONS at 1 hr. G.M.T. 21st January														OBSERVATIONS at 7 hr. G.M.T. 21st January														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. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (29)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	TEMPERATURE.				RAINFALL.		Sunshine Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.			Force.	Form.					Amount.	Height of Base (feet).	State of Ground.	Sea.			Max. Day 7h-18h °F.	Min. Night 18h-7h °F.					Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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1	London (Kew) ... 18	1022.0	-12	SE	1	2	2	52	4	1	1	0	0	1017.9	-24	SE	4	1	2	26	88	5	1	1	0	0	4000	4	1018.6	-18	SE	5	2	27	85	6	1	3	0	2-3	1015.6	-22	SE	5	2	28	85	6	1	3	0	2-3	1014.1	-26	SE	6	3	0	2-3	1013.4	-22	SE	5	2	28	85	6	1	3	0	2-3	1012.5	-18	SE	5	2	28	85	6	1	3	0	2-3	1011.6	-22	SE	5	2	28	85	6	1	3	0	2-3	1010.7	-18	SE	5	2	28	85	6	1	3	0	2-3	1009.8	-18	SE	5	2	28	85	6	1	3	0	2-3	1008.9	-18	SE	5	2	28	85	6	1	3	0	2-3	1008.0	-18	SE	5	2	28	85	6	1	3	0	2-3	1007.1	-18	SE	5	2	28	85	6	1	3	0	2-3	1006.2	-18	SE	5	2	28	85	6	1	3	0	2-3	1005.3	-18	SE	5	2	28	85	6	1	3	0	2-3	1004.4	-18	SE	5	2	28	85	6	1	3	0	2-3	1003.5	-18	SE	5	2	28	85	6	1	3	0	2-3	1002.6	-18	SE	5	2	28	85	6	1	3	0	2-3	1001.7	-18	SE	5	2	28	85	6	1	3	0	2-3	1000.8	-18	SE	5	2	28	85	6	1	3	0	2-3	999.9	-18	SE	5	2	28	85	6	1	3	0	2-3	999.0	-18	SE	5	2	28	85	6	1	3	0	2-3	998.1	-18	SE	5	2	28	85	6	1	3	0	2-3	997.2	-18	SE	5	2	28	85	6	1	3	0	2-3	996.3	-18	SE	5	2	28	85	6	1	3	0	2-3	995.4	-18	SE	5	2	28	85	6	1	3	0	2-3	994.5	-18	SE	5	2	28	85	6	1	3	0	2-3	993.6	-18	SE	5	2	28	85	6	1	3	0	2-3	992.7	-18	SE	5	2	28	85	6	1	3	0	2-3	991.8	-18	SE	5	2	28	85	6	1	3	0	2-3	990.9	-18	SE	5	2	28	85	6	1	3	0	2-3	990.0	-18	SE	5	2	28	85	6	1	3	0	2-3	989.1	-18	SE	5	2	28	85	6	1	3	0	2-3	988.2	-18	SE	5	2	28	85	6	1	3	0	2-3	987.3	-18	SE	5	2	28	85	6	1	3	0	2-3	986.4	-18	SE	5	2	28	85	6	1	3	0	2-3	985.5	-18	SE	5	2	28	85	6	1	3	0	2-3	984.6	-18	SE	5	2	28	85	6	1	3	0	2-3	983.7	-18	SE	5	2	28	85	6	1	3	0	2-3	982.8	-18	SE	5	2	28	85	6	1	3	0	2-3	981.9	-18	SE	5	2	28	85	6	1	3	0	2-3	981.0	-18	SE	5	2	28	85	6	1	3	0	2-3	980.1	-18	SE	5	2	28	85	6	1	3	0	2-3	979.2	-18	SE	5	2	28	85	6	1	3	0	2-3	978.3	-18	SE	5	2	28	85	6	1	3	0	2-3	977.4	-18	SE	5	2	28	85	6	1	3	0	2-3	976.5	-18	SE	5	2	28	85	6	1	3	0	2-3	975.6	-18	SE	5	2	28	85	6	1	3	0	2-3	974.7	-18	SE	5	2	28	85	6	1	3	0	2-3	973.8	-18	SE	5	2	28	85	6	1	3	0	2-3	972.9	-18	SE	5	2	28	85	6	1	3	0	2-3	972.0	-18	SE	5	2	28	85	6	1	3	0	2-3	971.1	-18	SE	5	2	28	85	6	1	3	0	2-3	970.2	-18	SE	5	2	28	85	6	1	3	0	2-3	969.3	-18	SE	5	2	28	85	6	1	3	0	2-3	968.4	-18	SE	5	2	28	85	6	1	3	0	2-3	967.5	-18	SE	5	2	28	85	6	1	3	0	2-3	966.6	-18	SE	5	2	28	85	6	1	3	0	2-3	965.7	-18	SE	5	2	28	85	6	1	3	0	2-3	964.8	-18	SE	5	2	28	85	6	1	3	0	2-3	963.9	-18	SE	5	2	28	85	6	1	3	0	2-3	963.0	-18	SE	5	2	28	85	6	1	3	0	2-3	962.1	-18	SE	5	2	28	85	6	1	3	0	2-3	961.2	-18	SE	5	2	28	85	6	1	3	0	2-3	960.3	-18	SE	5	2	28	85	6	1	3	0	2-3	959.4	-18	SE	5	2	28	85	6	1	3	0	2-3	958.5	-18	SE	5	2	28	85	6	1	3	0	2-3	957.6	-18	SE	5	2	28	85	6	1	3	0	2-3	956.7	-18	SE	5	2	28	85	6	1	3	0	2-3	955.8	-18	SE	5	2	28	85	6	1	3	0	2-3	954.9	-18	SE	5	2	28	85	6	1	3	0	2-3	954.0	-18	SE	5	2	28	85	6	1	3	0	2-3	953.1	-18	SE	5	2	28	85	6	1	3	0	2-3	952.2	-18	SE	5	2	28	85	6	1	3	0	2-3	951.3	-18	SE	5	2	28	85	6	1	3	0	2-3	950.4	-18	SE	5	2	28	85	6	1	3	0	2-3	949.5	-18	SE	5	2	28	85	6	1	3	0	2-3	948.6	-18	SE	5	2	28	85	6	1	3	0	2-3	947.7	-18	SE	5	2	28	85	6	1	3	0	2-3	946.8	-18	SE	5	2	28	85	6	1	3	0	2-3	945.9	-18	SE	5	2	28	85	6	1	3	0	2-3	945.0	-18	SE	5	2	28	85	6	1	3	0	2-3	944.1	-18	SE	5	2	28	85	6	1	3	0	2-3	943.2	-18	SE	5	2	28	85	6	1	3	0	2-3	942.3	-18	SE	5	2	28	85	6	1	3	0	2-3	941.4	-18	SE	5	2	28	85	6	1	3	0	2-3	940.5	-18	SE	5	2	28	85	6	1	3	0	2-3	939.6	-18	SE	5	2	28	85	6	1	3	0	2-3	938.7	-18	SE	5	2	28	85	6	1	3	0	2-3	937.8	-18	SE	5	2	28	85	6	1	3	0	2-3	936.9	-18	SE	5	2	28	85	6	1	3	0	2-3	936.0	-18	SE	5	2	28	85	6	1	3	0	2-3	935.1	-18	SE	5	2	28	85	6	1	3	0	2-3	934.2	-18	SE	5	2	28	85	6	1	3	0	2-3	933.3	-18	SE	5	2	28	85	6	1	3	0	2-3	932.4	-18	SE	5	2	28	85	6	1	3	0	2-3	931.5	-18	SE	5	2	28	85	6	1	3	0	2-3	930.6	-18	SE	5	2	28	85	6	1	3	0	2-3	929.7	-18	SE	5	2	28	85	6	1	3	0	2-3	928.8	-18	SE	5	2	28	85	6	1	3	0	2-3	927.9	-18	SE	5	2	28	85	6	1	3	0	2-3	927.0	-18	SE	5	2	28	85	6	1	3	0	2-3	926.1	-18	SE	5	2	28	85	6	1	3	0	2-3	925.2	-18	SE	5	2	28	85	6	1	3	0	2-3	924.3	-18	SE	5	2	28	85	6	1	3	0	2-3	923.4	-18	SE	5	2	28	85	6	1	3	0	2-3	922.5	-18	SE	5	2	28	85	6	1	3	0	2-3	921.6	-18	SE	5	2	28	85	6	1	3	0	2-3	920.7	-18	SE	5	2	28	85	6	1	3	0	2-3	919.8	-18	SE	5	2	28	85	6	1	3	0	2-3	918.9	-18	SE	5	2	28	85	6	1	3	0	2-3	918.0	-18	SE	5	2	28	85	6	1	3	0	2-3	917.1	-18	SE	5	2	28	85	6	1	3	0	2-3	916.2	-18	SE	5	2	28	85	6	1	3	0	2-3	915.3	-18	SE	5	2	28	85	6	1	3	0	2-3	914.4	-18	SE	5	2	28	85	6	1	3	0	2-3	9

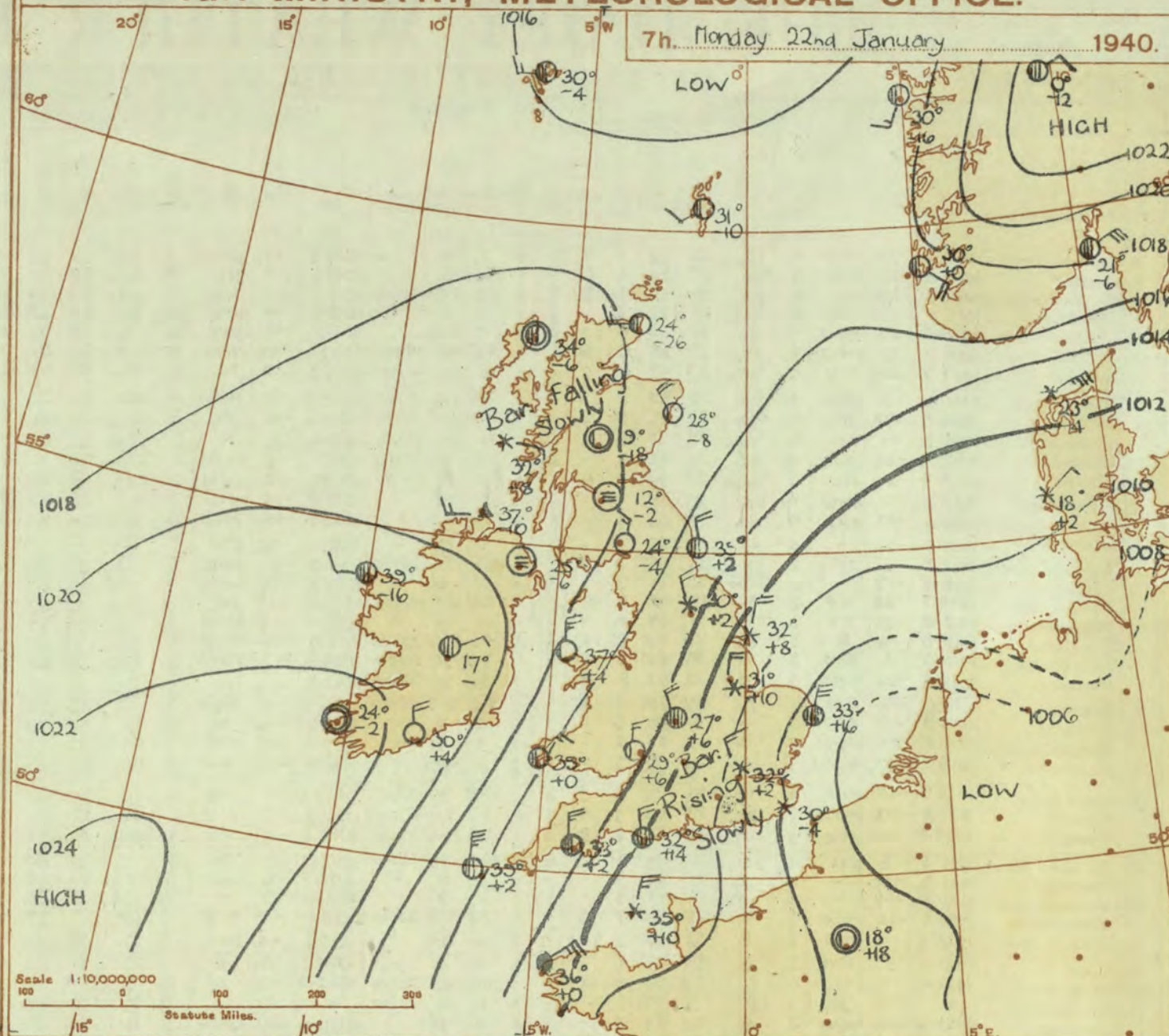
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday 22nd January 1940.
No. 28550

OBSERVATIONS at 13h. G.M.T. 21st January														OBSERVATIONS at 18h. G.M.T. 21st January														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			Barom. at M.S.L. (25)	Change in 3 hours. (26)	State of Ground. (30)	Sea. (31)	WEATHER.							
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base (feet) (14)			Dir.	Force. 0-12 (18)					Form.	Amount. Low 0-10 Total 0-10 (24) (25)	Height of Base (feet) (28)					7h.—18h. 21st (37)	18h.—18h. 21st (38)	18h.—18h. 21st (39)	1h.—7h. 22nd (40)				
1	London (Kew)...	1013.5	-26	NNW	4	is	28	75	5	5	8	1	94	1000	1010.5	-14	NNW	4	So.S.	29	32	4	2	2	10	10	1500	8	*	cbcc	So.S.	So.S.	So.S.	So.S.	
	Croydon ...	1014.0	-26	NW	4	c/s	27	85	4	5	-	-	10	10	1010.8	-18	NW	4	So.S.	28	32	4	-	2	-	10	10	800	8	*	bm,cmf	So.S.	So.S.	So.S.	
	S. Farnborough	1014.7	-28	NW	4	p	29	55	6	8	1	2-3	7-8	1000	1011.7	-14	NW	4	So.S.	28	32	4	5	7	-	4-6	10	4000	4	*	bm,cmf	So.S.	So.S.	So.S.	
	Boscombe Down	1015.9	-26	NW	3	z	27	75	6	-	7	-	0	1	1013.4	-16	NNW	4	So.S.	23	65	6	1	7	-	0	9	-	3	*	bm,cmf	So.S.	So.S.	So.S.	
	Calshot (Soton.)	1014.7	-26	NNW	4	z	30	55	6	3	-	0	2-3	-	1012.3	-14	NNW	5	z	23	75	5	1	1	-	0	10	-	3	*	bm,cmf	So.S.	So.S.	So.S.	
	Lymington	1010.0	-26	NNW	5	is	27	85	5	6	3	7-8	9	1500	1003.1	-12	NNW	4	st	27	32	3	6	-	-	10	10	450	3	sg	cs,smis	cmf,ss	sh	of,ss	
	Manston	1009.7	-22	NW	6	so,so	27	97	4	6	-	-	10	94	1007.8	-10	N	5	is	25	37	4	6	-	-	10	10	450	9	*	cs,smis	bm,so	ss	is,so	
2	Shoeburyness ...	1011.8	-18	NNW	4	c/s	28	85	7	5	7	-	2-3	10	1003.7	-6	NNW	4	So.S.	28	32	6	6	1	-	3	10	800	8	*	bc,ss	cm,so	ss	is,so	
	Felixstowe	1009.3	-22	NW	4	c/s	29	92	5	5	-	-	9	10	1007.6	-4	N	3	is	30	32	6	6	7	-	3	10	800	8	2	cs,sm	bm,so	ss	is,so	
	Gorleston	1009.8	-16	N	6	c/p	32	85	6	8	-	-	10	10	1500	1008.6	-4	N	7	c/p	32	92	7	8	-	-	10	10	2500	8	3	cs,sm	bm,so	ss	is,so
	Mildenhall	1012.4	-22	NNW	4	ss	24	92	3	-	2	-	10	10	800	1010.1	-8	NNW	3	c/p	28	*	4	2	-	-	10	10	800	8	*	bm,cmf	ss	is,so	is,so
	Cranwell	1014.8	-26	NW	5	So.S.	25	97	5	6	-	-	10	10	800	1012.5	-18	NNW	3	cf	28	37	3	6	1	-	7-8	3	450	8	*	bm,cmf	ss	is,so	is,so
3	Birmingham	1017.3	-16	NNW	4	bc	24	65	4	-	5	5	0	2-3	-	1015.0	-14	NNW	4	m	25	55	4	1	-	0	10	-	8	*	bm,cmf	ss	is,so	is,so	
	Upper Heyford	1016.0	-22	NW	4	m	25	65	4	-	3	5	0	2-3	-	1013.5	-14	NW	3	sf	24	85	3	-	2	-	10	10	800	4	*	bm	cmf	ss	is,so
4	Ross-on-Wye ...	1018.0	-26	-	0	m	18	75	4	-	-	-	0	0	-	1015.6	-10	SW	1	z	22	65	6	-	1	8	0	9	-	8	*	bm	cmf	ss	is,so
5	Hartland Point	1017.2	-6	NE	3	b	26	65	8	2	-	-	10	2500	1015.5	-8	NNE	2	b	27	65	5	-	-	-	0	0	-	4	*	bm	cmf	ss	is,so	
	Bristol ...	1018.4	-18	-	0	bft	22	75	3	-	-	-	0	0	-	1015.4	-14	NNW	1	z	21	65	5	-	7	0	10	-	8	*	bm,cmf	ss	is,so	is,so	
	Portland Bill ...	1015.7	-20	NE	3	bc	28	92	8	5	-	-	2-3	2-3	1000	1012.9	-12	NE	3	bc	27	92	7	1	-	-	4-6	4-6	4000	1	3	bc	cmf	ss	is,so
	Plymouth ...	1017.0	-12	E/N	3	b	31	55	9	-	-	-	0	0	-	1016.1	-4	NNW	3	z	27	65	5	-	-	0	0	-	3	1	bc	cmf	ss	is,so	
	The Lizard ...	1015.6	-6	E	3	bc	39	55	8	6	-	-	4-6	4-6	2500	1016.0	-4	NNE	3	bc	28	55	8	1	-	2-3	2-3	2500	3	0	bc	cmf	ss	is,so	
	Soilly (St. Mary's)	1015.9	-2	E/N	3	c	35	65	8	6	-	-	7-8	9	2500	1015.8	-2	NNE	4	bc	33	65	8	4	-	2-3	2-3	1500	8	3	bc	cmf	ss	is,so	
	Guernsey ...	1015.3	-16	NNE	3	c	32	92	8	8	-	-	9	9	2500	1012.9	-12	N	2	bc	32	85	7	2	7	-	2-3	4-6	2500	4	3	c	cmf	ss	is,so
6	Pembroke ...	1018.6	-6	E/N	2	bc	29	85	7	5	-	-	2-3	2-3	2500	1016.9	-4	NEN	3	b	28	85	8	5	-	0	1	2500	3	2	bc,cm	bm,so	ss	is,so	
7	Holyhead ...	1019.3	-3	E/N	3	b	31	85	6	-	-	-	0	0	-	1018.3	-6	N	5	b	35	75	7	4	1	1	1	4000	8	3	bm,cm	bm,so	ss	is,so	
	Chester (Sealand)	1019.3	-18	WNW	2	z	25	85	5	-	-	-	0	0	-	1017.4	-10	NW	3	m	25	85	4	-	6	0	9	-	4	*	bm,cmf	ss	is,so	is,so	
8	Manchester ...	1018.7	-22	NNW	7	bef	16	92	3	-	-	2	0	4-6	-	1016.4	-8	NW	2	m	23	65	4	-	3	-	0	0	-	8	*	bff	cmf	ss	is,so
10	Spurn Head ...	1012.9	-10	NNE	5	z/s	32	92	6	9	3	-	7-8	9	2200	1011.2	-6	NE	5	ss	31	97	1	-	-	-	10	10	1150	7	4	cg,ss	bm,so	ss	is,so
	Catterick ...	1017.2	-22	NNW	3	bc	29	65	7	5	3	5	2-3	4-6	5700	1015.9	-2	NW	4	ss	33	85	4	3	-	-	10	10	1500	8	3	bm,cmf	bm,so	ss	is,so
	Tynemouth ...	1019.2	-20	NW	4	z	23	85	5	8	3	1	2-3	4-6	2500	1016.7	-10	NE	5	c/p	33	97	5	9	-	-	3	10	1500	4	3	bm,cm	bm,so	ss	is,so
11	St. Abbs Head	1018.3	-8	NW	2	z	31	85	7	7	6	-	4-6	9	1500	1018.0	-6	N	5	c	34	85	8	1	-	-	4-6	7-8	1500	4	2	bc	cmf	ss	is,so
	Leuchars ...	1021.3	-10	-	0	z	25	85	5	-	-	-	0	0	-	1020.5	-6	NNW	3	z	27	85	5	-	5	-	0	2-3	-	8	*	bm,cmf	bm,so	ss	is,so
12	Renfrew (Abbots L.)	1021.8	-14	-	0	bft	17	97	3	-	-	-	0	0	-	1021.6	0	-	0	27	85	2	-	-	-	0	0	-	-	8	*	bff	cmf	ss	is,so
	Eskdalemuir ...	1020.8	-10	NNW	1	c	22	75	7	5	-	-	7-8	7-8	2500	1019.6	-2	NW	2	bc	22	85	6	-	7	-	0	4-6	-	9	*	bc	cmf	ss	is,so
	Point of Ayre ...	1020.4	-4	NE	3	b	29	97	7	-	-	5	0	0	-	1019.6	-4	NNE	3	b	31	85	7	5	-	1	1	2500	8	2	b	cmf	ss	is,so	
13A	Tiree ...	1021.0	0	E/N	2	b	34	85	6	-	-	-	0	0	-	1021.2	0	E	1	b	31	85	6	4	-	0	0	-	5	2	bz	cmf	ss	is,so	
13B	Stornoway ...	1022.0	-6	-	0	c	32	97	6	5	7	-	4-6	7-8	2500	1022.0	-2	W	2	c	28	85	6	5	7	-	4-6	7-8	2500	7	1	bcc	cmf	ss	is,so
15	Dalwhinnie ...	1021.3	-4	SE	1	F	11	97	1	-	-	-	0	0	-	*	0	-	0	4	8	8	-	-	1	0	1	-	7	1	F	cmf	ss	is,so	
	Aberdeen ...	1021.3	-12	WNW	3	b	22	85	4	-	-	1	0	0	-	1020.4	-10	NNW	3	b	24	85	6	-	-	1	0	0	-	8	2	bx	cmf	ss	is,so
	Wick ...	1021.6	-4	SW	2	bc	16	85	6	5	1	-	2-3	4-6	1500	1020.9	-4	WSW	2	c	22	85	6	5	7	8	4-6	7-8	1500	9	1	bm,cm	bm,so	ss	is,so
16	Lerwick...	1021.5	-10	WSW	4	c	35	75	7	8	7	-	4-6	7-8	1500	1020.7	-4	SE	2	c	34	85	7	8	7	-	4-6	7-8	800	8	*	c	cmf	ss	is,so
17	Blacksod Point...	1020.5	+12	E	3	b	35	85	8	-	-	-	0	0	-	1022.5	+18	-	0	b	28	97	7	-	-	0	0	-	8	2	b	cmf	ss	is,so	
18	Malin Head ...	1021.1	+2	SW	1	bc	30	65	8	2	-	-	2-3	2-3	5700	1022.0	+6	3	1	c	27	85	7	8	-	-	7-8	7-8	5700	8	*	bc	cmf	ss	is,so
	Aldergrove ...	1020.8	-6	-	0	z	33	85	5	5	-	-	0	0	-	1021.2	+2	NNW	2	m	23	85	4	5	-	-	4-6	4-6	2500	8	*	ss,so	bm	cmf	ss
19	Birr Castle ...	1019.6	0	SE	1	bc	38	85	7	-	-	-	0	0	-	1021.3	*	N	1	b	29	97	7	-	-	0	0	-	3	2	by	cmf	ss	is,so	
20</																																			

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd January, 1940.
1 S.E. England	Wind north moderate, becoming light, finally southwest; dull; occasional slight snow; bright periods tomorrow; temperatures mainly rather below freezing point.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Wind becoming light and variable, then freshening from southwest; mainly fair apart from a few light snow showers; becoming cloudy or dull with some snow tomorrow; cold with continuous frost except on the coast, but much less severe than of late.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	As 15 - 16.
12 S.W. Scotland & Isle of Man.	As 4 - 10.
13 { A.W. Scotld. B.N.W. Scot- land.	Wind variable light, becoming southerly freshening; cloudy; occasional snow, probably rain tomorrow; becoming slowly milder.
14 Mid Scotland	
15 N. E. Scotland	Wind becoming southwest, slowly freshening; mainly fair today, then cloudy, occasional snow; cold, frosty, but temperature beginning to rise.
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind southwest to south, becoming fresh, possibly strong tomorrow; cloud increasing; snow spreading from west and turning to rain; becoming milder.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is low over Central and Southern Europe. A ridge of high pressure extends to Ireland from an anticyclone near the Azores but is expected to give way with the advance of a depression on the Atlantic. Over most of England weather will be dull today with occasional snow and temperatures rather below freezing point, followed by a short fair interval. Snow, turning later to rain, will set in in Ireland and spread northeastwards with rising temperatures.

FURTHER OUTLOOK.

Thaw conditions are expected to spread from the west, following some snow in Midland and eastern districts.

Forecasts issued at 1030.

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

4474/3806, W. 8109, D 4626, Sp 548, 1/40.

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

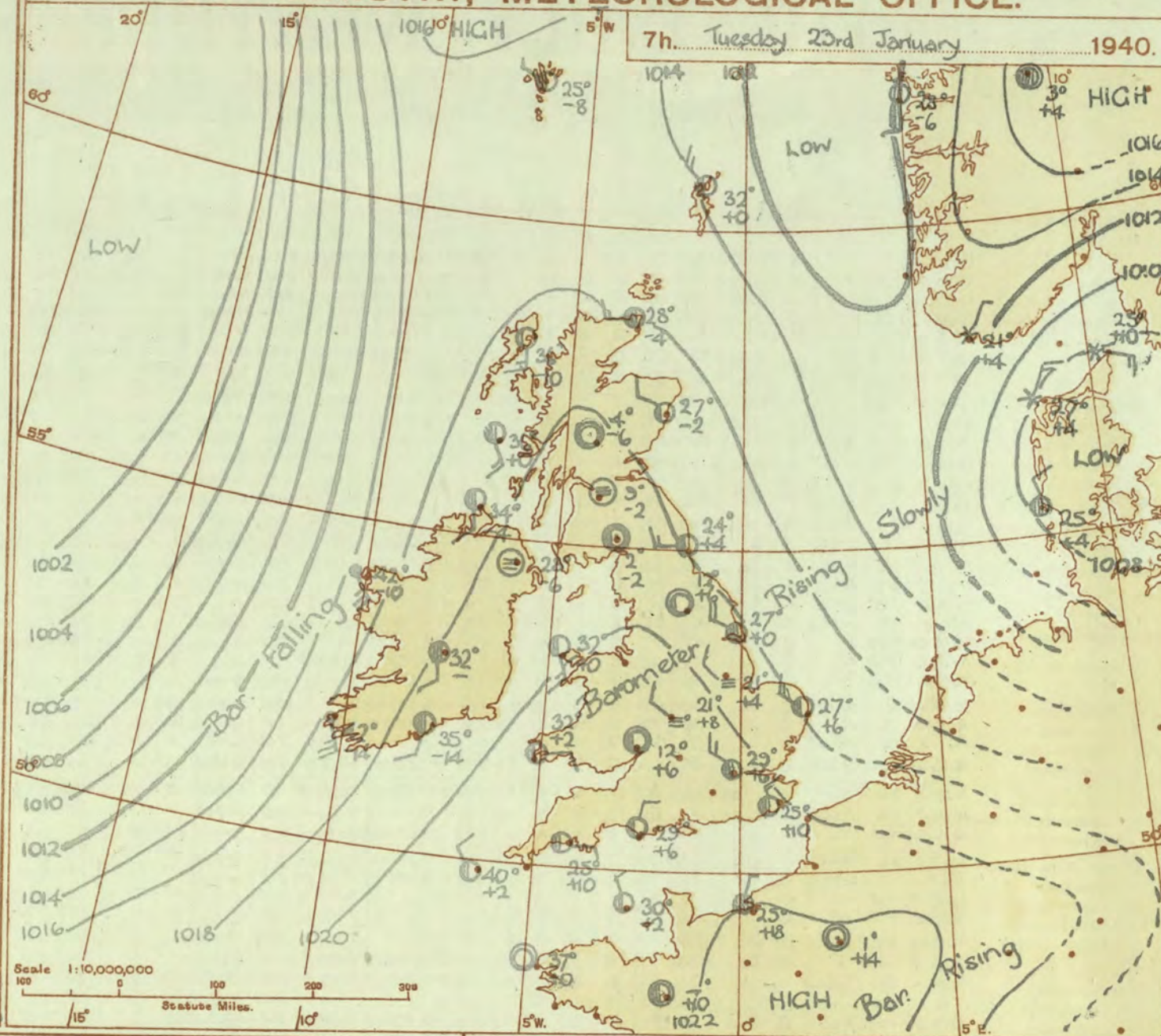
OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Monday 22nd January 1940.
 No 28550.

OBSERVATIONS at 1 hr. G.M.T. 22nd January														OBSERVATIONS at 7 hr. G.M.T. 22nd January														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)	Visiblity. (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visiblity. (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.		RAINFALL.		Sun-shine 24 Hrs. (36)						
					Direc. (3)	Force. (4)					Form. (10)	Amount. (11)	Height of Base. (feet) (12)	Direc. (17)			Force. (18)	Form. (23)					Amount. (24)	Height of Base. (feet) (25)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)								
																																Low. (9)		Med. (10)	High (11)	Low (13)	Total (14)	Low (19)	Med. (20)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1009.8	+8	NW	4	c	33	85	7	5	-	-	10	10	1500	8	*	30	28	27	0.4	0.5					
	Croydon	217	1009.5	-2	NNW	3	is.	30	92	6	5	-	-	9	10	800	1009.7	+2	NNW	3	z.	32	92	5	5	-	-	9	10	1500	8	*	28	28	27	Tr	1	0.0	
	S. Farnborough	226	1010.0	-6	NW	3	is.	29	92	4	5	-	-	10	10	800	1010.7	+6	NNW	4	SoSo	32	92	5	5	-	-	10	10	1500	8	*	30	27	26	Tr	0.2	3.1	
	Boscombe Down	417	1011.0	-10	NNW	4	z.	25	92	5	5	-	-	9	9	2500	1012.0	+10	NW	4	is.	29	92	5	5	-	-	10	10	1500	4	*	28	22	21	Tr	6.2		
	Calshot (Stmntn.)	8	1010.2	-10	NNW	4	m	29	85	4	5	-	-	10	10	1500	1010.9	+10	NW	4	SoSo	32	85	6	5	-	-	10	10	1500	4	3	31	27	26	Tr	6.2		
	Lympe	346	1008.7	+4	N/E	3	C/S	29	85	7	5	-	-	10	10	1500	1007.9	-4	NW	4	SoSo	30	92	5	6	-	-	10	10	800	9	3	27	27	2.5	0.2	0.0		
	Manston	154	*	*	*	*	*	*	*	*	*	*	*	1006.8	+2	NNE	6	SoSo	31	97	4	6	-	-	10	10	450	9	*	25	27	23	0.4	3	0.0				
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1008.7	+4	NW	3	is.	32	82	7	5	-	-	10	10	2500	8	*	29	27	25	6	0.1	0.0				
	Felixstowe	15	1006.5	-6	NE/N	3	ps	30	92	6	8	-	-	10	10	2500	1006.3	+6	N	3	C/ps	31	85	5	8	-	-	10	10	2500	8	3	30	28	23	2	2	0.0	
	Gorleston	5	1007.7	-4	W/S	1	C/ps	30	85	6	8	-	-	10	10	1500	1007.5	+16	NNE	6	C/S	33	85	7	8	-	-	10	10	1500	8	7	32	30	28	0.4	1	*	
	Mildenhall	19	1008.8	-6	NNW	2	SoSo	30	92	6	5	-	-	10	10	800	1009.5	+6	N	4	C/r	32	85	7	5	-	-	10	10	1500	8	*	25	25	19	*	0.0		
	Cranwell	240	1011.2	-2	NNW	3	z.	31	97	5	5	-	-	10	10	800	1012.1	+10	N/E	4	SoSo	31	97	4	6	-	-	10	10	800	8	*	28	27	10	*	0.0		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1013.9	+6	NNW	4	c	27	92	5	5	-	-	10	10	800	8	*	25	24	23	Tr	Tr	3.9				
	Upper Heyford	408	1011.5	-4	NNE	3	sf	28	92	3	2	-	-	10	10	800	1012.2	+10	NE	3	SoSo	30	92	5	5	-	-	10	10	450	8	*	27	23	20	Tr	1	*	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1014.5	+6	N	3	b	29	85	5	5	-	-	1	1	1500	8	*	22	21	15	-	-	6.5				
5	Hartland Point	299	1014.9	-8	NNE	4	c	34	75	8	-	-	-	0	7.8	5700	1014.6	+4	NNE	4	bc	36	65	8	8	-	-	4.6	4.6	2500	4	3	31	26	24	-	7.8		
	Bristol	209	1013.5	-6	N	3	bc/s	29	85	6	-	-	-	0	4.6	-	1014.2	+8	NNE	4	is.	30	85	5	5	-	-	10	10	2500	8	*	24	21	15	-	0.2	3.2	
	Portland Bill	32	1009.5	-8	N	4	bc	30	92	7	-	-	-	4.6	4.6	4000	1011.8	+14	N	4	c	32	92	7	5	-	-	10	10	4000	1	3	36	30	*	-	*		
	Plymouth	82	1014.5	-6	NW	4	c	29	65	7	-	-	-	0	10	-	1014.6	+2	N	5	c	33	75	7	5	-	-	8	2.3	7.8	4000	3	2	33	25	19	-	Tr	6.3
	The Lizard	240	1015.3	-2	NNW	3	bc	31	85	8	-	-	-	2.3	2.3	2500	1015.3	+2	ENE	4	bc	33	85	8	8	-	-	4.6	4.6	2500	3	1	40	26	*	-	4.7		
	Scilly (St. Mary's)	163	1015.9	-4	NNE	5	bc	38	65	8	-	-	-	4.6	4.6	2500	1016.0	+2	N	7	C/r	39	75	7	8	-	-	7.8	9	1500	4	4	35	32	*	0.6	1.1		
	Guernsey	175	1010.7	-6	NNE	6	is.	34	75	7	8	-	-	-	9	800	1010.8	+10	NNE	5	S	35	75	6	8	-	-	10	10	800	4	4	34	32	25	-	Tr	1.8	
6	Pembroke	142	1016.1	-4	NE	4	bc	33	92	7	5	-	-	2.3	2.3	2500	1016.5	0	NE/N	4	bc	35	65	8	5	-	-	1	2.3	2500	3	2	31	21	*	-	6.3		
7	Holyhead	28	1017.5	-4	N	5	bc	35	75	7	-	-	-	4.6	4.6	2500	1017.5	+4	N	5	b	37	75	7	7	-	-	1	1	2500	8	3	36	34	30	-	6.6		
	Chester (Sealand)	16	1015.6	-12	NW	4	z.	29	92	6	-	-	-	0	2.3	-	1016.1	+4	NW	4	z.	30	92	5	5	-	-	0	1	-	5	*	23	25	22	-	4.7		
8	Manchester	70	1015.0	-2	NNW	4	z.	30	75	6	5	-	-	2.3	2.3	4000	1015.6	+6	NW	3	z.	29	97	5	5	-	-	Tr	1	4000	8	*	25	28	21	-	0.0		
10	Spurn Head	29	1010.0	-2	NE/N	4	C/ps	33	85	6	9	2	-	4.6	10	220	1011.3	+8	NE/N	4	ss	32	85	6	5	-	-	10	10	220	7	4	34	31	*	6	5	0.0	
	Catterick	175	1014.7	0	NNW	3	is.	31	85	6	5	-	-	9	9	1500	1014.8	+2	NNW	3	ps	30	85	6	8	-	-	10	10	1500	9	*	39	27	*	0.3	4	*	
	Tynemouth	108	1015.9	0	NNE	6	c	36	85	7	2	-	-	7.8	7.8	2500	1015.7	+2	N	4	C/ps	35	97	6	9	-	-	7.8	7.8	1500	6	4	33	33	30	-	3	*	
11	St. Abbs Head	280	1016.8	-2	NNW	5	c	35	85	7	3	2	-	7.8	10	2500	1016.3	0	NNW	4	bc	31	75	7	4	-	-	4.6	4.6	2500	4	2	34	30	*	-	*	*	
	Leuchars	38	1018.5	-8	NW	3	b	26	85	8	-	-	-	0	0	-	1017.3	-6	NNW	2	b	25	85	7	-	-	0	0	-	8	*	27	24	19	-	-	2.2		
12	Renfrew (Abbots L.)	19	1020.6	-6	-	0	F	10	92	0	-	-	-	10	10	450	1019.8	-2	-	0	F	12	97	1	-	-	10	10	450	8	*	17	0	7	-	-	0.8		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.7	-4	-	0	F	24	75	6	-	-	0	0	-	9	*	25	19	10	-	-	5.9		
	Point of Ayre	30	1018.6	-2	NNE	4	c	33	97	7	-	-	-	0	0	-	1018.0	-2	NNE	4	b	34	75	7	-	-	0	0	-	8	2	32	31	*	-	-	5.5		
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1018.1	-8	SESE	1	SoSo	32	97	6	-	-	2	-	10	10	800	8	2	34	27	*	-	-	3.1			
13B	Stornoway	80	1020.2	-10	NW	2	c	28	97	6	5	7	7	4.6	10	4000	1019.1	-6	-	0	c	34	75	6	5	-	-	7.8	10	4000	7	0	32	28	*	-	2.1		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1020.0	-13	-	0	b	9	97	7	4	-	-	1	1	2500	8	*	1	53	12	-	-	0.0				
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1016.6	-8	NNW	4	b	28	85	6	5	-	-	1	1	2500	8	2	25	23	22	-	-	2.7				
	Wick	81	1019.1	-10	W	3	bc	21	97	6	5	4	-	2.3	2.3	2500	1017.7	-26	W	3	bc	24	97	7	5	-	-	2.3	2.3	2500	9	1	22	20	*	Tr	*		
16	Lerwick	156	1018.8	-14	N/E	3	bc	31	85	7	5	-	-	4.6	4.6	1500	1017.2	-10	SW	2	bc	31	85	7	5	-	-	4.6	4.6	1500	8	*	39	30	*	-	1.9		
17	Blacksod Point	18	1023.2	0	-	0	b	28	97	7	-	-	-	0	0	-	1020.9	-16	W	2	c	39	85	7	-	-	0	10	-	8	2	38	23	*	-	*	*		
18	Malin Head	84	1020.5	-6	S	1	bc	32	85	7	4	5	-	4.6	4.6	4000	1018.2	-10	W	3	phr	37	85	6	8	-	-	9	9	4000	6	3	31	24	*	-	1	6.0	
	Aldergrove	268	1020.6	-6	-	0	m	22	97	4	-	-	-	0	0	-	1019.8	-6	-	0	f	25	97	2	-	-	10	10	450	8	*	33	18	10	Tr	-	3.4.		

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd January 1940.
1 S.E. England	Wind variable light, becoming southwesterly, moderate; fine to-day; cloud increasing, some snow turning to rain during tonight and to-morrow; fog and mist tomorrow; cold to-day, then thaw conditions spreading from the west.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind becoming southerly, freshening, perhaps strong on the coast to-morrow; cloud increasing; snow and sleet turning to rain spreading from the west by evening, with fog and mist; temperature rising, thaw conditions by to-morrow.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Wind westerly light, backing south, freshening; fine early apart from local fog; then dull with snow, sleet and rain; frosty to-day, becoming milder to-morrow.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scot- land.	As 4 - 9.
14 Mid Scotland	Wind variable, light, freshening from southeast; mainly fair to-day; dull, with sleet and rain to-morrow; cold to-day then milder
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind southerly, increasing fresh to strong at times on the west and south coasts; becoming dull and misty; rain with snow locally at first spreading from the west; becoming much milder.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A belt of high pressure extends from southeast of the Azores across to France. An associated ridge of high pressure over the British Isles is moving east and will tend to give way with the eastward advance of a depression south of Iceland. In the southeastern half of the country the day will be fair or fine and cold. Rain will spread eastwards from West Ireland to reach the Southeast during to-night and will probably be preceded by some snow in places. Conditions will gradually become much milder.

FURTHER OUTLOOK.

Unsettled and rather mild.

Forecasts issued at 1100 G.M.T.

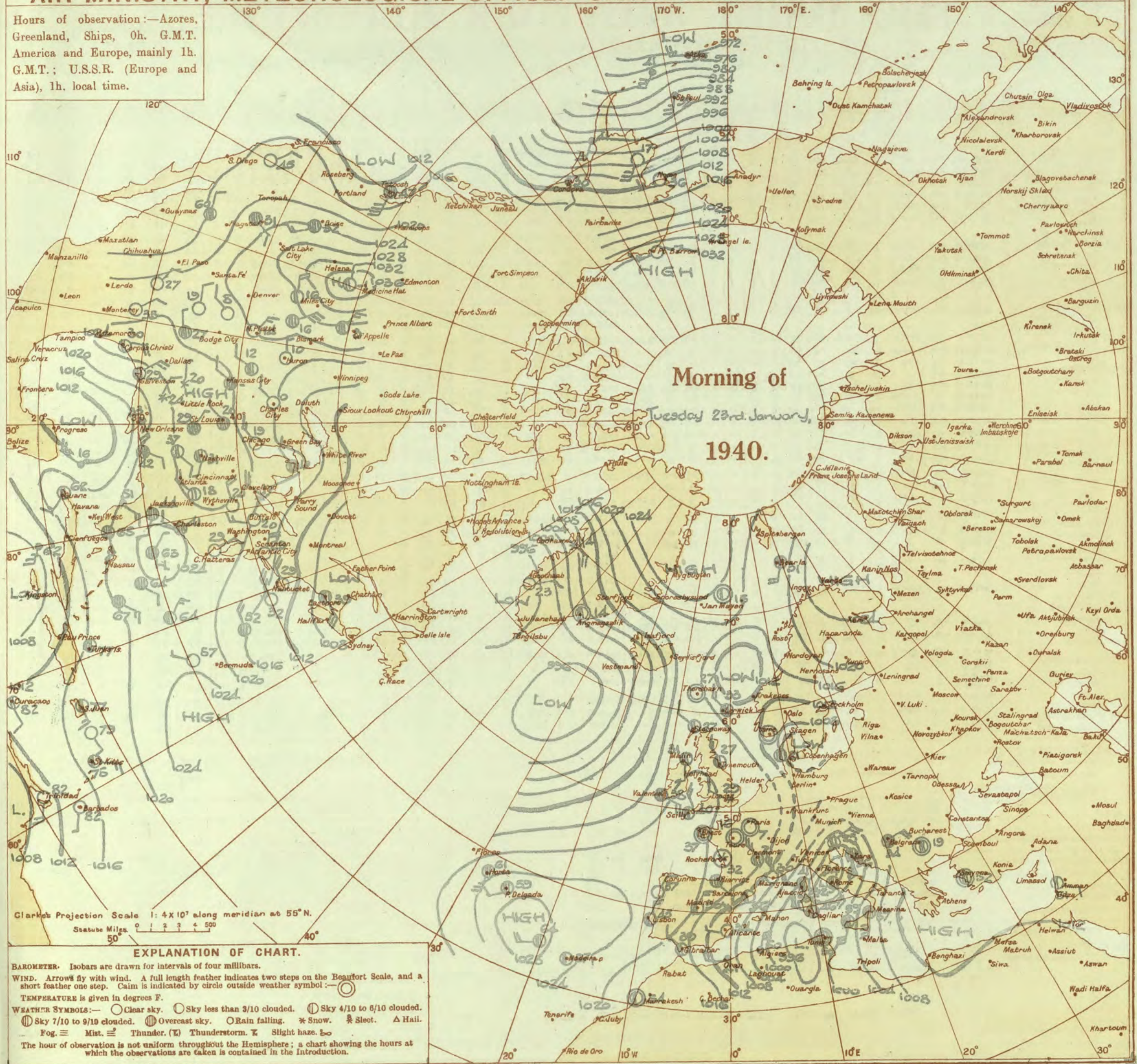
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

8.474/3908. P. 8/109. D. 4626. 6p. 548. 1/40.

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

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Tuesday 23rd January, 1940.
 No. 29,551

OBSERVATIONS at 1 hr. G.M.T. 23rd January.														OBSERVATIONS at 7 hr. G.M.T. 23rd January.														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. %	Visib. 0-9	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.					Sea. 0-9	TEMPERATURE.					RAINFALL.		Sun-shine 22nd Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.	Force.			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		0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday 24th January 1940.
No. 28,552

OBSERVATIONS at 13h. G.M.T. 23rd January														OBSERVATIONS at 18h. G.M.T. 23rd January														PAST 24 HOURS.																	
DISTRICT.	STATIONS.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																	
										Form.			Amount. 0-10 (12)									Height of Base. (feet) (14)	Form.					Amount. 0-10 (26)	Height of Base. (feet) (28)	17h-18h. 23rd (37)				18h-19h. 23rd (38)				19h-20h. 23rd (39)				20h-21h. 23rd (40)			
										Low. (9)	Med. (10)	High. (11)											Low. (23)	Med. (24)	High. (25)					Low. (26)	Med. (27)	High. (28)	7h-15h. 23rd (37)	15h-18h. 23rd (38)	18h-20h. 23rd (39)	20h-21h. 23rd (40)									
1	London (Kew)...	1022.8	+4	WSW	1	bef	31	25	3	-	-	6	0	4.6	-	1024.3	+10	SSW	2	m	27	32	4	-	-	0	0	-	8	*	Sbctfx	befcmx	bmfxx	bbsfx											
	Croydon ...	1022.9	+10	-	0	bf	30	32	3	-	-	0	0	-	1024.3	+10	S	3	bctf	27	32	3	-	-	0	2.3	-	6	*	Cm. of	befcmx	befcmx	bbsfx												
	S. Farnborough	1022.9	0	-	0	z	36	35	5	-	-	1	0	2.3	-	1024.7	+10	SW	2	z	27	35	5	-	0	2.3	-	4	*	omfocbz	bzobcbx	bmo	bbsfx												
	Boscombe Down	1022.9	0	lo	1	z	35	35	5	-	-	9	0	4.6	-	1024.1	+10	SE	2	z	29	35	5	-	0	3.4	-	3	*	bmx	bmo	bbsfx	bbsfx												
	Calshot (Soton.)	1022.8	+2	NW	1	bef	32	75	3	-	-	6	0	4.6	-	1024.0	+2	SW	1	m	28	35	4	-	0	4.6	-	1	*	bfbmx	bfbmx	bbsfx	bbsfx												
	Lymington	1022.6	+6	NW	2	z	30	75	5	-	-	0	0	-	1025.7	+6	WSW	1	z	26	35	5	-	0	0	0	-	9	*	bfbmx	bbsfx	bbsfx	bbsfx												
	Manston	1022.6	+6	NW	2	z	28	32	5	-	-	0	0	-	1024.2	+10	W	3	m	22	32	4	-	-	0	1	-	8	*	Cm. of	bbsfx	bbsfx	bbsfx												
2	Shoeburyness ...	1022.4	0	WNW	2	b	32	35	5	-	-	0	0	-	1023.9	+14	NW	1	bctf	26	32	2	-	-	0	2.3	-	8	*	Cm. of	bbsfx	bbsfx	bbsfx												
	Felixstowe	1020.2	+10	WNW	3	z	30	35	5	-	-	0	0	-	1021.5	+8	W	3	bctf	27	35	5	-	-	0	0	-	8	*	bbsfx	bbsfx	bbsfx	bbsfx												
	Gorleston	1020.5	+10	WNW	3	bc	31	78	4	5	3	-	2.3	4.6	2500	1022.3	+8	W	3	b	26	75	5	-	-	0	0	-	8	*	bbsfx	bbsfx	bbsfx	bbsfx											
	Mildenhall	1021.6	+2	SW	2	m	30	35	4	5	3	1	0	4.6	-	1023.3	+14	SW	3	m	23	32	4	5	-	1	1	4000	8	*	bbsfx	bbsfx	bbsfx	bbsfx											
	Cranwell	1020.0	+2	lo	1	m	30	35	4	5	3	1	0	4.6	-	1022.0	+10	WSW	2	bctf	24	32	4	5	-	0	4.6	-	8	*	bbsfx	bbsfx	bbsfx	bbsfx											
3	Birmingham	1021.7	0	WSW	3	bc	33	35	5	-	-	1	0	4.6	-	1022.8	+4	SW	2	bc	29	35	6	-	3	-	0	2.3	-	8	*	bbsfx	bbsfx	bbsfx	bbsfx										
	Upper Heyford	1022.6	-2	SSW	1	m	35	65	4	-	-	5	0	4.6	-	1023.8	+8	SSW	1	z	26	35	5	-	3	-	0	9	-	4	*	bbsfx	bbsfx	bbsfx	bbsfx										
4	Ross-on-Wye ...	1022.2	0	NW	1	m	27	32	4	-	-	1	0	4.6	-	1022.7	+4	SW	1	cf	26	35	3	5	-	0	9	4000	8	*	bbsfx	bbsfx	bbsfx	bbsfx											
5	Hartland Point	1021.4	-4	SE	3	bc	35	75	8	4	4	-	2.3	4.6	2500	1021.3	0	S	3	bc	33	35	8	5	4	-	2.3	4.6	2500	4	2	bc	bbsfx	bbsfx	bbsfx										
	Bristol ...	1023.3	-2	SE	1	bc	36	35	5	-	-	2	0	2.3	-	1023.6	+6	S	1	c	20	75	6	-	3	-	0	7.8	-	8	*	bbsfx	bbsfx	bbsfx	bbsfx										
	Portland Bill	1023.1	+12	m	1	bc	38	32	7	1	-	-	4.6	4.6	2500	1024.3	+12	SW	2	bctf	36	32	7	5	-	-	4.6	4.6	4000	1	2	bc	bbsfx	bbsfx	bbsfx										
	Plymouth	1023.0	+2	E	1	bc	39	45	8	6	6	0	4.6	-	1022.7	-2	SNE	2	bc	35	75	6	2	4	-	-	2.3	2.3	4000	1	1	bmo	bbsfx	bbsfx	bbsfx										
	The Lizard	1021.6	0	S	2	bc	42	65	8	8	6	-	4.6	4.6	2500	1022.0	-4	SE	2	bc	41	65	8	8	-	-	4.6	4.6	2500	1	2	bc	bbsfx	bbsfx	bbsfx										
	Soilly (St. Mary's)	1021.4	-6	S	3	c	46	55	8	1	3	3	4.6	10	2500	1020.6	-2	S	4	44	65	8	1	7	-	-	4.6	10	2500	1	2	bbsfx	bbsfx	bbsfx	bbsfx										
	Guernsey	1022.5	+2	-	0	bc	39	65	7	1	7	8	2.3	4.6	2500	1023.8	+10	-	0	31	35	6	-	7	1	0	2.3	-	3	2	bbsfx	bbsfx	bbsfx	bbsfx											
6	Pembroke	1020.7	-4	SSE	4	c	40	35	8	5	6	-	4.6	9	2500	1020.3	-2	SW	5	cq	43	35	7	8	-	-	9	9	2500	1	2	bbsfx	bbsfx	bbsfx	bbsfx										
7	Holyhead	1019.9	-4	S	4	c	38	35	7	5	3	3	4.6	9	2500	1019.3	-6	SSE	4	c	38	35	7	6	3	-	-	4.6	9	1500	2	2	bbsfx	bbsfx	bbsfx	bbsfx									
	Chester (Sealand)	1021.2	-2	SE	1	z	33	75	5	5	3	2	4.6	9	6700	1021.0	0	SE	1	z	31	35	5	5	-	-	9	9	4000	4	*	bbsfx	bbsfx	bbsfx	bbsfx										
8	Manchester	1021.3	-8	SE	1	z	24	32	2	-	3	2	0	7.8	-	1021.3	0	SE	1	m	29	32	4	5	3	-	-	9	9	4000	6	*	OFF	bbsfx	bbsfx	bbsfx									
10	Spurn Head	1020.2	+8	WNW	3	c	32	75	5	-	-	6	0	7.8	-	1021.2	+8	WNW	1	bf	28	32	3	-	-	-	0	-	9	1	c	bbsfx	bbsfx	bbsfx	bbsfx										
	Catterick	1019.7	-10	SSW	2	z	27	75	5	5	-	5	1	4.6	2500	1019.6	-6	SW	1	z	23	35	5	-	7	-	-	4.6	-	9	2	bbsfx	bbsfx	bbsfx	bbsfx										
	Tynemouth	1019.1	0	lo	3	m	36	35	4	5	4	-	2.3	4.6	2500	1019.1	-6	SW	2	bctf	31	35	3	5	-	-	-	4.6	4.6	1500	6	2	bbsfx	bbsfx	bbsfx	bbsfx									
11	St. Abbs Head	1017.3	0	SW	2	c	32	75	8	4	4	9	4.6	7.8	2500	1016.3	-10	SW	2	c	33	35	8	4	6	-	-	7.8	9	2500	4	2	bbsfx	bbsfx	bbsfx	bbsfx									
	Leuchars	1017.8	-6	lo	2	z	27	35	5	-	7	1	0	7.8	-	1016.5	-6	W	1	z	31	35	5	5	7	-	-	4.6	9	4000	8	*	bbsfx	bbsfx	bbsfx	bbsfx									
12	Roufrew (Abbots L.)	1018.8	-10	-	0	F	17	32	1	-	-	-	10	10	4150	1017.3	-8	-	0	F	23	37	1	-	-	-	10	10	4150	8	*	OFF	bbsfx	bbsfx	bbsfx	bbsfx									
	Eskdalemuir	1019.6	-6	-	0	0	18	37	6	5	-	-	10	10	800	1018.5	-6	-	0	0	27	37	5	5	-	-	10	10	4150	9	*	bbsfx	bbsfx	bbsfx	bbsfx										
	Point of Ayre	1019.0	-2	SW	2	c	37	35	8	8	7	6	4.6	10	1500	1018.1	-2	SSW	2	c	38	35	8	5	3	-	-	9	9	2500	6	1	c	bbsfx	bbsfx	bbsfx	bbsfx								
13A	Tiree ...	1014.7	-2	SSW	3	c	38	35	7	5	2	-	4.6	9	2500	1009.8	-14	S	7	to	41	35	7	5	2	-	-	7.8	10	1500	4	4	bbsfx	bbsfx	bbsfx	bbsfx									
13B	Stornoway	1013.5	-20	SSE	6	p	40	35	7	5	2	-	7.8	10	2500	1016.4	-8	S	3	0	32	32	7	5	-	-	-	10	10	2500	8	*	bbsfx	bbsfx	bbsfx	bbsfx									
15	Dalwhinnie	-	-10	-	0	p	20	37	5	5	-	-	10	10	400	1015.6	-10	SSW	1	c	27	35	5	-	7	-	-	0	3.4	-	8	1	bbsfx	bbsfx	bbsfx	bbsfx									
	Aberdeen	1016.5	+4	WS	1	bc	29	65	6	5	3	6	Tr	2.3	2500	1015.6	-10	SSW	3	c	32	35	7	6	1	8	-	7.8	10	1500	9	1	bbsfx	bbsfx	bbsfx	bbsfx									
	Wick ...	1015.2	-4	SW	3	bc	28	37	8	5	6	1	2.3	4.6	2500	1013.4	-12	SSW	3	c	32	35	7	8	3	-	-	4.6	7.8	800	8	*	bbsfx	bbsfx	bbsfx	bbsfx									
16	Lerwick ...	1013.4	-6	NW	3	bc	35	35	8	8	7	-	4.6	4.6	1500	1013.3	-2	N/E	3	c	33	35	7	8	3	-	-	-	-	-	8	*	bbsfx	bbsfx	bbsfx	bbsfx									
17	Blackod Point...	1017.7	-8	SE	5	c	43	35	7	5	-	-	10	10	1500	1009.5	-18	SE/E	5	0	41	37	7	5	-	-	-	10	10	450	1	3	c	bbsfx	bbsfx	bbsfx	bbsfx								
18	Malin Head	1015.9	-4	S/E	4	c	36	75	6	5	-	-	7.8	7.8	4000	1013.1	-16	SW	4	c	38	75	7	5	-	-	-	9	9	4000	6	3	c	bbsfx	bbsfx	bbsfx	bbsfx								
	Aldergrove	1018.4	-4	S	2	c	33	35	7	5	-	-	9	9	6700	1016.3	-10	S/E	4	0	33	75	7	5	-	-	-	10	10	5700	6	*	OFF	bbsfx	bbsfx	bbsfx	bbsfx								
19	Birr Castle	1016.9	-	SSW	2	c	39	35	8	6	1	-	9	10	1500	1014.9	-	S	3	c	40	35	8	6	-	-	-	9	9	1500	1	3	c	bbsfx	bbsfx	bbsfx	bbsfx								
20	Valentia Obay. †	1014.3	-16	S/E	6	to	42	32	6	6	2	-	9	10	1500	1011.7	-18	SSE	6	to	44	32	5	6	2	-	-	7.8	10	800	1	3	c	bbsfx	bbsfx	bbsfx	bbsfx								
	Roches Point	1014.9	-10	SW	4	c	44	75	8	5	7	-	7.8	9	1500	1015.9	-14	SSW	6	to	44	35	7	6	2	-	-	7.8	9	1500	1	4	c	bbsfx	bbsfx	bbsfx	bbsfx								

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220-1100 yds.
F, thick fog „ less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s_o, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s_o/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.

q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere
of dry weather.

h(r), "hail" or "rain and hail."
Capital letters indicate intense;
suffix o indicates slight; repetition
of letters indicates continuity: thus
R, heavy rain. r_o, slight rain.

rr, continuous rain.
<, less than (for cloud height). /gale.
☉ Solar halo. ☾ Lunar halo. ☄ Aurora.

With present weather is combined,
whenever possible, the general
character of the weather.

A "solidus" divides actual exist-
ing weather from preceding con-
ditions thus:—bc/r, fair weather
after rain; —, has decreased;
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

- 0 No low clouds.
- 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.

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.

Columns 13, 27. 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; similarly for other grouped entries.

"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.

"9+" signifies an overcast sky with a few small openings.

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

CLOUD.

- 0 No medium clouds.
- 1 Typical As (thin).
- 2 Typical As (thick) (sun or moon invisible), or Nimbostratus (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: Cirrocumulus,-Cc: Cirrostratus,-Cs: Altocumulus,-Ac: Altostratus,-As:
Stratocumulus,-Sc: Stratus,-St: Nimbostratus,-Ns: Cumulus,-Cu: Cumulonimbus,-Cb.

COLUMN 29 — STATE OF GROUND.

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., but ground frozen.
2 .. " flooded.	9 .. " covered with snow greater than 6 ins. deep.
3 .. " frozen hard and dry.	— .. Fresh snow has fallen in the mountains.
4 .. " partly covered with snow or hail.	
5 .. " covered with ice or glazed frost.	
6 .. " covered with thawing snow.	

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

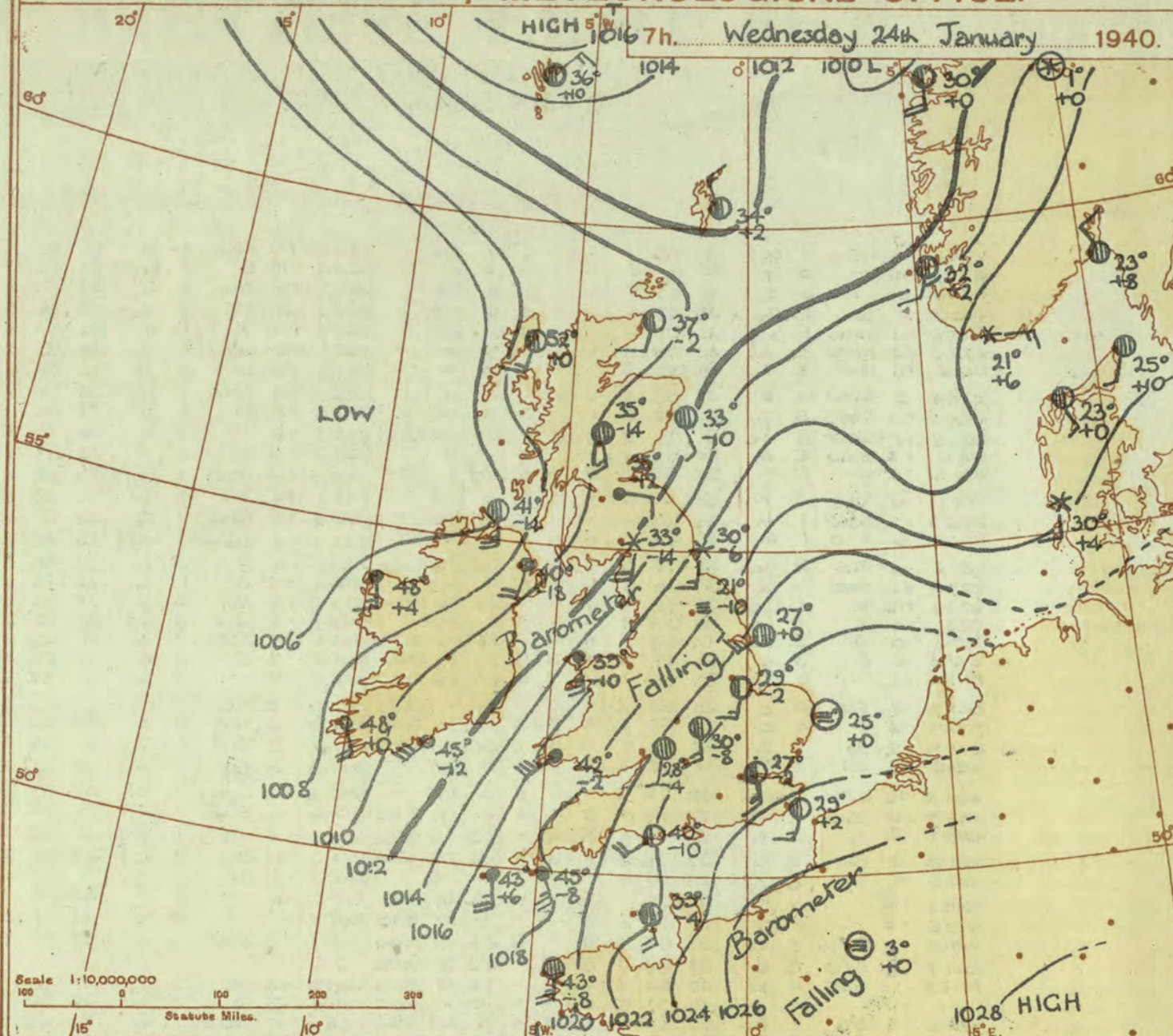
CLOUD.

- 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 Ca covering whole sky.
- 8 Cs not increasing and not covering whole sky.
- 9 C predominating, and a little cirrus.

(C may occur with any of the types 1 to 8).

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th January, 1940.
1 S.E. England	Wind light or moderate south to southwest; mainly cloudy; cold but temperature rising a few degrees above freezing.
2 E. England ...	
3 E. Midlands ...	Wind south, moderate; cloudy, slight snow at first, slight rain later; temperature rising to average for the time of year.
4 W. Midlands ...	
5 S.W. England	Wind south fresh strong locally on coast; cloudy or dull, rain; rather mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Wind south moderate; cloudy; snow at first turning to rain; temperature rising to average for the time of year
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 5 - 7.
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	As 8 - 11.
15 N. E. Scotland	Wind south, light or moderate cloudy, sleet or rain; temperature rising to average for time of year.
16 Orkneys and Shetlands	Wind north to northeast moderate, becoming southeast; cloudy, some sleet or rain later; rather cold but temperature slowly rising.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	Wind south moderate or fresh; cloudy or dull, rain; rather mild.
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large complex depression covering the area between Iceland and the Azores is slowly extending its influence eastward across the British Isles. An anticyclone over France and Central Europe is moving east. Weather will be cloudy or dull with rain spreading to most districts except the extreme East and Southeast of England. It will be mild in the West and temperatures will rise slowly in the East.

FURTHER OUTLOOK.

Rainy and mild in the West and North. Conditions becoming slowly milder in the East.

Forecasts issued at 1115 G.M.T.
N. K. JOHNSON, D.Sc., A.R.C.S., Director.
H.M.S.O. Press, Cornwall House, S.E.1.
2474/3805. No. 8109. D. 4626. 6p. 348. 1/40.

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

Hours of observation:—Azores, Greenland, Ships, 0h, G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday 24th January 1940.
N28,552

OBSERVATIONS at 1 hr. G.M.T. 24th January														OBSERVATIONS at 7 hr. G.M.T. 24th January														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. %	Visiblity.	Cloud.			Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.			State of Ground.	Sea. 0-9	TEMPERATURE.			RAINFALL.			Sun-shine Hrs.				
					Direc.	Force.					Form.	Amount.	Height of Base (feet).			Direc.	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.						
																																Low.		Med.	High.	Low 0-10.	Total 0-10.
1	London (Kew) ... 18		*	*	*	*	*	*	*	*	*	*	1023.3	-2	-	0	bef	22	92	3	5	-	2	3	9.6	1000	8	31	20	7	-	Tr	1.8				
	Croydon ... 217	1023.9	-4	SE	3	20	24	92	5	-	-	0	0	-	1023.3	-2	S	3	20	92	6	-	-	7	0	10	-	8	36	22	19	-	-	0.9			
	S. Farnborough ... 226												1023.1	0	SSE	2	m	25	97	4	-	7	4	0	9	-	4	30	22	14	-	0.1	5.0				
	Boscombe Down ... 417	1023.6	-6	SE'S	2	20	23	97	5	-	-	0	0	-	1021.8	-6	SE'S	3	m	29	92	4	5	7	4	0	4000	3	36	22	15	-	-	4.6			
	Calshot (St. Mary's) ... 8	1023.6	-6	E'S	2	b	31	97	3	-	3	0	Tr	-	1022.9	0	S	2	35	85	5	5	2	2	3	10	2500	0	2	37	29	24	-	-	4.8		
	Lympne ... 346	1025.1	-4	SW	3	b	27	85	7	-	7	0	Tr	-	1024.6	+2	SSW	3	c	29	85	6	-	6	0	9	-	8	32	22	10	-	-	3.6			
	Manston ... 154	1024.6	-4	SW	3	20	25	85	5	-	7	0	1	-	1024.5	+4	SW	2	29	92	6	5	7	-	4.6	7.8	2500	9	31	20	20	-	-	7.3			
2	Shoeburyness ... 11		*	*	*	*	*	*	*	*	*	*	1024.0	+4	SSW	2	c	29	92	5	5	1	-	7.8	9	2500	8	34	19	12	-	-	4.2				
	Felixstowe ... 15	1022.3	+2	SW	2	b	26	92	3	-	-	0	0	-	1022.6	+4	W	1	b	25	92	4	-	-	0	0	-	8	2	32	23	12	-	-	4.2		
	Gorleston ... 5	1023.1	+4	WSW	2	c	23	85	4	5	-	7.8	7.8	1500	1022.9	0	WSW	2	b	25	75	4	-	-	0	0	-	8	2	33	22	20	-	-	-		
	Mildenhall ... 19	1023.1	-4	SW	3	b	24	92	8	-	-	0	0	-	1022.4	-2	S	3	m	24	92	4	-	7	0	9	-	8	34	21	11	-	Tr	5.2			
	Cranwell ... 240	1021.6	-4	WSW	3	b	26	97	4	-	3	0	7.8	-	1020.4	-2	SW	3	20	85	5	-	3	-	0	4.6	-	8	31	21	11	-	-	3.9			
3	Birmingham ... 535		*	*	*	*	*	*	*	*	*	*	1020.2	-8	S	3	c	30	85	6	-	7	0	10	-	8	35	27	25	-	-	-	5.8				
	Upper Heyford ... 408	1023.5	-6	S	1	c	23	92	3	5	-	9	9	7200	1022.1	-6	SW	2	c	26	92	5	-	7	6	0	9	-	4	36	21	7	-	-	-		
	Ross-on-Wye ... 223		*	*	*	*	*	*	*	*	*	*	1020.3	-4	SSW	1	c	23	92	6	5	-	-	10	10	2500	8	31	22	11	-	-	-	6.1			
5	Hartland Point ... 299	1018.9	-16	SSE	4	c	37	75	8	5	7	-	4.6	7.8	4000	1017.9	0	S	4	c	39	85	8	5	-	9	9	2500	4	38	33	31	-	-	5.4		
	Bristol ... 209	1022.7	-2	S	4	c	32	75	6	-	-	6	0	7.8	-	1021.0	-2	SSE	3	31	85	6	5	-	7	10	2500	8	38	26	19	-	-	5.8			
	Portland Bill ... 32	1022.7	-4	SW	3	c	39	92	7	2	4	-	4.6	7.8	4000	1021.9	-10	SW	4	b	40	92	7	5	-	4.6	9.6	4000	1	3	38	34	*	-	*		
	Plymouth ... 82	1021.0	-12	S	4	c	42	75	7	8	-	-	9	9	2500	1019.4	-2	SSW	6	c	44	75	7	8	1	-	9	10	1500	3	43	32	28	-	-	5.7	
	The Lizard ... 240	1020.0	-12	SE	5	c	43	75	8	8	6	-	7.8	7.8	2500	1017.7	-8	SSE	5	45	85	7	8	2	-	9	10	2500	1	3	45	40	*	-	0.5		
	Scilly (St. Mary's) ... 163	1017.6	-18	S	5	c	45	65	8	1	7	-	2.3	10	2500	1016.3	+6	S	5	43	85	7	5	-	-	10	10	1500	1	3	46	40	*	-	3.0		
	Guernsey ... 175	1023.2	0	S	2	b	36	75	7	1	7	8	1	4.6	2500	1021.9	-4	SSE	4	c	33	92	6	5	1	-	9	10	1500	3	2	42	27	21	-	-	4.4
6	Pembroke ... 142	1017.7	-4	SW	6	c	43	85	8	5	-	-	9	9	2500	1016.4	-2	NW	7	42	92	7	5	2	-	7.8	10	2500	1	3	43	40	*	-	2.7		
7	Holyhead ... 26	1016.5	-18	SE	5	c	39	85	7	5	7	-	9	10	4000	1014.0	-10	SE	6	39	92	8	9	-	-	10	10	1500	1	3	39	37	33	-	3	1.9	
	Chester (Sealand) ... 16	1019.3	-12	SE	3	20	30	75	6	5	3	-	2.3	9	5700	1017.3	-6	SE	4	30	85	5	5	-	-	10	10	4000	4	35	29	24	-	-	0.1		
8	Manchester ... 70	1020.0	-10	SE	1	20	29	85	5	-	3	-	0	4.6	-	1018.5	-10	SE	3	32	85	4	5	7	-	4.6	7.8	4000	8	31	27	19	-	-	0.0		
10	Spurn Head ... 29	1020.3	0	WNW	2	c	28	92	4	-	-	7	0	10	-	1019.9	0	SW	3	c	27	97	6	5	-	-	10	10	4000	9	2	32	26	*	-	4.6	
	Catterick ... 175	1019.1	-4	SE	1	f	19	85	2	-	-	10	10	450	1017.4	-10	SE	1	f	21	97	3	-	-	10	10	4500	9	2	28	18	15	-	-	2.5		
	Tynemouth ... 108	1018.9	-4	SW	3	b	30	85	3	5	-	-	4.6	4.6	1500	1016.6	-6	SSW	3	30	92	3	5	-	-	10	10	1500	8	2	36	28	24	-	-	0.2	
11	St. Abbs Head ... 280	1014.4	-10	SW	5	c	34	85	6	4	4	6	2.3	7.8	2500	1011.6	-14	SE	6	c/r	34	92	7	5	-	-	10	10	1500	4	4	34	32	*	-	0.3	
	Leuchars ... 36	1014.0	-12	W	2	20	35	97	6	5	1	-	9	10	4000	1011.8	-14	NW	1	36	92	6	5	-	-	10	10	2500	8	4	32	29	25	-	-	0.5	
12	Renfrew (Abbots I.) ... 19	1010.4	-14	ESE	1	c	35	92	3	5	-	-	10	10	1500	1011.5	-12	ESE	2	35	92	3	5	-	-	10	10	1500	6	2	23	23	25	-	3	0.0	
	Eskdalemuir ... 794															1013.3	-14	SW	4	33	97	4	-	2	-	10	10	4500	8	2	27	27	28	Tr	7	0.3	
	Point of Ayre ... 30	1015.5	-10	SSW	5	c	38	92	7	5	1	-	9	10	1500	1012.3	-10	SW	4	39	92	7	8	2	-	7.8	10	1500	6	3	40	37	*	-	2	2.3	
13A	Tiree ... 22		*	*	*	*	*	*	*	*	*	*	*	*	*																						
13B	Stornoway ... 80	1009.5	+2	SSW	3	c	43	85	7	5	2	-	4.6	10	1500	1009.4	0	SSW	3	c	52	92	7	8	2	-	9	10	1500	1	1	41	39	*	-	4	0.0
15	Dalwhinnie ... 1176		*	*	*	*	*	*	*	*	*	*	*	*	*																						
	Aberdeen ... 79		*	*	*	*	*	*	*	*	*	*	*	*	*																						
	Wick ... 81	1010.7	-18	SW	4	rr	38	92	6	5	2	-	4.6	10	1500	1010.5	-10	SE	1	c	33	97	3	-	7	-	0	10	-	8	1	31	19	14	-	-	2.9
16	Lerwick ... 156	1013.1	-2	NE	3	c	35	75	7	5	7	-	4.6	7.8	1500	1012.8	+2	NNW	3	c	34	75	8	5													

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

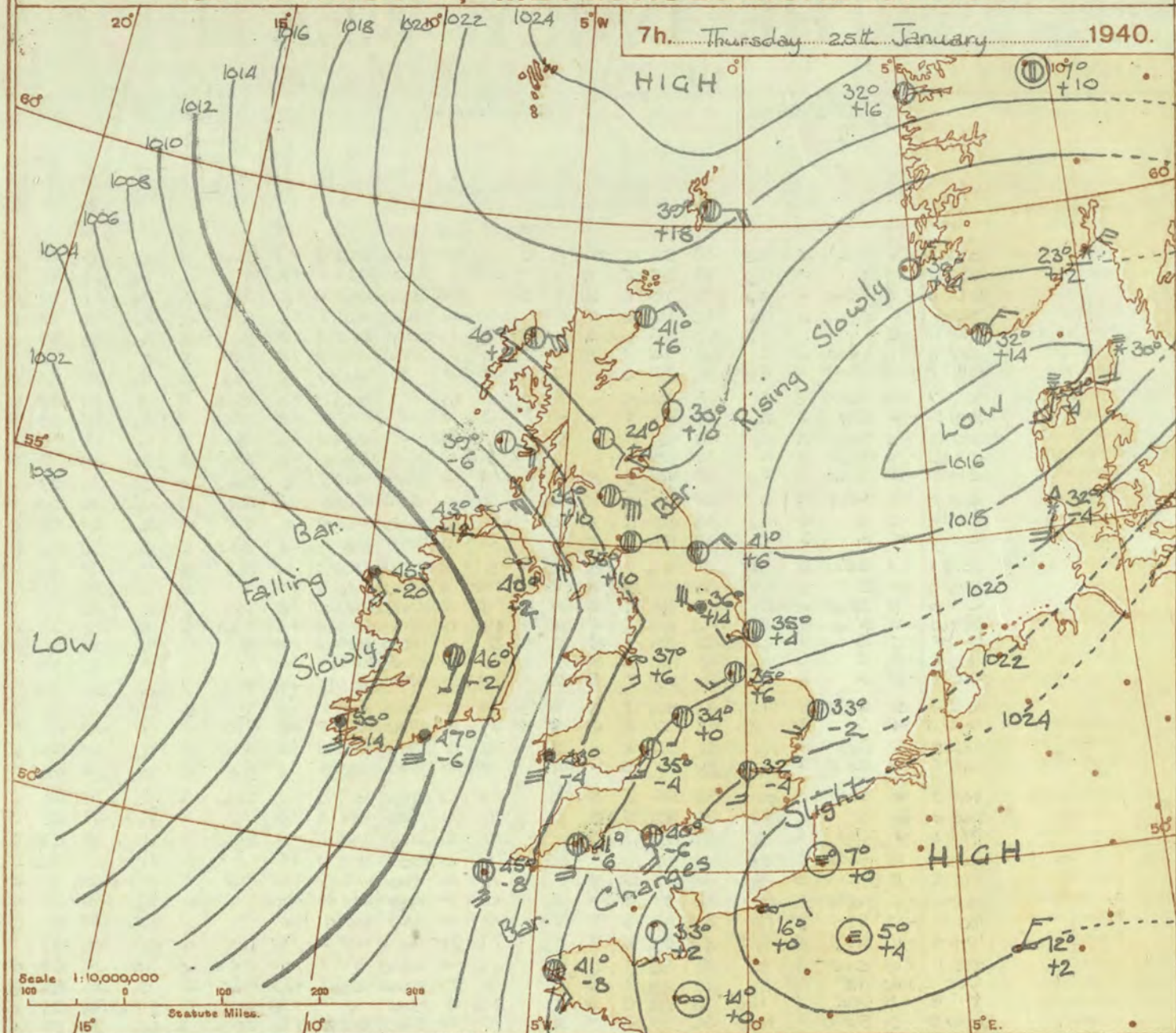
BRITISH SECTION

Thursday 25th January 1940.

No. 25,553.

OBSERVATIONS at 13h. G.M.T. 24th January														OBSERVATIONS at 18h. G.M.T. 24th January														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1) mb.	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud. (9) (10) (11)			Barom. at M.S.L. (15) -mb.	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility (22)	Cloud. (23) (24) (25)			State of Ground. (28) 0-9	Sea. (30) 0-9	WEATHER. (37) (38) (39) (40)									
				Low.	Med.					High	Low	Total 0-10			Height of Base. (feet) (14)	Low					Med.	High	Low			Total 0-10	Height of Base (feet) (28)	7h.—13h. 24th	13h.—18h. 24th	18h.—24h. 25th	1h.—7h. 25th				
1	London (Kew)...	1022.3	-6	SW	4	20	35	85	6	5	1	8	1	1022.6	+4	SSW	3	20	33	75	6	5	7	1	4.6	97	2500	4	*	befcimo	cmo	cmo	cmo		
	Croydon ...	1022.4	-14	S	4	20	36	85	6	5	7	-	2.3	5	1022.6	+2	S	4	20	33	85	6	5	3	-	4.6	78	4000	6	*	cmo	cmo	cmo	c	
	S. Farnborough	1022.6	-8	SSW	4	20	36	75	6	5	7	9	1	7.8	1500	1022.6	+2	S	3	20	34	75	6	-	7	-	0	78	-	6	*	cmbeimo	czo	cmo	c
	Boscombe Down	1021.3	-6	S	4	20	36	65	6	5	-	-	10	1500	1021.7	+6	S	4	20	35	75	6	5	-	-	97	2500	3	*	cmo	cmo	cmo	bbsmx		
	Calshot (Soton.)	1022.7	-5	S	4	20	37	75	6	5	7	8	4.6	1500	1022.4	+2	S	3	20	35	75	6	5	7	-	2.3	5	5700	0	2	cmox	cmo	cmo	bbsmx	
	Lympe	1023.8	-12	SSW	4	C	34	75	7	5	7	2	10	2500	1024.3	+2	SW	3	C	31	75	7	-	7	-	0	78	-	8	3	bmx	czo	cmo	bbsmx	
	Manston	1023.5	-12	SW	4	20	34	75	6	5	2	-	10	-	1023.7	-6	SW	4	20	33	85	6	5	7	2	4.6	97	2500	8	*	bcmxcmo	czo	cmo	cmo	
2	Shoeburyness ...	1022.7	-18	SSW	3	C	35	85	5	-	1	7	0	94	-	1023.0	+2	SSW	3	C	34	85	6	5	-	-	97	2500	6	*	bcmo	cmo	cmo	mx	
	Felixstowe ...	1021.6	-6	SW	4	20	34	85	5	-	1	7	0	10	-	1021.0	+2	SSW	4	20	33	85	6	5	1	-	2.3	5	5700	7	2	bcmxcmo	cmo	cmo	bbsmx
	Gorleston ...	1022.3	-4	SSW	3	C	34	85	5	-	3	0	7.8	-	1022.0	-2	SSW	4	20	33	75	6	5	1	-	97	2500	8	2	bcmx	czo	cmo	cmo		
	Mildenhall ...	1021.3	-10	SW	3	M	35	85	4	-	1	7	0	10	-	1021.2	-2	SW	3	20	35	75	5	5	1	-	97	1500	8	*	cmom	czo	cmo	cmo	
	Cranwell ...	1019.1	-10	SW	4	20	35	85	6	5	2	-	4.6	10	2500	1018.6	0	SSW	4	20	34	97	6	6	-	-	10	10	800	8	*	bcmo	czo	cmo	cmo
3	Birmingham	1018.7	-4	SSW	3	0	35	85	5	5	-	-	10	10	1600	1018.6	+4	SSW	3	C/r	36	92	5	6	-	-	10	10	800	6	*	cmo	cmo	cmo	c
	Upper Heyford	1021.1	-6	S	3	20	35	85	6	5	2	-	10	10	800	1020.9	0	SSE	4	20	34	85	6	5	2	-	4.6	97	1500	4	*	cmo	cmo	cmo	c
4	Ross-on-Wye ...	1019.0	-6	S	3	16	37	85	6	5	-	-	10	10	1500	1018.7	-4	SW	5	0	35	85	6	5	-	-	10	10	800	4	*	cco	cco	cco	c
5	Hartland Point	1017.1	-4	SSW	4	15.6	41	92	7	3	2	-	9	10	1500	1016.9	+6	SW	5	r	41	85	7	8	7	-	7.8	97	2500	1	3	cmo	cmo	cmo	bbsmx
	Bristol ...	1019.9	-6	S	4	C/r	38	85	6	5	4	-	7.8	10	1500	1020.7	+6	S	4	C	38	75	7	8	7	-	4.6	10	1500	6	*	cmo	cmo	cmo	bbsmx
	Portland Bill ...	1021.0	-4	SSW	4	C	40	85	7	5	4	-	7.8	10	4000	1021.2	+6	SW	4	0	40	85	7	5	-	-	10	10	4000	1	4	bcc	cmo	cmo	bbsmx
	Plymouth ...	1019.2	-2	SW	6	16	43	85	6	6	2	-	97	10	1500	1019.4	+2	SSE	5	20	43	75	6	5	1	-	7.8	97	1500	1	4	cmo	cmo	cmo	c
	The Lizard ...	1017.6	-6	S	7	C	45	85	7	6	2	-	10	1500	1017.2	+10	S	6	C	44	75	7	8	2	-	7.8	97	1500	1	4	cmo	cmo	cmo	c	
	Scilly (St. Mary's)	1016.2	-2	S	6	16	45	92	6	5	-	-	10	10	1500	1016.8	+4	S	6	C	45	75	7	5	2	-	7.8	10	1500	1	4	cmo	cmo	cmo	c
	Guernsey ...	1021.0	-10	S	3	C	36	85	7	5	2	-	7.8	97	2500	1021.8	+6	S	3	bc	34	65	7	-	7	8	0	4.6	-	3	3	c	cbc	cbc	b
6	Pembroke ...	1016.0	0	SW	5	16	44	92	7	3	-	-	10	10	1500	1015.0	0	SW	6	C/r	44	97	7	8	-	-	10	10	1500	1	4	cmo	cmo	cmo	c
7	Holyhead ...	1013.5	-6	S	5	10.6	42	97	5	3	2	-	97	10	800	1013.7	+6	SW	4	C/r	45	97	5	6	2	-	97	10	800	1	3	cmo	cmo	cmo	cmo
	Chester (Sealand)	1015.6	-10	SE	3	16	37	85	6	-	2	-	10	10	2500	1015.6	+6	SSE	2	20	43	85	6	5	-	-	97	97	1500	1	*	cmo	cmo	cmo	cmo
8	Manchester ...	1016.7	-4	SE	3	15	35	97	5	-	2	-	10	10	800	1015.8	-4	SSE	4	20	33	85	5	5	-	-	10	10	1500	6	*	cmo	cmo	cmo	cmo
10	Spurn Head	1018.3	-4	SSW	5	C	33	85	5	5	2	-	4.6	10	2500	1017.0	-4	SSW	5	16	37	97	6	5	-	-	10	10	800	6	3	cmo	cmo	cmo	cmo
	Catterick	1015.0	-6	S	4	16	37	85	5	5	2	-	9	10	800	1014.9	-2	SSE	4	16	37	85	5	5	2	-	10	10	800	6	*	cmo	cmo	cmo	cmo
	Tynemouth	1014.8	-6	SW	2	13	35	92	3	5	-	-	10	10	1500	1014.1	-6	SSW	4	C	37	85	6	8	-	-	9	9	1500	6	2	cmo	cmo	cmo	cmo
11	St. Abbs Head	1007.6	-18	SSW	6	15	34	97	7	3	2	-	7.8	10	1500	1013.4	+6	W	1	rr	37	92	7	3	2	-	7.8	10	1500	1	1	cmo	cmo	cmo	cmo
	Leuchars	1010.8	-8	-	0	15	34	97	5	5	-	-	10	10	800	1012.5	+16	NW	1	o/r	34	97	4	5	-	-	10	10	800	6	*	cmo	cmo	cmo	cmo
12	Renfrew (Abbots I.)	1009.9	-6	NE	2	16	36	97	3	-	2	-	10	10	800	1012.2	+22	-	0	16	35	97	4	5	-	-	10	10	800	6	*	cmo	cmo	cmo	cmo
	Eskdalemuir	1011.5	-12	SW	5	15	33	97	5	2	-	-	10	10	450	1011.6	+6	-	0	16	35	97	5	-	2	-	10	10	450	3	*	cmo	cmo	cmo	cmo
	Point of Ayre	1010.6	-4	SW	6	C/r	44	92	8	8	1	-	7.8	97	1500	1011.2	+10	W	4	C/r	45	97	7	8	-	-	7.8	7.8	1500	1	3	cmo	cmo	cmo	cmo
13A	Three ...	990.1	+14	ENE	4	C	41	85	8	5	3	-	4.6	7.8	2500	1011.7	+10	NE	4	bc	42	85	8	5	2	-	2.3	2.3	4000	0	3	cmo	cmo	cmo	cmo
13B	Stornoway	1012.2	+20	NE	5	C	42	85	7	5	7	-	9	97	2500	1016.1	+24	ENE	6	C	40	85	8	5	7	-	7.8	97	2500	1	3	c	c	c	c
15	Dalwhinnie	1011.8	+8	NE	1	15	34	92	5	1	-	-	4.6	10	1500	-	+18	N	1	ft.	34	97	3	-	-	-	0	0	-	6	*	cmo	cmo	cmo	cmo
	Aberdeen	1010.9	0	SW	1	10.6	36	97	5	2	-	-	10	10	2500	1012.8	+16	NNW	2	66	35	97	6	-	2	-	0	10	2500	6	1	cmo	cmo	cmo	cmo
	Wick ...	1011.3	+16	NE	6	C/r	40	92	7	5	2	-	7.8	10	1500	1014.5	+20	NE	4	C	41	75	7	5	7	-	4.6	7.8	1500	4	1	cmo	cmo	cmo	cmo
16	Lerwick	1013.7	+2	NE	3	C	37	92	8	5	7	-	4.6	7.8	1500	1015.0	+10	NW	4	bc	35	85	8	3	3	-	4.6	4.6	1500	8	*	cmo	cmo	cmo	cmo
17	Blacksod Point...	1010.8	+12	N	3	0	45	92	8	5	-	-	10	10	1500	1011.0	+12	-	0	0	44	92	8	5	-	-	10	10	1500	0	2	c	c	c	c
18	Malin Head	1007.4	+26	NW	5	C/d	45	85	7	8	-	-	9	9	2500	1012.5	+34	N	3	C	42	85	8	5	-	-	7.8	7.8	4000						

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th January, 1940.
1 S.E. England	Wind light south to southwest; cloudy; cold, thaw during day, ground frost locally at night.
2 E. England ...	
3 E. Midlands ...	Wind light south to southwest; cloudy, some sleet or rain in Lincolnshire; cold, thaw during day, ground frost locally at night.
4 W. Midlands ...	
5 S.W. England	Wind south moderate, fresh on coast; cloudy; rain or drizzle at times; mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind variable, light; dull, rain, sleet or snow on high ground; average temperature.
9 N. Midlands ...	
10 N.E. England	Wind northeast moderate; dull, rain or sleet; rather cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 8 - 9.
13 { A.W. Scotland B.N.W. Scotland	Wind east moderate or fresh; cloudy or dull with rain or sleet; rather cold.
14 Mid Scotland	As 15.
15 N. E. Scotland	As 13A
16 Orkneys and Shetlands	Wind northeast moderate; variable cloud, scattered showers; rather cold.
17 N.W. Ireland	Wind east moderate, veering south; dull, rain or drizzle; average temperature, becoming rather mild.
18 N. E. Ireland	
19 S. E. Ireland	Wind south fresh, strong on coast; dull and misty with rain or drizzle at times; mild.
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A small depression off North Denmark and a large depression to the west of Ireland are moving northeast and are connected by a belt of low pressure across Central Ireland and Northern England. Weather will be cloudy generally with rain or sleet in North England and Scotland and rain or drizzle at times in the Southwest.

FURTHER OUTLOOK.

Mild and unsettled weather spreading slowly to most districts.

Forecasts issued at 1030.

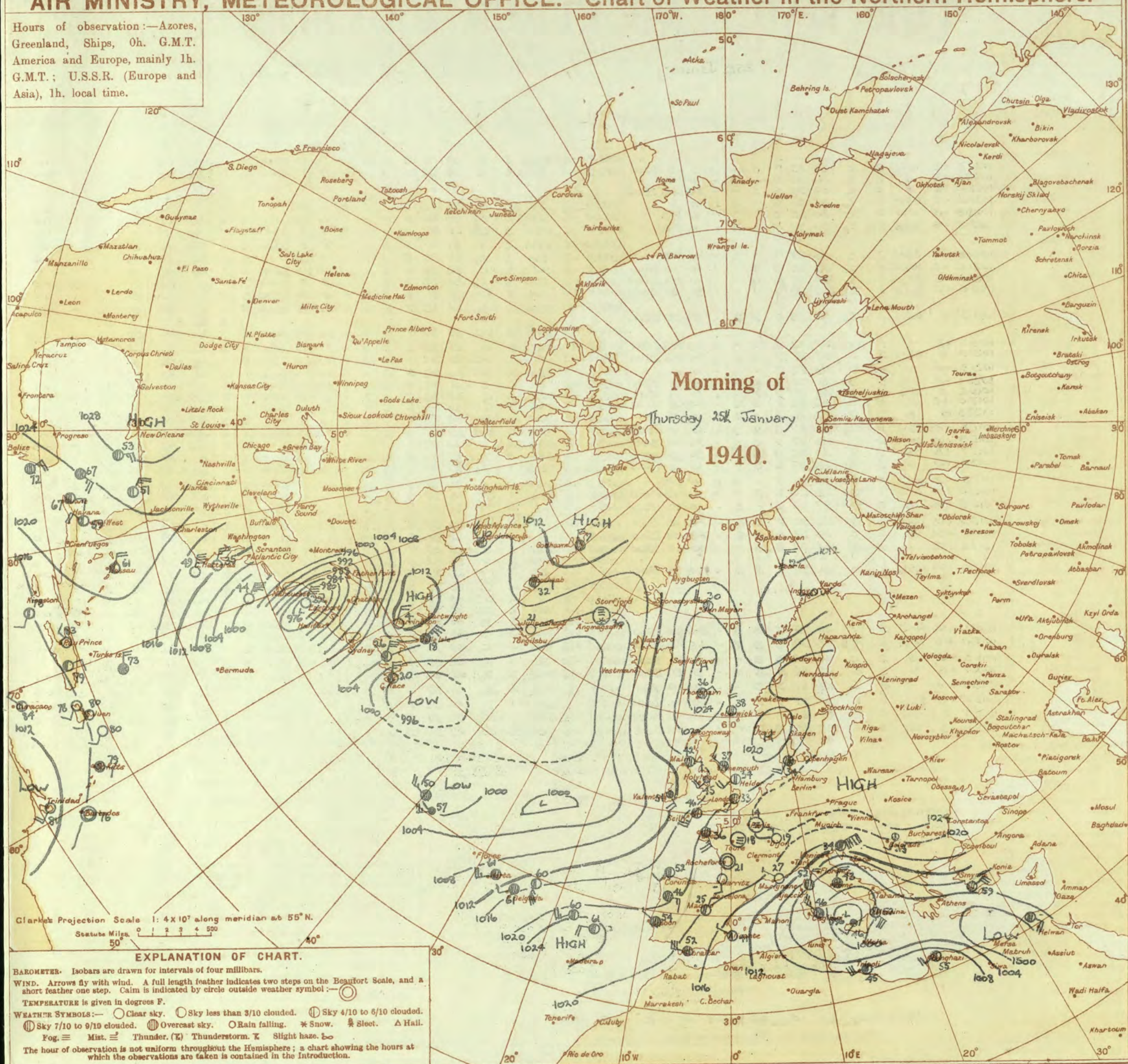
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House & E.L.

2474/3805 W. 8103 D 4626 6p 348 1/40

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 25th January 1940.

No. 553.

OBSERVATIONS at 1 hr. G.M.T. 25th January.....														OBSERVATIONS at 7 hr. G.M.T. 25th January.....														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. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.			Sun-shine 24 Hrs. (36)		
					Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10-11)		Height of Base. (feet) (14)	Direc. (17)			Force. 0-12 (18)	Form. (23)					Amount. (24-25)		Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)						
												Low. (12)	Total 0-10 (13)											Low. (26)	Total 0-10 (27)														
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	1022.7	-4	SSW	2	Z	53	85	6	5	5	5	5	5	9	2500	4	*	35	33	30	-	-	-	0.4			
	Croydon ...	217	1022.8	-2	S'W	2	C	53	85	7	5	-	9	5700	1022.8	-4	SSW	3	C	52	92	6	5	-	-	9	3	2500	4	*	37	30	27	-	-	-	0.0		
	S. Farnborough ...	226	1022.5	-2	S	2	Z	54	85	6	5	-	9	9	-	5	5	5	5	5	5	5	5	5	5	9	3	2500	4	*	37	30	27	-	-	-	0.0		
	Boscombe Down ...	417	1022.0	+2	S	2	Z	54	85	6	5	-	9	9	-	5	5	5	5	5	5	5	5	5	5	9	3	2500	4	*	37	30	27	-	-	-	0.0		
	Calshot (Stmntn.) ...	8	1022.4	-2	SSE	2	Z	54	85	6	5	-	9	1	-	5	5	5	5	5	5	5	5	5	5	9	3	2500	4	*	37	30	27	-	-	-	0.0		
	Lymyne ...	346	1023.8	-6	S'W	3	bc	50	85	8	7	7	7	0	2-3	1024.0	-4	SW	2	bc	29	85	8	7	7	7	0	2-3	8	32	34	29	20	-	-	-	0.0		
2	Manston ...	154	1023.6	-6	SSW	2	Z	50	92	6	-	3	-	0	7-8	1023.5	-2	SSW	3	bc	26	97	5	5	-	-	8	0	1	8	35	24	-	-	-	-	0.0		
	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	1023.0	-2	SSW	2	C	51	97	5	5	-	-	9	9	2500	8	*	36	30	27	-	-	-	0.2				
	Felixstowe ...	15	1020.9	-4	SSW	3	C	53	97	7	-	3	-	0	7-8	1021.3	-2	SW	2	Z	51	92	6	-	4	-	0	2-3	8	2	34	29	22	-	-	-	0.0		
	Gorleston ...	5	1021.6	-2	SSW	4	C	53	75	6	5	-	10	10	2500	1021.2	-2	SW'S	3	C	53	85	6	5	-	-	7-8	7-8	8	2	35	32	31	-	-	-	0.0		
	Mildenhall ...	19	1021.3	-6	SSW	4	Z	54	97	6	5	-	10	10	2500	1021.4	-2	SSW	3	Z	54	85	6	5	-	-	9	9	4000	8	*	36	34	31	-	-	-	0.0	
	Cranwell ...	240	1018.6	+2	SW'S	5	Z	56	85	6	5	-	9	9	4000	1019.9	+6	SW	3	bc	35	85	6	5	-	-	9	9	2500	6	*	36	34	33	-	-	-	0.0	
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	1020.6	0	SSW	1	C	54	85	7	5	3	-	2-3	9	2500	4	*	36	33	31	0.1	-	-	-	0.0				
	Upper Heyford ...	408	1021.5	0	SSW	3	Z	54	85	6	5	7	-	9	9	2500	1020.4	-4	SSW	3	bc	35	85	7	5	8	-	2-3	4-6	4000	4	*	38	35	30	0.1	-	-	0.0
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	1020.4	-4	SSW	3	bc	35	85	7	5	8	-	2-3	4-6	4000	4	*	38	35	30	0.1	-	-	-	0.0				
	Hartland Point ...	299	1018.5	+2	S	3	bc	57	85	8	5	-	6	2-3	4-6	2500	1018.8	0	SE	3	C	57	85	8	5	2	-	7-8	10	2500	1	3	42	36	32	2	0.1	0.0	
	Bristol ...	209	1021.3	0	SSW	2	C	57	75	7	5	3	-	2-3	7-8	2500	1021.6	-2	S	1	bc	28	52	7	5	3	-	2-3	4-6	2500	4	*	39	28	-	-	-	0.0	
	Portland Bill ...	32	1021.3	+4	SW	4	b	59	92	8	-	-	0	0	-	-	1021.2	-6	SSE	4	bc	40	92	8	4	-	-	4-6	4-6	4000	1	4	41	36	-	-	-	0.0	
	Plymouth ...	82	1020.1	-4	S'E	5	b	41	75	7	8	-	9	9	2500	1019.6	+6	S	5	C	41	75	7	9	3	-	-	4-6	7-8	1500	1	4	44	41	37	-	-	0.1	
	The Lizard ...	240	1019.6	0	S'E	6	C	42	85	7	8	-	9	9	1500	1018.8	0	S'E	5	C	43	85	7	8	2	-	9	10	1500	1	3	45	41	-	-	-	0.0		
5	Seilly (St. Mary's) ...	163	1017.0	+2	SW	5	C	46	85	7	6	2	-	7-8	10	1500	1016.1	-8	SSE	5	C	45	85	6	5	-	-	7-8	10	1500	1	3	45	44	-	-	-	0.0	
	Guernsey ...	175	1022.3	0	S	2	b	54	75	7	-	3	-	0	Tr	-	1022.1	+2	SSE	2	b	53	75	7	-	3	-	0	1	-	3	2	37	33	23	-	-	-	0.0
	Pembroke ...	142	1017.8	+2	SSW	5	C	44	92	6	8	2	-	9	10	1500	1017.7	-4	S'W	6	bc	43	97	6	5	2	-	7-8	10	1500	1	4	49	42	-	-	-	0.0	
	Holyhead ...	26	1015.9	+10	SSW	4	C	46	97	7	6	2	-	7-8	10	800	1017.3	+4	SSE	4	bc	40	92	6	5	-	-	10	10	4000	1	2	45	39	39	5	7	0.0	
	Chester (Sealand) ...	16	1017.7	+8	SE	2	Z	40	85	6	5	-	-	9	9	2500	1018.8	+6	SSE	3	Z	37	85	6	5	-	-	10	10	4000	1	*	43	37	34	0.3	-	-	0.4
	Manchester ...	70	1017.8	+10	S	3	bc	38	92	6	5	-	-	10	10	1500	1019.3	+4	SE'S	1	Z	37	92	6	5	-	-	10	10	1500	6	*	38	36	34	5	1	0.0	
10	Spurn Head ...	29	1017.3	-2	SW'S	4	bc	54	97	7	-	3	8	0	4-6	-	1019.2	+4	SW'W	3	0	35	92	6	5	-	-	10	10	2500	6	2	35	33	-	-	0.4	2	0.0
	Catterick ...	175	1016.0	+10	W'S	1	bc	58	85	6	5	-	-	10	10	1500	1019.6	+14	NW'W	1	bc	36	97	6	6	-	-	10	10	1500	6	*	37	35	-	-	-	1	0.0
11	Tynemouth ...	108	1016.6	+16	NW	3	bc	57	92	6	2	-	10	10	1500	1019.2	+6	NE	4	bc	41	92	7	-	2	-	10	10	1500	4	2	37	35	31	3	1	-	0.0	
	St. Abbs Head ...	280	1015.9	+18	NNE	3	bc	40	92	7	3	2	-	7-8	10	1500	1019.6	+14	NE	3	bc	39	65	8	4	3	-	2-3	2-3	2500	0	2	37	36	-	-	-	0.0	
12	Leuchars ...	36	1017.5	+24	N	2	C	36	92	8	5	2	-	7-8	10	2500	1020.5	+12	N	1	b	29	85	8	5	-	-	1	1	2500	8	*	37	29	21	6	-	-	0.0
	Renfrew (Abbots I.) ...	19	1017.4	+18	-	0	of	54	97	3	5	-	-	10	10	2500	1019.6	+10	ESE	2	C	36	85	7	5	7	-	9	10	4000	6	*	38	34	31	5	0.1	0.0	
	Eske Dalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.3	+10	ESE	2	C	35	85	6	5	-	-	10	10	800	6	*	35	34	32	21	3	0.0	
	Point of Ayre ...	30	1015.0	+14	WSW	2	C	41	97	7	5	3	-	4-6	9	1500	1017.3	+4	E'S	3	bc	40	97	6	-	2	-	10	10	800	1	2	45	39	-	-	-	0.0	
	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.9	-6	ESE	4	bc	39	75	8	5	6	-	1	4-6	4000	0	3	44	35	32	2	-	-	0.7
	Stornoway ...	80	1020.6	+2	E	4	bc	40	75	8	4	-	-	5	1	4-6	4000	1020.4	+4	E	4	bc	40	75	8	4	-	5	1	4-6	4000	1	3	43	28	-	-	-	0.0
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.4	+4	SE	2	bc	24	97	8	-	-	0	0	-	4	*	35	21	15	1	-	-	0.0	
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.8	+10	NW'W	2	b	30	92	6	5	7	-	Tr	1	2500	4	1	37	29	27	1	0.1	0.0	
	Wick ...	81	1019.1	+14	NNE	4	bc	40	75	7	8	6	-	4																									

THE DAILY WEATHER REPORT

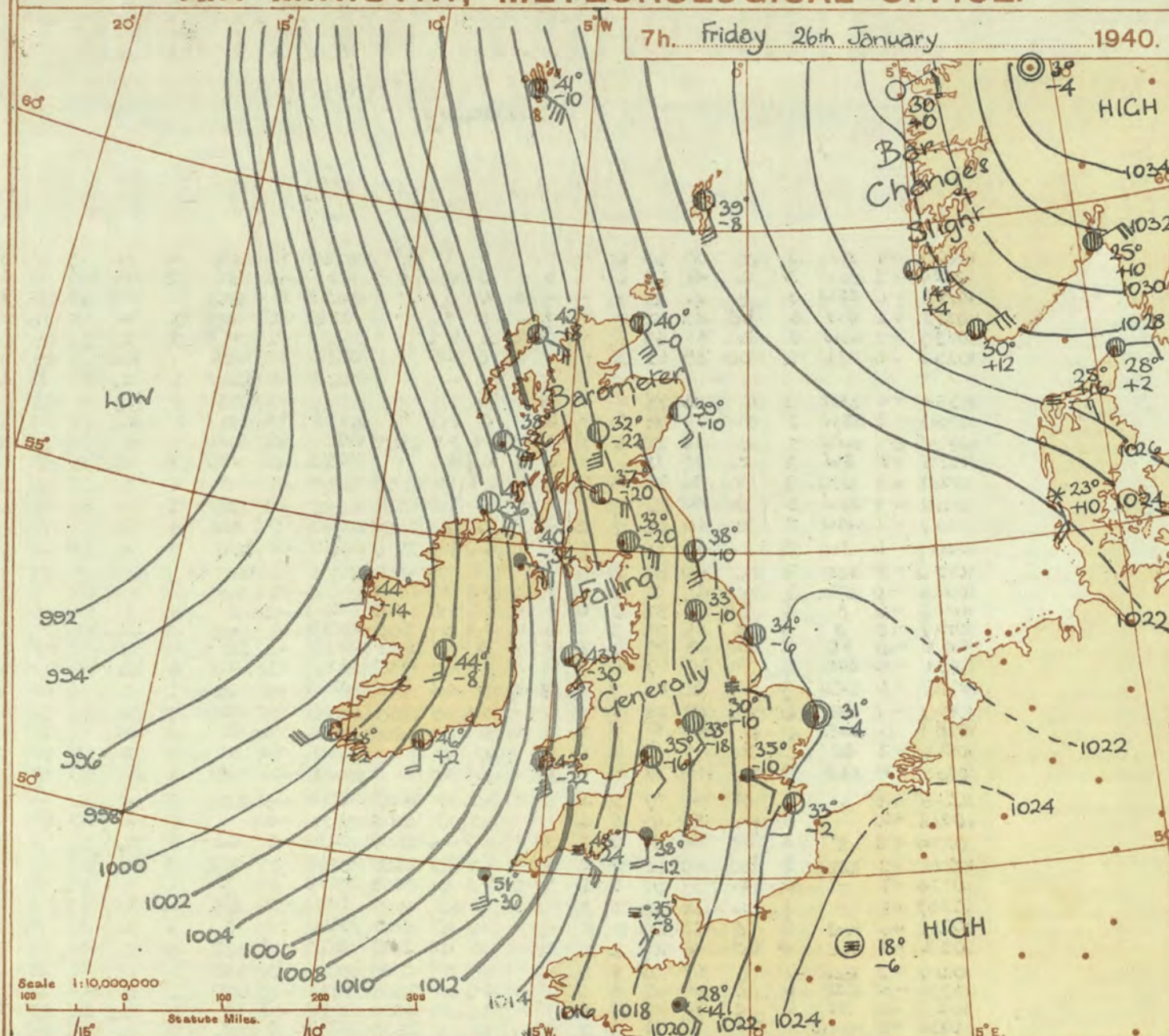
OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Friday 26th January 1940.
 No. 28554

OBSERVATIONS at 13h. G.M.T. 25th January														OBSERVATIONS at 18h. G.M.T. 25th January														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		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Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 26th January 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th January, 1940.
1 S.E. England	Wind southeast light or moderate; cloudy; occasional slight rain; rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	As 7 - 9.
5 S.W. England	Wind southeast fresh, strong to gale on coasts, veering south; dull and misty with rain or drizzle at first, clearing later; rather mild.
6 South Wales ...	
7 North Wales ...	Wind south to southeast, fresh, strong to gale on coast; dull and misty with rain at times; average temperature.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind southeast fresh, cloudy; occasional rain; rather cold.
11 S.E. Scotland	As 7 - 9.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	Wind southeast fresh, strong to gale on coast; variable cloud; average temperature or rather cold.
15 N. E. Scotland	
16 Orkneys and Shetlands	As 20.
17 N. W. Ireland	
18 N. E. Ireland	Wind southeast fresh, strong or gale on coast, veering south; dull and misty with rain at first, clearing later; rather mild.
19 S. E. Ireland	As 5 - 6.
20 S. W. Ireland	

mild.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is low over the whole of the North Atlantic and a small centre off Northwest Ireland is moving north. High pressure persists from Central Europe to Eastern France and over Scandinavia. Weather will be cloudy generally, rainy and mild in the West, occasional rain with temperatures slightly below the seasonal average in the East.

FURTHER OUTLOOK.

Similar.

Time of Issue of Gale Warnings.

Warning of SE to S gale issued for districts 5,6,7, 8,12,17,19 and 20 at 2000 G.M.T. on 25/1/40., for districts 13,18 at 0145 G.M.T. on 26/1/40., for districts 15,16 at 0920 G.M.T. on 26/1/40.

Forecasts issued at 1030.

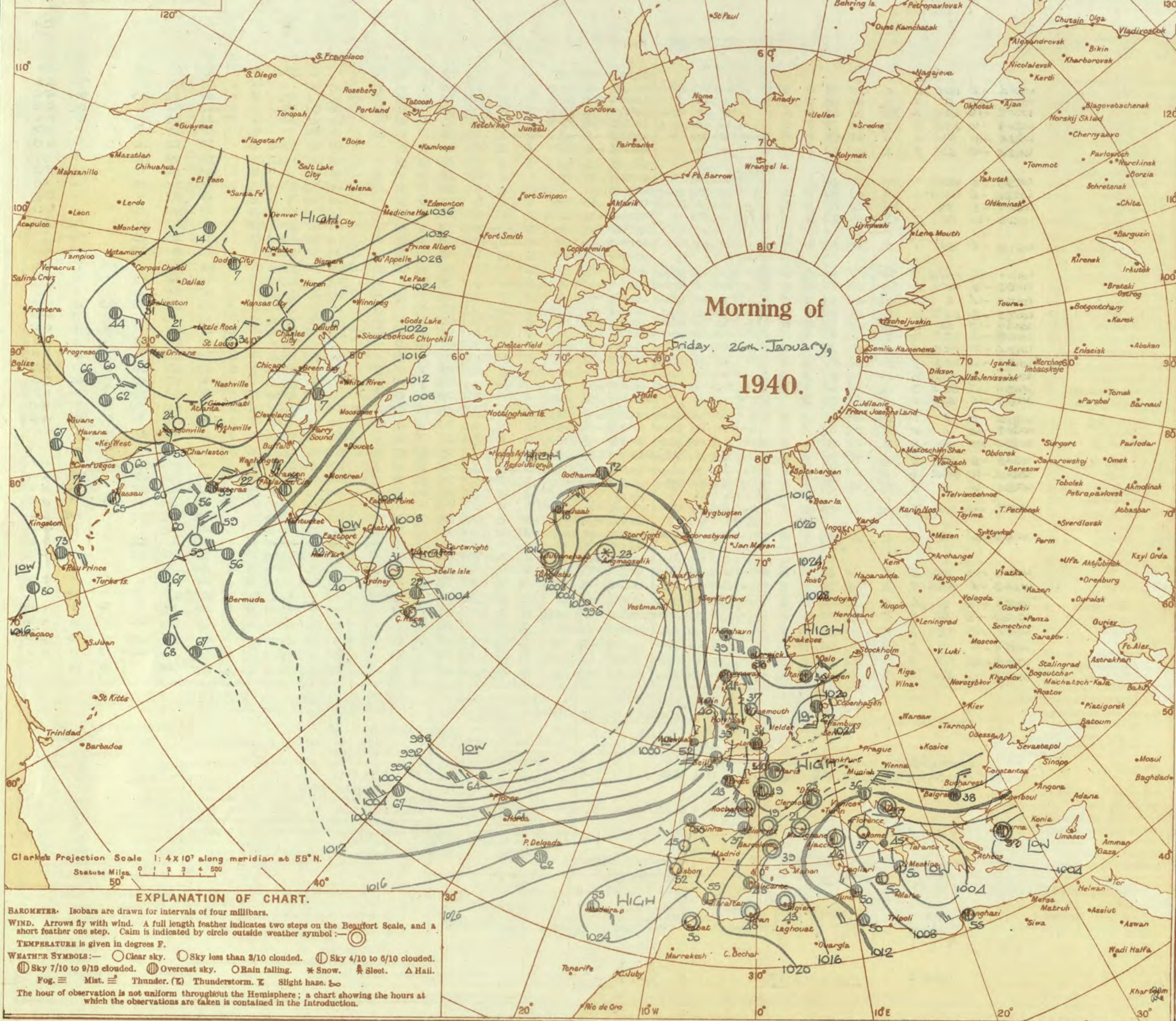
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

6474/2006. W. 5105. D. 4626. Op. 948. 1/40

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

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Friday 26th January 1940.
 No. 28554

OBSERVATIONS at 1 hr. G.M.T. 26th January														OBSERVATIONS at 7 hr. G.M.T. 26th January														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. %	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE Hrs.		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground.	0-9	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.		Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.					
																																	Low.	Med.		High.	Low.
1	London (Kew) ... 18	1021.4	-4	SSSE	3	C	34	75	6	5	7	-	46	7.8	5700	1020.2	-10	SESE	2	C	36	75	6	5	7	-	10	2500	3	39	32	22	-	-	4.5		
	Croydon ... 217	1021.1	-1.4	E	2	C	34	75	5	5	7	-	0	10	-	1020.3	-6	SESE	3	C	35	85	6	5	2	-	0	10	-	4	42	32	27	-	-	4.3	
	S. Farnborough ... 226	1020.2	-12	SSSE	3	C	34	85	6	5	7	-	9	9	2500	1018.0	-1.4	SESE	3	C	35	75	5	5	1	-	0	10	-	4	43	32	23	-	-	6.3	
	Boscombe Down ... 417	1020.6	-10	SSSE	3	C	37	75	6	5	7	-	10	10	4000	1018.3	-1.4	SESE	3	C	37	75	6	5	1	-	10	10	-	4	42	32	31	-	-	7.6	
	Calshot (St. Mary's) ... 8	1022.5	-10	SW	2	C	33	85	7	5	7	-	0	34	-	1022.3	-2	SW	2	C	33	75	7	5	1	-	0	34	-	8	41	28	16	-	-	7.7	
	Lymington ... 346	1022.6	-10	SW	2	C	31	85	5	5	7	-	0	34	-	1021.8	-8	SSW	2	C	33	85	6	5	1	-	10	10	-	4	39	26	20	-	-	6.6	
	Manston ... 154	1022.6	-10	SW	2	C	31	85	5	5	7	-	0	34	-	1021.8	-8	SSW	2	C	33	85	6	5	1	-	10	10	-	4	39	26	20	-	-	6.6	
2	Shoeburyness ... 11	1023.3	-6	WSW	1	C	31	85	4	5	7	-	0	7.8	-	1021.5	-8	SESE	2	C	33	85	6	5	1	-	0	10	-	4	39	28	18	-	-	5.1	
	Felixstowe ... 15	1022.3	-4	WNW	1	C	32	85	5	5	7	-	0	7.8	-	1022.3	-8	SW	1	C	32	92	7	5	1	-	0	10	-	4	37	24	11	-	-	5.3	
	Gorleston ... 5	1022.9	-8	SE	2	C	28	97	3	5	7	-	0	7.8	-	1021.6	-4	SW	1	C	31	85	5	5	1	-	0	10	-	4	38	30	28	-	-	5	
	Mildenhall ... 19	1021.3	-8	SE	2	C	31	92	3	5	7	-	0	7.8	-	1020.7	-10	SE	2	C	31	92	6	5	1	-	0	10	-	4	37	30	28	-	-	3.2	
	Cranwell ... 240	1021.2	-10	SE	2	C	31	92	3	5	7	-	0	7.8	-	1020.0	-10	SESE	1	C	30	97	2	5	1	-	0	10	-	4	38	30	23	-	-	0.0	
3	Birmingham ... 535	1021.3	-6	SE	1	C	33	85	6	5	7	-	0	10	-	1017.6	-18	SE	3	C	33	75	6	5	1	-	0	10	-	4	40	32	31	-	-	4.5	
	Upper Heyford ... 408	1021.3	-6	SE	1	C	33	85	6	5	7	-	0	10	-	1019.2	-16	SE	2	C	33	85	6	5	1	-	0	10	-	4	40	33	29	-	-	4.5	
	Ross-on-Wye ... 223	1021.3	-6	SE	1	C	33	85	6	5	7	-	0	10	-	1016.4	-16	SE	2	C	33	85	7	5	1	-	0	10	-	4	43	34	32	-	-	3.3	
5	Hartland Point ... 299	1013.1	-12	NW	5	C	57	92	3	5	2	-	4.5	10	1500	1010.2	-23	SE	5	C	41	92	3	5	1	-	4.5	10	-	4	40	26	35	0.4	2	0.0	
	Bristol ... 209	1019.2	-18	SESE	3	C	56	75	6	5	2	-	7.5	10	4000	1017.1	-14	SE	4	C	38	85	6	5	1	-	7.5	10	-	4	41	34	32	-	-	1.7	
	Portland Bill ... 32	1018.0	-14	SE	4	C	40	92	7	5	2	-	10	10	2500	1016.6	-12	SE	4	C	38	92	7	5	1	-	10	10	-	4	41	36	32	-	-	1.7	
	Plymouth ... 82	1017.5	-8	SESE	3	C	43	92	3	5	2	-	10	10	800	1016.6	-12	SESE	3	C	41	97	3	5	1	-	10	10	-	4	43	37	36	0.5	6	0.0	
	The Lizard ... 240	1014.1	-12	SE	6	C	43	97	4	5	2	-	10	10	1500	1016.6	-12	SESE	3	C	41	97	3	5	1	-	10	10	-	4	43	37	36	0.5	6	0.0	
	Scilly (St. Mary's) ... 163	1011.8	-4	SSSE	3	C	43	97	4	5	2	-	10	10	1500	1016.6	-12	SESE	3	C	41	97	3	5	1	-	10	10	-	4	43	37	36	0.5	6	0.0	
	Guernsey ... 175	1019.4	-10	SSSE	4	C	37	75	6	5	1	-	7.8	10	2500	1017.3	-8	SESE	3	C	35	97	4	5	1	-	10	10	-	4	40	35	33	6	3	6.5	
6	Pembroke ... 142	1015.4	-14	SSSE	7	C	39	97	6	5	2	-	10	10	1500	1008.9	-22	SESE	7	C	42	97	6	5	1	-	10	10	-	4	44	38	36	1	7	0.0	
	Holyhead ... 26	1014.1	-20	SESE	3	C	39	97	3	5	2	-	10	10	800	1015.3	-30	SESE	7	C	43	83	7	7	1	-	9	10	-	4	43	37	36	1	7	2.3	
	Chester (Sealand) ... 16	1018.0	-12	SESE	3	C	36	75	5	5	1	-	7.5	10	1500	1014.5	-22	SE	4	C	36	75	6	5	1	-	9	10	-	4	44	36	32	0.5	3	3.6	
	Manchester ... 70	1018.5	-4	SESE	3	C	36	65	5	5	1	-	0	9	-	1017.1	-18	SESE	4	C	36	75	5	5	1	-	10	10	-	4	43	35	33	1	1	1.2	
10	Spurn Head ... 29	1021.4	-6	SE	1	C	35	97	3	5	2	-	10	10	1500	1020.5	-6	SESE	2	C	34	86	4	5	1	-	10	10	-	4	36	33	32	2	1	0.0	
	Catterick ... 175	1020.7	-10	SE	1	C	34	82	5	5	2	-	10	10	1500	1018.3	-10	SESE	2	C	33	97	5	5	1	-	10	10	-	4	36	32	32	0.3	1	0.0	
	Tynemouth ... 108	1022.0	-6	SE	3	C	37	83	6	2	3	-	2.3	46	2500	1019.9	-10	SESE	5	C	38	86	7	5	1	-	7.8	7.8	-	4	41	36	31	-	-	0.0	
11	St. Abbs Head ... 280	1020.3	-6	SSSE	3	C	37	75	8	7	6	-	4.6	9	2500	1017.2	-20	SE	6	C	36	75	8	8	3	-	7.8	9	-	4	40	36	31	-	-	1.7	
	Leuchars ... 36	1020.4	-10	SESE	2	C	37	85	5	5	3	-	4.6	9	4000	1018.3	-10	SESE	4	C	38	75	8	8	3	-	9	9	-	4	41	35	31	-	-	0.0	
	Renfrew (Abbots I.) ... 19	1018.1	-14	SE	3	C	35	75	3	5	7	-	4.6	9	2500	1015.0	-20	SESE	4	C	37	75	3	5	2	-	4.6	10	-	4	38	34	32	-	-	0.0	
	Eskdalemuir ... 794	1015.7	-18	SSSE	7	C	39	85	6	5	1	-	4.6	10	1500	1016.1	-20	SESE	6	C	33	85	6	5	1	-	10	10	-	4	36	33	32	-	-	0.0	
	Point of Ayre ... 30	1015.7	-18	SSSE	7	C	39	85	6	5	1	-	4.6	10	1500	1011.9	-20	SESE	7	C	37	85	6	5	1	-	10	10	-	4	42	36	34	4	1	0.0	
13A	Tiree ... 22	1018.0	-14	SE	6	C	41	65	7	5	7	-	7.8	10	4000	1007.4	-26	SESE	7	C	38	85	7	6	1	-	7.8	9	-	4	42	38	36	-	-	0.0	
13B	Stornoway ... 80	1018.0	-14	SE	6	C	41	65	7	5	7	-	7.8	10	4000	1012.2	-18	SESE	5	C	42	83	8	5	7	-	7.8	9	-	4	42	40	36	-	-	0.0	
15	Dalwhinnie ... 1176	1018.0	-14	SE	6	C	41	65	7	5	7	-	7.8	10	4000	1015.0	-22	SE	7	C	42	97	6	4	7	-	2.3	10	-	4	3						

THE DAILY WEATHER REPORT

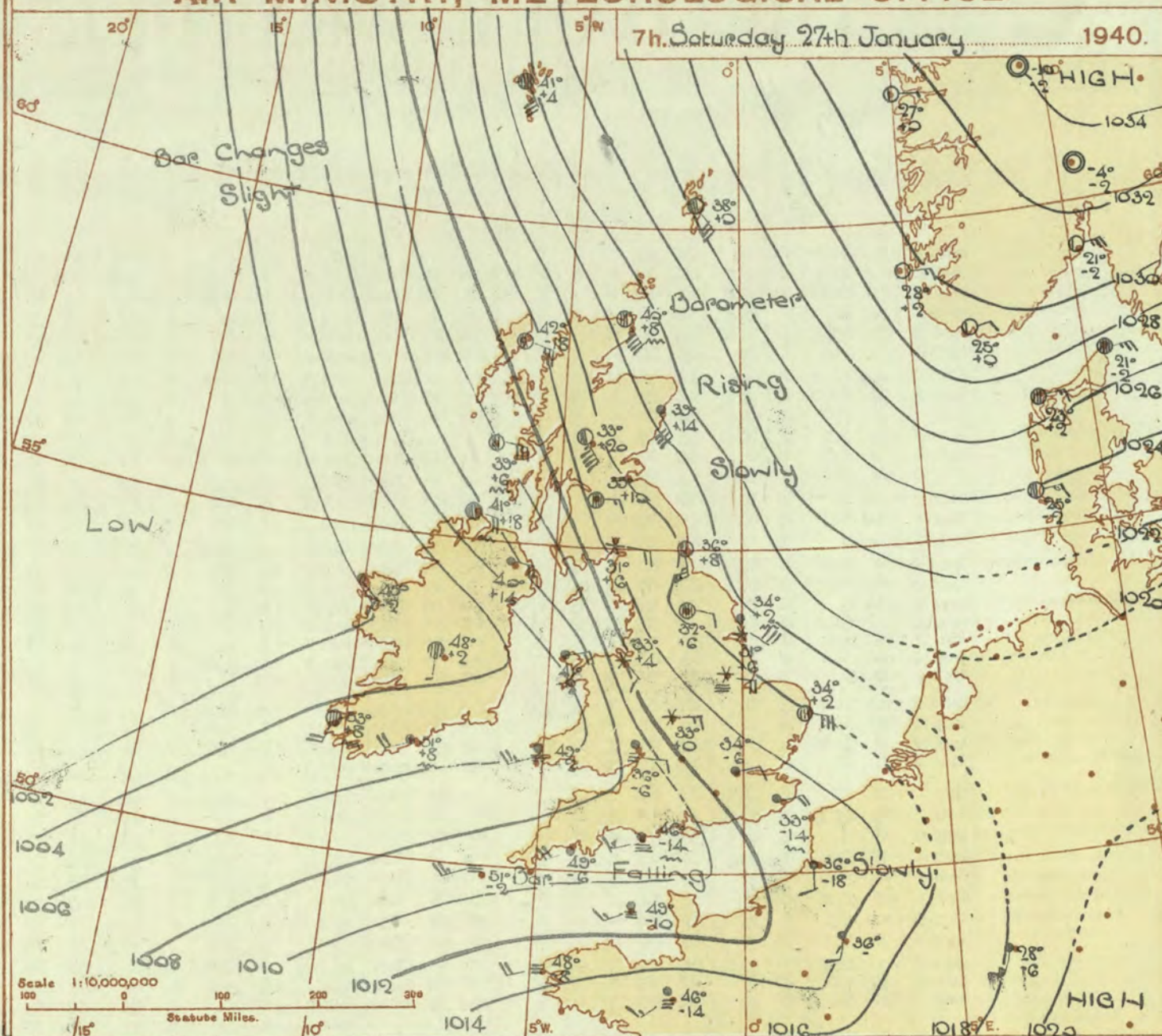
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday 27th January 1940.
No. 28,555.

OBSERVATIONS at 13h. G.M.T. 26th January														OBSERVATIONS at 18h. G.M.T. 26th January														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																	
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																									
				Dir.	Force.					Form.	Amount.	Height of Base. (feet)	Dir.	Force.			Form.	Amount.					Height of Base. (feet)	Dir.	Force.	Form.	Amount.			Height of Base. (feet)	Dir.					Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force.	Form.	Amount.	Height of Base. (feet)	Dir.	Force

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 27th January 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th January, 1940.
1 S.E. England	Wind east moderate, fresh or strong on coast; dull with sleet or snow in considerable amounts; cold with temperature slightly above freezing
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind west to southwest moderate, fresh on coast; dull and foggy with rain or drizzle; mild.
6 South Wales ...	
7 North Wales ...	Wind east moderate or fresh, strong on coast; dull rain or snow at times becoming less frequent; cold but temperature slightly above freezing.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind southeast to east strong, gale on coast at first; mainly cloudy, but some bright periods later, occasional showers of snow or sleet; cold but temperature above freezing.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7 - 13A.
18 N. E. Ireland	
19 S. E. Ireland	As 5 - 6.
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone over Scandinavia is spreading slowly southwest. A trough of low pressure extending from Northwest Ireland to Central France is filling up in the Northern part but developing over France and the English Channel. Weather will be dull and cold with widespread snow or sleet in East and Southeast England, cloudy in the North with occasional snow or rain showers, dull and mild with rain drizzle and fog in the Southwest.

FURTHER OUTLOOK.

Cold with easterly winds in most districts but mild in the extreme southwest.

Times of Issue of Gale Warning.

Warning of southeast gale issued in districts 10, 11 at 1445 GMT 26/1/40
Warnings of south to southeast gale still in operation in districts 7, 8, 12, 13, 15, 16, 18.

Forecasts issued at 1030 G.M.T.

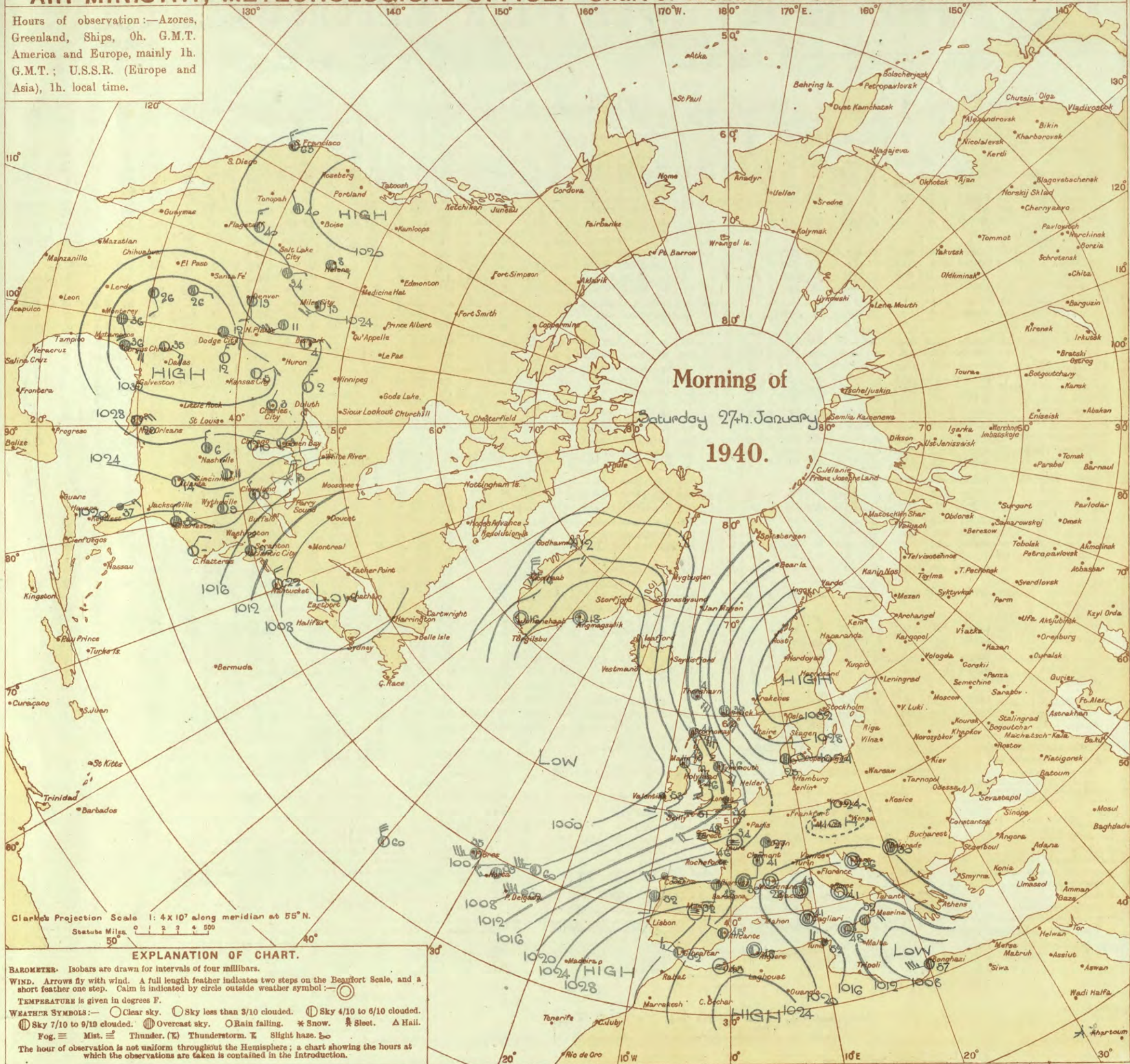
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

6474/3806, M. 8109, D. 4626, Sp. 948, 1/40

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



OBSERVATIONS at 1 hr. G.M.T. 27th January														OBSERVATIONS at 7 hr. G.M.T. 27th January														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. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. 24th		
					Direc.	Force.					Form.	Amount.	Height of Base. (feet)	Direc.			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).					
																																Low.	Med.		High.	Low.
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1012.1	-1.0	E	4	cs	32	92	5	G	2	-	3	10	1500	1	*	37	33	32	7	17	0.0	
	Croydon ...	217	1013.1	-2	ESE	2	34	97	2	*	*	*	10	10	<150	1012.3	-G	E'N	4	34	92	4	G	2	-	10	10	450	2	*	37	34	33	5	15	0.0
	S. Farnborough ...	226	1012.4	-1	ESE	2	30	97	1	-	-	-	10	10	<150	1013.2	-2.8	ESE	3	35	97	3	1	2	-	10	10	220	2	*	36	35	34	7	11	0.0
	Boscombe Down ...	417	1012.3	+1	SE'E	2	36	97	2	-	-	-	10	10	<150	1009.5	-1.8	E	3	37	97	4	1	2	-	10	10	450	2	*	36	34	33	5	13	0.0
	Calshot (Stmnt.) ...	8	1012.4	-G	ESE	2	37	97	2	-	-	-	10	10	<150	1003.8	-1.4	E	1	37	97	2	1	2	-	10	10	<150	2	2	38	35	34	1	16	0.0
	Lympe ...	346	1014.3	-2	N'E	1	35	97	2	-	-	-	10	10	<150	1013.7	-1.4	ESE	4	33	97	6	1	2	-	10	10	1500	6	2	33	32	31	8	12	0.0
	Manston ...	164	1013.2	+4	E	2	34	97	2	-	-	-	10	10	<150	1013.4	-1.0	ESE	4	33	97	4	6	2	-	3	10	450	6	*	35	30	30	8	7	0.0
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1014.1	-4	E	2	cs	32	97	4	-	2	-	10	10	450	7	*	35	31	31	4	8	0.0	
	Felixstowe ...	15	1015.6	+4	ESE	2	33	92	5	5	-	-	10	10	800	1015.7	*	E	3	33	*	4	-	2	-	10	10	1500	*	*	(55)	31	*	#	*	*
	Gorleston ...	5	1015.5	+2	SE'E	4	33	85	6	8	-	-	10	10	2500	1015.3	+2	ESE	6	34	85	7	8	-	-	10	10	1500	9	3	36	33	32	0.2	0.4	*
	Mildenhall ...	19	1014.4	-2	E'S	2	31	97	5	-	2	-	10	10	1500	1014.6	0	E'S	2	32	97	4	-	2	-	10	10	800	7	*	37	31	29	1	1	0.0
	Cranwell ...	240	1014.3	+2	ESE	3	31	97	3	5	-	-	10	10	1500	1015.1	+6	ESE	4	31	97	3	5	-	-	10	10	800	9	*	34	30	30	6	2	0.0
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1012.4	0	E	3	sh	33	97	4	-	2	-	10	10	800	6	*	34	32	32	8	18	0.0	
	Upper Heyford ...	408	1012.3	-4	E	1	33	97	2	-	-	-	10	10	<150	1012.4	0	ENE	2	RR	33	97	4	6	-	10	10	450	6	*	36	32	31	8	21	*
	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1010.2	-G	E	2	cs	33	97	3	5	-	-	10	10	450	1	*	37	35	33	6	16	0.0	
5	Hartland Point ...	299	1007.9	-2.2	SSW	5	48	97	1	-	-	-	10	10	<150	1006.6	-4	SW	4	47	97	1	-	-	10	10	<150	1	3	49	45	44	3	9	2.7	
	Bristol ...	209	1011.3	-2	S	1	43	97	5	6	2	-	7.8	10	800	1009.4	-G	-	0	40	97	4	6	-	-	10	10	800	1	*	40	38	35	5	11	0.0
	Portland Bill ...	32	1011.1	-1.2	SSW	3	45	92	7	5	-	-	10	10	1500	1008.7	-1.4	SSW	4	46	92	3	5	-	-	10	10	800	1	4	45	40	*	6	16	*
	Plymouth ...	82	1010.7	-1.0	SSW	4	47	97	1	-	2	-	10	10	<150	1009.1	-G	WS	4	49	97	5	-	2	-	10	10	220	1	3	50	47	46	5	3	1.6
	The Lizard ...	240	1011.1	-1.4	SSW	4	49	97	2	5	-	-	10	10	450	1009.4	-2	SSW	5	51	97	2	-	-	10	10	<150	1	3	53	50	*	2	4	1.6	
	Scilly (St. Mary's) ...	163	1010.1	-1.4	SSW	4	51	97	3	-	-	-	10	10	<150	1009.4	-2	SSW	3	49	97	2	5	-	-	10	10	220	1	3	49	47	42	4	4	0.0
	Guernsey ...	175	1013.1	-8	SSW	4	48	97	2	5	-	-	10	10	220	1010.8	-10	SSW	3	49	97	2	5	-	-	10	10	220	1	3	49	47	42	4	4	0.0
6	Pembroke ...	142	1007.8	-8	SSW	2	46	97	1	-	-	-	10	10	<150	1005.9	-2	WS	5	49	97	2	-	-	10	10	<150	1	3	49	44	*	15	23	3.4	
7	Holyhead ...	26	1007.4	+2	SSW	4	46	92	7	6	2	-	7.8	10	1500	1007.2	-2	ENE	4	41	97	6	-	2	-	10	10	450	1	2	45	40	39	6	5	0.3
	Chester (Sealand) ...	16	1011.1	+2	SE'E	4	34	97	4	-	2	-	10	10	800	1012.0	+4	SE'E	2	33	97	4	-	2	-	10	10	800	7	*	36	33	32	8	14	0.0
	Manchester ...	70	1012.2	+2	EN	2	34	92	4	5	-	-	10	10	800	1012.2	+2	EN	4	33	92	3	5	-	-	10	10	800	7	*	37	32	32	10	12	0.0
10	Spurn Head ...	29	1014.8	0	SE'E	6	33	97	7	6	-	-	2.3	10	800	1016.1	+2	SE'E	6	34	92	6	5	-	-	10	10	800	6	4	35	32	*	4	4	0.0
	Catterick ...	175	1015.0	+4	ESE	1	32	92	5	5	-	-	10	10	800	1016.6	+6	ESE	2	32	97	6	5	-	-	10	10	800	7	*	34	30	30	17	1	0.0
	Tynemouth ...	108	1016.8	0	SSW	5	36	92	7	6	-	-	10	10	1500	1017.4	+8	SSW	5	36	92	6	6	-	-	10	10	1500	1	3	39	33	32	3	3	*
11	St. Abbs Head ...	280	1014.1	+4	SSW	6	39	85	7	8	2	-	7.8	10	1500	1016.0	+1.8	SSW	6	39	97	6	3	2	-	7.8	10	1500	1	4	38	32	*	2	5	*
	Leuchars ...	36	1015.0	+2	ESE	6	38	97	8	5	2	-	7.8	10	2500	1017.1	+1.2	ESE	5	36	92	6	5	2	-	3	10	4000	6	*	39	33	32	2	4	0.0
12	Renfrew (Abbots I.) ...	19	1012.6	+1.4	E	4	33	97	3	5	-	-	10	10	1500	1014.5	+1.0	E	3	35	85	4	5	-	-	10	10	1500	7	*	37	32	31	7	4	0.0
	Eskaedalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.6	+6	ESE	4	31	85	5	-	2	-	10	10	450	5	*	34	29	29	6	5	0.0
	Point of Ayre ...	30	1009.0	+1.0	SSW	6	37	92	6	-	2	-	10	10	800	1010.6	+2.0	SE'S	7	37	92	6	6	2	-	4.6	10	800	1	4	37	36	*	8	12	*
13a	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1008.6	+G	ESE	6	39	75	8	5	-	-	9	3	1500	0	5	39	37	35	2	0.1	0.0		
13b	Stornoway ...	80	1011.9	+1.4	ESE	7	41	75	8	5	7	-	7.8	24	4000	1012.2	-1.8	ESE	5	42	55	8	5	7	-	7.8	24	4000	0	3	42	40	*	7	-	0.0
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1016.0	+2.0	SE	3	33	92	5	8	-	-	-	10	10	1500	8	*	33	30	29	2	2	0.0	
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1015.2	+1.4	SE	6	39	85	6	6	-	-	-	10	10	1500	1	3	40	38	36	7	1	0.0	
	Wick ...	81	1012.0	-4	SE	9	41	85	6	5	2	-	4.6	10	2500	1012.1	+8	SE	9	40	85	6	5	2	-	7.8	10	800	4	4	42	39	*	-	0.1	*
16	Lerwick ...	156	1023.7	+6	SE	7	38	75	7	8	2	-	7.8	10	800	1024.3	0	SE	6	38	85	*	8	7	-	7.8	10	800	6	*	40	35	*	0.2	0.2	0.0
17	Blacksod Point ...	18	1002.5	+1.4	SW	3	47	92	7	9	-	-	9	9	800	1002.2	-2	SE	2	45	97	7	6	-	-	10	10	220	1	3	49	45	*	5	3	*
18	Malin Head ...	84	1003.8	+4	E	3	43	92	7	8	5	-	4.6	7.8	4000	1006.9	+1.8	E'S	4	41	85	7	6	-	-	3	34	4000	*	*	*	*	2	*	*	
	Aldergrove ...	268	*	*	*	*	*	*	*	*	*	*	*	1008.0	+1.4	ESE	4	40	92	6	6	2	-	-	3	10	800	2	*	46	39	38	15	6	1.5	
19	Birr Castle ...	173	1005.1	-2	S	2	45	97	7	5	-	-	10	10	1500	1004.4	+2	S	1	48	97	7	5	-	-	10	10	1500	1	*	50	44	43	1	10	1.6
20	Valentia Obsy. ...	30	1003.3	-2	SSW	5	36	97	6	5	-	-	10	10	450	1004.5	+8	SSW	4	53	97	6	5	-	-	10	10	220	1	4	52	47	46	0.3	11	1.3
	Roches Point ...	22	1005.4	-2	SW	4	49	97	8	5	-	-	10	10	800	1005.4	+8	SSW	4	51	97	5	5	-	-	10	10	450	1	4	52	46	*	0.2	4	*
LONDON OBSERVATIONS. Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations except for rainfall which is 9h-18h.														EXPLANATION OF FIGURES, LETTERS, etc.																						
HEIGHT ABOVE M.S.L. IN FEET.														Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.																						
Weather.														SOUTH KENSINGTON.																						
Morning, Afternoon, Night.														Max. Time. Min. Time.																						
24 hrs. ended 9h.														24 hrs. ended 7h. G.M.T. 27th.																						
Kew ...														Kew Observatory.																						
Croydon ...														Max. Time. Min. Time.																						
Greenwich (Royal Observatory) ...														Past 24 Hours.																						
City (Bunhill Row) ...														0 1 4 13-18 9 47-54																						
Westminster (St. James' Park) ...														1 1-3 5 19-24 10 55-63																						

‡ Maximum and Minimum Temperatures are for the 24 hours ending 8 h. † Sea disturbance reported from Dungeness

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

N. K. JOHNSON, D.Sc., A.R.C.S., Director.

THE DAILY WEATHER REPORT

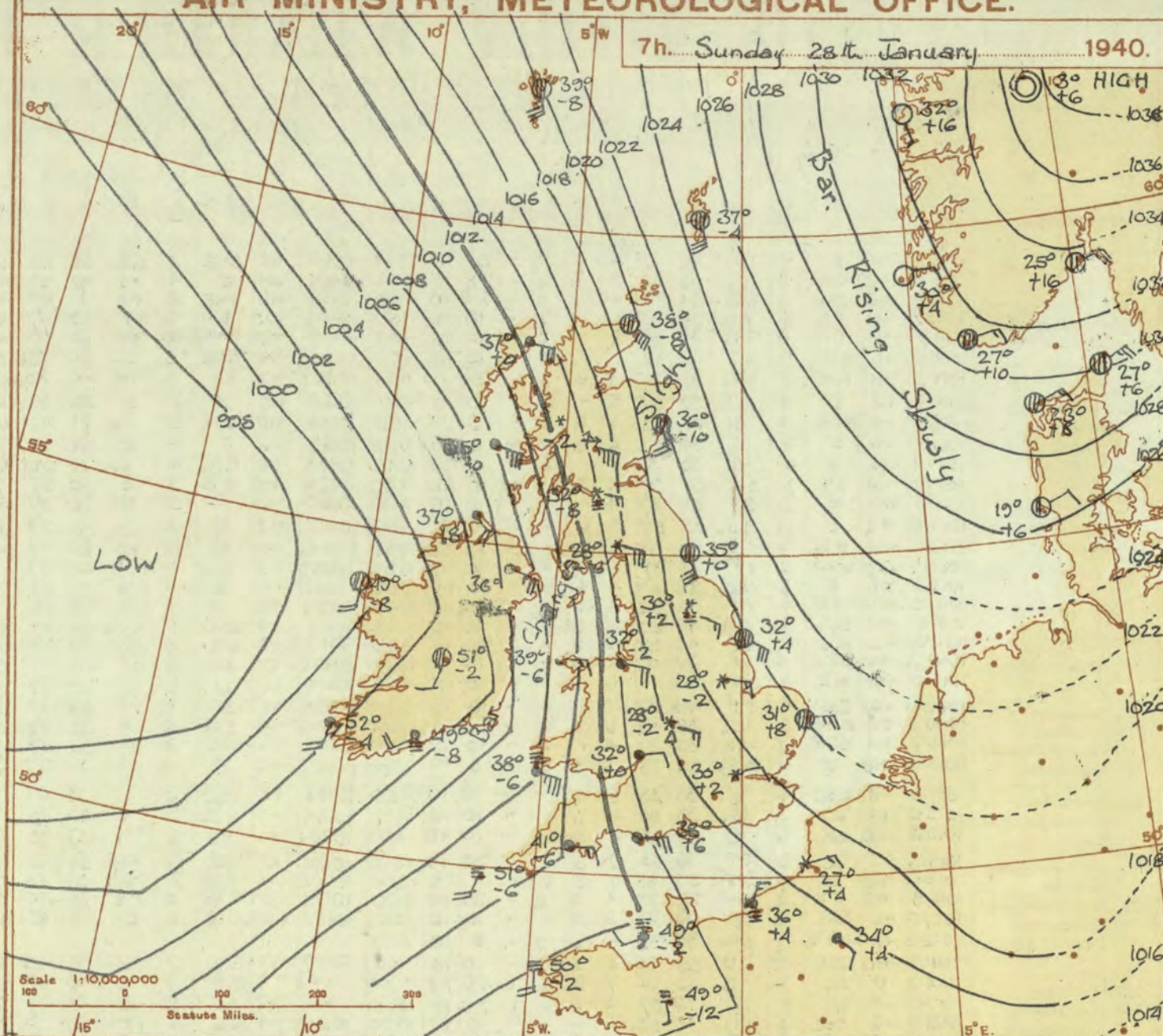
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 18th January 1940.
No. 28,556

OBSERVATIONS at 13h. G.M.T. 27th January														OBSERVATIONS at 18h. G.M.T. 27th January														PAST 24 HOURS.					
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. mi. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. mi. (22)	Cloud.					State of Ground. (29)	Sea. (30)	WEATHER.			
				Dirce. (3)	Force. (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Form. (23)					Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)			7h.—13h. 27th (37)	13h.—18h. 27th (38)	18h.—27h. 1h.—28th (39)	1h.—7h. 28th (40)
1	London (Kew)...	1013.5	+0	E	4	rs.	34	85	4	6	2	3	10	1500	1013.5	+10	E	4	rs.	33	85	4	6	2	3	10	1500	6	*	chrcm	chrcs	chrcs	chrcs
	Croydon ...	1013.4	+2	E	3	rs.	33	82	5	6	2	7-8	10	450	1013.5	+4	E	4	rs	32	92	4	6	2	3	10	450	1	*	chrcm	chrcs	chrcs	chrcs
	S. Farnborough	1013.2	+10	SE	3	rs.	34	87	5	6	2	7-8	10	450	1013.1	+16	E	4	rs	32	97	4	6	2	3	10	450	2	*	chrcm	chrcs	chrcs	chrcs
	Boscombe Down	1012.2	+4	E	4	rs.	34	87	4	2	2	10	10	450	1014.6	+20	E	3	rs	32	97	4	2	2	10	10	450	2	*	chrcm	chrcs	chrcs	chrcs
	Calshot (Soton.)	1011.9	+4	E	3	rs.	37	87	5	2	2	10	10	450	1013.8	+10	E	3	rs	35	97	4	2	2	10	10	800	1	*	chrcm	chrcs	chrcs	chrcs
	Lympne	1014.0	+6	E	5	rs.	32	92	5	2	2	10	10	800	1016.6	+4	E	5	rs	30	85	5	5	2	10	10	800	8	3	chrcm	chrcs	chrcs	chrcs
	Manston	1014.3	+4	E	8	rs.	31	97	4	6	2	9	10	450	1015.3	+2	E	5	rs	31	85	4	6	2	10	10	800	3	*	chrcm	chrcs	chrcs	chrcs
2	Shoeburyness	1014.8	+4	E	4	rs.	33	97	5	2	2	10	10	450	1016.3	+10	E	4	rs	32	92	6	6	2	10	10	800	8	3	chrcm	chrcs	chrcs	chrcs
	Felixstowe	1016.5	+4	SE	3	c	33	92	6	6	2	3	10	800	1017.6	+10	E	5	rs	32	92	6	6	2	10	10	800	8	3	chrcm	chrcs	chrcs	chrcs
	Gorleston	1017.3	+6	E	6	c	34	85	6	5	2	10	10	2500	1018.3	+6	E	6	c	32	75	7	5	2	10	10	2500	9	4	chrcm	chrcs	chrcs	chrcs
	Mildenhall	1016.8	+4	E	4	rs	33	97	5	2	2	10	10	1500	1017.3	+10	E	4	rs	31	92	6	2	2	10	10	1500	7	*	chrcm	chrcs	chrcs	chrcs
	Cranwell	1017.0	+10	E	3	rs.	31	97	5	5	2	10	10	800	1018.4	+10	E	3	c	30	97	7	5	2	10	10	1500	9	*	chrcm	chrcs	chrcs	chrcs
3	Birmingham	1014.1	+10	E	3	rs	31	97	4	2	2	10	10	800	1016.3	+10	E	3	rs	30	97	4	2	2	10	10	800	8	*	chrcm	chrcs	chrcs	chrcs
	Upper Heyford	1014.0	+8	E	3	rs.	32	97	5	6	2	10	10	450	1015.3	+12	E	3	rs	31	97	3	6	2	7-8	10	450	7	*	chrcm	chrcs	chrcs	chrcs
4	Ross-on-Wye	1013.1	+4	E	2	rs.	35	97	4	5	2	10	10	450	1014.6	+10	E	2	rs	33	97	4	5	2	10	10	450	1	*	chrcm	chrcs	chrcs	chrcs
5	Hartland Point	1003.2	+10	WSW	3	rs	48	97	1	2	2	10	10	1500	1008.9	-2	SW	3	rs	48	97	1	2	2	10	10	1500	1	3	chrcm	chrcs	chrcs	chrcs
	Bristol	1012.2	+8	E	8	rs.	36	97	4	6	2	10	10	800	1014.0	+6	E	2	rs	34	97	3	6	2	10	10	450	1	*	chrcm	chrcs	chrcs	chrcs
	Portland Bill	1010.5	+16	NE	4	rs	32	92	3	5	2	10	10	1500	1012.2	+16	E	4	rs	38	92	7	5	2	10	10	1500	1	4	chrcm	chrcs	chrcs	chrcs
	Plymouth	1010.5	+2	SW	1	rs.	47	97	4	5	2	10	10	1500	1011.1	+4	SW	1	rs	49	97	4	5	2	10	10	1500	1	2	chrcm	chrcs	chrcs	chrcs
	The Lizard	1010.8	+2	WS	4	rs.	49	97	2	5	2	10	10	450	1011.2	+2	WS	4	rs	50	97	2	5	2	10	10	450	1	3	chrcm	chrcs	chrcs	chrcs
	Soilly (St. Mary's)	1010.2	+6	WSW	4	rs.	52	97	2	5	2	10	10	1500	1010.2	0	SW	4	rs	51	97	2	5	2	10	10	1500	1	3	chrcm	chrcs	chrcs	chrcs
	Guernsey	1011.0	+2	WS	3	rs	50	97	6	5	2	10	10	450	1011.4	+4	W	2	rs	50	97	5	5	2	10	10	450	1	3	chrcm	chrcs	chrcs	chrcs
6	Pembroke	1003.0	+10	SE	4	rs.	43	97	2	2	2	10	10	1500	1003.3	+3	SE	3	rs	43	97	2	2	2	10	10	1500	1	3	chrcm	chrcs	chrcs	chrcs
7	Holyhead	1003.1	+12	E	6	rs.	38	92	6	5	2	10	10	1500	1003.3	+4	E	4	rs	39	92	5	2	2	10	10	800	1	2	chrcm	chrcs	chrcs	chrcs
	Chester (Sealand)	1014.7	+12	SE	4	rs	33	97	4	2	2	10	10	800	1015.8	+6	E	4	rs	32	97	3	2	2	10	10	450	7	*	chrcm	chrcs	chrcs	chrcs
8	Manchester	1015.3	+10	E	4	rs.	35	97	5	5	2	10	10	1500	1016.7	+12	E	4	rs	31	97	3	2	2	10	10	800	7	*	chrcm	chrcs	chrcs	chrcs
10	Spurn Head	1017.5	+8	ESE	6	c	33	85	6	5	2	10	10	450	1018.8	+2	ESE	6	c	33	85	7	5	2	10	10	450	6	4	chrcm	chrcs	chrcs	chrcs
	Catterick	1013.0	+4	E	3	rs.	33	92	6	5	2	10	10	800	1013.4	+2	ESE	3	c	32	75	7	5	2	10	10	800	7	*	chrcm	chrcs	chrcs	chrcs
	Tynemouth	1013.0	+10	SE	6	rs.	37	85	6	6	2	10	10	1500	1020.4	+6	SE	6	rs	37	75	6	6	2	10	10	1500	1	4	chrcm	chrcs	chrcs	chrcs
11	St. Abbs Head	1017.6	+2	SE	6	rs.	36	85	7	3	2	7-8	10	1500	1018.4	0	SE	6	rs	36	75	7	8	2	7-8	10	2500	1	4	chrcm	chrcs	chrcs	chrcs
	Leuchars	1013.6	+10	SE	7	rs.	37	85	7	5	2	7-8	10	1500	1020.0	0	ESE	7	rs	37	85	7	5	2	10	10	4000	4	*	chrcm	chrcs	chrcs	chrcs
12	Reitrew (Abbots L.)	1016.9	+10	E	4	rs.	37	75	4	5	2	10	10	800	1017.1	0	ESE	4	rs	36	75	5	5	2	10	10	2500	6	*	chrcm	chrcs	chrcs	chrcs
	Eskdalemuir	1017.9	+6	ESE	5	rs.	33	85	6	5	2	10	10	800	1018.1	0	ESE	5	rs	31	85	6	5	2	10	10	800	9	*	chrcm	chrcs	chrcs	chrcs
	Point of Ayre	1012.8	+8	SE	7	rs.	36	92	6	6	2	9	10	800																			
13A	Tiree	1011.2	+10	ESE	7	rs.	39	75	8	5	1	10	10	2500	1010.7	-2	ESE	7	rs	37	85	6	6	2	10	10	1500	1	5	chrcm	chrcs	chrcs	chrcs
13B	Stornoway	1014.3	0	SE	7	c	43	65	7	5	4	6-7	7-8	1500	1014.3	-2	ESE	6	c	40	65	7	5	7	4-6	9	4000	1	3	chrcm	chrcs	chrcs	chrcs
15	Dalwhinnie	1017.0	-14	SE	9	rs	37	85	3	6	1	7-8	8	1500	*	-2	SE	9	rs	30	97	5	8	7	7-8	10	1500	4	*	chrcm	chrcs	chrcs	chrcs
	Aberdeen	1022.0	+8	SE	4	rs.	37	85	6	6	1	10	10	1500	1021.0	-4	SE	4	rs	37	75	5	5	2	10	10	1500	1	3	chrcm	chrcs	chrcs	chrcs
	Wick	1021.2	+8	SE	9	rs	35	75	7	5	7	7-8	10	1500	1021.0	-2	SE	8	rs	38	92	7	5	7	7-8	10	1500	1	4	chrcm	chrcs	chrcs	chrcs
16	Lerwick	1026.2	+6	SE	6	c	37	75	8	7	2	4-6	7-8	1500	1027.8	+2	SE	6	c	36	75	8	5	7	7-8	10	1500	4	*	chrcm	chrcs	chrcs	chrcs
17	Blacksod Point	1002.4	0	SE	2	rs	48	97	6	6	2	10	10	1500	1002.7	0	SE	4	rs	48	97	6	6	2	10	10	1500	1	4	chrcm	chrcs	chrcs	chrcs
18	Malin Head	1008.6	0	E	3	rs	37	85	6	6	2	10	10	1500	1007.7	-8	ESE	5	rs	37	85	6	6	2	10	10	800	1	4	chrcm	chrcs	chrcs	chrcs
	Aldergrove	1010.3	+2	E	5	rs.	35	97	5	6	2	10	10	450	1010.0	-2	E	6	rs	35	92												

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 28th January 1940.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th January, 1940.

1 S.E. England	Moderate east wind, fresh on coasts; occasional snow; cold with slight frost day and night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind southeast, moderate or fresh; occasional rain, sleet or snow; cold, except in extreme southwest.
6 South Wales ...	
7 North Wales ...	Fresh southeast wind, strong on coasts; some sleet or snow; cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Fresh southeast wind, strong to gale on coasts; some sleet or snow; cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Strong southeast wind; light sleet or snow showers; cold.
17 N. W. Ireland	Moderate to fresh south wind; some rain; rather mild.
18 N. E. Ireland	Fresh southeast wind, strong on coasts; some rain, sleet or snow; cold.
19 S. E. Ireland	
20 S. W. Ireland	As 17.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone is centred over Scandinavia and a trough of low pressure over Ireland and Southwest England is almost stationary. Wintry weather will continue over most of England and Scotland.

FURTHER OUTLOOK.

Cold weather continuing over most of the British Isles.

Time of Issue of Gale Warnings.

Gale warnings issued for districts 13B, 18 at 2000 on 25/1/40, districts 7,8,12,13A at 0145 on 26/1/40, districts 15 and 16 at 0920 on 26/1/40 districts 10 and 11 at 1445 on 26/1/40, district 6 at 1515 on 27/1/40.

Forecasts issued at 1030.

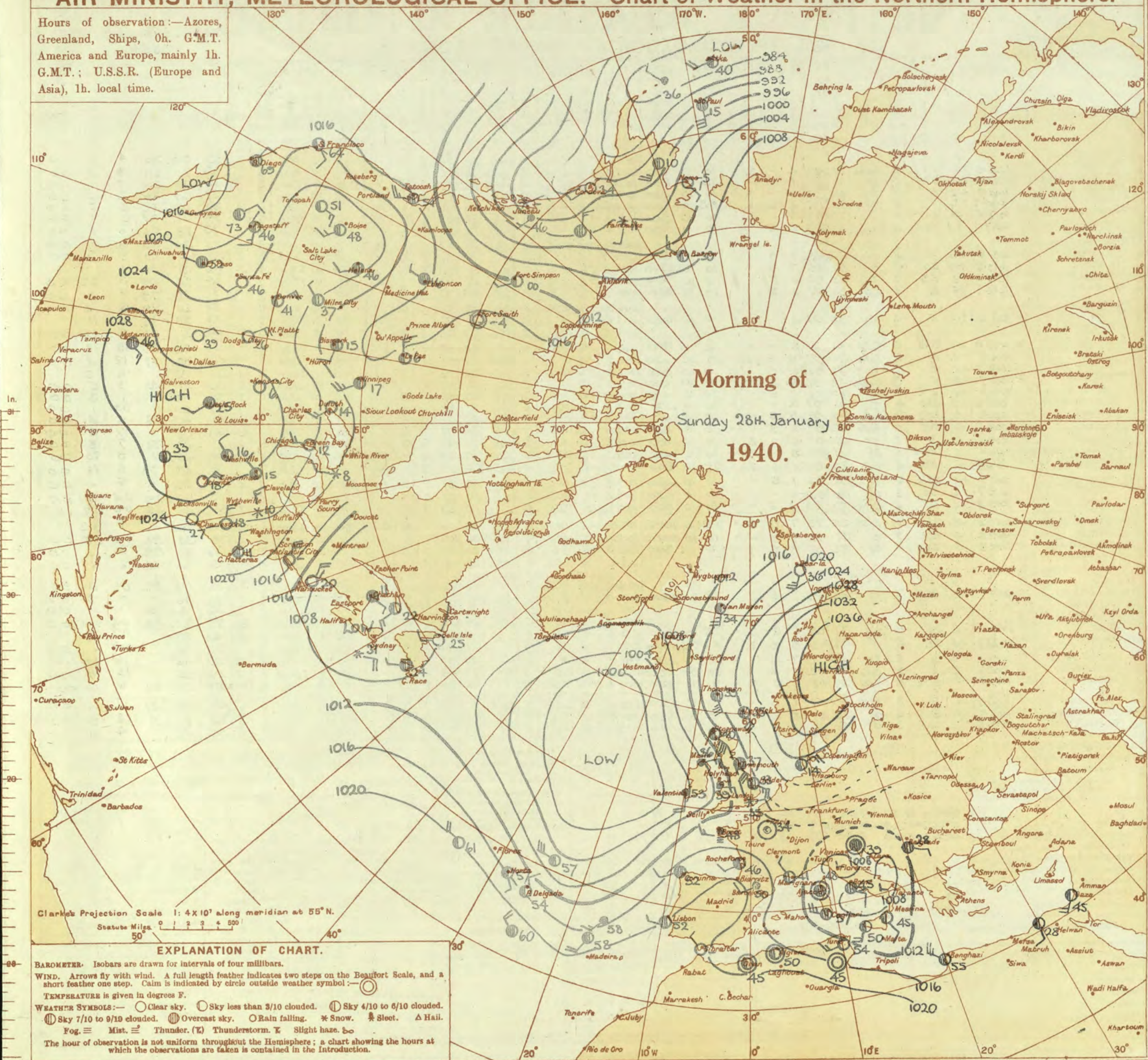
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornhill House, S.E.1.

8474/3808. W. 8108. D. 4626. Op. 948. 1/40.

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 28th January 1940.
No 28556

OBSERVATIONS at 1 hr. G.M.T. 28th January														OBSERVATIONS at 7 hr. G.M.T. 28th January														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. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sun-shine 24 Hrs.			
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-15h °F.	Min. Night 15h-7h °F.			Min. on Grass °F.	Day 7h-15h mm.	Night 15h-7h mm.						
																																0-12	0-10		0-10	0-10	0-9
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1017.3	+2	E	3	20	30	85	6	S	-	-	10	10	1500	8	*	35	30	30	4	1	0.0		
	Croydon	217	1016.3	+6	E/N	2	Ss	30	97	4	-	-	-	10	10	800	1017.1	+2	E/N	2	Ss	30	92	5	-	-	10	10	800	8	*	35	29	29	5	14	0.0
	S. Farnborough	226	1014.6	+6	E/N	3	rr	31	97	4	-	-	-	10	10	800	1016.4	+2	E	4	ddo	30	97	5	-	-	10	10	800	5	*	35	30	30	7	11	0.0
	Boscombe Down	417	1014.9	+2	E	3	dd	32	97	3	-	-	-	10	10	450	1015.3	0	E/S	3	df	31	97	3	-	-	10	10	450	5	*	37	30	30	8	4	0.0
	Calshot (Stmntn.)	8	1012.7	+2	E	4	RR	33	97	3	-	-	-	2.3	10	800	1014.8	+2	E/N	5	ldo	33	92	4	-	-	10	10	450	1	3	39	32	32	9	7	0.0
	Lympe	346	1017.4	0	E/N	4	150	29	92	5	-	-	-	2	10	800	1018.3	+4	E/N	5	150	27	85	6	-	-	10	10	1500	8	33	34	27	27	3	1	0.0
	Manston	154	1017.7	+4	ESE	4	20	30	85	6	-	-	-	10	10	1500	1018.4	+6	SE	4	20	29	85	5	-	-	0+	9+	800	9	*	33	28	28	6	2	0.0
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.5	+4	ESE	4	m	31	85	4	-	-	10	10	800	8	*	33	30	30	8	1	0.0	
	Felixstowe	15	1019.6	+6	E	4	0	32	85	7	-	-	-	10	10	1500	1020.4	+8	E/S	5	0	31	85	7	-	-	10	10	2500	9	4	34	31	30	1	-	0.0
	Gorleston	5	1019.7	+4	ES	5	0	32	85	7	-	-	-	10	10	2500	1019.0	+2	E/S	4	150	31	92	6	-	-	10	10	1500	7	*	34	28	29	3	0.2	0.0
	Mildenhall	19	1019.0	+8	ES	3	20	32	97	6	-	-	-	10	10	800	1019.3	-2	E/S	3	Ss	28	97	4	-	-	10	10	800	9	*	32	28	29	*	*	0.0
	Cranwell	240	1019.1	+6	E	4	Ss	30	97	4	-	-	-	10	10	800	1019.3	-2	E/S	3	Ss	28	97	4	-	-	10	10	800	9	*	32	28	29	*	*	0.0
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.5	-2	ESE	3	Sh	28	97	4	-	-	10	10	800	8	*	33	28	29	8	18	0.0	
	Upper Heyford	408	1017.2	+12	E	3	Ss	30	97	4	-	-	-	10	10	450	1016.8	-4	E	3	Ss	29	97	4	-	-	10	10	450	9	*	33	28	28	6	11	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.8	0	E	2	ldo	32	97	5	-	-	10	10	800	5	*	36	31	31	9	10	0.0	
5	Hartland Point	299	1009.9	0	SSE	3	10	41	97	6	-	-	-	10	10	800	1008.7	-2	SSE	4	0	39	97	6	-	-	10	10	1500	1	2	40	39	39	15	18	0.0
	Bristol	209	1014.8	-4	E	3	10	32	97	4	-	-	-	9	10	450	1014.5	-4	E	4	ddo	32	97	4	-	-	7.8	10	450	1	*	40	32	31	12	4	0.0
	Portland Bill	32	1012.5	-4	E	5	rr	37	92	6	-	-	-	10	10	800	1012.7	+6	E	5	rr	38	92	6	-	-	10	10	1500	1	4	46	36	*	11	5	0.0
	Plymouth	82	1011.7	+2	E	3	ddo	42	92	5	-	-	-	10	10	450	1011.1	-6	E	3	rr	41	97	6	-	-	10	10	450	1	2	50	41	40	3	5	0.0
	The Lizard	240	1011.0	+4	W/S	4	df	50	97	2	-	-	-	10	10	450	1009.9	-10	W	3	df	49	97	2	-	-	2.3	10	450	1	2	50	49	*	1	3	0.0
	Scilly (St. Mary's)	163	1009.9	+2	SW	4	f	51	97	2	-	-	-	10	10	450	1009.0	-6	SSW	4	f	51	97	2	-	-	10	10	450	1	3	52	50	*	0.4	1	0.0
	Guernsey	175	1011.6	0	W	3	10	50	97	6	-	-	-	10	10	450	1011.7	+2	WSW	2	rr	49	97	2	-	-	10	10	220	1	3	51	49	46	4	4	0.0
6	Pembroke	142	1009.1	0	SE	6	10	38	97	6	-	-	-	10	10	800	1009.0	-6	SE	7	rr	38	97	3	-	-	10	10	800	1	3	40	37	*	12	8	0.0
7	Holyhead	26	1009.6	0	E	3	rr	39	97	6	-	-	-	10	10	800	1008.5	-6	E	3	dd	39	97	6	-	-	9	10	450	1	2	41	37	37	7	18	0.0
	Chester (Sealand)	16	1016.1	0	ESE	4	Sf	31	92	3	-	-	-	10	10	450	1015.3	-2	SE/E	5	10	32	92	4	-	-	10	10	450	7	*	35	30	*	9	20	0.0
8	Manchester	70	1016.8	-4	E/S	4	Ss	30	97	4	-	-	-	9+	10	800	1009.4	-2	E/S	4	Ss	30	97	5	-	-	10	10	800	9	*	29	30	30	5	16	0.0
10	Spurn Head	29	1019.9	+4	SE/E	5	0	33	92	7	-	-	-	10	10	450	1019.8	+4	SE	6	0	32	97	7	-	-	10	10	450	4	4	34	32	*	Tr	-	0.0
	Catterick	175	1019.7	+2	SE	2	Sf	30	92	3	-	-	-	10	10	450	1019.6	+2	SE/E	3	Sf	30	97	3	-	-	10	10	450	9	*	33	29	29	0.4	5	0.0
	Tynemouth	108	1019.4	-4	SE	6	C/RS	37	85	7	-	-	-	10	10	1500	1019.9	0	SSE	6	C	35	85	7	-	-	10	10	1500	1	3	38	35	33	0.6	0.2	*
11	St. Abbs Head	280	1017.4	-8	SE	7	C/PS	35	75	7	-	-	-	7.8	10	1500	1017.0	-4	SE	8	Cq	36	75	7	-	-	7.8	10	2500	0	4	37	34	*	0.4	0.3	*
	Leuchars	36	1019.2	-6	ESE	7	0	37	92	7	-	-	-	10	10	2500	1018.5	-6	ESE	7	10	36	85	7	-	-	10	10	2500	4	*	39	34	32	0.4	0.6	0.0
12	Renfrew (Abbots I.)	19	1016.5	-8	ESE	4	Sf	32	97	3	-	-	-	10	10	800	1015.6	-8	E/S	3	Sf	32	97	3	-	-	10	10	800	7	*	36	31	32	Tr	1	0.0
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.9	-6	SE/E	6	Ss	28	97	4	-	-	10	10	450	9	*	33	28	28	Tr	11	0.0	
	Point of Ayre	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.3	0	SE/E	7	rr	35	92	6	-	-	10	10	1500	1	5	40	33	32	0.3	10	0.0	
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.9	-2	ESE	6	rr	37	92	6	-	-	4.6	10	1500	1	3	43	36	*	-	3	3.2	
13b	Stornoway	80	1013.9	-2	ESE	7	C	40	65	7	-	-	-	7.8	10	2500	1012.9	-2	ESE	6	rr	37	92	6	-	-	4.6	10	1500	1	3	43	36	*	-	3	3.2
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.5	-10	SE	5	0	36	75	6	-	-	10	10	2500	1	3	39	34	32	0.4	0.1	0.0
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*																									

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

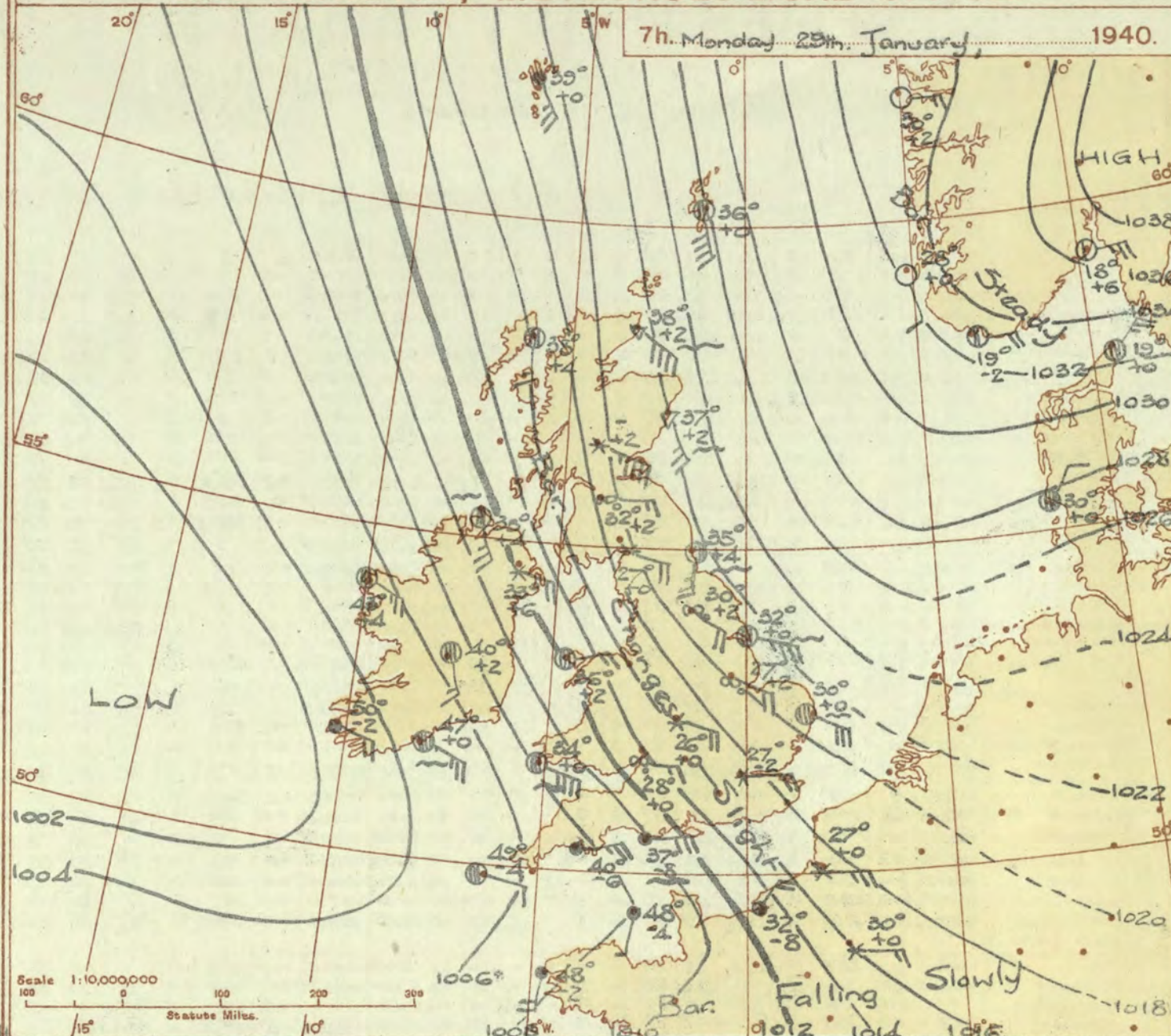
Monday 29th January 1940.

No. 28557.

OBSERVATIONS at 13h. G.M.T. 28th January														OBSERVATIONS at 18h. G.M.T. 28th January														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visib. 0-9 (8)	Cloud.			Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.			Barom. at M.S.L. mb. (29)	Change in 3 hours. (30)	WEATHER.											
				Direc.	Force. 0-12 (4)				Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)			Direc.	Force. 0-12 (18)				Form.	Amount. Low 0-10 Total 0-10 (26) (27)	Height of Base. (feet) (28)			State of Ground. 0-9 (29)	Sea. 0-9 (30)	7h.-13h. 28th (37)	13h.-18h. 28th (38)	18h.-24h. 29th (39)	1h.-7h. 29th (40)						
1	London (Kew)...	1017.5	0	E'N	4	31	85	5	2	-	4-6	10	1017.5	0	E	4	31	85	4	6	2	-	7-8	10	1017.5	0	E	4	31	85	4	6	2	-	hcs,ss,cm,chr,cs, Cro, Sols, Cn, Sols, M
	Croydon ...	1017.9	0	E	3	30	92	6	2	-	10	10	1017.5	-2	E	4	30	97	5	6	2	-	10	10	1500	8	*	ass,mm,am,air,orming,om,ss,ss							
	S. Farnborough	1017.1	-2	E'N	4	30	97	4	5	-	10	10	1016.5	+2	E'N	3	30	97	5	5	-	10	10	800	5	*	d,d,m,d,orm								

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 29th January, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th January, 1940.
1 S.E. England	Moderate or fresh east wind; occasional snow; frost day and night.
2 E. England ...	Moderate or fresh east wind; cloudy, slight snow showers, frost day and night.
3 E. Midlands ...	Moderate or fresh east wind; some snow; frost day and night.
4 W. Midlands ...	Moderate or fresh east wind, strong on coasts; some snow or sleet except in extreme southwest; cold.
5 S.W. England	Moderate or fresh east wind, strong on coasts; some snow; slight frost day and night.
6 South Wales ...	As 1.
7 North Wales ...	Fresh east to southeast wind, strong on coasts; occasional snow; cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate or fresh east to southeast wind, strong on coasts; occasional snow, slight frost day and night.
13 { A.W. Scotld. B.N.W. Scot-land.	
14 Mid Scotland	Fresh east to southeast wind, strong to gale on coasts; some snow; cold.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 6 - 7.
18 N. E. Ireland	
19 S. E. Ireland	Moderate or fresh east to southeast wind, strong on coasts; rain or sleet; cold.
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone is centred over Scandinavia and a trough of low pressure over Ireland and Southwest England is almost stationary. Wintry weather will continue over most of the British Isles.

FURTHER OUTLOOK.

Wintry weather continuing for several days.

Time of Issue of Gale Warnings.

Warning of gale issued at 2000 on 25/1/40 in districts 15 and 16, in districts 17 and 18 at 0145 on 26/1/40, districts 1, 2, and 3 at 0920 on 26/1/40, districts 4 and 5 at 1445 on 26/1/40, districts 19 at 1515 on 27/1/40.

Forecasts issued at

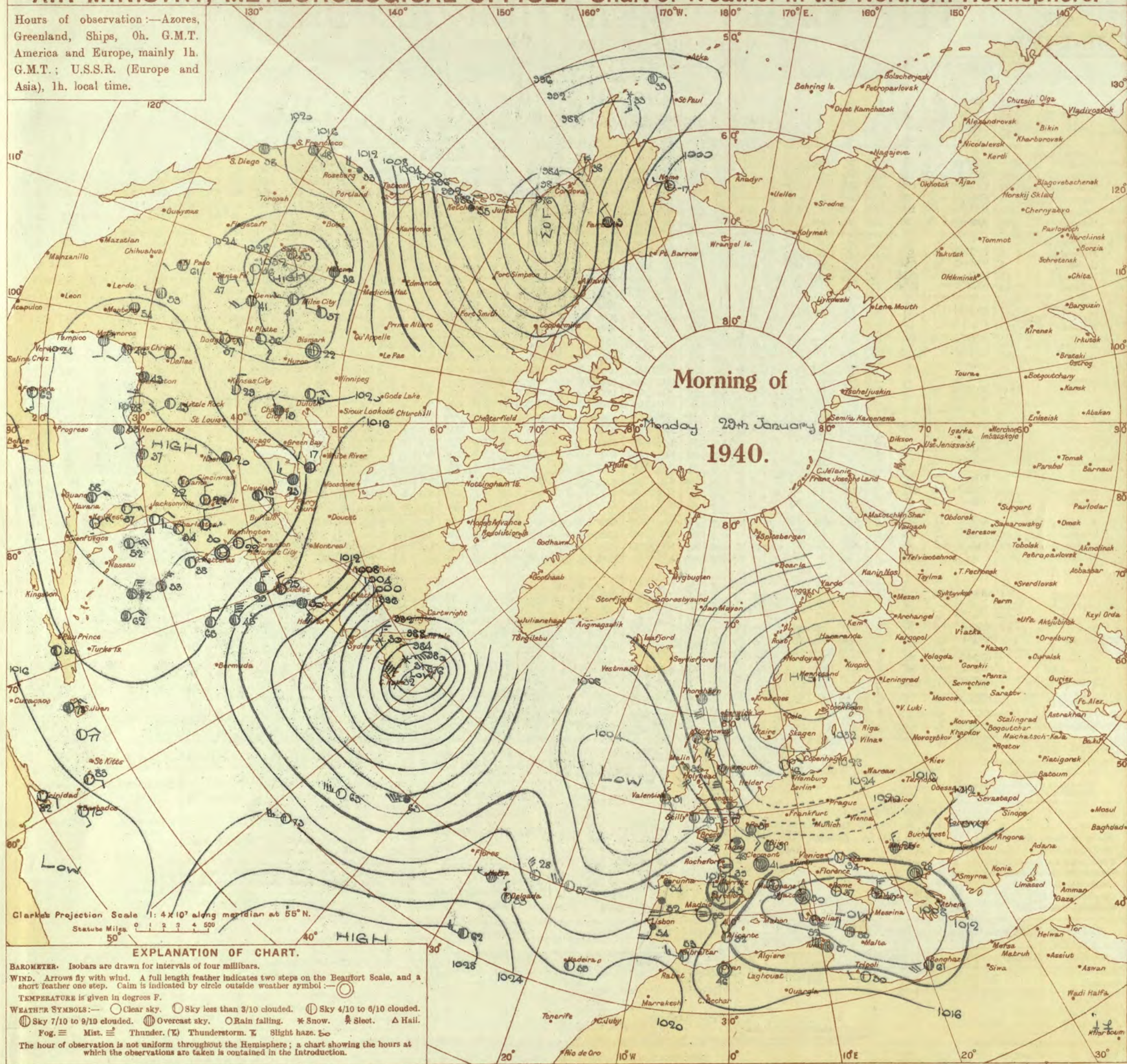
H.M.S.O. Press, Cornwall House, S.E.1.

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

2474.3908. No. 5109. D. 4626. 6p. 348. 1/40.

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T.
America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 29th January														OBSERVATIONS at 7 hr. G.M.T. 29th January														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. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Sea.	TEMPERATURE.			RAINFALL.			Sun-shine Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground.	0-9	0-9	Max. Day 7h-13h °F.		Min. Night 13h-7h °F.	Min. on Grass °F.	Day 7h-13h mm.	Night 13h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 30th January 1940.
No 28,558

MINISTRY OF AGRICULTURE AND FISHERIES

23rd January

OBSERVATIONS at 13h. G.M.T

29th January

PAST 24 HOURS.

29th January

DISTRICT.	STATIONS.	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.						Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.						State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				Direc. (3)	Force. (4)					Form.	Amount. Low Total 0-10 0-10 (12) (13)	Height of Base. (feet) (14)	Direc. (17)	Force 0-12 (18)	Form.			Amount Low Total 0-10 0-10 (24) (25) (26) (27)	Height of Base (feet) (28)					7h.—18h. 29 th Jan (37)	18h.—18h. 29 th Jan (38)	18h.—18h. 30 th Jan (39)	1h.—7h. 30 th Jan (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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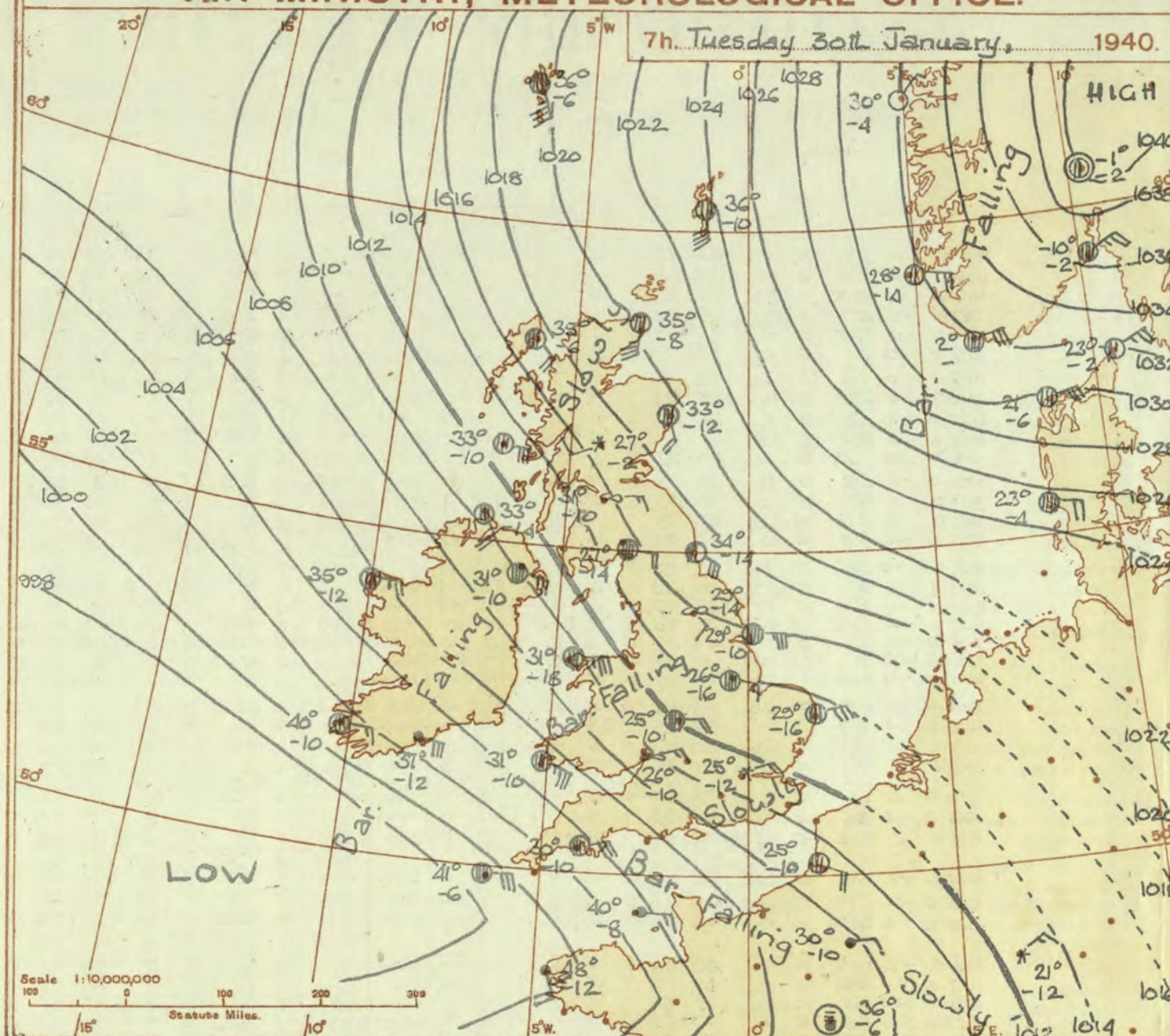
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.	COLUMNS 9, 23.—FORM OF LOW CLOUD.	COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.	COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.
<p>b, blue sky (not more than a quarter covered with cloud).</p> <p>bc, sky partly cloudy (one half covered). c, generally cloudy.</p> <p>d, drizzle. e, wet air. g, gloom.</p> <p>f, fog, visibility 220–1100 yds.</p> <p>F, thick fog „ less than 220 yds.</p> <p>fs, low fog over sea (coast station).</p> <p>fg, low fog over land (inland station).</p> <p>m, mist, visibility 1100–2200 yds.</p> <p>h, hail. i, intermittent.</p> <p>jf, fog at a distance, but not at station.</p> <p>jp, precipitation within sight of station.</p> <p>ks, storm of drifting snow.</p> <p>k/s, slight storm of drifting snow (generally low).</p> <p>k/S, heavy storm of drifting snow (generally low).</p> <p>s/k, slight storm of drifting snow (generally high).</p> <p>S/k, heavy storm of drifting snow (generally high).</p> <p>KQ, line squall. l, lightning.</p> <p>o, overcast sky. p, passing showers.</p> <p>q, squalls. r, rain. s, snow.</p> <p>ra, sleet. t, thunder.</p> <p>u, ugly, threatening sky.</p> <p>v, unusual visibility. w, dew.</p> <p>x, hoar frost. y, dry air.</p> <p>z, dust haze: the turbid atmosphere of dry weather.</p> <p>h(r), “hail” or “rain and hail.”</p> <p>Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r, slight rain.</p> <p>rr, continuous rain.</p> <p><, less than (for cloud height). /gale.</p> <p>☉ Solar halo. ☾ Lunar halo. ☀ Aurora.</p> <p>With present weather is combined, whenever possible, the general character of the weather.</p> <p>A “solidus” divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain: —, has decreased; +, has increased.</p>	<p>0 No low clouds.</p> <p>1 Fair weather Cu.</p> <p>2 Large Cu without anvil.</p> <p>3 Cb.</p> <p>4 Sc formed by the spreading out of Cu.</p> <p>5 Layer of St or Sc.</p> <p>6 Ragged low clouds of bad weather (or fractonimbus).</p> <p>7 Fair weather Cu and Sc.</p> <p>8 Large-Cu (or Cb) and Sc.</p> <p>9 Large-Cu (or Cb) and ragged low clouds of bad weather.</p>	<p>0 No medium clouds.</p> <p>1 Typical As (thin).</p> <p>2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).</p> <p>3 Single layer of Ac or high Sc.</p> <p>4 Ac in isolated patches. Individually decreasing (often lenticular).</p> <p>5 Ac in bands (increasing).</p> <p>6 Ac formed from the spreading out of Cu.</p> <p>7 Ac associated with As or As with parts resembling Ac.</p> <p>8 Ac Castellatus (or Ac in ragged fragments).</p> <p>9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.</p>	<p>0 No cirriform cloud.</p> <p>1 Fine Ci not increasing: sparse.</p> <p>2 Fine Ci not increasing: abundant but not a continuous layer.</p> <p>3 Anvil Ci (usually dense).</p> <p>4 Fine Ci increasing: usually in tufts.</p> <p>5 Ci or Cs increasing: still below 45° altitude: often in polar bands.</p> <p>6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.</p> <p>7 Veil of Cs covering whole sky.</p> <p>8 Cs not increasing and not covering whole sky.</p> <p>9 Cc predominating, and a little cirrus. (Cc may occur with any of the types 1 to 8).</p>
	<p>COLUMNS 12, 13, 26, 27.</p> <p>Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.</p> <p>Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.</p> <p>An entry “4-6” means that the cloud amount may be 4, 5 or 6: similarly for other grouped entries.</p> <p>“tr” signifies a small amount of cloud (trace) covering less than 1/20 of the sky.</p> <p>“9+” signifies an overcast sky with a few small openings.</p> <p>† Sea disturbance reported from Dungeness.</p>	<p>Cloud form abbreviations:—</p> <p>Cirrus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Altopcumulus,—Ac: Altostratus,—As: Stratocumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb.</p>	
		<p>COLUMN 29.—STATE OF GROUND.</p> <p>0 .. Ground dry.</p> <p>1 .. „ wet.</p> <p>2 .. „ flooded.</p> <p>3 .. „ frozen hard and dry.</p> <p>4 .. „ partly covered with snow or hail.</p> <p>5 .. „ covered with ice or glazed frost.</p> <p>6 .. „ covered with thawing snow.</p>	<p>7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen.</p> <p>8 .. „ covered with snow, less than 6 ins., but ground frozen.</p> <p>9 .. „ covered with snow greater than 6 ins. deep.</p> <p>.. Fresh snow has fallen in the mountains.</p>

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 30th January, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th January, 1940.
1 S.E. England	Wind east moderate to fresh, strong to gale on coast; dull with intermittent snow; very cold at first, with temperature rising slowly.
2 E. England ...	
3 E. Midlands ...	Wind east moderate to fresh, strong to gale on coasts; dull, with light snow showers near the coast; very cold at first, with temperature rising slowly tomorrow.
4 W. Midlands ...	
5 S.W. England	Wind east fresh to strong, gale on coasts; dull, with rain and snow, and glazed frost locally; cold.
6 South Wales ...	
7 North Wales ...	Wind east to southeast, moderate to fresh, strong to gale on coasts; cloudy, very cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind south to southeast fresh to strong, gale on coasts; dull, with local snow showers, temperatures around freezing point on coast, and colder inland.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scot- land.	As 6 - 9.
14 Mid Scotland	
15 N. E. Scotland	As 10 - 11.
16 Orkneys and Shetlands	Wind southerly gale; cloudy with snow showers; cold.
17 N.W. Ireland	Wind east to southeast, moderate to fresh, strong to gale on coasts; cloudy with occasional rain in the extreme south; cold, with frost inland.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An extensive anticyclone centred over the Gulf of Bothnia is moving slowly southeastwards, and pressure is low to the southwest of the British Isles. A trough of low pressure from Central to Northwest France and thence west-north-westwards is almost stationary. It will be dull generally with wintry showers along the east coasts of England and Scotland and rain or snow in Southern England and Southern Eire. Strong to gale winds will persist on most coasts. It will be cold generally with sharp frost in many districts.

FURTHER OUTLOOK.

Cold, but temperatures rising slowly in most districts; some rain and snow in the south, with possibility of glazed frost locally; wintry showers in the east.

Gale warnings issued in districts 15, 16 at 2000, 25/1. 1, 2, 3 at 0920, 26/1. 4, 5 at 1445, 26/1. 17, 18 at 0145 26/1. 19 at 1515, 27/1. 6, 7, 8, 9 at 1450 29/1. 10, 11, 12 at 0925, 30/1/40.

Forecasts issued at 1030.

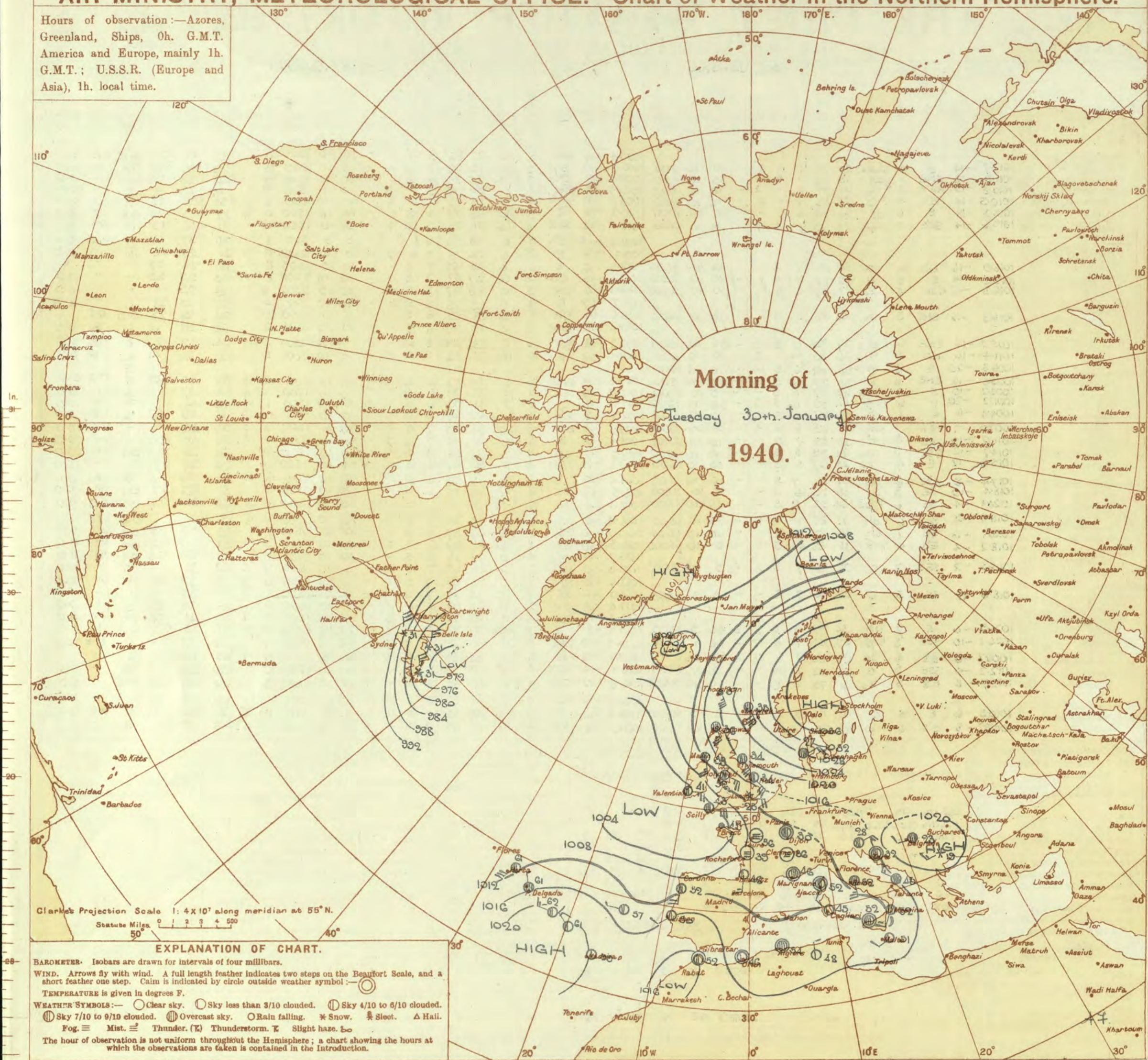
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

6474/3806. H. 8105. D. 4626. 6p. 998. 1/40.

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Tuesday 30th January 1940.
No. 23,553

OBSERVATIONS at 1 hr. G.M.T. 30th January															OBSERVATIONS at 7 hr. G.M.T. 30th January															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. (5)	Temp. °F. (6)	Humid. % (7)	Visiblity. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visiblity. (22)	Cloud.					Barom. at M.S.L. (29)	Change in 3 hours. (30)	Wind.		Weather. (33)	Temp. °F. (34)	Humid. % (35)	Visiblity. (36)	TEMPERATURE.					SUN-SHINE Hrs. (38)					
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base (feet) (11)	Direc. (17)	Force. (18)			Form. (23)	Amount. (24)					Height of Base (feet) (25)	State of Ground. (26)	Sea. (27)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h mm. (34)					Night 18h-7h mm. (35)										
1	London (Kew)	18	1012.7	-14	E	4	30.3	25	97	4	2	10	10	800	1003.4	-14	ENE	5	2	27	85	5	5	10	10	1500	8	29	26	27	0.2	0.6	0.0	29	26	27	0.2	0.6	0.0	29	26	27	0.2	0.6	0.0		
	Croydon	217	1011.9	-12	ENE	3	33	25	92	3	5	10	10	800	1010.1	-12	ENE	3	3	25	97	4	5	10	10	800	3	28	24	24	Tr	9	0.0	28	24	24	Tr	9	0.0	28	24	24	Tr	9	0.0		
	S. Farnborough	226	1010.8	-13	ENE	5	33	24	97	4	2	10	10	800	1009.1	-14	ENE	3	3	25	92	3	5	10	10	1500	8	28	24	23	6	3	0.0	28	24	23	6	3	0.0	28	24	23	6	3	0.0		
	Boscombe Down	417	1010.3	-14	NEE	4	33	27	85	4	2	10	10	450	1008.7	-10	NEE	4	3	27	85	4	2	10	10	450	8	29	26	26	2	0.3	0.0	29	26	26	2	0.3	0.0	29	26	26	2	0.3	0.0		
	Calshot (Stmntn.)	8	1013.3	-18	E	6	33	24	92	4	5	10	10	1500	1010.2	-16	E	5	3	25	92	5	5	10	10	1500	3	27	23	23	0.2	0.2	0.0	27	23	23	0.2	0.2	0.0	27	23	23	0.2	0.2	0.0		
	Lympne	346	1013.6	-14	SEE	5	33	27	75	6	5	7	10	1500	1010.1	-18	SEE	4	3	26	75	5	5	7	10	1500	3	31	25	23	Tr	0.3	0.0	31	25	23	Tr	0.3	0.0	31	25	23	Tr	0.3	0.0		
	Manston	154	1013.6	-14	SEE	5	33	27	75	6	5	7	10	1500	1010.1	-18	SEE	4	3	26	75	5	5	7	10	1500	3	31	25	23	Tr	0.3	0.0	31	25	23	Tr	0.3	0.0	31	25	23	Tr	0.3	0.0		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1011.2	-14	EN	3	C	28	92	5	6	10	10	800	8	30	27	26	Tr	0.1	0.0	30	27	26	Tr	0.1	0.0	30	27	26	Tr	0.1	0.0		
	Felixstowe	15	1016.9	-16	E'S	6	0	30	85	7	8	10	10	2500	1013.2	-16	E	3	C	28	75	7	6	10	10	2500	8	31	27	26	Tr	0.3	0.0	31	27	26	Tr	0.3	0.0	31	27	26	Tr	0.3	0.0		
	Gorleston	5	1015.2	-14	E	5	0	28	87	7	5	10	10	2500	1012.1	-18	EN	5	C	27	97	7	5	10	10	2500	8	30	27	25	Tr	0.0	0.0	30	27	25	Tr	0.0	0.0	30	27	25	Tr	0.0	0.0		
	Cranwell	240	1016.8	-10	ESE	4	0	27	87	6	5	10	10	2500	1014.1	-16	ESE	3	C	26	97	7	5	10	10	2500	9	28	25	Tr	Tr	0.0	0.0	28	25	Tr	Tr	0.0	0.0	28	25	Tr	Tr	0.0	0.0		
3	Birmingham	535	1013.3	-16	ENE	5	0	26	85	5	5	10	10	1500	1011.7	-10	E	4	0	25	75	5	5	10	10	800	9	26	25	21	Tr	0.0	0.0	26	25	21	Tr	0.0	0.0	26	25	21	Tr	0.0	0.0		
	Upper Heyford	408	1013.3	-16	ENE	5	0	26	85	5	5	10	10	1500	1011.4	-10	EN	4	0	25	85	6	5	10	10	1500	9	24	24	23	0.3	0.1	0.0	24	24	23	0.3	0.1	0.0	24	24	23	0.3	0.1	0.0		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1010.2	-10	ENE	3	0	26	92	6	5	10	10	800	8	28	25	24	Tr	0.0	0.0	28	25	24	Tr	0.0	0.0	28	25	24	Tr	0.0	0.0		
5	Hartland Point	299	1005.2	-14	ENE	6	0	27	85	6	5	2	10	1500	1002.2	-18	ENE	6	0	28	85	6	5	2	10	1500	5	36	27	27	Tr	0.0	0.0	36	27	27	Tr	0.0	0.0	36	27	27	Tr	0.0	0.0		
	Bristol	209	1011.4	-16	EN	4	0	26	85	4	2	10	10	800	1009.1	-10	E	4	0	26	85	5	5	10	10	800	8	31	26	25	Tr	0.0	0.0	31	26	25	Tr	0.0	0.0	31	26	25	Tr	0.0	0.0		
	Portland Bill	32	1006.8	-20	E	6	0	29	92	6	5	10	10	1500	1003.3	-10	ENE	6	0	30	85	6	5	2	10	800	5	40	30	29	4	0.2	0.0	40	30	29	4	0.2	0.0	40	30	29	4	0.2	0.0		
	Plymouth	82	1005.8	-12	ENE	6	0	29	97	6	5	10	10	800	1000.8	-16	E	7	0	33	92	6	5	10	10	1500	1	45	37	3	Tr	0.0	0.0	45	37	3	Tr	0.0	0.0	45	37	3	Tr	0.0	0.0		
	The Lizard	240	1003.2	-20	E	6	0	29	97	6	5	10	10	1500	999.7	-16	E	6	0	31	97	6	5	10	10	1500	1	49	41	3	Tr	0.0	0.0	49	41	3	Tr	0.0	0.0	49	41	3	Tr	0.0	0.0		
	Scilly (St. Mary's)	163	1001.2	-20	E	6	0	29	97	6	5	10	10	1500	1002.3	-8	EN	3	0	40	97	5	5	10	10	1500	1	31	40	40	15	3	0.0	0.0	31	40	40	15	3	0.0	0.0	31	40	40	15	3	0.0
	Guernsey	175	1004.8	-6	E	1	0	41	97	1	5	10	10	1150	1004.6	-10	ESE	7	0	31	85	7	5	10	10	1500	3	35	29	30	Tr	0.0	0.0	35	29	30	Tr	0.0	0.0	35	29	30	Tr	0.0	0.0		
6	Pembroke	142	1007.5	-2	SEE	7	0	31	82	6	8	10	10	800	1004.6	-10	ESE	7	0	31	85	7	5	10	10	1500	3	35	29	30	Tr	0.0	0.0	35	29	30	Tr	0.0	0.0	35	29	30	Tr	0.0	0.0		
7	Holyhead	26	1011.0	-10	E'S	5	0	32	85	7	5	10	10	2500	1008.4	-18	E	7	0	31	85	7	5	10	10	2500	1	36	30	30	Tr	0.0	0.0	36	30	30	Tr	0.0	0.0	36	30	30	Tr	0.0	0.0		
	Chester (Sealand)	16	1014.7	-12	ESE	3	0	29	92	5	5	10	10	1500	1012.7	-12	ESE	4	0	28	92	5	5	10	10	1500	9	36	28	25	0.4	0.0	0.0	36	28	25	0.4	0.0	0.0	36	28	25	0.4	0.0	0.0		
8	Manchester	70	1015.6	-12	E	4	0	28	97	6	5	10	10	1500	1013.1	-14	EN	4	0	29	97	6	5	10	10	1500	3	30	28	27	Tr	0.0	0.0	30	28	27	Tr	0.0	0.0	30	28	27	Tr	0.0	0.0		
10	Spurn Head	29	1017.4	-8	ESE	6	0	31	82	7	5	10	10	800	1014.4	-10	E'S	6	0	29	97	6	5	10	10	800	4	32	29	27	Tr	0.0	0.0	32	29	27	Tr	0.0	0.0	32	29	27	Tr	0.0	0.0		
	Catterick	175	1018.4	-10	SE	3	0	30	73	6	5	10	10	2500	1016.5	-14	SE	2	3	29	75	6	5	10	10	2500	3	31	28	27	Tr	0.0	0.0	31	28	27	Tr	0.0	0.0	31	28	27	Tr	0.0	0.0		
	Tynemouth	108	1020.1	-4	SE	6	0	34	92	6	6	10	10	1500	1017.0	-14	SE	6	0	34	85	6	6	10	10	1500	4	35	33	29	0.1	0.3	0.0	35	33	29	0.1	0.3	0.0	35	33	29	0.1	0.3	0.0		
11	St. Abbs Head	280	1018.8	-4	SE	6	0	33	85	7	8	2	10	1500	1016.3	-10	SSE	6	0	33	85	7	8	2	10	1500	8	35	31	29	0.4	1	0.0	35	31	29	0.4	1	0.0	35	31	29	0.4	1	0.0		
	Leuchars	36	1020.1	-6	SE	7	0	35	85	7	5	10	10	1500	1017.7	-10	ESE	6	0	33	87	7	5	10	10	2500	7	36	32	29	0.4	1	0.0	36	32	29	0.4	1	0.0	36	32	29	0.4	1	0.0		
12	Renfrew (Abbots I.)	19	1018.2	-4	E'S	4	0	31	85	5	5	1	10	4000	1016.3	-10	EN	3	0	31	97	6	5	2	10	2500	3	33	30	29	0.1	0.0	0.0	33	30	29	0.1	0.0	0.0	33	30	29	0.1	0.0	0.0		
	Eskdalemuir	794	1014.5	-2	SES	7	0	31	92	7	8	2	10	800	1012.0	-10	SE'S	7	0	31	97	7	8	2	10	800	4	32	31	29	Tr	0.0	0.0	32	31	29	Tr	0.0	0.0	32	31	29	Tr	0.0	0.0		
	Point of Ayre	30	1014.5	-2	SES	7	0	31	92	7	8	2	10	800	1012.0	-10	SE'S	7	0	31	97	7	8	2	10	800	4	32	31	29	Tr	0.0	0.0	32	31	29	Tr</										

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THE DAILY WEATHER REPORT

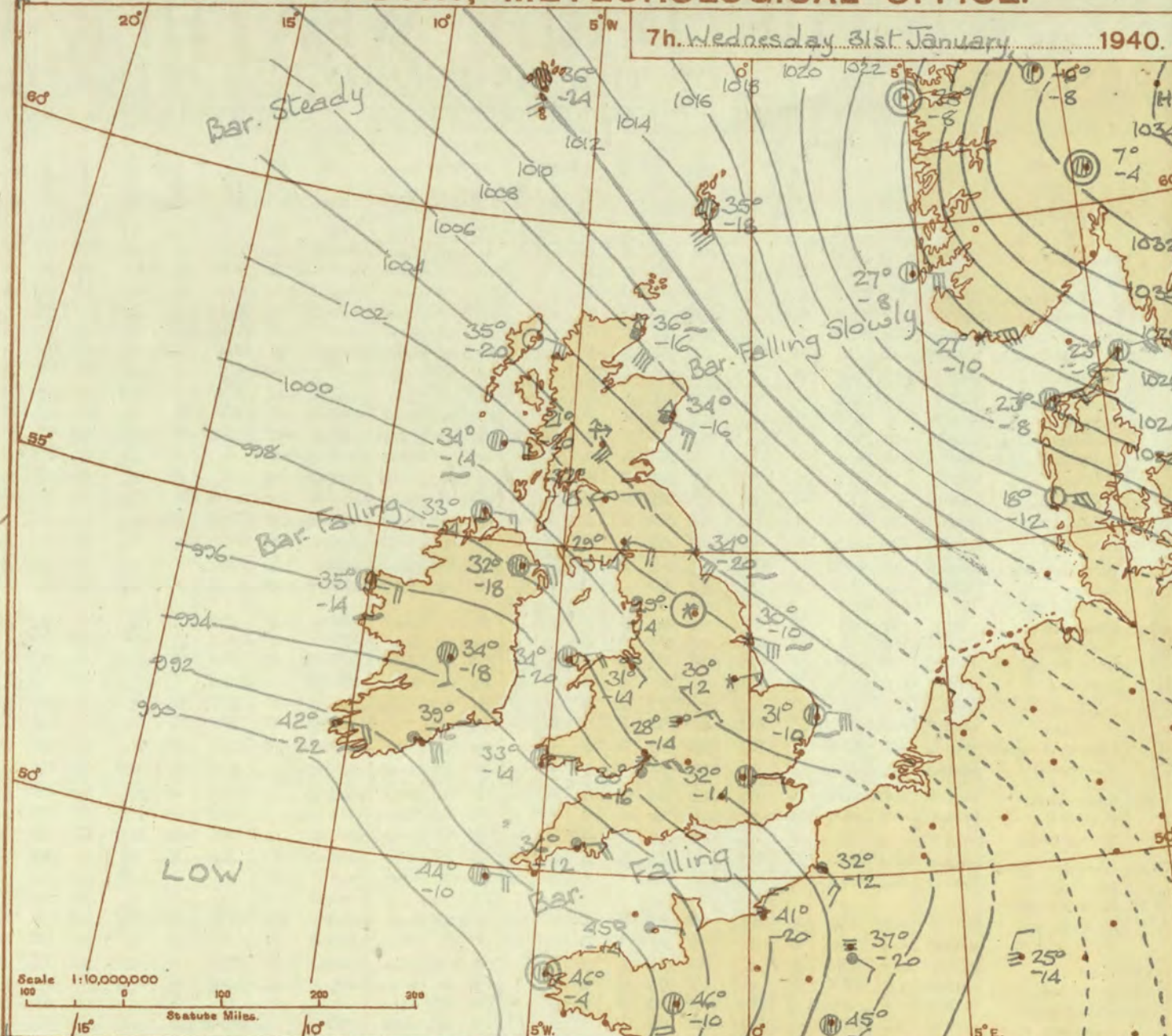
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday 31st January, 1940.
No. 28,559.

OBSERVATIONS at 13h. G.M.T. 30th January															OBSERVATIONS at 18h. G.M.T. 30th January															PAST 24 HOURS.					
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					State of Ground.	Sea. 0-9	WEATHER.					
				Dir.	Force.					Low.	Med.	High.	Low 0-10	Total 0-10			Height of Base. (feet)	Dir.					Force.	Low.	Med.	High.	Low 0-10			Total 0-10	Height of Base. (feet)	7h.—13h. 30th.	13h.—18h. 30th.	18h.—to 31st. 1h.	1h.—7h. 31st.
(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)	(37)	(38)	(39)	(40)		
1	London (Kew)...	1006.7	-24	E'N	4	Z	29	85	5	-	-	7-8	10	1500	1004.4	-20	E'N	3	M	29	92	4	5	-	10	10	2500	8	*	CS, is, mon	om, is, mon	om, d, f	om, d, f		
	Croydon ...	1007.3	-18	E	3	Z	27	97	5	-	-	-	10	1500	1004.8	-18	E'N	3	M	28	97	4	5	-	10	10	800	9	*	om, is, C	om, is, C	om, d, f	om, d, f		
	S. Farnborough	1006.2	-22	E'NE	4	Z	27	92	5	-	-	10	10	800	1004.1	-10	E'NE	3	M	28	92	4	5	-	10	10	800	9	*	SS, is, C	om, is, C	om, d, f	om, d, f		
	Boscombe Down	1005.7	-22	E'NE	3	Z	27	92	5	-	-	10	10	800	1003.4	-10	E'NE	4	d, d	27	92	4	5	2	-	10	10	1500	8	*	CS, is, mon	om, is, mon	om, d, f	om, d, f	
	Calshot (Soton.)	1005.0	-20	NE'E	4	Z	29	85	6	5	-	10	10	1500	1003.1	-6	E'NE	3	M	29	92	4	5	-	10	10	1500	8	*	SS, mon, C	om, is, mon	om, d, f	om, d, f		
	Lympne	1008.0	-18	E	4	Z	25	85	5	5	-	10	10	800	1005.6	-8	ESE	4	Z	29	85	5	5	-	10	10	450	9	*	om, SS, is	om, is, mon	om, d, f	om, d, f		
	Manston	1007.6	-22	SE	3	M	27	92	4	5	-	10	10	800	1005.0	-14	SE	4	of	29	92	3	6	-	10	10	450	9	*	om, SS, is	om, is, mon	om, d, f	om, d, f		
2	Shoeburyness ...	1008.4	-18	E'S	4	is	29	92	4	6	-	10	10	800	1006.4	-12	E'S	4	of	30	92	4	5	-	10	10	1500	8	*	om, is, C	om, is, C	om, d, f	om, d, f		
	Felixstowe ...	1010.8	-14	E'S	4	Z	29	85	6	5	2	-	10	10	1500	1008.2	-4	E'S	4	Z	30	85	5	5	-	10	10	800	8	*	om, is, C	om, is, C	om, d, f	om, d, f	
	Gorleston ...	1010.8	-24	E'S	3	C	29	85	7	8	-	10	10	2500	1008.4	-12	ESE	6	SS	29	85	6	8	-	10	10	2500	8	4	om, is, C	om, is, C	om, d, f	om, d, f		
	Mildenhall ...	1009.3	-10	E'N	4	Z	28	97	6	5	-	10	10	2500	1006.3	-10	E	4	is	28	97	5	5	-	10	10	1500	8	*	om, is, C	om, is, C	om, d, f	om, d, f		
	Cranwell ...	1010.7	-22	E'S	4	Z	26	92	6	5	-	10	10	2500	1008.0	-16	E	3	Z	26	92	6	5	-	10	10	2500	9	*	om, is, C	om, is, C	om, d, f	om, d, f		
3	Birmingham	1008.8	-20	E	4	o	25	75	5	5	-	10	10	800	1006.5	-10	E'NE	3	is	25	85	5	6	2	-	10	10	800	9	*	om, is, C	om, is, C	om, d, f	om, d, f	
4	Upper Heyford	1008.6	-20	E'NE	3	is	26	85	6	5	-	10	10	1500	1005.8	-8	E'NE	3	SS	26	92	5	5	-	10	10	800	9	*	om, is, C	om, is, C	om, d, f	om, d, f		
4	Ross-on-Wye ...	1007.4	-20	NE'E	3	Z	27	85	6	5	-	10	10	1500	1005.1	-8	NE	3	Z	26	92	5	5	-	10	10	800	8	*	om, is, C	om, is, C	om, d, f	om, d, f		
5	Hartland Point	1000.9	-14	E'NE	6	of	28	92	7	8	2	-	10	10	1500	999.4	-6	E'NE	5	C	29	85	6	5	2	-	10	10	2500	5	3	om, is, C	om, is, C	om, d, f	om, d, f
	Bristol ...	1006.5	-18	E'N	3	Z	28	85	5	5	-	10	10	1500	1004.0	-10	E'NE	3	Z	28	85	5	5	-	10	10	1500	8	*	om, is, C	om, is, C	om, d, f	om, d, f		
	Portland Bill	1001.0	-20	E'N	5	of	32	85	6	5	2	-	10	10	800	999.5	-6	E'N	5	Z	31	92	5	5	-	10	10	800	5	3	om, is, C	om, is, C	om, d, f	om, d, f	
	Plymouth ...	999.4	-16	E	6	of	30	97	5	5	-	10	10	800	997.5	-8	E'NE	7	of	30	97	1	5	-	10	10	450	1	4	om, is, C	om, is, C	om, d, f	om, d, f		
	The Lizard	998.0	-18	E'N	6	of	42	97	5	5	2	-	7-8	10	1500	996.0	-6	E'N	5	d, d	41	97	4	5	-	10	10	1500	1	4	om, is, C	om, is, C	om, d, f	om, d, f	
	Soilly (St. Mary's)	1000.2	-18	E'S	2	d, d	42	97	6	5	-	10	10	800	997.9	-10	ESE	1	d, d	43	97	4	5	-	10	10	220	1	3	om, is, C	om, is, C	om, d, f	om, d, f		
	Guernsey ...	1004.3	-14	ESE	7	of	32	92	6	5	-	10	10	1500	1001.3	-6	E'S	5	C	31	92	6	5	-	10	10	1500	3	2	om, is, C	om, is, C	om, d, f	om, d, f		
6	Pembroke ...	1005.9	-24	E	7	of	31	85	7	5	-	10	10	2500	1003.5	-10	E'N	5	b	30	75	5	5	-	10	10	4000	3	3	om, is, C	om, is, C	om, d, f	om, d, f		
7	Holyhead ...	1010.2	-18	ESE	3	Z	23	75	6	5	-	10	10	1500	1006.6	-12	ESE	3	Z	28	85	5	5	-	10	10	1500	9	*	om, is, C	om, is, C	om, d, f	om, d, f		
8	Chester (Sealand)	1009.9	-26	E'N	3	Z	23	75	5	7	-	10	10	1500	1007.4	-12	E'N	4	M	28	85	4	5	-	10	10	800	9	*	om, is, C	om, is, C	om, d, f	om, d, f		
8	Manchester ...	1009.9	-26	E'N	3	Z	23	75	5	7	-	10	10	1500	1007.4	-12	E'N	4	M	28	85	4	5	-	10	10	800	9	*	om, is, C	om, is, C	om, d, f	om, d, f		
10	Spurn Head ...	1011.6	-16	SE'E	5	is	29	85	6	5	-	10	10	800	1009.6	-6	ESE	6	of	30	86	6	5	-	10	10	800	4	4	om, is, C	om, is, C	om, d, f	om, d, f		
	Catterick ...	1012.1	-18	SSE	3	Z	30	75	6	5	-	7-8	7-8	2500	1010.4	-6	ESE	3	of	27	85	6	5	-	10	10	1500	9	*	om, is, C	om, is, C	om, d, f	om, d, f		
	Tynemouth ...	1013.7	-25	SE	6	C	33	85	7	9	-	7-8	7-8	1500	1011.3	-10	SE	6	of	32	85	6	6	-	10	10	1500	8	4	om, is, C	om, is, C	om, d, f	om, d, f		
11	St. Abbs Head	1013.0	-24	SE	6	of	33	75	8	8	2	-	7-8	10	1500	1010.3	-6	SE	5	is	31	85	6	5	-	10	10	1500	7	*	om, is, C	om, is, C	om, d, f	om, d, f	
	Leuchars ...	1014.3	-22	ESE	5	of	24	92	7	5	2	-	9	10	800	1011.3	-10	E	5	ps	33	92	6	5	-	10	10	2500	9	*	om, is, C	om, is, C	om, d, f	om, d, f	
12	Rentrow (Abbots L.)	1011.6	-25	E'N	5	SS	25	85	6	6	-	9	9	800	1009.7	-8	E'S	4	is	26	85	6	6	-	10	10	800	9	*	om, is, C	om, is, C	om, d, f	om, d, f		
	Eskdalemuir ...	1009.3	-14	SE	6	C	32	97	7	9	-	9	9	800	1006.5	-12	SE'S	6	C	30	85	6	9	3	-	7-8	9	4	om, is, C	om, is, C	om, d, f	om, d, f			
13A	Point of Ayre ...	1011.2	-12	ESE	5	C	35	75	8	5	-	7-8	7-8	2500	1008.9	-2	ESE	4	C	35	75	8	5	-	9	9	1500	0	4	om, is, C	om, is, C	om, d, f	om, d, f		
13B	Tiree ...	1015.9	-8	ESE	5	C	37	65	8	5	5	-	4-6	9	2500	1013.3	-12	ESE	6	of	36	75	8	7	-	7-8	9	2500	1	3	om, is, C	om, is, C	om, d, f	om, d, f	
15	Stornoway ...	1015.9	-20	SE	3	is	29	92	5	8	-	9	9	1500	1013.6	-16	SE'E	5	ps	32	92	6	6	-	10	10	1500	7	3	om, is, C	om, is, C	om, d, f	om, d, f		
	Dalwhinnie ...	1016.4	-22	SE'E	4	of	35	85	6	5	-	10	10	1500	1014.5	-16	SE	7	of	35	85	6	5	-	7-8	10	1500	1	4	om, is, C	om, is, C	om, d, f	om, d, f		
	Aberdeen ...	1018.2	-12	SE	7	PKS	35	97	7	5	7	8	7-8	10	800	1020.3	-10	SE	6	of	35	85	6	5	-	7-8	10	800	4	*	om, is, C	om, is, C	om, d, f	om, d, f	
	Wick ...	1022.8	-16	SE	7	ps	25	85	7	8	7	-	7-8	10	800	1020.3	-10	SE	6	of	35	85	6	5	-	7-8	10	800	4	*	om, is, C	om, is, C	om, d, f	om, d, f	
16	Lerwick ...	1022.8	-16	SE	7	ps	25	85	7	8	7	-	7-8	10	800	1020.3	-10	SE	6	of	35	85	6	5	-	7-8	10	800	4	*	om, is, C	om, is, C	om, d, f	om, d, f	
17	Blacksod Point...	1004.1	-12	E'S	5	CQ	36	85	7	7	-	9	9	-	1002.3	-4	E'S	5	CQ	35	85	6	5	-	9	9	4000	3	3	om, is, C	om, is, C	om, d, f	om, d, f		
18	Malin Head	1009.0	-14	SE	3	C	33	75	7	8	-	9	9	2500	1006.3	-8	E	3	C	34	85	7	8	-	9	9	4000	3	3						

AIR MINISTRY, METEOROLOGICAL OFFICE.

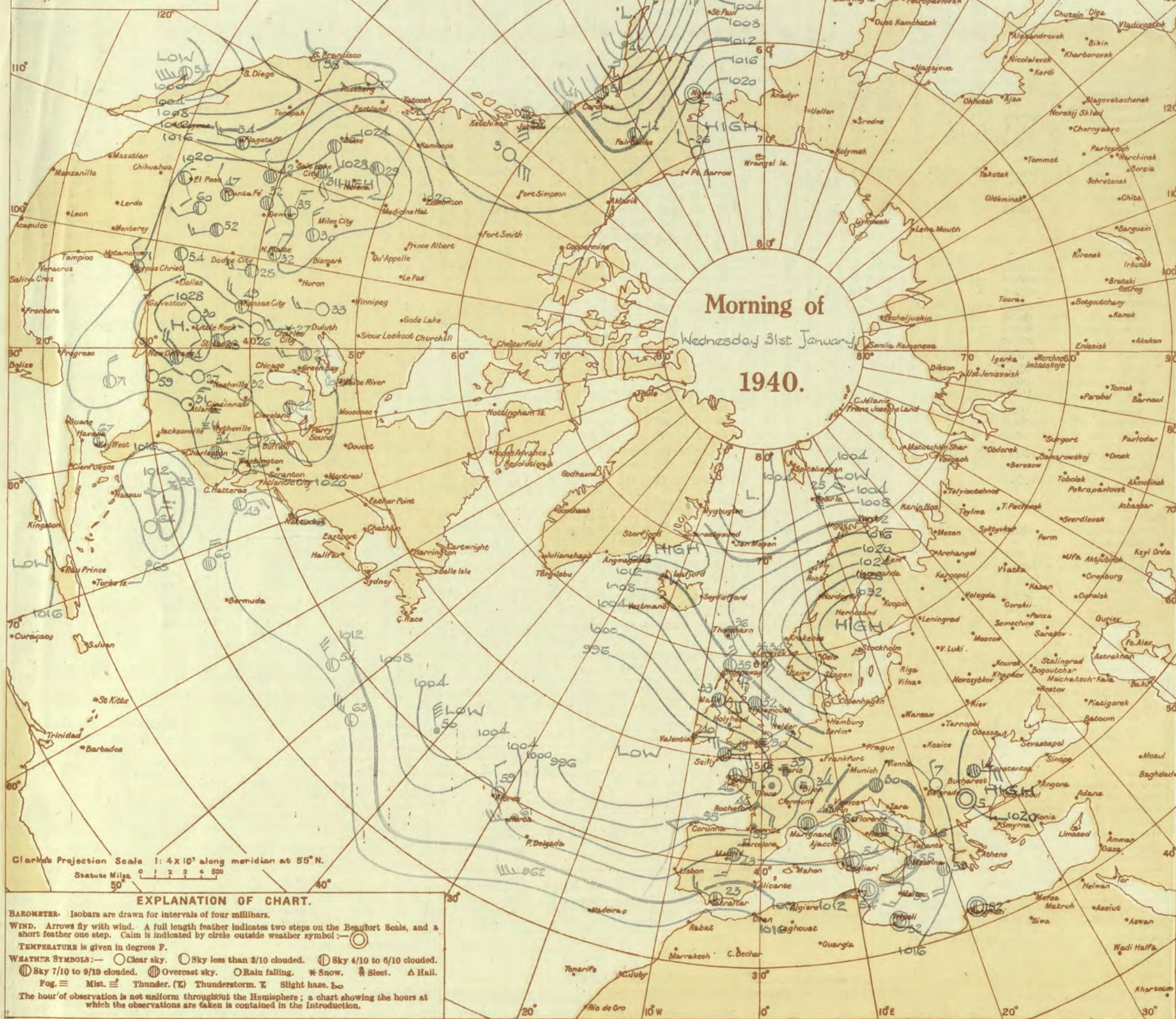
7h. Wednesday 31st January 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 31st January, 1940.	BAROMETER. Isobars are drawn for intervals of two millibars. WIND, WEATHER SYMBOLS. For explanation see opposite page. SEA DISTURBANCE. Rough. High. BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.
1 S.E. England	Wind east to southeast moderate; dull, with widespread rain or drizzle and much fog; temperatures rising to above freezing point.	GENERAL INFERENCE. An extensive anticyclone centred over Northwest Russia is moving southeastwards and a depression to the southwest of the British Isles is spreading northeastwards. Rain will spread northwards over Ireland, England and Wales, preceded by snow and sleet in Wales, the Midlands and Northern England, and showers of sleet and snow will be frequent in eastern districts of Scotland. Glazed frost will occur locally in the northern half of England. Rather widespread fog will set in over most districts of England and Wales. Temperatures will rise.
2 E. England ...		
3 E. Midlands ...	Wind east moderate, strong on coast; dull, with rather widespread rain or drizzle and fog, but intermittent sleet or snow in extreme north at first; a slow thaw setting in.	
4 W. Midlands ...		
5 S.W. England	Wind east to southeast moderate to fresh; dull, with intermittent rain or drizzle and rather widespread fog; temperatures rising appreciably above freezing point.	FURTHER OUTLOOK. A gradual thaw continuing in all districts. Time of Issue of Gale Warnings. Gale warning issued at 0920 on 26/1/40 in districts 1, 2 and 3.
6 South Wales ...		
7 North Wales ...	As 2 - 4.	
8 N.W. England		
9 N. Midlands ...	Wind east moderate to fresh, strong to gale on east coasts; dull, with rather frequent snow showers in eastern districts, and more general snow spreading northwards, turning gradually to rain in England; a slow development of rather widespread fog; temperatures rising to just above freezing point.	FORECASTS ISSUED AT 1030. N. K. JOHNSON, D.Sc., A.R.C.S. Director.
10 N.E. England		
11 S.E. Scotland	Wind east to southeast moderate to fresh, strong to gale on coasts; dull, with rather frequent snow showers, especially in eastern districts; local fog tomorrow; temperatures above freezing point on coasts, and also inland later.	
12 S.W. Scotland & Isle of Man.		
13 { A.W. Scotld. B.N.W. Scot- land.		FORECASTS ISSUED AT 1030. N. K. JOHNSON, D.Sc., A.R.C.S. Director.
14 Mid Scotland		
15 N. E. Scotland		
16 Orkneys and Shetlands		
17 N. W. Ireland	Wind east moderate to fresh; dull with rain tonight and tomorrow; rather cold.	FORECASTS ISSUED AT 1030. N. K. JOHNSON, D.Sc., A.R.C.S. Director.
18 N. E. Ireland		
19 S. E. Ireland	Wind east to southeast moderate to fresh; dull, with rain or drizzle; local coastal fog; rather cold, with temperatures rising appreciably.	
20 S. W. Ireland		

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

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 31st January															OBSERVATIONS at 7 hr. G.M.T. 31st January															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. %	Visibility.	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		Sun- SHINE Hrs.								
					Direc.	Force.					Form.	Amount.	Height of Base (feet).			Direc.	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.							
																																	Low.	Med.	High.	Low.	Med.	High.	Low.
1	London (Kew)	18	1001.9	-4	ENE	2	of	30	97	2	*	*	10	10	1500	997.2	-16	E	4	d.c.	33	52	5	5	-	-	10	10	1500	8	*	29	28	28	Tr	2	0.0		
	Croydon	217	1001.9	-22	ENE	3	id.	30	97	4	*	*	10	10	220	998.2	-14	E	2	mf	32	97	4	5	2	-	10	10	1500	8	*	23	27	27	0.2	Tr	0.0		
	S. Farnborough	226	1000.1	-22	ENE	3	id.	30	97	4	*	*	10	10	220	996.9	-14	NE	2	mf	32	97	4	5	2	-	10	10	450	9	*	29	27	27	0.3	1	0.0		
	Boscombe Down	417	999.7	-18	ENE	3	id.	29	97	4	*	*	10	10	800	996.6	-10	ENE	3	id.	31	97	4	5	2	-	10	10	800	8	*	28	26	26	0.3	1	0.0		
	Calshot (Stmntn.)	8	998.9	-22	NE	3	rs.	32	92	3	*	*	10	10	800	995.7	-14	NE	1	d.c.	34	92	4	5	2	-	10	10	450	9	*	28	26	26	0.6	1	0.0		
	Lympne	346	1001.8	-16	E	3	df	32	92	2	-	-	10	10	150	998.3	-14	ESE	3	df	34	97	2	-	-	10	10	150	6	2	29	28	27	0.5	1	0.0			
	Manston	154	1001.4	-18	SE	4	m	32	92	4	*	*	10	10	450	998.2	-14	SE	4	ir.	33	97	4	5	-	10	10	220	9	*	30	29	28	*	0.3	0.0			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	999.3	-16	E	2	mf	33	97	4	5	-	10	10	800	6	*	33	30	30	Tr	2	0.0			
	Felixstowe	15	1004.1	-18	E	4	s.d.	32	97	5	*	*	10	10	800	1001.3	-8	E	3	d.c.	33	92	4	5	-	10	10	450	8	3	31	30	29	Tr	1	0.0			
	Gorleston	5	1005.1	-16	E	5	c	31	85	6	*	*	10	10	2500	1001.7	-10	ESE	6	c	31	85	6	8	-	10	10	1500	8	4	30	29	28	Tr	*	*			
	Mildenhall	19	1002.8	-16	E	4	rs.	31	97	5	*	*	10	10	800	999.2	-18	ESE	4	c	32	97	4	5	-	10	10	800	1	*	28	27	25	Tr	1	0.0			
	Cranwell	240	1004.2	-20	E	4	is.	29	97	4	*	*	10	10	1500	1001.4	-12	ENE	3	is.	30	97	4	5	-	10	10	800	9	*	27	26	*	*	*	0.0			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	999.3	-14	ENE	3	m	28	85	4	5	-	10	10	800	9	*	27	25	25	Tr	0.2	0.0			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	998.3	-16	E	3	df	30	97	3	5	-	10	10	150	9	*	27	25	26	0.1	0.6	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	998.0	-16	ENE	3	df	30	97	3	5	-	10	10	450	8	*	27	26	28	-	0.1	0.0			
5	Hartland Point	299	995.1	-10	ENE	5	0	31	85	6	*	*	10	10	1500	992.7	-18	NE	1	c	33	85	6	5	2	-	10	10	2500	5	3	30	29	28	1	0.0			
	Bristol	209	1000.6	-26	ENE	3	is.	28	97	5	*	*	10	10	800	996.7	-18	EN	2	id.	31	97	5	5	-	10	10	1500	8	*	29	27	27	Tr	1	0.0			
	Portland Bill	32	1006.8	-20	E	6	0	29	92	6	*	*	10	10	1500	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
	Plymouth	82	996.3	-18	ENE	4	z.	34	85	6	*	*	10	10	800	993.6	-12	E	4	id.	36	92	5	6	2	-	10	10	800	1	2	32	31	31	0.5	0.5	0.0		
	The Lizard	240	994.8	-10	ENE	4	id.	40	97	4	*	*	10	10	800	992.7	-10	ENE	4	id.	40	97	4	5	-	10	10	800	1	3	33	38	*	1	1	0.0			
	Scilly (St. Mary's)	163	993.6	-14	E	5	0	43	97	5	*	*	10	10	1500	991.2	-10	E	4	0	44	97	4	8	-	10	10	1500	1	2	44	42	*	0.2	4	0.0			
	Guernsey	175	995.5	-8	S	1	c	46	97	6	*	*	10	10	1500	992.2	-14	E	4	id.	45	97	6	5	-	10	10	800	1	2	44	43	42	1	3	0.0			
6	Pembroke	142	997.5	-8	E	4	c	32	97	7	5	2	-	7.8	10	1500	993.5	-14	E	5	c	33	92	5	5	-	10	10	800	3	2	34	30	*	Tr	Tr	0.0		
7	Holyhead	26	999.5	-22	ENE	4	c	32	85	6	5	-	9+	9+	2500	996.0	-20	E	4	c	34	85	7	5	-	9+	9+	2500	3	2	33	29	26	-	-	3.9			
	Chester (Sealand)	16	1002.9	-20	ESE	2	z.	29	85	5	5	-	10	10	1500	999.5	-14	SE	1	z.	31	92	5	5	-	10	10	1500	9	*	29	28	27	-	-	0.0			
8	Manchester	70	1003.4	-22	E	3	z.	30	85	5	5	-	10	10	1500	999.9	-14	ENE	4	z.	32	92	5	5	-	10	10	1500	9	*	29	27	27	Tr	-	1.7			
10	Spurn Head	29	1003.5	-18	ESE	6	rs.	31	92	6	5	-	10	10	800	1001.3	-10	ESE	6	rs.	30	92	6	5	-	10	10	800	7	4	30	29	*	Tr	12	0.0			
	Catterick	175	1006.3	-18	E	1	z.	29	85	6	5	-	10	10	1500	1002.8	-14	-	0	rs.	29	97	5	5	-	10	10	800	9	*	31	27	26	0.1	1	*			
	Tynemouth	108	1008.9	-18	SE	5	0	32	92	6	6	-	10	10	1500	1004.7	-20	SE	5	is.	34	92	6	6	-	10	10	1500	8	4	34	31	29	3	*	*			
11	St. Abbs Head	280	1007.5	-16	SSE	6	0	32	65	7	5	-	10	10	1500	1004.9	-8	SE	5	ss	32	85	4	5	-	10	10	800	4	3	34	31	*	2	0.3	*			
	Leuchars	36	1008.2	-18	ESE	6	z.	34	92	6	5	-	10	10	1500	1004.6	-16	ESE	6	c	34	85	7	5	-	10	10	2500	7	*	35	30	30	2	0.2	0.0			
12	Renfrew (Abbots I.)	19	1006.9	-18	E	3	z.	31	75	5	5	-	10	10	2500	1003.1	-16	E	4	z.	32	85	5	5	-	7.8	10	1500	9	*	35	30	29	-	Tr	0.6			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1002.2	-14	E	4	ss	29	92	4	-	2	-	0	10	450	9	*	30	25	24	0.3	0.5	0.3		
	Point of Ayre	30	1003.2	-18	SE	6	0	31	92	6	-	2	-	10	10	800	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.0	-14	E	4	c	34	85	7	5	-	9+	9+	2500	0	4	35	32	31	-	-	0.0			
13B	Stornoway	80	1003.9	-14	ESE	5	c	35	65	7	5	-	7.8	7.8	2500	1005.8	-20	ESE	6	c	35	75	7	5	-	7.8	10	2500	1	3	37	35	*	Tr	Tr	0.0			
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.1	-20	SE	6	rs.	31	97	5	8	-	10	10	1500	9	*	29	25	24	1	0.4	0.0			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.8	-16	SE	5	phr	34	85	6	5	-	10	10	1500	8	3	35	30	29	1	2	0.0			
	Wick	81	1000.9	-20	SE	8	cq	35	92	6	5	7	-	7.8	10	1500	1007.6	-16	SE	8	rs.	36	97	6	5	2													