

THE DAILY WEATHER REPORT

BRITISH SECTION

5/1022

1st January to 31st March,

1949



METEOROLOGICAL OFFICE

LONDON, W.C.2

INTRODUCTION

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

On 1st January, 1944, the British Section was again modified, the whole of pages 1 and 4 being taken up with observations from reporting stations, the reports from auxiliary stations being no longer included. The London observations were transferred to page 2 and the General Inference, Further Outlook and Gale Warnings to page 3. District Forecasts ceased to appear. On 1st January, 1949 new codes for the transmission of weather messages were introduced, based upon the recommendations of the Conference of Directors held at Washington in 1947. The principal changes affecting the Report are the use of knots for wind-speed instead of Beaufort Scale numbers and of degrees instead of compass points for wind direction, the introduction of "significant" cloud (main layer), the use of eighths instead of tenths for cloud amount, and changes in the codes for reporting visibility and cloud height. Corresponding changes have been made to the headings of columns.

Where code figures are entered in the tabular matter, these may be interpreted by reference to the number printed at the head of the column and the explanations of the various codes given below.

Stations are arranged according to Districts a map of which appears on Page III of this Introduction. The list of stations has been revised and the number of stations slightly reduced.

Barometer Readings.—The readings are in millibars and tenths with the initial 9 or 10 omitted. Thus readings of 999.4 and 1021.5 are printed as 99.4 and 21.5 respectively.

Barometric Tendency.—(Columns 6 and 22). The Barometric tendency is expressed in tenths of a millibar.

Code for state of ground (B)—Column 33.

0 ... Ground dry.
1 ... " moist.
2 ... " wet.
3 ... " bare and frozen.
4 ... Glaze on ground but no slush or snow.
5 ... Ice, slush or snow covering less than one-half of ground.
6 ... Ice, slush or firm or settled snow covering more than one-half of ground (but not completely).

7 ... Ice, slush or firm or settled snow covering ground completely.
8 ... Loose dry snow covering more than one-half of surface (but not completely).
9 ... Loose dry snow covering surface completely.

WIND SPEED AND DIRECTION

From 1st January, 1949, the speed of the wind is given in knots and the direction in degrees from true north, measured clockwise to nearest 10 degrees.

The following tables show (a) the approximate equivalents in knots, measured at 30-40 ft. above ground in an unobstructed situation, of the Beaufort numbers previously used for reporting wind force, (b) the equivalents in degrees of true wind direction expressed in compass points.

Table (a) Wind Speed

Beaufort number	Description	Speed in Knots
0	Calm	Less than 1
1	Light air	1-3
2	Light breeze	4-6
3	Gentle breeze	7-10
4	Moderate breeze	11-16
5	Fresh breeze	17-21
6	Strong breeze	22-27
7	Moderate gale	28-33
8	Fresh gale	34-40
9	Strong gale	41-47
10	Whole gale	48-55
11	Storm	56-63
12	Hurricane	64-71

Table (b) Wind Direction

Compass Points	Degrees (nearest 10)	Compass Points	Degrees (nearest 10)
Calm	00	SSW	200
NNE	20	SW	230
NE	50	WSW	250
ENE	70	W	270
E	90	WNW	290
ESE	110	NW	310
SE	130	NNW	340
SSE	160	N	360
S	180		

Form of Low Cloud (Gt)—Columns 9 and 25

- 0 No low cloud.
- 1 Cumulus with little vertical development.
- 2 Cumulus of considerable development with or without other Cumulus or Stratocumulus.
- 3 Cumulonimbus, tops not cirriform or anvil-shaped; with or without other forms of low cloud.
- 4 Stratocumulus formed by spreading out of Cumulus; Cumulus also often present.
- 5 Stratocumulus other than Type 4.
- 6 Stratus and/or Fractostratus but not of bad weather.
- 7 Fractostratus or Fractocumulus of bad weather ("scud") usually under Nimbostratus.
- 8 Cumulus and Stratocumulus other than Type 4.
- 9 Cumulonimbus, with cirriform top, often anvil-shaped. Other types of low cloud may be present.

Form of Medium Cloud (Gm)—Columns 10 and 26

- 0 No medium cloud.
- 1 Semi-transparent Altostratus through which sun or moon are visible.
- 2 Thick Altostratus or Nimbostratus through which position of sun or moon is indicated by a light patch.
- 3 Semi-transparent Altopumulus of unchanging elements; at a single level.
- 4 Semi-transparent Altopumulus in patches; elements continually changing; possibly at more than one level.
- 5 Semi-transparent Altopumulus in bands or in an increasing layer.
- 6 Altopumulus formed by spreading out of Cumulus.
- 7 Any of the following:—
(a) Double-layered Altopumulus not increasing.
(b) Thick layer of Altopumulus not increasing.
(c) Altostratus and Altopumulus both present.
- 8 Altopumulus tufted or turretted.
- 9 Altopumulus at different levels giving chaotic appearance to the sky. (Patchy dense Cirrus usually present).

Form of High Cloud (Gh)—Columns 11 and 27

- 0 No Cirriform Cloud.
- 1 Scattered Cirrus not increasing.
- 2 Dense Cirrus in patches; usually not increasing.
- 3 Cirrus often anvil-shaped; usually associated with Cumulonimbus.
- 4 Tufted Cirrus increasing and thickening.
- 5 Cirrus and/or Cirrostratus increasing but the continuous layer not reaching above 45° altitude.
- 6 Cirrus and/or Cirrostratus increasing with the continuous layer reaching above 45° altitude.
- 7 Complete layer of Cirrostratus covering whole sky.
- 8 Cirrostratus not increasing and not a complete layer covering whole sky.
- 9 Cirrocumulus alone or with Cirrus or Cirrostratus where the Cirrocumulus predominates. (Cirrocumulus may also be present with C_u 1 and C_u 8.)

Cloud Form Abbreviations

Cirrus—Ci; Cirrocumulus—Cc; Cirrostratus—Cs; Altopumulus—Ac; Altostratus—As; Stratocumulus—Sc; Stratus—St; Nimbostratus—Ns; Cumulus—Cu; Cumulonimbus—Cb

Code for State of Sea (S)—

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

Rainfall—Columns 37, 41.

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

Beaufort Notation and Symbols for Weather—

Columns 4, 20, and 34 on page 1, and 4, 20 and 38 on page 4.

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, visibility less than 220 yds.
fg, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
b(r), "hail" or "rain and hail."
jf, fog in the vicinity 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.
Capital letters indicate intense; suffix, indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r, slight rain.
rr, continuous rain.
c, less than (for cloud height).
g, 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.

Explanation of the symbols used in the chart on p. 2, will be found in M.O.315, "Instructions for the Preparation of Weather Maps," H.M. Stationery Office. Price 9d. net. or post free 10d.

VISIBILITY—Columns 3 and 19

In the range 01 to 80 the figures give the actual visibility in fifths of kilometres, or furlongs. Thus 20 = 4 kms. or 2½ miles. The following Table gives the visibility for the ranges X0 to X9 and 80 to 89:—

Second code figure

First code figure	0	1	2	3	4	5	6	7	8	9
X	20	20	40	60	80	100	120	140	160	180 yards
8	10	12½	25	37	50	62	93	123	187	310 miles

GALE WARNINGS

Details of gale warnings issued by the Meteorological Office are given below the Further Outlook on page 3 of the Report. The receipt of a gale warning at ports and fishing stations is indicated by the hoisting of a black canvas cone. The cones remain hoisted after the receipt of a warning telegram until danger of a gale has 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 symbols ▲ (North Cone) and ▼ (South Cone) are appended to the details of warnings given on page 3 of the Report.

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.

Scale 1:5,000,000

0. London.	4. Midlands, W. Gloucester. Hereford. Worcester. Shropshire. Stafford.	8. England, N.W. Cheshire. Lancashire. Westmorland. Cumberland.	11. Scotland, S.E. (cont.). Linlithgow. Clarkmannan. Kinross. Fife. Forfar.	13a. Scotland, N.W. Hebrides. Western parts of Inverness, Ross and Cromarty. Sutherland. (Boundary line runs from Ran- noch Station through Fort Augustus, Beauly and Laig to Mel- vich).	16. Orkneys and Shetlands. Waterford. Wexford. Kilkenny. Carlow. Wicklow. Offaly. Leix. Kildare. Dublin.	19. Ireland, S.E.
1. England, S.E. Kent. Sussex. Surrey. Hampshire. Berkshire. Wiltshire.	5. England, S.W. Dorset. Somerset. Devon. Cornwall.	9. Midlands, N. Derby. Yorkshire, W.	12. Scotland, S.W., and Isle of Man. Isle of Man. Dumfries. Kirkcubright. Wigtown. Ayr. Lanark. Renfrew. Dumbarton. Stirling.	14. Mid Scotland. Perth.	17. Ireland, N.W. Galway. Roscommon. Mayo. Sligo. Leitrim.	20. Ireland, S.W.
2. England, E. Essex. Middlesex. Hertford. Bedford. Huntingdon. Cambridge. Suffolk. Norfolk. Lincoln.	6. Wales S. & Mon. Monmouth. Glamorgan. Brecknock. Cardmarthen. Pembroke. Cardigan. Radnor.	10. England, N.E. Yorkshire, N. & E. Durham. Northumberland.	15. Scotland, N.E. Kincardine. Aberdeen. Banff. Elgin. Nairn. Caitness. Eastern parts of Inverness, Ross, Sutherland.	18. Ireland, N.E. Meath. West Meath. Longford. Cavan. Fermanagh. Monaghan. Louth. Armagh. Down. Antrim. Londonderry. Tyrone. Down.	21. Ireland, S.E.	
3. Midlands, E. Buckingham. Oxford. Northampton. Warwick. Leicester. Rutland. Nottingham.	7. Wales, N. Montgomery. Merioneth. Plynth. Denbigh. Carmarvon. Anglesey.	11. Scotland, S.E. Roxburgh. Selkirk. Peebles. Berwick. Haddington. Edinburgh.	13b. Scotland, W. Argyll. Buie.			

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

1949

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AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY
SUPPLEMENT.

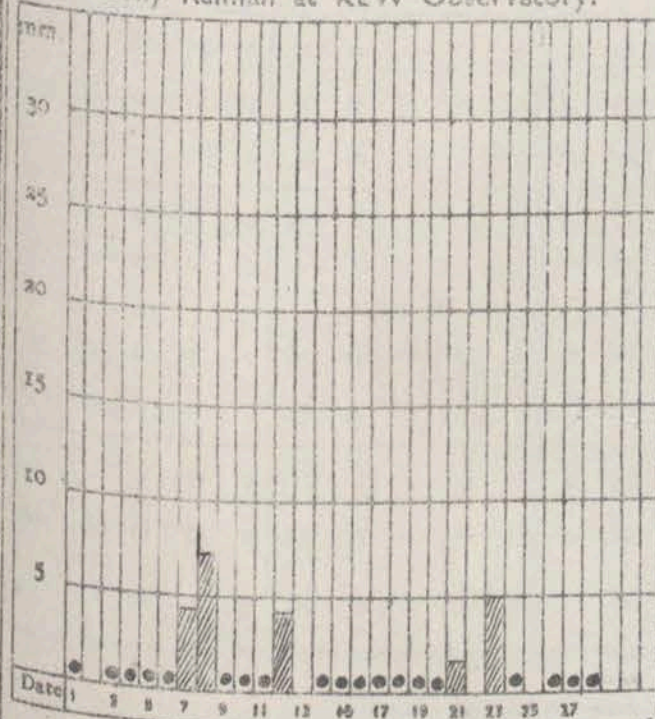
FEBRUARY, 1949 No. 385

Mild: much sunshine and little rain in England and Wales.

The tendency of high pressure over Central Europe which has been a frequent feature since November was again in evidence in February, giving much fine weather in the South and East. In the N.W. the month was wet and stormy on the whole. It was generally mild after the first week. A large anticyclone over Scotland on 1st moved slowly S.E. and attained its maximum intensity (1048mb) over S. Germany on 3rd. It then declined but fine weather continued till 6th in most districts with only local fog. There was some hard night frost with screen minima ranging down to about 18°F. in many parts of Great Britain. In Scotland conditions became milder on 2nd but frost was renewed on 5th and 6th. A change to mild unsettled weather occurred on 7th. On 9th a vigorous depression moved N.E. from Pembroke to the Humber and south of its track there was a widespread gale, severe locally. Mildenhall had a gust of 64 mph. There was snow on high ground in the North. Weather was fine in the South on 10th and 11th but there was further rain on 12th and then a cloudy period. On 13th an anticyclone was again established over Central Europe and another fine spell developed in S.E. areas, with fairly extensive morning fog and slight frost but exceptionally mild days. Temperature reached 59°F at

Greenwich on 17th and 18th and was about as high in other parts of London. Mildenhall recorded 57°F. on 17th and 58°F. on 18th. The fine mild spell lasted over 20th in the S.E. A changeable S.W. to W type followed, but high pressure built up again in the Bay of Biscay area, and rainfall was slight in the South, though there was much cloud at times with some bright periods. A severe gale occurred in N. Scotland on 22nd and further gales from W to NW. occurred on 26th to 27th with the movement eastwards of an intense depression from Iceland to Scandinavia. On the 28th a depression moved S.wards on an unusual track from S. of Iceland to the Baltic. On the night of 28th northwesterly gales developed behind this depression and were severe over North Sea. In England, Wales and Eastern Scotland rainfall was below average. In England and Wales rainfall deficiencies were very large, sometimes in the South amounting almost to 50% of average fall. In West and N. Scotland, on the other hand, rainfall was well above average, the total of 117mm. at Renfrew being 35mm. above average. The month was phenomenal for sunshine in England and Wales. At Birmingham 109hrs was the highest in February since 1887, when the total was 108hrs. At Croydon total sunshine was greatest since the observatory was opened in 1920, and at Ross-on-Wye there was no sunless day, the total of 114 hrs being highest since 1934. At Shoburn, Wiltshire, the total of 142hrs, the previous highest being 105hrs in 1920 and 1939. In Scotland and Ireland sunshine was slightly above and slightly below average respectively.

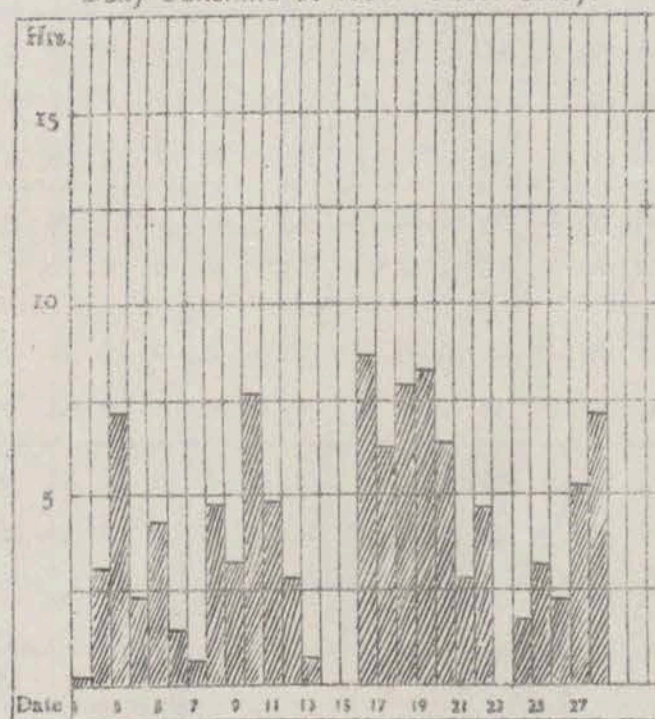
Daily Rainfall at KEW Observatory.



• = less than 0.5 mm.

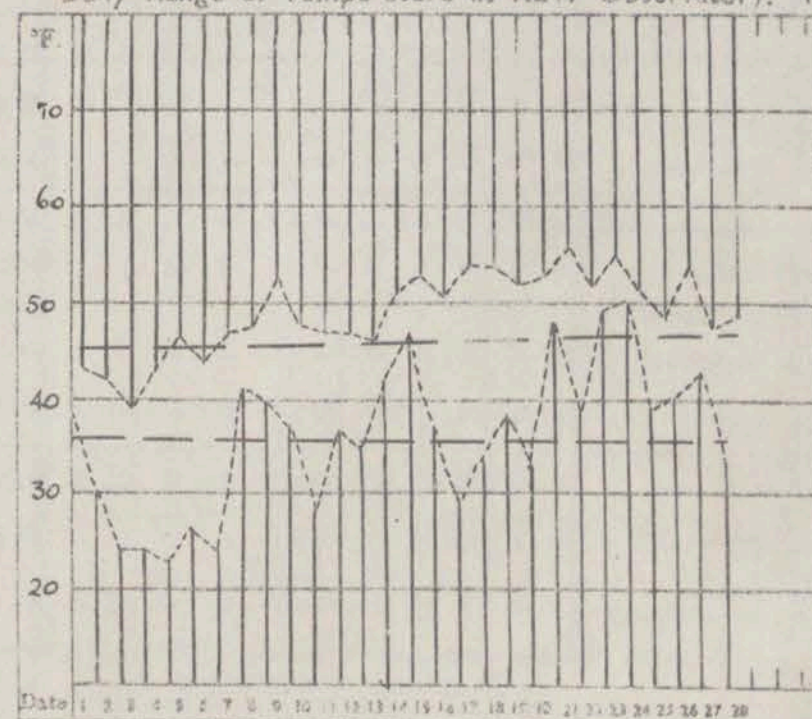
RAINFALL. Total for Month. 23 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 106 hrs.

Daily Range of Temperature at KEW Observatory.



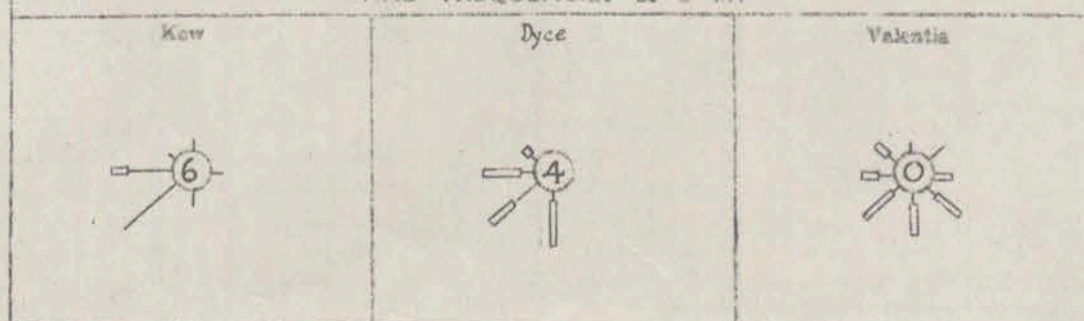
TEMPERATURE. The potted curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb	mb.	°F.	°F.
	1027.5	+12.5	42.5	+1.8
Dyce	1016.1	+6.5	40.9	+3.3
Valentia	1023.4	+11.2	47.4	+3.2

* Pressure—The mean is for the 24 hours. It is derived from values at 6 h. and 18 h. duly corrected.
Temperature—mean of Max. and Min.

WIND FREQUENCIES at 6 hr.



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

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

	miles
Kew	5840
Lerwick	12299

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

STATION.	TEMPERATURE.													LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																				
	Number of daily readings within fixed limits.										Extremes—Warmest and Coldest			Number of Ground Frosts.	Number of observations within fixed limits.						Number of observations within fixed limits.																			
	Maximum.					Average Maximum.	Minimum.					Days.			Nights.		9 h.		15 h.		21 h.		9 h.			15 h.														
	32° or below	33° to 41°	42° to 50°	51° to 59°	60° to 68°		Highest Max.	Lowest Max.	Highest Min.	Lowest Min.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.		Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.										
																															32° or below	23° to 32°	33° to 41°	42° to 50°	51° to 59°	Days.	Nights.	9 h.	15 h.	21 h.
1 London (Kew Obsy).	0	1	14	13	0	45.5	1	7	14	6	0	36.6	56	21	39	3	50	24	23	5	18	3	13	0	0	20	1	0	14	0	2	0	6	8	0	0	0	1	3	2
2 Croydon	0	2	13	13	0	45.2	3	5	15	5	0	38.9	55	17	39	5	50	24	20	4	11	7	7	1	1	18	1	1	13	0	0	1	3	5	2	0	0	0	2	4
3 Calshot	0	1	15	12	0	45.7	0	3	16	9	0	37.1	53	21	40	3	49	24	30	4	5	5	12	0	2	20	0	1	12	0	1	0	0	2	8	0	0	0	0	18
4 Lympoe	0	2	15	11	0	45.7	2	4	17	5	0	34.9	55	23	37	3	48	24	23	5	5	8	8	0	5	12	0	1	9	0	0	3	0	2	8	0	1	1	0	16
5 Shoeburyness	0	1	12	15	0	45.6	2	5	14	7	0	34.6	57	18	40	3	49	24	21	5	20	2	10	1	0	26	0	0	8	1	0	0	4	4	0	0	0	0	0	7
6 Gorleston	0	1	14	13	0	44.2	0	4	17	7	0	36.2	57	23	40	3	48	23	27	4	10	5	10	1	3	16	3	0	10	2	0	0	1	3	6	0	0	1	1	13
7 Waddington	0	3	14	11	0	44.0	1	7	15	5	0	33.6	58	14	40	3	49	23	21	6	12	1	10	3	0	18	1	0	8	2	0	0	0	1	5	0	0	0	1	13
8 Birmingham (Edgbaston)	0	3	16	9	0	43.0	0	4	18	6	0	35.1	57	14	38	3	49	23	24	4	9	8	10	0	2	20	0	5	9	0	0	0	3	6	5	0	0	0	0	18
9 Ross-on-Wye	0	1	12	15	0	46.4	4	4	12	7	1	35.8	56	23	41	1	51	23	20	5	8	1	20	0	0	23	0	0	19	0	0	3	3	2	16	0	0	0	2	20
10 The Lizard	0	0	10	18	0	*	0	0	7	21	0	*	54	17	44	3	49	23	38	3	2	4	21	0	1	19	0	0	20	0	0	0	0	24	0	0	2	0	23	
11 Holyhead (Valley)	0	0	27	1	0	45.6	0	4	10	14	0	39.9	51	13	42	3	47	23	26	4	7	3	20	0	5	20	0	1	19	0	0	0	0	21	0	0	0	0	25	
12 Hawarden	0	3	11	14	0	45.6	1	7	12	7	1	35.8	57	20	40	3	49	23	21	4	10	2	17	1	1	21	2	0	10	1	0	0	2	2	7	0	0	0	1	18
13 Tynemouth	0	5	13	10	0	44.1	0	5	16	7	0	36.8	55	20	40	9	49	14	27	6	6	2	23	2	2	26	0	1	27	0	0	0	6	3	5	0	0	1	5	6
14 Leuchars	0	3	17	8	0	44.0	1	6	16	5	0	34.4	55	13	37	6	49	14	23	5	12	0	25	0	1	26	0	0	10	0	0	0	1	2	18	0	0	0	1	19
15 Renfrew	0	4	19	5	0	44.1	0	3	18	7	0	34.6	54	22	36	5	49	16	25	5	9	8	20	0	5	20	1	2	22	1	0	1	3	1	5	0	0	3	0	9
16 Eskdalemuir						41.1						31.5																												
17 Stornoway	0	2	21	5	0	44.7	0	4	16	8	0	37.1	53	15	38	27	50	13	29	6	3	4	23	0	6	21	0	2	22	0	0	0	0	25	0	0	1	0	21	
18 Dyce	0	4	19	5	0	42.9	1	10	11	6	0	33.9	56	15	37	9	49	16	23	5	9	0	20	0	0	23	0	2	11	0	0	0	0	1	22	0	0	0	0	19
19 Aldergrove	0	0	23	5	0	44.6	0	3	18	7	0	35.6	53	19	42	3	48	16	25	4	10	6	20	0	5	22	0	2	23	0	0	0	0	1	22	0	0	0	0	24
20 Birt Castle	0	0	15	13	0	46.8	0	0	17	11	0	36.3	56	17	44	9	50	15	33	25	6	0	26	0	0	27	0	0	17	0	0	0	0	28	0	0	0	0	28	
21 Valentia (Cahirciveen)	0	0	9	19	0	48.5	0	0	10	18	0	41.1	55	13	47	3	50	18	34	8	1	4	24	0	4	24	0	6	21	0	0	0	0	24	0	0	0	0	27	

UPPER AIR TEMPERATURE.

STATION.		WINDS.		No. of records of Velocity (knots) within fixed limits.										No. of records of Velocity (knots) within fixed limits.										Pressure.							
				UPPER AIR TEMPERATURE.										UPPER WINDS.																	
				No. of records of Velocity (knots) within fixed limits.										No. of records of Velocity (knots) within fixed limits.																	
Station.	Time of day.	WINDS.		UPPER AIR TEMPERATURE.		UPPER AIR TEMPERATURE.		UPPER AIR TEMPERATURE.		UPPER AIR TEMPERATURE.		UPPER AIR TEMPERATURE.		UPPER AIR TEMPERATURE.		UPPER AIR TEMPERATURE.		UPPER AIR TEMPERATURE.		UPPER AIR TEMPERATURE.		Pressure.									
		Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.										
Station.	Time of day.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Normal Temp.	Mean Temp.	Pressure.									
Surf.																						Surf.									
900.	3.240	31.7	42.4	32.9	43.7	34.0	37.9	35.3	31.9	41.2	50.1	28	0	0	0	0	0	25	3	0	0	0	0	2	17	8	1	0	0	900.	
800.	6.390	24.7	32.9	34.0	36.6	32.2	38.4	35.3	31.9	33.4	36.4	7	17	4	0	0	0	7	17	4	0	0	0	8	18	0	1	0	0	800.	
700.	9.870	15.1	25.0	27.6	32.2	31.1	28.9	23.7	20.3	23.7	30.6	8	14	6	0	0	0	6	17	4	1	0	0	6	19	1	1	0	0	700.	
600.	13.794	2.3	18.7	19.3	23.7	22.0	20.3	13.6	22.0	13.6	22.0	6	13	8	1	0	0	5	12	8	3	0	0	5	15	5	2	0	0	600.	
500.	18.278	13.7	14.8	8.1	11.1	10.5	7.3	1.1	9.2	1.1	9.2	6	11	6	3	2	0	6	9	8	5	0	0	7	11	7	1	1	0	500.	
400.	23.561	34.6	12.5	9.6	5.1	15.0	8.6	15.4	6.6	15.4	6.6	4	10	7	4	3	0	7	4	8	6	3	0	5	11	6	5	0	0	400.	
300.	30.049		31.2	27.1	27.9	29.5	29.5	35.9	26.5	35.9	26.5	4	8	8	3	5	0	4	6	8	4	3	3	2	11	6	7	1	0	2	300.
200.	38.640		53.9	54.6	45.9	55.4	55.4	58.4	51.7	58.4	51.7	3	7	9	3	4	2	3	6	6	7	2	3	1	10	7	7	1	0	0	200.
			74.1	79.3	80.4	76.6	76.6	72.3	65.9	72.3	65.9	4	7	8	5	1	0	2	10	5	3	2	2	4	8	8	4	0	0	1	

SUNSHINE, RAINFALL, AND HUMIDITY FEBRUARY, 1949

Page 3

Dist.	STATION.	SUNSHINE.												RAINFALL.														Days with Thunder.	Days with Snow or Sleet.							
		Number of Days with Duration.				Maximum Duration.		Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Highest and Lowest Totals on record for Month.			Number of days with amount.	Maximum fall in 24 hours.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Highest and Lowest Totals on record for Month.															
		Nil.	0.1-0.9h.	1-4.9h.	5-24h.	Hours.	Date.					First year of record.	Highest. Year.	Lowest. Year.							First year of record.	Highest. Year.	Lowest. Year.													
1	London (Kew Obsy).	3	10	7	8	0	8.2	19	1585	+116	106	+45	1880	106	1940	17	1947	18	6	2	2	0	0	7	8	473	-133	23	-16	1836	105	1879	2	1895	0	0
1	Croydon	2	8	5	13	0	8.8	17	1841	+316	132	+70	1922	132	1949	19	1947	19	4	3	2	0	0	13	8	580	-99	31	-18	1921	118	1937	4	1921	1	0
1	Calshot	1	9	4	11	2	9.4	28	2086	+340	136	+54	1881	136	1949	35	1940	22	1	2	3	0	0	11	8	563	-83	26	-20	1871	123	1937	1	1934	0	0
1	Lymington	4	5	7	12	0	8.8	19	1928	+163	136	+52	1921	136	1949	30	1940	19	6	1	1	1	0	14	8	532	-192	27	-23	1920	121	1937	3	1934		
2	Shoeburyness	4	7	5	12	0	8.8	19	1776	+60	142	+65	1919	142	1949	28	1947	22	2	4	0	0	0	4	8	393	-110	12	-19	1920	83	1937	4	1934	0	1
2	Corleston	2	7	9	10	0	8.6	19	1769	+126	131	+56	1908	131	1949	18	1947	17	4	5	2	0	0	8	8	475	-147	27	-11	1871	87	1916	4	1891	0	1
2	Waddington	1	7	11	9	0	8.5	19	1618	+80	122	+52	1921	122	1949	23	1947	23	4	0	1	0	0	7	8	521	-69	10	-28	1917	89	1923	9	1921	0	2
3	Birmingham (Edgbaston)	3	9	7	9	0	7.8	19	1417	+113	109	+52	1887	109	1949	9	1917	22	2	3	1	0	0	9	8	753	+79	20	-23	1893	149	1923	4	1921	0	1
4	Ross-on-Wye	0	10	10	8	0	8.3	16	1063	+178	114	+45	1915	119	1934	18	1940	21	2	3	2	0	0	14	8	700	-17	28	-23	1850	170	1923	0	1891	0	0
5	Falmouth (Observatory)	2	10	8	8	0	8.8	3	1770	+60	112	+32	1881	127	1909	26	1947	16	5	5	2	0	0	14	8	870	-237	38	-56	1871	229	1923	1	1932	0	0
7	Holyhead (Valley)	8	5	4	11	0	8.3	15	1578	+28	98	+23	1914	108	1930	36	1918	14	6	7	1	0	0	5	7	722	-165	28	-34	1871	152	1884	5	1932	0	0
8	Hawarden P.	1	11	9	7	0	7.2	27	1601	+225	112	+50	1923	112	1949	22	1947	17	5	5	1	0	0	14	9	562	-76	29	-11	1923	124	1931	1	1932	0	0
10	Tynemouth	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*	21	5	1	1	0	0	7	9	510	-111	12	-23	1915	155	1941	11	1946	0	0
12	Leuchers	1	10	10	7	0	8.7	26	1568	+98	110	+34	1922	119	1943	33	1923	12	9	6	1	0	0	10	9	685	+32	28	-17	1922	105	1941	2	1932	0	1
12	Renfrew	9	11	5	3	0	8.1	27	1233	+40	57	+7	1921	87	1946	22	1923	8	4	4	10	1	1	26	19	1290	+351	117	+35	1921	154	1946	1	1932	0	2
12	Eskdalemuir												1910	106	1932	23	1918																			
13	Stornoway	8	9	10	1	0	6.0	27	1214	-1	63	+8	1881	31	1886	23	1903	7	1	8	11	1	0	18	16	1283	+82	141	+28	1870	204	1898	11	1947	1	6
15	Dyce	0	11	8	7	1	9.1	23	1502	+80	111	+34	1881	121	1898	30	1947	19	1	6	2	0	0	8	9	784	-29	27	-27	1871	130	1923	6	1891	0	4
18	Alder Grove	6	12	5	5	0	7.3	5	1315	-11	74	+13	1927	84	1932	33	1940	11	7	8	2	0	0	11	8	827	-11	44	-20	1926	105	1937	3	1932	0	2
19	Birt Castle	4	18	6	0	0	5.6	4	1127	-179	54	-12	1881	102	1906	31	1947	13	4	7	4	0	0	11	8	920	+93	63	+5	1859	133	1925	4	1934	0	0
20	Valentia (Cahirciveen)	7	11	8	2	0	8.1	16	1276	-92	61	-5	1880	112	1930	29	1926	7	9	7	3	2	0	19	7	1344	-70	33	-41	1866	279	1914	11	1932	0	0

MINIMUM SURFACE HUMIDITY.

No. of Days (Mdy. to Mdy.) with Minima between Fixed Limits

STATIONS	55 to 59%	60 to 64%	65 to 69%	70 to 74%	75 to 79%	80 to 84%	85 to 89%	90 to 94%	95 to 99%	100%
London (Kew)	0	0	2	3	8	8	7	0	0	0
Ross-on-Wye	0	0	1	6	5	12	4	0	0	0
Falmouth (Obsy.)	0	9	11	6	1	1	0	0	0	0
Renfrew	0	1	4	12	7	3	1	0	0	0
Eskdalemuir										
Dyce	0	0	0	7	12	8	1	0	0	0
Valentia	0	1	7	5	14	1	0	0	0	0

STATE OF GROUND AT 21 h.

No. of Days each Type was Recorded

STATIONS	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.
London (Kew)	0	24	0	4	0	0	0	0	0	0	0 Dry
Ross-on-Wye	0	26	0	2	0	0	0	0	0	0	1 Moist
Renfrew	1	21	4	1	1	0	0	0	0	0	2 Wet
Eskdalemuir											3 Bare and Frozen
Dyce	2	22	0	3	0	1	0	0	0	0	4 Glaze on Ground but no ice, slush or snow
Valentia (at 18h.)	0	28	0	0	0	0	0	0	0	0	5 Ice, slush or snow covering less than half the ground
											6 Ice, slush or snow covering more than half of ground (but not completely)
											7 Ice, slush or snow completely covering ground
											8 Loose dry snow covering more than half of ground (but not completely)
											9 Loose Dry snow completely covering ground

* The extremes of rainfall and sunshine are supplemented by those from Southampton.
 † Averages and extreme values are those for Sealand about 5 miles from Hawarden.
 ‡ Averages and extreme values are those for Cranwell about 11 miles south of Waddington.

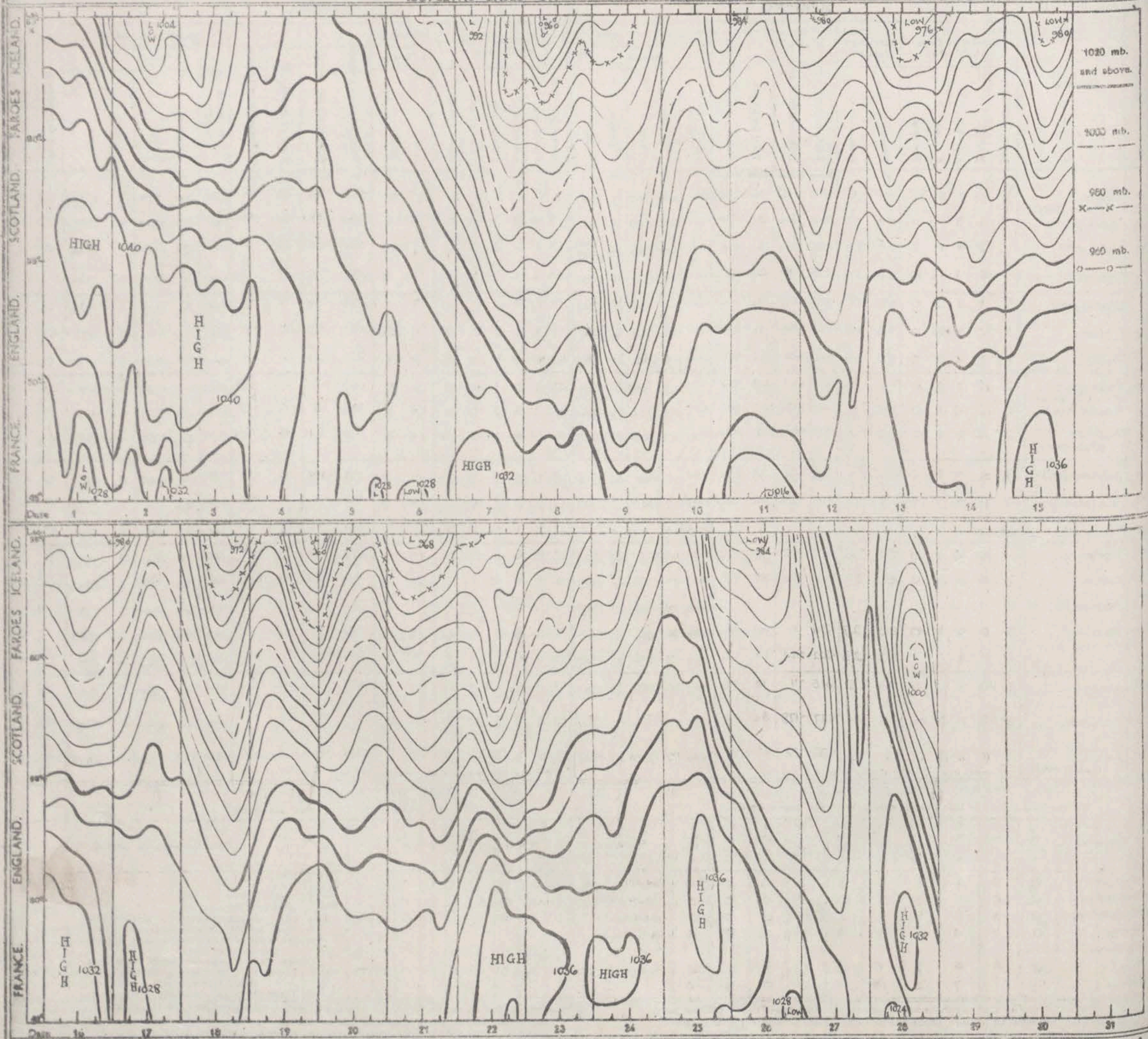
†† Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1 mm.

PRESSURE: ICELAND TO GULF OF LIONS

FEBRUARY,

1949

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.

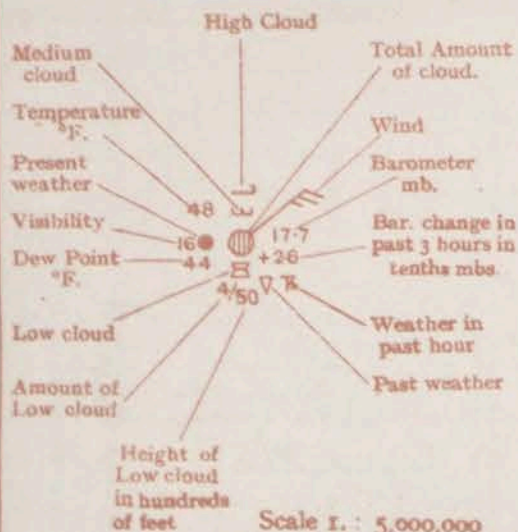


* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb pressure intervals intersect this line at 0h, 6h, 12h, and 18h are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat 60° N. Long 18° W. in the north; at Lat 44° N. Long 4° E. in the south.

BRITISH
SECTIONTHE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.Tuesday 1st February 1949
No. 31848

OBSERVATIONS at 12h. G.M.T. 31 st January																OBSERVATIONS at 18h. G.M.T. 31 st January														OBSERVATIONS during DAY											
Station	STATIONS. (For heights see p. 4)	Wind.		Pressure.	Temp.	Cloud.						Wind.		Pressure.	Temp.	Cloud.						21 h	Weather.		Max Temp. 09h. 21h. °F (35)	Sun- shine (36)	Rain 09h- 21h. mm. (37)														
		Direction (degrees)	Speed (kts.)			Form.	Amount.	Main layer.	Lowest layer.	Ht.	Ht.					Form.	Amount.	Main layer.	Lowest layer.	Ht.	Ht.		00 to 21 h. (34)																		
0	Kew ...	260	0614	10	37.1	-1.9	41	30	1	1	1	280	0405	01	34.7	-0.9	43	38	1	1	1	1	cf x i r o m o i d o n o	45.0	0.1	0.0															
1	London Airport	270	1020	2	37.5	-1.7	40	32	1	1	1	300	0611	01	34.4	-1.3	40	38	1	1	1	1	o m o d i o	45.0	0.0	0.0															
	Lymington	350	0406	0	36.6	-1.7	39	38	1	1	1	310	1009	15	33.3	-1.2	41	37	1	1	1	1	c i r o c m o	42.0	0.2	0.0															
	Tangmere	280	1006	1	37.7	-1.8	43	38	1	1	1	330	0616	15	35.0	-1.2	44	39	1	1	1	1	b n x c i r o c m o	48.3	0.5	0.0															
	Calshot	280	1420	2	38.5	-1.8	45	33	1	1	1	290	0416	10	35.5	-1.5	45	39	1	1	1	1	b m o c i r o c m o	48.4	0.7	0.0															
2	Boscombe Down	270	1032	2	37.8	-2.2	45	37	1	1	1	280	0616	10	35.6	-1.1	43	38	1	1	1	1	b x b c c i r o c	45.3	0.3	0.0															
	Felixstowe	290	1311	2	35.1	-2.2	39	33	1	1	1	350	0911	01	32.9	-1.3	42	41	1	1	1	1	c f m o b c	43.0	0.0	0.0															
	Gorleston	290	0807	0	34.1	-2.0	38	34	1	1	1	350	0920	2	32.1	-1.0	42	40	1	1	1	1	c f m o b c	44.0	0.0	0.0															
	West Raynham	260	1212	0	33.9	-2.3	37	34	1	1	1	010	1312	2	30.1	-1.4	40	39	1	1	1	1	c r o c i d o m o b c	42.0	0.0	0.0															
	Mildenhall	240	0612	10	35.3	-1.3	37	34	1	1	1	350	0514	01	34.0	-1.7	43	40	1	1	1	1	c m x c r o b m o c m o i d o n	43.0	0.0	0.0															
3	Cranfield	270	0520	1	36.2	-1.6	38	33	1	1	1	300	0305	2	34.0	-2.0	42	40	1	1	1	1	c i r o c i r o c i r o c m o	43.0	0.0	0.0															
	Honiley	270	0624	2	37.6	-1.4	41	32	1	1	1	310	0604	2	35.6	-1.0	44	43	1	1	1	1	c i r o c i r o c b c f m o	44.0	0.0	0.0															
	Wittering	290	1320	0	35.5	-1.6	42	32	1	1	1	021	1810	10	34.4	-1.2	43	43	1	1	1	1	c i r o m o c m o b m o b c m o	45.0	0.3	0.0															
	Watnall	270	1113	0	35.7	-1.2	43	33	1	1	1	020	1209	10	35.4	-1.7	43	39	1	1	1	1	c m o i r o b c	46.0	0.0	0.0															
4	Little Rissington	310	1256	1	37.5	-1.5	40	27	1	1	1	290	0916	10	35.6	-1.1	42	41	1	1	1	1	b c c y c i r o m o c m o	44.0	0.5	0.0															
5	Ross-on-Wye	260	0450	1	38.1	-1.3	45	31	1	1	1	310	0834	10	36.1	-1.1	45	43	1	1	1	1	c m o b c c p o c r o c	49.2	0.2	0.0															
	Shawbury	240	1344	0	37.4	-1.1	44	32	1	1	1	310	1024	10	36.2	-1.5	45	43	1	1	1	1	i r o d o d o f o d o n o	46.0	0.0	0.0															
	Bristol	270	1524	0	38.4	-2.0	43	33	1	1	1	270	0816	10	36.1	-1.1	43	41	1	1	1	1	b c c i r o m o	48.5	0.4	0.0															
	Exeter	310	0924	2	40.3	-1.8	43	33	1	1	1	310	0834	10	37.6	-1.1	43	41	1	1	1	1	b c c i r o m o	48.5	0.4	0.0															
	Portland Bill	310	0948	2	40.3	-1.8	43	33	1	1	1	300	0948	10	37.1	-1.8	43	42	1	1	1	1	b c f c c c c r o c c	48.5	0.4	0.0															
	Plymouth	090	0807	1	39.8	-2.4	45	32	1	1	1	340	0812	10	37.1	-1.4	45	43	1	1	1	1	b m o b b w	49.6	0.8	0.0															
	Chivenor	090	0832	1	40.4	-1.0	44	32	1	1	1	270	0856	10	37.2	-1.4	44	42	1	1	1	1	b m o b b c b c c	49.6	0.8	0.0															
	St. Eval	090	0836	1	40.1	-1.0	44	32	1	1	1	260	0856	10	37.2	-1.4	44	42	1	1	1	1	b m o b b c b c c	49.6	0.8	0.0															
	Lizard	090	0856	1	40.4	-1.0	44	32	1	1	1	090	0256	10	37.9	-1.3	43	41	1	1	1	1	b c b w	54.7	0.6	0.0															
	Scilly, St. Mary's	090	0882	1	40.1	-1.0	44	32	1	1	1	090	0256	10	37.9	-1.3	43	41	1	1	1	1	b c b w	54.7	0.6	0.0															
6	Guernsey	090	0882	1	40.1	-1.0	44	32	1	1	1	290	0256	10	37.9	-1.3	43	41	1	1	1	1	b c b w	54.7	0.6	0.0															
7	Aberporth	250	1140	1	39.7	-1.3	46	41	1	1	1	310	0448	0	37.4	-1.6	46	46	1	1	1	1	b c c b m o c m o f f e	47.4	0.5	0.0															
8	Pembroke	270	1034	2	40.5	-1.5	44	43	1	1	1	350	0908	0	37.2	-1.4	48	44	1	1	1	1	b c m o b c	48.5	0.4	0.0															
	Holyhead (Valley)	270	1536	0	38.0	-1.0	43	33	1	1	1	340	0948	0	37.2	-1.4	48	44	1	1	1	1	c i r o c m o	48.6	0.2	0.0															
	Manchester	210	0103	0	36.7	-1.4	39	33	1	1	1	020	0908	0	35.8	-1.2	44	43	1	1	1	1	c i r o c m o	46.0	0.0	0.0															
9	Squires Gate...	280	1424	0	36.0	-0.9	45	45	1	1	1	350	1008	1	35.6	-1.6	44	42	1	1	1	1	c i r o m o i d o b c f m o	46.0	0.5	0.0															
	Silloth	250	0556	1	34.5	-1.0	43	45	1	1	1	080	1002	1	36.4	-1.4	46	43	1	1	1	1	b c m o b c c b c	50.0	0.0	0.0															
	Finningley	290	1512	2	34.7	-1.7	47	43	1	1	1	360	0124	1	35.4	-1.5	41	38	1	1	1	1	c i r o m o c m o c i r o m o b c m o	49.0	0.4	0.0															
	Spurn Head	290	1206	0	33.3	-1.0	42	42	1	1	1	021	1100	1	34.0	-1.5	42	41	1	1	1	1	c m c p r b c c	44.0	0.0	0.0															
	Leeming	310	0882	1	33.3	-1.7	43	43	1	1	1	360	0632	2	36.3	-1.9	41	34	1	1	1	1	c m o b c c m o	50.0	0.1	0.0															
10	Tynemouth	360	1432	1	34.8	-1.8	44	33	1	1	1	260	2080	1	36.6	-1.9	42	38	1	1	1	1	c m o c m o c p r	44.0	0.0	0.0															
	St. Abb's Head	360	0982	1	35.5	-1.3	42	40	1	1	1	360	1307	1	36.1	-1.0	41	38	1	1	1	1	c	46.0	0.0	0.0															
	Leuchars	360	0481	1	35.0	-1.3	45	43	1	1	1	010	0482	1	37.3	-1.2	36	33	1	1	1	1	c c c c c b c b c	47.0	0.9	0.0															
	Exdalemuir	360	0481	1	35.0	-1.3	45	43	1	1	1	010	0482	1	37.3	-1.2	36	33	1	1	1	1	b c c c m o b c	51.0	0.8	0.0															
	Prestwick	300	0664	1	35.6	-1.4	48	46	1	1	1	140	0524	1	36.5	-1.1	44	41	1	1	1	1	b c c c m o b c	51.0	0.8	0.0															
11	West Freugh...	310	1283	1	35.9	-1.3	48	46	1	1	1	340	0381	1	37.1	-1.0	43	42	1	1	1	1	c i r o c c m o	49.0	0.2	0.0															
	Ronaldsway	300	1364	1	36.5	-1.2	48	46	1	1	1	360	0281	1	37.0	-1.6	44	43	1	1	1	1	c b c c	49.0	0.2	0.0															
	Tiree	350	1183	1	37.4	-1.9	47	41	1	1	1	020	0484	1	37.7	-1.5	44	43	1	1	1	1	c b w x	49.0	0.2	0.0															
	Benbecula	360	0884	1	37.6	-1.7	45	41	1	1	1	090	0484	1	37.6	-1.5	44	43	1	1	1	1	b c c c b c w	48.2	0.2	0.0															
	Stornoway	010	0181	1	37.6	-1.4	44	42	1	1	1	110	0181	1	37.6	-1.4	44	42	1	1	1	1	c i r o d o b	45.0	1.4	0.0															
12	Cape Wrath	360	0583	1	37.1	-1.7	42	37	1	1	1	050	0583	1	34.5	-1.4	40	35	1	1	1	1	b c b	43.0	0.0	0.0															
	Sule Skerry	320	0982	1	36.8	-2.2	42	34	1	1	1	040	0582	1	35.1	-1.3	41	32	1	1	1	1	*	44.0	0.0	0.0															
	Loch Rannoch	350	1064	1	36.3	-1.1	41	39	1	1	1	340	0981	1	38.1	-1.8	37	34	1	1	1	1	c i r o c p r c	42.0	0.8	0.0															
	Dyce	290	0845	1	37.0	-1.5	42	40	1	1	1	010	1183	1	38.3	-1.3	40	37	1	1	1	1	i d o b c c	41.0	1.3	0.0															
	Lossiemouth	290	0845	1	37.0	-1.5	42	40	1	1	1	010	1183	1	38.3	-1.3	40	37	1	1	1	1	i d o b c c	41.0	1.3	0.0															
13	Wick	320	0881	1	36.9	-1.7	40	35	1	1	1	360	1087	1	38.5	-1.2	39	30	1	1	1	1	c i d o b c	41.0	0.2	0.0															
	Lerwick	340	0687	1	35.9	-1.6	35	32	1	1	1	340	0981	1	37.2	-1.5	43	39	1	1	1	1	c b c c	37.0	0.																

STATION MODEL



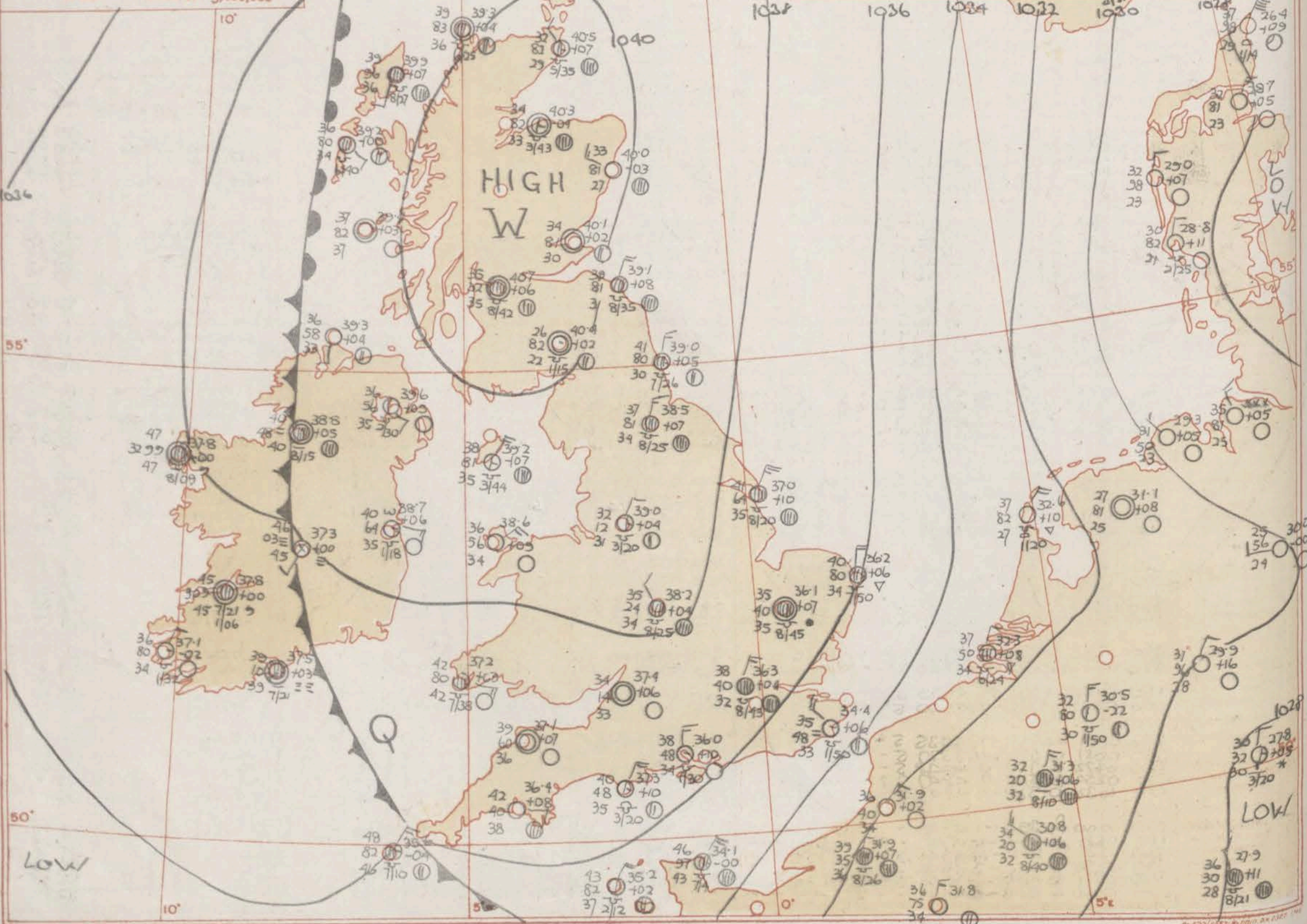
6h Tuesday 13 February 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-15h Westminster 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	9h %
				Max.	Min.						
					° F.	° F.	° F.	mm.	mm.	Yesterday	To- day
Kew ...	cf x 10m, idm, 0.2m	45	38	33	0.1	0.1	0.1	0.1	62	81	
Croydon ...	em 0.1m, 0.2m, 0.2m	45	37	33	0.6	0.2	0.2	0.2	65	81	
Greenwich ...	cf cdm cdm	45	37	35	0.2	0.2	0.2	0.2	68	80	
Westminster	.	.	.	45	37	35	0.5	.	67	83	
Regents Park	.	.	.	45	37	35	0.1	0.3	79	82	
Cannden Square	c	c	.	45	37	29	-	-	79	82	
Kensington ...	c2	c2	.	45	34	+	0.1	0.1	82	82	
Hampstead ...	bc or	bc	0	43	35	33	0.3	.	82	82	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.8 Time 9/10 Min. 0.0 Time 4/11



An on the British England occur in Wales frost ton

110°

100°

90°

80°

70°

60°

50°

40°

30°

20°

10°

0°

10°

20°

30°

40°

50°

60°

70°

80°

90°

1949

ing

Humidity

Fsh %

Wh %

To-day

Day

62 81

65 81

68 80

67 83

83

79 82

83

134

26.4

70.9

4.4

39.7

40.5

10

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GENERAL INFERENCE

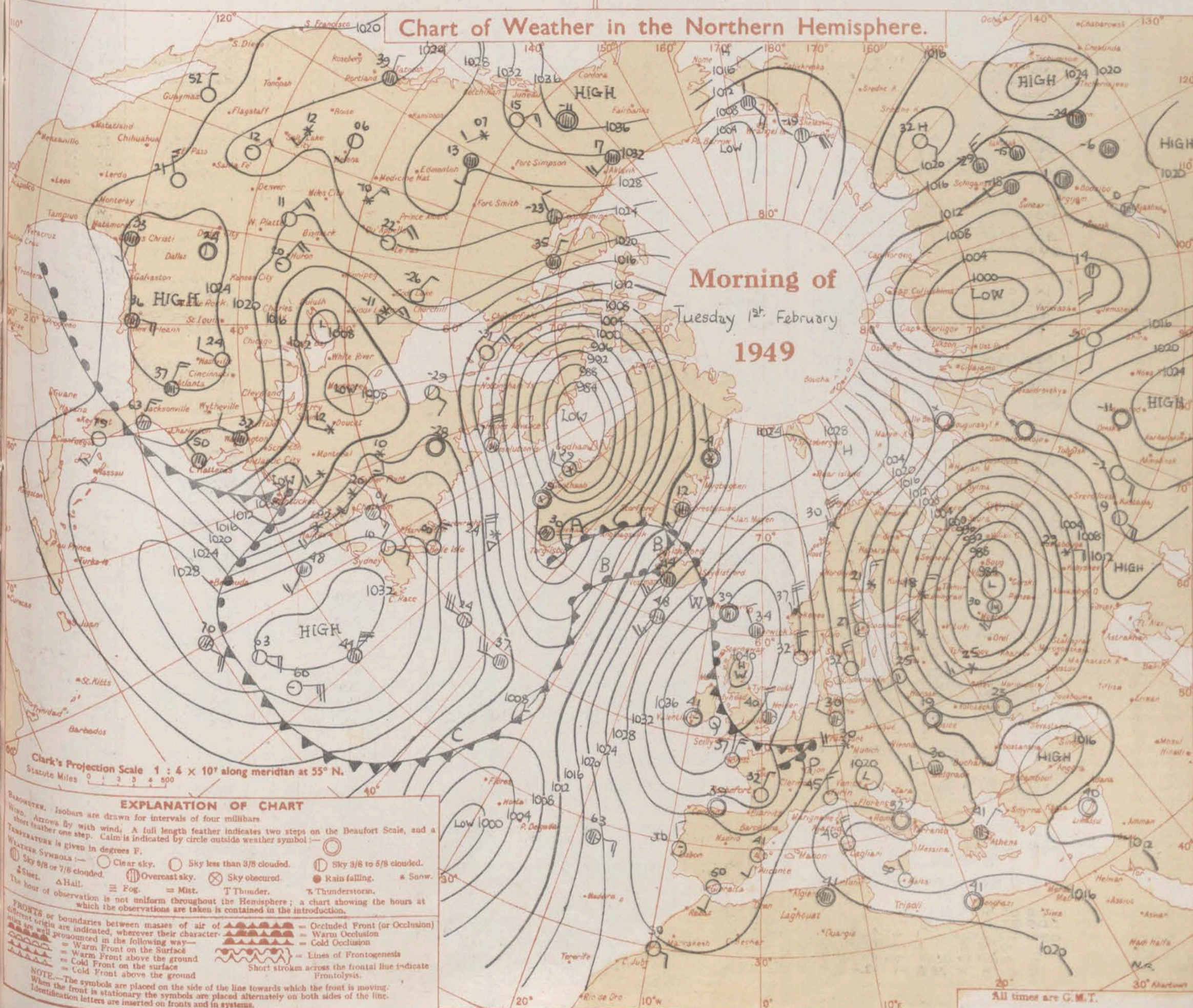
An anticyclone will maintain mainly dry but often cloudy and hazy weather throughout the British Isles: There will be a few showers today in eastern districts of England, and there may be a little drizzle later in North Scotland: Fog will occur locally night and morning in western and northern districts of England, in Wales, the Clyde-Forth Valley, and Northern Ireland: Rather cold, with frost tonight in some northern and western districts.

FURTHER OUTLOOK

Little change.

Chart of Weather in the Northern Hemisphere.

Morning of
Tuesday 1st February
1949



Clark'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 by which 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 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Sky 5/8 or 7/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Fog. — Mist. — Thunder. — Thunderstorm. — Lines of Frontogenesis. — Occluded Front (or Occlusion). — Warm Occlusion. — Cold Occlusion. — Warm Front on the surface. — Cold Front on the surface. — Cold Front above the ground. — Warm Front above the ground. — Short strokes across the frontal line indicate Frontolysis.

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

All times are G.M.T.

BRITISH
SECTION

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 1st February 1949
No. 31848

[illegible]

Minimum temperature and rainfall read at 0700. † Birr Castle reports at 0700.

The DAILY WEATHER REPORT is issued in three Sections:- British, International, Upper Air.

RATES OF SUBSCRIPTION: Single copy one section, 2d or 3d post free. One calendar month, 5s. One quarter, 13s. One year, 50s. Any two or all three sections: Single copies, 4d or 5d post free. One calendar month, 9s. One quarter, 25s. One year, 90s. For special arrangements for supply to schools and colleges see Form 2452.

* Information not usually received.

1949

NIGHT

09 h.

Min. on Grass (40)

Rain (41)

01 h.

Min. on Grass (40)

Rain (41)

02 h.

Min. on Grass (40)

Rain (41)

03 h.

Min. on Grass (40)

Rain (41)

04 h.

Min. on Grass (40)

Rain (41)

05 h.

Min. on Grass (40)

Rain (41)

06 h.

Min. on Grass (40)

Rain (41)

07 h.

Min. on Grass (40)

Rain (41)

08 h.

Min. on Grass (40)

Rain (41)

09 h.

Min. on Grass (40)

Rain (41)

10 h.

Min. on Grass (40)

Rain (41)

11 h.

Min. on Grass (40)

Rain (41)

12 h.

Min. on Grass (40)

Rain (41)

13 h.

Min. on Grass (40)

Rain (41)

14 h.

Min. on Grass (40)

Rain (41)

15 h.

Min. on Grass (40)

Rain (41)

16 h.

Min. on Grass (40)

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 2nd February 1949 No. 31,849

OBSERVATIONS at 12h. G.M.T. 1st February

OBSERVATIONS at 18h. G.M.T. 1st February

OBSERVATIONS during DAY (1st)

STATIONS. (For heights see p. 4)	OBSERVATIONS at 12h. G.M.T. 1 st February										OBSERVATIONS at 18h. G.M.T. 1 st February										OBSERVATIONS during DAY (1 st)						
	Wind.		Pressure.		Temp.		Cloud.				Wind.		Pressure.		Temp.		Cloud.				OBSERVATIONS during DAY (1 st)						
	Direction (degrees)	Speed (kts.)	mb.	Change in 3 hrs.	Air	Sea	Form.	Total amount.	Main layer.	Lowest layer.	Direction (degrees)	Speed (kts.)	mb.	Change in 3 hrs.	Air	Sea	Form.	Total amount.	Main layer.	Lowest layer.	Weather	Max. Temp. (1h.)	Min. Temp. (1h.)	Rain (0h. to 1h.)	Rain (1h. to 2h.)		
0 Kew	020	0735	0	37.9	+4	42	32	5	-	-	020	0914	0	39.1	+1	41	35	5	-	-	0	020	020	020	020	020	
1 London Airport	010	1024	2	37.9	+4	43	33	8	-	-	010	0812	2	38.7	+1	43	35	5	-	-	1	020	020	020	020	020	
2 Lympne	010	1581	2	36.4	+5	41	37	6	-	-	020	0521	2	38.2	+1	43	34	5	-	-	1	020	020	020	020	020	
3 Tangmere	060	0932	2	37.2	+6	42	35	7	-	-	060	0624	2	38.1	+1	42	34	5	-	-	1	020	020	020	020	020	
4 Calshot	050	0732	2	37.7	+6	41	35	7	-	-	010	0732	2	38.3	+1	41	34	5	-	-	0	020	020	020	020	020	
5 Boscombe Down	020	0740	2	38.1	+7	40	33	5	-	-	360	0552	2	38.5	+1	39	33	5	-	-	0	020	020	020	020	020	
6 Felixstowe	010	0464	2	36.8	+7	40	35	8	-	-	360	0348	2	37.6	+1	39	34	5	-	-	1	020	020	020	020	020	
7 Gorleston	050	0732	2	36.5	+7	40	36	8	-	-	360	1322	2	37.4	+1	40	38	5	-	-	1	020	020	020	020	020	
8 West Raynham	360	0732	2	36.5	+7	40	36	8	-	-	360	0756	2	38.4	+1	36	35	5	-	-	1	020	020	020	020	020	
9 Mildenhall	310	0256	2	37.8	+5	40	36	8	-	-	340	0664	2	38.7	+1	37	34	5	-	-	1	020	020	020	020	020	
10 Cranfield	020	0432	2	38.0	+5	40	33	5	-	-	030	0724	2	38.6	+7	39	34	5	-	-	0	020	020	020	020	020	
11 Honiley	360	0516	0	38.7	+8	39	34	8	-	-	020	0612	0	40.3	+1	38	32	8	-	-	1	020	020	020	020	020	
12 Wittering	360	1032	0	38.8	+6	39	35	8	-	-	020	0832	0	39.5	+9	38	34	8	-	-	1	020	020	020	020	020	
13 Watnall	360	0814	0	39.3	+4	39	35	8	-	-	020	1014	0	39.9	+8	38	33	8	-	-	1	020	020	020	020	020	
14 Little Rissington	360	0810	2	38.9	+5	37	34	5	-	-	360	0110	2	39.8	+13	37	33	5	-	-	1	020	020	020	020	020	
15 Ross-on-Wye	300	0206	0	39.5	+5	38	34	6	-	-	020	0508	0	39.4	+1	39	32	5	-	-	1	020	020	020	020	020	
16 Shawbury	330	0308	0	40.3	+6	38	34	6	-	-	360	0510	0	40.7	+1	39	30	5	-	-	1	020	020	020	020	020	
17 Bristol	020	0807	0	39.2	+6	39	34	6	-	-	020	0805	0	39.5	+9	39	32	6	-	-	1	020	020	020	020	020	
18 Exeter	050	1230	0	39.0	+5	42	30	6	-	-	050	0824	2	39.4	+12	40	32	6	-	-	1	020	020	020	020	020	
19 Portland Bill	050	0248	2	38.1	+4	43	36	2	-	-	050	0824	2	38.6	+8	41	32	2	-	-	0	020	020	020	020	020	
20 Plymouth	070	1056	6	38.2	+5	43	32	1	-	-	040	1216	2	38.5	+10	41	30	1	-	-	0	020	020	020	020	020	
21 Chivenor	050	0630	6	39.2	+4	44	30	1	-	-	050	0630	6	39.0	+1	41	29	1	-	-	1	020	020	020	020	020	
22 St. Eval	030	0451	6	38.3	+1	43	30	1	-	-	030	0630	6	37.4	+7	41	30	1	-	-	0	020	020	020	020	020	
23 Lizard	070	1122	6	37.8	+1	43	30	1	-	-	070	1032	6	37.3	+8	42	35	1	-	-	0	020	020	020	020	020	
24 Scilly, St. Mary's	100	1730	0	37.3	+1	50	44	8	-	-	100	1232	6	37.3	+8	42	35	1	-	-	0	020	020	020	020	020	
25 Guernsey	030	0981	0	36.8	+6	43	29	6	-	-	030	1681	0	37.2	+10	42	32	5	-	-	0	020	020	020	020	020	
26 Aberporth	060	0580	6	39.7	+8	42	36	2	-	-	060	0480	6	39.7	+8	40	33	5	-	-	0	020	020	020	020	020	
27 Pembroke	130	1336	2	40.0	+14	44	37	1	-	-	120	1336	6	39.5	+3	41	35	5	-	-	0	020	020	020	020	020	
28 Holyhead (Valley)	090	1034	2	40.1	+8	44	37	1	-	-	070	1036	6	40.2	+5	35	32	5	-	-	0	020	020	020	020	020	
29 Manchester	1	002	0	40.6	+8	46	34	0	-	-	040	0805	0	40.7	+9	38	32	5	-	-	1	020	020	020	020	020	
30 Squires Gate...	030	0440	6	40.6	+10	41	32	5	-	-	040	0409	6	41.0	+9	35	31	5	-	-	1	020	020	020	020	020	
31 Silloth	310	0141	6	41.1	+7	41	32	2	-	-	360	0511	6	40.0	+6	37	33	5	-	-	0	020	020	020	020	020	
32 Finnerley	010	0832	2	39.5	+4	40	33	8	-	-	010	0556	2	38.9	+2	40	33	8	-	-	1	020	020	020	020	020	
33 Spurn Head	020	1064	2	38.3	+10	40	38	2	-	-	040	0440	2	40.7	+8	37	32	5	-	-	1	020	020	020	020	020	
34 Leeming	020	0240	2	40.0	+3	40	34	5	-	-	340	0440	2	40.7	+8	37	32	5	-	-	1	020	020	020	020	020	
35 Tynemouth	020	0308	2	40.7	+5	40	31	5	-	-	330	0912	2	41.2	+4	40	33	5	-	-	1	020	020	020	020	020	
36 St. Abb's Head	360	0507	2	39.8	+5	40	32	5	-	-	0	0805	2	41.3	+4	39	31	5	-	-	1	020	020	020	020	020	
37 Leuchars	020	0507	2	39.8	+5	40	32	5	-	-	030	0805	2	41.3	+4	39	31	5	-	-	1	020	020	020	020	020	
38 Eskdalemuir	020	0432	2	40.6	+2	39	30	5	-	-	030	0805	2	41.3	+4	39	31	5	-	-	1	020	020	020	020	020	
39 Prestwick	120	0852	6	40.8	+3	44	31	5	-	-	080	0805	6	40.6	+2	35	31	5	-	-	1	020	020	020	020	020	
40 West Freugh	130	0852	6	41.2	+6	41	32	5	-	-	030	0482	6	41.1	+5	35	25	5	-	-	0	020	020	020	020	020	
41 Ronaldsway	030	0852	6	41.1	+8	41	33	5	-	-	050	0582	6	40.8	+5	32	30	5	-	-	0	020	020	020	020	020	
42 Three	160	1364	6	40.1	+7	45	40	5	-	-	170	1481	6	39.6	+3	43	36	5	-	-	1	020	020	020	020	020	
43 Benbecula	180	0634	6	39.8	+3	45	40	5	-	-	150	0881	6	38.6	+2	42	39	5	-	-	1	020	020	020	020	020	
44 Stornoway	200	0784	6	39.6	+1	46	40	5	-	-	210	0580	6	39.1	+2	36	36	5	-	-	2	020	020	020	020	020	
45 Cape Wrath	180	1383	6	40.0	+0	4																					

GENERAL INFERENCE

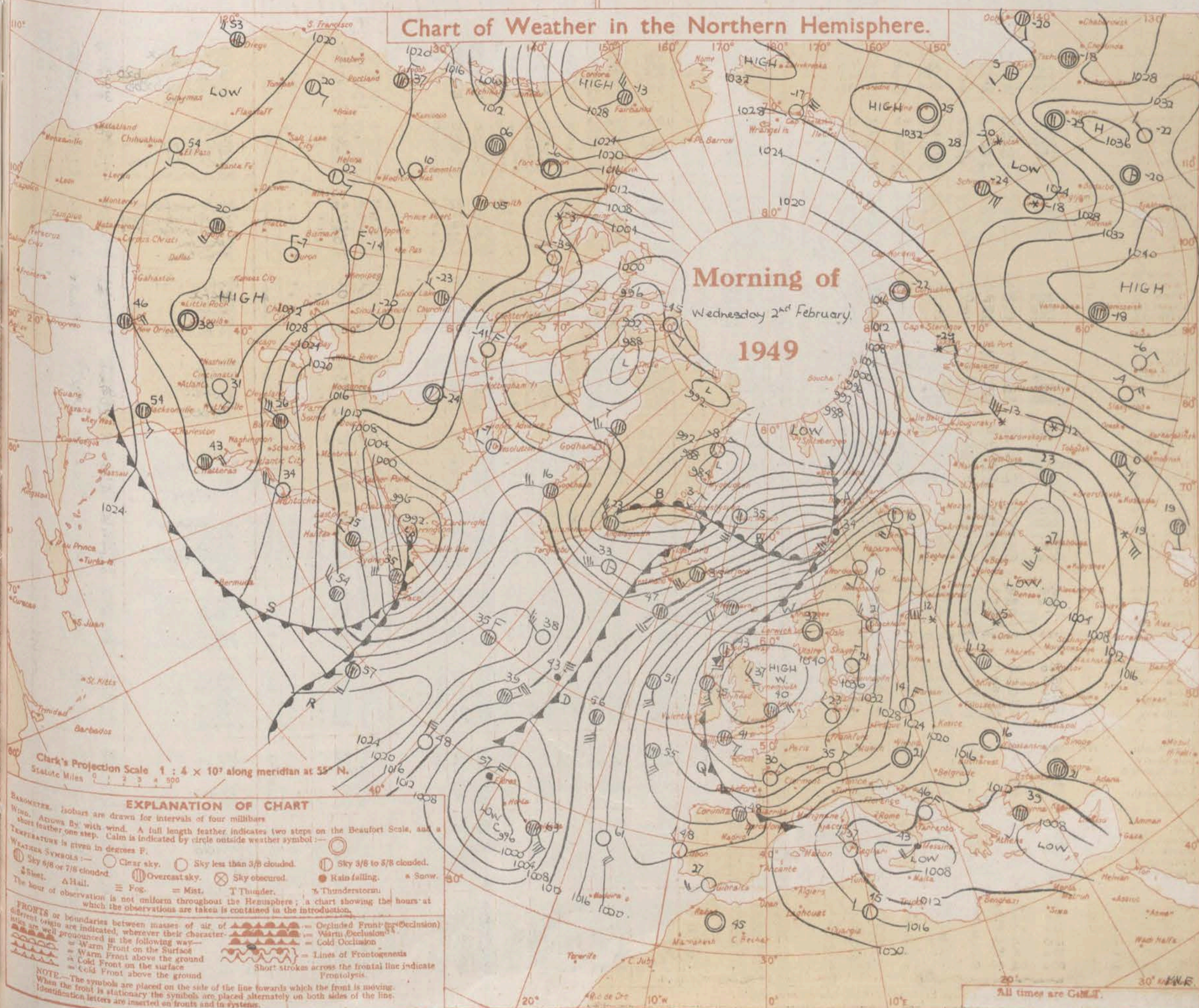
A large anticyclone will maintain generally fair and mainly bright weather throughout the British Isles. There will be considerable smoke haze in many districts. Fog will occur locally in England, Wales and the Clyde-Forth area, and particularly in low-lying industrial areas tonight and tomorrow. Keen frost will occur tonight in most districts, and frost will be hard locally in England and East Wales. Temperatures will remain below freezing locally in foggy areas tomorrow.

FURTHER OUTLOOK

Little change.

Chart of Weather in the Northern Hemisphere.

Morning of
Wednesday 2nd February.
1949



Clark'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 by 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 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Sky 5/8 or 7/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Fog. — Mist. — Thunder. — Thunderstorm.
FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground. — Occluded Front (Occlusion). — Warm Occlusion. — Cold Occlusion. — Lines of Frontogenesis. Short strokes across the frontal line indicate Frontolysis.
NOTE. The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are GMT.

BRITISH
SECTIONTHE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.Wednesday 2nd February 1949
No. 31849

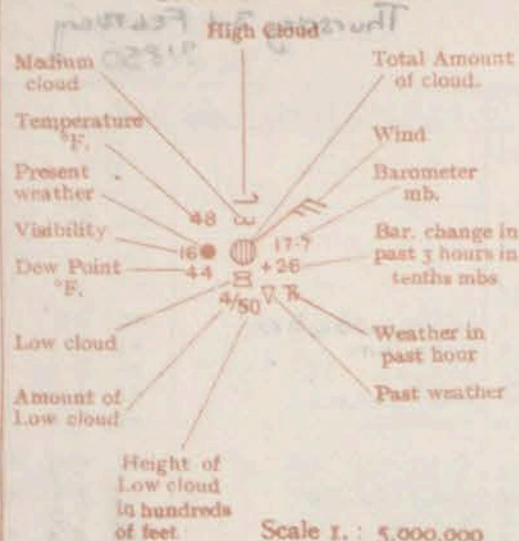
OBSERVATIONS at 00hr. G.M.T. 2nd February																OBSERVATIONS at 06hr. G.M.T. 2nd February																OBSERVATIONS Tuesday NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
District	STATIONS	Height above M.S.L.	Wind		Pressure	Temp.	Cloud								9 h	Weather	Temperature		Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Direction (degrees)	Speed (kts.)			Form	Amount	Main layer	Lowest layer	Ht.	Ht.	Ht.	21 h.-09 h.			Min. °F.	Min. on Grass °F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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* Information not usually received.

STATION MODEL



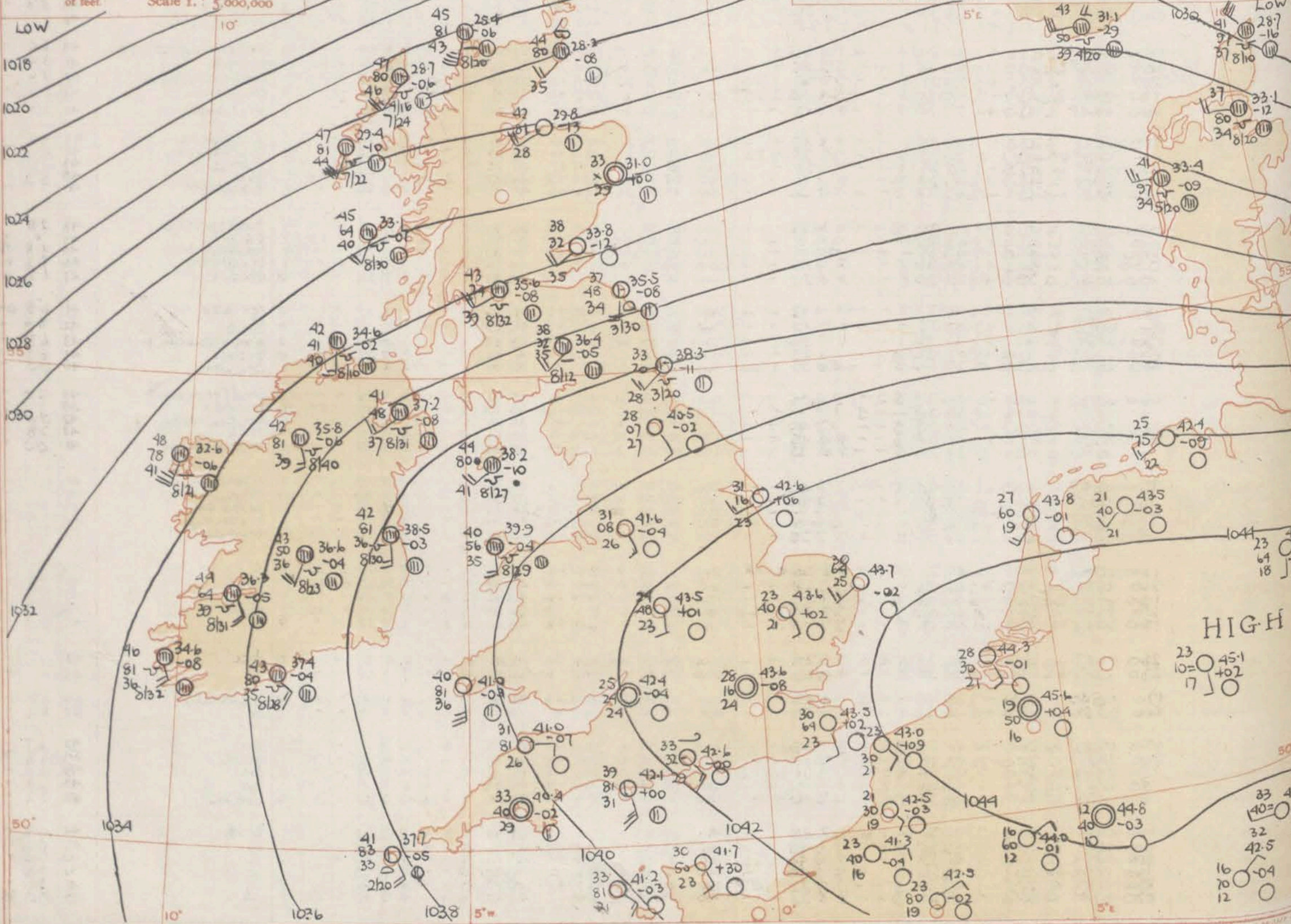
6h Thursday 3rd February 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-18h Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sun-shine to sunset		Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	hrs.	Yesterday	To-day
Kew	bfxbcz	cbzbcz	bzmofx	42	24	11	-	-	3.0	-	-	-
London Airport	bfbf	afbm	bfxmfx	43	24	19	-	-	-	-	-	-
Greenwich	cfmm	bbm	bxm	42	22	7	-	7R	3.1	37	92	92
Westminster	.	.	.	42	30	20	-	-	.	65	94	94
Regents Park	.	.	.	39	26	17	-	-	.	67	94	94
Camden Square	of	cf	.	39	26	13	-	-	.	.	96	96
Kensington	c	bcebc	.	42	26	.	-	-	.	63	88	88
Hampstead	bcx	bcx	bcmx	38	26	17	-	-	.	.	68	68

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 3rd Max. Time Min. Time



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little material change.

Gale warning:
 ▼ South coasts are flying in Orkneys and Shetlands and along north coast of Scotland, north of a line Storehaven to Mallaig.

Morning of
Thursday 3rd February
1949



EXPLANATION OF CHART

SOUNDINGS. Isolines 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 shown by a thermometer.

W. is shown by a sun.

☐ Sky 5/8 or 7/8 clouded. ☐ Clear sky. ☐ Sky less than 3/8 clouded. ☐ Sky 3/8 to 5/8 clouded.
☐ Rain. ☐ Overcast sky. ☐ Sky obscured. ☐ Rain falling. ☐ Snow.
 The hour of observation. ☐ Fog. ☐ Mist. ☐ Thunder. ☐ Thunderstorm.

Observation is not uniform throughout the Hemisphere: a chart showing the hours at which the observations are taken is contained in the introduction.

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

- Warm Front on the Surface
- Cold Front above the ground
- Cold Front on the surface
- Cold Front above the ground

OCCLUDED FRONT (or Occlusion)

WARM OCCLUSION

COLD OCCLUSION

Lines of Frontogenesis

Short strokes across the frontal line indicate Frequent rain.

NOTE.—The second

When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are C.M.T.

BRITISH
SECTIONTHE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.Thursday 3rd February 1949
No. 31850

OBSERVATIONS at 00hr. G.M.T. 3rd February																OBSERVATIONS at 06hr. G.M.T. 3rd February																OBSERVATIONS Wednesday NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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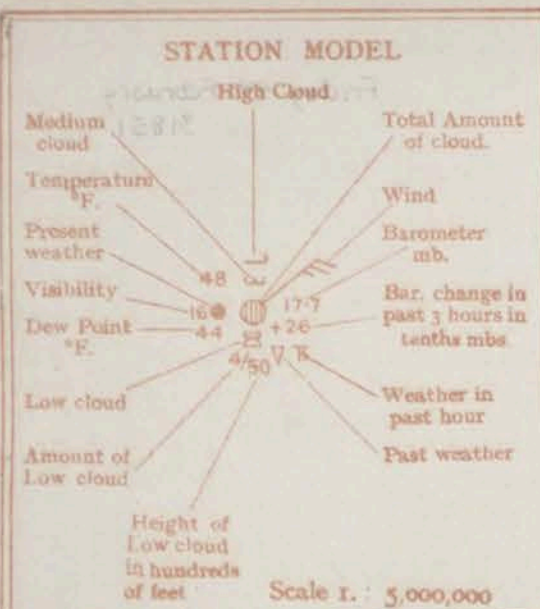
* Rainfall read at 0600.

The DAILY WEATHER REPORT is issued in three Sections—British, International, Upper Air.

RATES OF SUBSCRIPTION: Single copy one section, 2d or 3d post free. One calendar month, 5s. One quarter, 13s. One year, 50s. Any two or all three sections Single copies, 4d or 5d post free. One calendar month, 9s. One quarter, 25s. One year, 90s. For special arrangements for supply to schools and colleges see Form 2452

* Information not usually received.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.



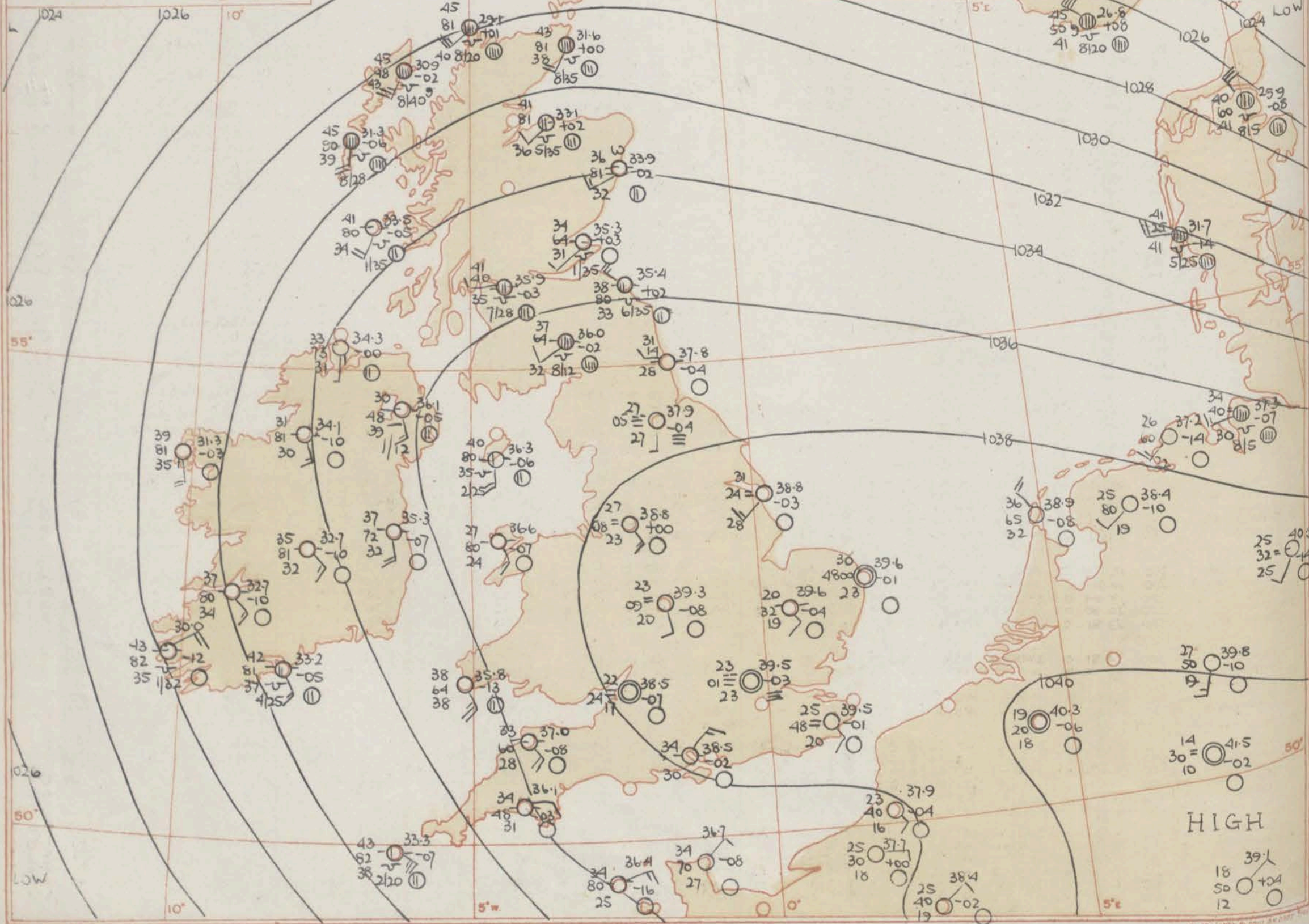
6h. Friday 4th. February 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-15h Westminster
Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	15h %	9h %
				Max.	Min.	° F.	mm.	mm.		Yesterday	To-day
Kew ...	b2,ybmfx	b2,ybmfx	b2,ybmfx	39	24	11	-	TR	7-1	*	*
London Airport	b2,ybmfx	b2,ybmfx	b2,ybmfx	41	21	17	-	-	*	60	100
Greenwich ...	by	by	bxmf	41	20	7	-	TR	7-2	50	85
Westminster	.	.	.	41	27	18	-	.	*	57	88
Regents Park	.	.	.	40	24	15	-	-	.	57	93
Camden Square	4f	of	.	40	24	12	-	-	.	63	94
Kensington ...	b2	bc2	.	41	25	.	-	-	*	63	97
Hampstead ...	bcx	bcfx	bmfx	38	27	14	-	-	*	*	71

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 4th. Max. 1.3 Time 16-24 Min. .40 Time 11-16h 3.1



An an
large to
bright
England

Clark's
Statute

NOTE: When the
forecast is
given in
the hour of
the day

GENERAL INFERENCE

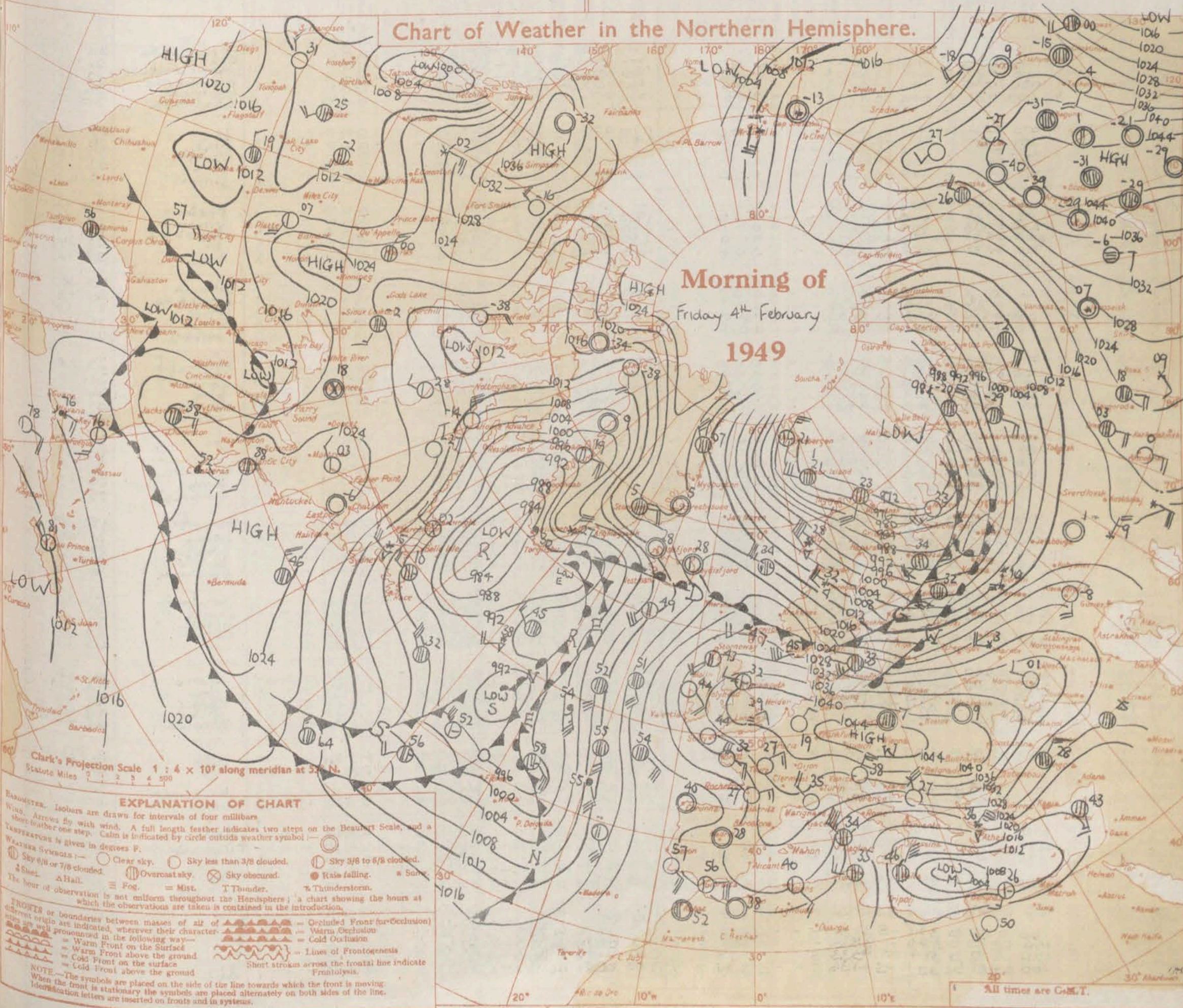
An anticyclone persists over Central Europe. Over most of the British Isles weather will be fair or fine but hazy. Fog will occur in places, mainly near large towns and it will be thick at times. Keen or hard frost is likely tonight in Scotland and North Ireland. Night frosts will continue in England and Wales and in some foggy areas frost will persist all day.

Little change.

FURTHER OUTLOOK

Chart of Weather in the Northern Hemisphere.

Morning of
Friday 4th February
1949



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 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Same.
— Sky 5/8 or 7/8 clouded. — Fog. — Mist. — Thunder. — Thunderstorm.
— Snow. — Hail. — 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.
FRONT or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way:
— Warm Front on the surface
— Warm Front above the ground
— Cold Front on the surface
— Cold Front above the ground
— Occluded Front (or Occlusion)
— Warm Occlusion
— Cold Occlusion
— Lines of Frontogenesis
Short strokes across the frontal line indicate Frontolysis.
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.

STATION MODEL

High Cloud
 Medium cloud
 Temperature °F
 Present weather
 Visibility
 Dew Point °F
 Low cloud
 Amount of Low cloud
 Height of Low cloud in hundreds of feet
 Total Amount of cloud
 Wind
 Barometer mb.
 Bar. change in past 3 hours in tenths mbs.
 Weather in past hour
 Past weather

Scale 1 : 5,000,000

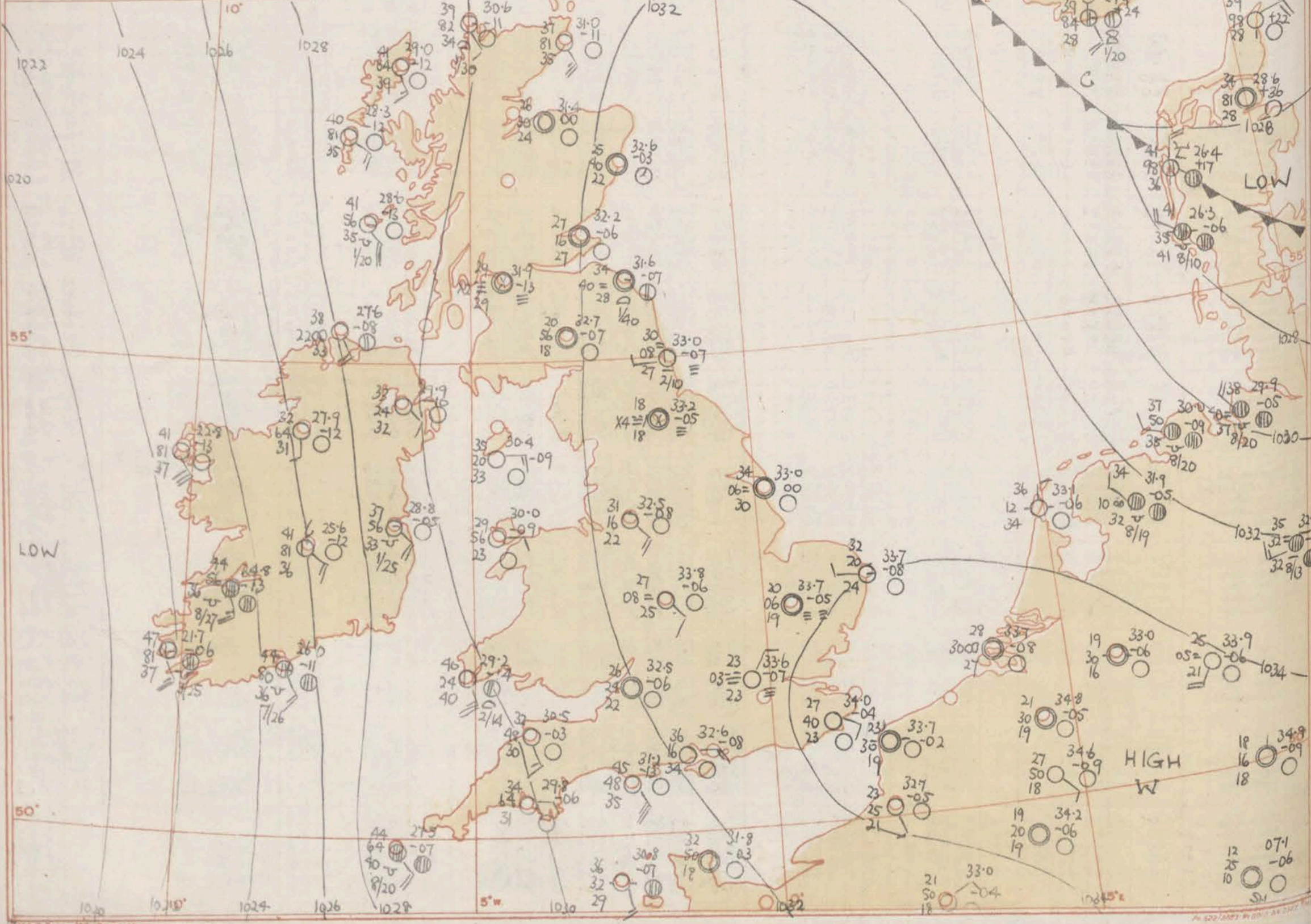
6h Saturday 5th February 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-18h Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	on grass	Day	Night		Yesterday	To-day
Kew ...	blac	fb	blac	43	23	12	-	Tr	2.3	*	*
Croydon	bFF	fb	bFF	45	22	17	-	-	*	*	*
London Airport	bFF	fb	bFF	45	22	17	-	-	*	*	*
Greenwich ...	fbg	by	bxf	46	24	8	-	Tr	7.6	37	88
Westminster	.	.	.	45	28	18	-	-	.	45	81
Regents Park	.	.	.	44	25	15	-	-	.	42	90
Cannden Square	of	of	.	42	24	21	-	-	.	63	92
Kensington ...	b2	bf	.	44	26	4	-	-	.	63	92
Hampstead ...	bce	of	bmx	41	26	16	-	-	.	63	63

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
 Kew 24 hours ended 6h. 54 Max. 2.1 Time 1.24 Min. 0.3 Time 14.15 hrs on 4th



Southern

in the w of the B cloud th

Clark's

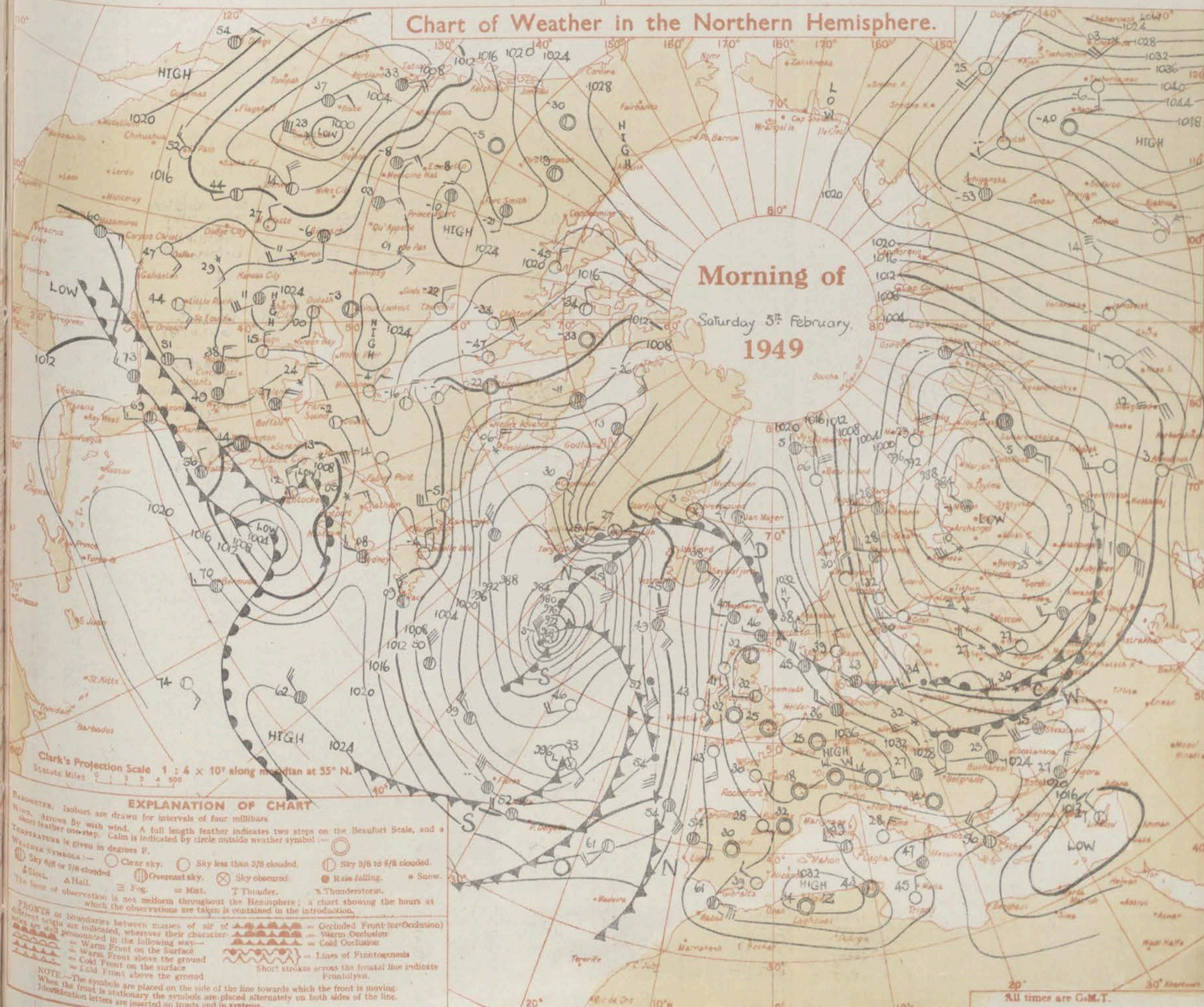
NOTE: When the

The anticyclone over Europe is collapsing, but another over Southern Scandinavia is intensifying and moving south southeast. Over most of the country there is unlikely to be much change in the weather during the next few days. Night frosts will continue in many parts of the British Isles except in the extreme west, where there may be a little more cloud than of late.

Little change

Chart of Weather in the Northern Hemisphere.

Morning of
Saturday 5th February,
1949



All times are G.M.T.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Sunday 6th February, 1949
No. 31853.

OBSERVATIONS at 12h. G.M.T. 5 th February																	OBSERVATIONS at 18h. G.M.T. 5 th February																	OBSERVATIONS during DAY (5 th)				
District.	STATIONS. (For heights see p. 4)	Wind.		Visibility (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						Wind.		Visibility (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						21 h	Weather 00 to 24 h.	Max Temp. 00h. 21h. °F (35)	Sun shine. 00h. 21h. min. (36)	Rain 00h. 21h. mm. (37)				
		Direction (degrees)	Speed (kts.)			Bar at M.S.L.	Change in 3 hrs.	Air °F.	Wet Bulb °F.	Dew point °F.	Form.	Amount 0-8	Main layer.	Lowest layer.	Direction (degrees)	Speed (kts.)	Bar at M.S.L.			Change in 3 hrs.	Air °F.	Wet Bulb °F.	Dew point °F.	Form.	Amount 0-8	Main layer.	Lowest layer.	State of ground										
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)					(30)	(31)	(32)	(33)
0	Kew	100	04	01	b, f	32.9	-4	39	18	-	-	-	0	0	0	-	-	110	03	04	b, f	32.6	+5	36	28	-	-	-	0	0	0	-	-	3	b, f, b, f, b, z, y, b, f	46	4.2	-
1	London Airport	110	07	02	b, f	33.4	-1	41	30	-	-	-	0	0	0	-	-	110	06	03	b, f	32.7	+6	40	29	-	-	-	0	0	0	-	-	1	b, f, b, z, b, f	48	7	-
	Lymington	-	0	24	N	34.1	0	47	29	-	-	-	0	0	0	-	-	100	11	32	N	33.0	+2	37	17	-	-	-	0	0	0	-	-	1	b, z, b, z, y, b, m	47	8.6	-
	Tangmere	160	10	32	N	33.1	0	46	31	-	-	-	0	0	0	-	-	100	08	20	b	32.0	-2	36	32	-	-	-	0	0	0	-	-	0	b, m, x, b, y, b, m	47	8.7	-
	Calshot	120	09	32	N	32.6	-2	41	28	-	-	-	0	0	0	-	-	090	13	32	N	31.3	-5	43	39	-	-	-	0	0	0	-	-	0	b, m, b, z, b, z, y, b, z, b, m	45	8.7	-
2	Boscombe Down	100	07	20	N	32.1	-4	42	32	-	-	-	0	0	0	-	-	110	10	32	b	31.0	+4	34	29	-	-	-	0	0	0	-	-	0	b, x, b, z, y, b	46	8.2	-
	Felixstowe	110	02	14	b	34.6	+3	43	32	-	-	-	0	0	0	-	-	120	01	48	N	33.5	+2	38	34	-	-	-	0	0	0	-	-	3	b, f, x, b, z, b, m	45	7.5	-
	Gorleston	-	0	08	b	34.3	0	44	28	-	-	-	0	0	0	-	-	200	02	56	b	33.8	+3	38	21	6	-	-	2	2	20	-	-	3	b, e, f, x, b, z, b, c, m, b, m	49	8.0	-
	West Raynham	-	0	24	b	33.9	+3	47	20	-	-	-	0	0	0	-	-	130	10	24	b	33.1	+4	33	28	-	-	-	0	0	0	-	-	0	b, z, b, y, b, b, z, b, x	49	8.5	-
	Mildenhall	-	0	16	b	34.2	+2	48	29	-	-	-	0	0	0	-	-	110	07	24	b	32.8	+2	34	27	-	-	1	-	-	-	-	0	b, m, x, z, o, y, z, o, m, o, x	50	7.6	TR	
3	Cranfield	090	08	04	f	33.1	-1	39	30	-	-	-	0	0	0	-	-	120	07	08	b	32.2	+4	34	27	-	-	-	0	0	0	-	-	3	b, z, x, b, f, b, z, b, m	42	5.7	-
	Honiley	140	08	07	b	33.6	-1	38	30	-	-	-	0	0	0	-	-	120	06	05	b	32.1	+4	32	28	-	-	-	0	0	0	-	-	3	b, m, b, z, b, z, b, m	43	7.2	-
	Wittering	-	0	06	b	34.1	+3	38	27	-	-	-	0	0	0	-	-	160	07	16	N	32.6	+4	37	29	-	-	-	0	0	0	-	-	1	b, m, x, b, m, b, y, b, z, o, b, m	42	6.8	-
	Watnall	-	0	04	b, f	33.7	-3	37	28	-	-	-	0	0	0	-	-	100	05	07	N	32.6	+7	35	29	-	-	-	0	0	0	-	-	3	b, f, b, m, b, z, b, f	44	6.3	-
4	Little Rissington	130	11	08	N	32.6	-3	39	30	-	-	-	0	0	0	-	-	160	10	07	b	31.7	+4	35	29	-	-	-	0	0	0	-	-	0	b, m, x, z, m, x	42	7.7	-
5	Roos-on-Wye	270	01	02	b, f	32.5	0	33	29	-	-	-	0	0	0	-	-	090	03	05	b, f	30.9	-1	36	30	-	-	-	0	0	0	-	-	3	b, m, b, m, b, f, m	44	6.2	-
	Shawbury	120	03	04	b, f	32.2	-8	39	26	-	-	-	0	0	0	-	-	120	04	08	b	30.6	+1	35	30	-	-	-	0	0	0	-	-	3	b, f, m, o, z, o, m, o, x	42	6.0	-
	Bristol	180	08	16	N	32.0	-7	41	32	-	-	-	0	0	0	-	-	130	02	12	N	30.8	+4	35	29	-	-	-	0	0	0	-	-	3	b, e, f, x, b, z, o, b, m, o, x	47	6.5	-
	Exeter	150	13	48	N	31.2	0	45	33	-	-	-	0	0	0	-	-	130	02	10	b	30.1	+5	40	31	-	3	-	1	-	-	-	-	1	b, w, b, x, f, g	46	8.9	-
	Portland Bill	130	13	48	N	32.4	+5	45	32	-	-	-	0	0	0	-	-	130	13	48	N	30.8	+2	45	35	-	-	-	0	0	0	-	-	0	b, z	46	-	-
6	Plymouth	090	08	24	N	30.0	+3	44	35	-	-	-	0	0	0	-	-	090	05	24	N	29.1	+5	40	34	-	3	-	1	1	-	-	-	0	b, m, o, x, b, m, o	46	7.9	-
	Chivener	110	13	36	b	29.8	-6	44	32	-	-	-	0	0	0	-	-	110	10	64	b	29.5	+14	40	31	-	1	1	1	-	-	-	0	b, m, o, x, b	47	*	-	
	St. Eval	150	16	64	b	28.5	+5	46	39	-	-	-	0	0	0	-	-	150	08	64	b	28.3	+7	41	36	-	5	-	1	1	1	-	-	1	b, m, o, x, b	47	8.4	-
	Lizard	130	08	64	b	28.7	0	48	41	-	-	-	0	0	0	-	-	110	10	72	b	28.0	+9	45	40	5	-	2	2	20	-	-	0	b, b, o, b, c	48	7.8	-	
	Scilly, St. Mary's	130	17	56	b	27.1	-4	49	45	5	-	-	4	4	18	-	-	130	18	48	b	26.4	+6	47	45	5	-	5	7	6	17	-	-	0	c, h, c, b, b, c, e, w	50	4.4	-
7	Guernsey	160	09	56	b	31.2	+1	43	31	-	-	-	0	0	0	-	-	130	10	56	b	29.6	0	42	28	-	-	-	0	0	0	-	-	0	b, b, z	44	8.7	-
8	Aberporth	160	10	56	b	29.2	-7	42	32	-	-	-	0	0	0	-	-	170	11	64	b	28.3	+7	39	29	-	-	-	0	0	0	-	-	0	b, x, b, y, b	46	7.9	-
9	Pembroke	170	24	40	N	29.5	+3	43	41	-	-	-	0	0	0	-	-	150	21	28	N	28.3	+2	43	43	-	-	-	0	0	0	-	-	0	b, c, m, o, b, m, o	45	7.0	-
10	Holyhead (Valley)	180	09	56	N	30.0	-2	44	34	-	-	-	0	0	0	-	-	-	0	44	N	28.6	+1	37	33	-	4	-	1	-	-	-	-	0	b, c, m, o, b, m, o	46	4.2	-
11	Manchester	160	09	16	N	32.2	-5	44	30	-	-	-	0	0	0	-	-	130	05	10	b	30.8	+1	46	27	-	-	-	0	0	0	-	-	1	b, z, o	46	7.5	-
12	Squires Gate...	100	12	09	N	31.8	-2	41	32	-	-	-	0	0	0	-	-	110	10	07	b	30.1	-2	36	29	-	-	-	0	0	0	-	-	1	m, z, z, o, b	44	6.8	-
13	Silloth	040	08	24	N	30.8	-5	37	31	-	-	-	0	0	0	-	-	050	05	40	N	28.5	-	35	32	-	-	-	0	0	0	-	-	3	b, m, o, x, b, m, o	44	5.2	-
14	Finningley	-	0	04	b, f	33.6	-2	40	27	-	-	-	0	0	0	-	-	160	05	10	N	32.0	-1	33	29	-	-	-	0	0	0	-	-	0	b, f, x, b, z, o, b, m, o	45	7.6	-
15	Spurn Head	-	0	06	b, f	33.5	-5	48	38	-	-	-	0	0	0	-	-	160	02	08	b	32.9	+15	38	34	5	-	1	-	-	-	-	-	3	b, m, o, b, m	49	2.6	-
16	Leeming	-	0	03	b, f	33.4	-3	25	25	-	-	1	-	-	-	-	-	200	04	05	b, f	31.6	+1	34	29	-	-	1	-	-	-	-	-	3	b, f, b, m	36	0.3	-
17	Tynemouth	270	02	01	b, e, f	33.0	-6	34	28	2	-	-	3	3	18	-	-	200	05	03	b, e, f	31.6	0	40	28	5	-	-	3	3	18	-	-	3	b, e, f, f, b, e, m, b, e, f, f	44	-	-
18	St. Abb's Head	180	13	08	b, e, f	32.3	+1	36	36	1	-	-	3	3	40	-	-	180	09	13	b, e, f	29.7	-3	37	34	-	-	-	3	3	35	-	-	4	b, m, o, b, f, f	39	-	-
19	Leuchars	-	0	07	b	32.8	-2	34	28	5	-	-	1	1	15	-	-	040	02	04	b, e, f	29.9	-8	36	36	5	6	1	2	1	16	-	-	3	b, m, b, f, f	42	2.9	-
20	Eskealemuir...	-	0	80	b	31.6	-5	39	22	-	-	-	0	0	0	-	-	030	02	81	b	30.2	-3	32	25	5	-	-	1	1	35	-	-	3	b, x, b, y, b	47	7.9	TR
21	Prestwick	090	09	48	b	29.7	-10	43	26	-	-	-	0	0	0	-	-	140	07	32	b	29.6	0	38	30	-	3	-	1	1	85	-	-	0	b, x, b, y, b, z, o	49	8.1	-
22	West Freugh...	130	20	28	N	30.0	-7	42	30	-	-	-	0	0	0	-	-	150	14	04	b, e, f	27.7	-7	42	38	-	-	-	0	0	0	-	-	0	b, m, o, x, z, o, f	45	7.0	-
23	Ronaldsway	130	14	12	b	30.1	-3	43	37	-	-	-	0	0	0	-	-	130	10	48	b	28.3	0	38	36	-	-	1	1	-	-	-	-	0	b, i, b, x	46	-	-
24	Tirree	130	20	56	b	27.2	-10	45	32	-	-	1	-	-	-	-	-	160	24	40	b	24.5	-9	43	31	-	-	1	1	-	-	-	-	1	b, z, o, y, b, c	47	6.8	-
25	Benbecula	130	20	81	b	26.5	-10	46	32	-	-	1	-	-	-	-	-	160	20	82	b	23.7	-13	44	30	-	-	4	1	-	-	-	-	1	b, w, b, y, b	47	7.9	-
26	Stornoway	140	08	82	b	27.9	-21	46	35	-	-	2	1	1	-	-	-	-	0	82	b	25.0	-12	41	34	-	-	-	0	0								

Brainfall read at 1800

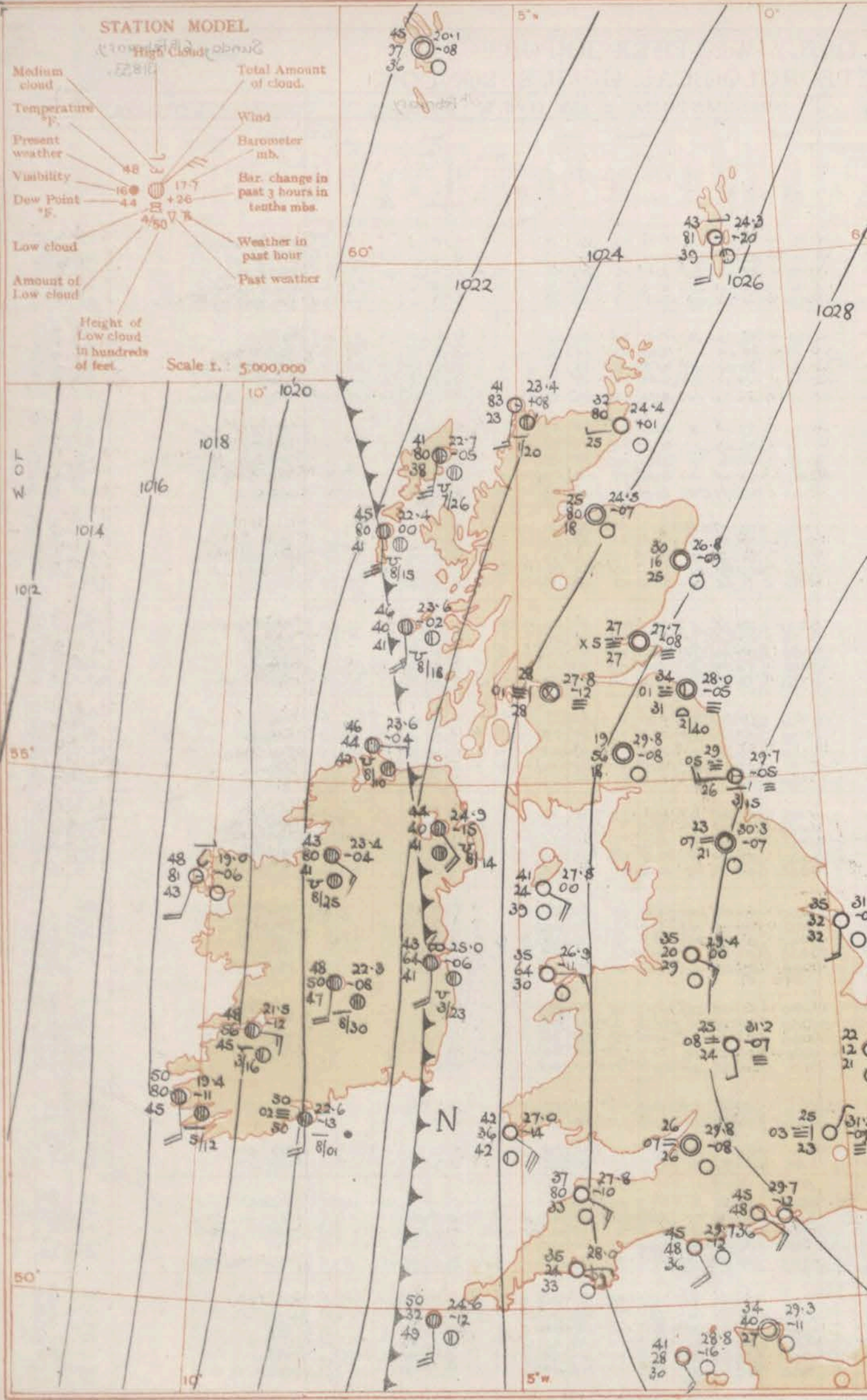
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

++ Cloud heights are in hundreds of feet.

* Information not usually received.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.



6h Sunday 6th February, 1949

LONDON OBSERVATIONS for yesterday and this morning
Day 09h-18h Kensington, 09h-12h Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on gram	Day	Night		Yester-day	To-day
				* F.	* F.	* F.	mm.	mm.		%	%
Kew ...	bfx, bf, bz, ybf	bfx	bfx	46	26	12	-	TR	4.2		
Croydon ...	bFFbz bff	bff	bff	48	23	18	-	-	*	55	98
Greenwich ...	bcmf	by	bmx	48	26	9	-	TR	7.1	48	78
Westminster				48	31	19					74
Regents Park											
Camden Square	af	af		46	23	17	-	-			83
Kensington ...	b	bf		48	26		-	-		70	87
Hampstead ...	bm	bm	bx	45	30	21					67

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 6th Max 1.7 Time 6.12h Min. 0.3 Time 14.17h

The north-west
Ireland
will be
skies co
milder
light
tomorrow

Clark
Scales

BAROMETER
Wind Arrow
short weather
TEMPERATURE
Weather Sym
Sky
The hour of

FRONTS of
different origin
are well
marked

NOTE
When
located

GENERAL INFERENCE

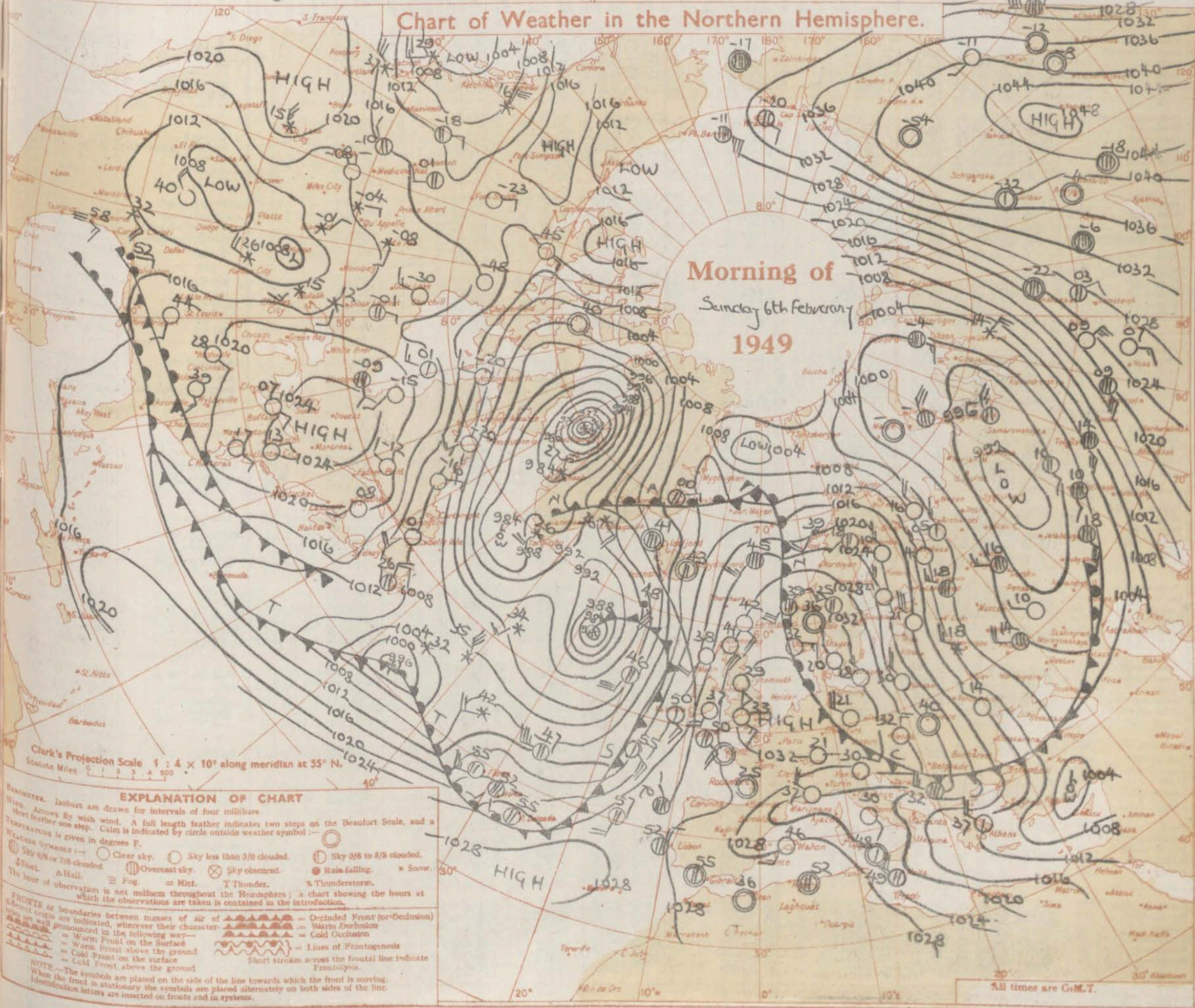
The anticyclone over Germany is moving South-east. The depression northwest of the Azores is expected to turn north off Western Ireland. Over much of England and in South-east Scotland there will be little change, local fog and night frosts with almost cloudless skies continuing. In western and northern districts cloudy milder conditions will extend slowly eastwards with occasional light rain or drizzle and more general rain in the north-west tomorrow. Southerly winds may reach gale force in the west.

FURTHER OUTLOOK

No great change in eastern districts of England though probably a little milder. Cloudy with rain at times and rather milder in western and northern districts.

Chart of Weather in the Northern Hemisphere.

Morning of
Sunday 6th February
1949



EXPLANATION OF CHART

BAROMETER. Isolines 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:

☉ Sky 0/8 or 7/8 clouded.	☁ Clear sky.	☁ Sky less than 3/8 clouded.	☁ Sky 3/8 to 5/8 clouded.
☁ Sky 5/8 or 7/8 clouded.	☁ Overcast sky.	☁ Sky obscured.	☁ Rain falling.
☁ Snow.	☁ Fog.	☁ Mist.	☁ Thunder.
☁ Thunderstorm.	☁ Thunder.	☁ Thunderstorm.	☁ Thunderstorm.

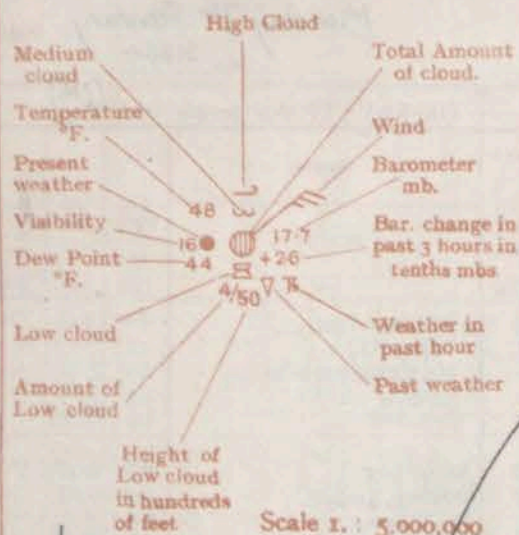
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.

FRONTS or boundaries between masses of air of different origins are indicated, wherever their character is well pronounced in the following way:
 = Warm Front on the surface
 = Warm Front above the ground
 = Cold Front on the surface
 = Cold Front above the ground

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

All times are G.M.T.

STATION MODEL

6h Monday 7th February.

1949

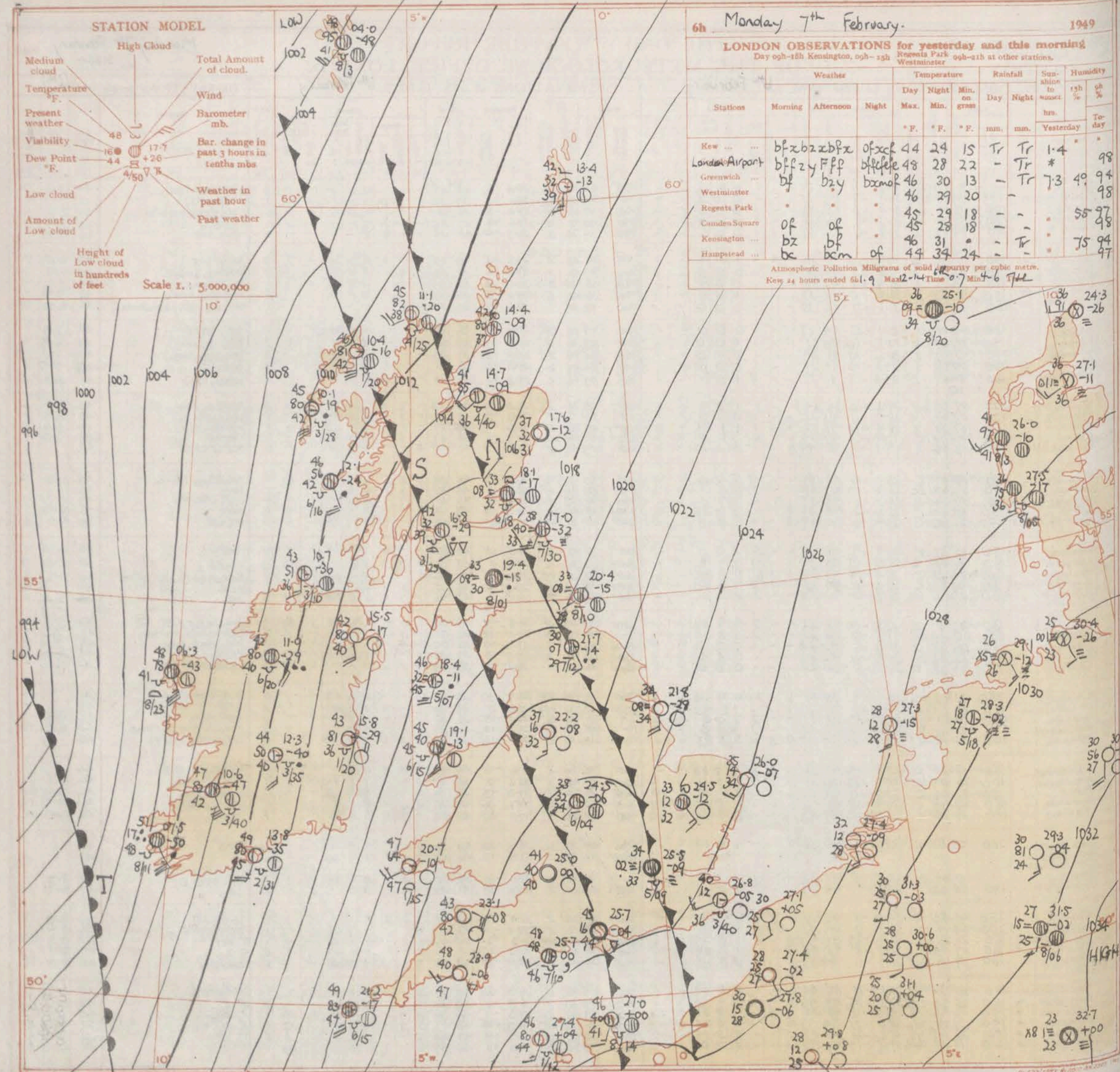
LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-18h Regents Park 09h-18h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yester-day	To-day
Kew ...	bfxbzxbfx	ofxcf	44	24	15	Tr	Tr	1.4			
London Airport	bffzy Ffp	bffefef	48	28	22	-	Tr	*		98	
Greenwich ...	bf	bzy	46	30	13	-	Tr	7.3	49	94	
Westminster			46	29	20	-				98	
Regents Park			45	29	18	-				55	97
Camden Square	of	of	45	28	18	-				98	
Kensington ...	bz	bf	46	31	*	-	Tr			75	94
Hampstead ...	bc	bcm	of	44	34	24	-				97

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h 1.9 Max 12.14 Time 0.7 Min 4.6 T.H.

A de
South
across
the S
Show
low s
after
West

110°

100°

90°

80°

70°

60°

50°

40°

30°

20°

10°

0°

-10°

-20°

-30°

-40°

-50°

-60°

-70°

-80°

-90°

-100°

-110°

-120°

-130°

-140°

-150°

-160°

-170°

-180°

-190°

-200°

-210°

-220°

-230°

-240°

-250°

-260°

-270°

-280°

-290°

-300°

GENERAL INFERENCE

A deep depression West of Ireland is moving Northeast. Freshening South and Southwest winds with milder cloudy weather will extend across the country. There will be occasional rain or drizzle in the South and a period of more general rain in the North when showers and fair periods will follow the rain tonight. Fog and low stratus in eastern districts will clear in most places by the afternoon. Southerly winds will freshen to gale force in the West and North and gales may be severe in some areas.

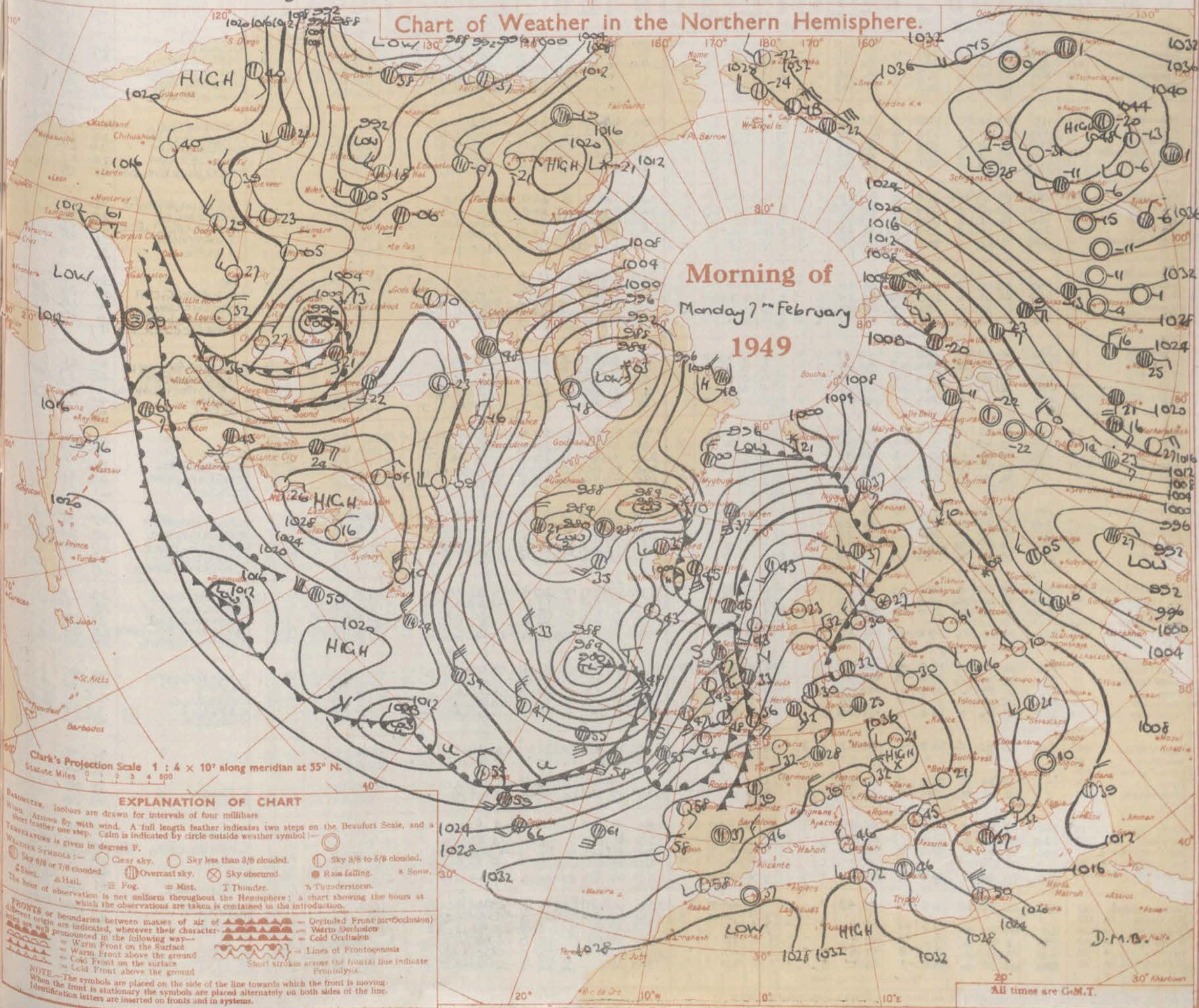
FURTHER OUTLOOK

Showery in the North. mainly cloudy perhaps with periods of rain in Southern and Central districts.

South cones are flying on all western and northern coasts of Britain; along the South coast west of Portsmouth, in the Channel Isles, the Isle of Man, in Ireland between Howth and L. Foyle and on north Scottish coasts north of Dornoch Firth.

Chart of Weather in the Northern Hemisphere.

Morning of
Monday 7th February
1949



Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isolines are drawn for intervals of four millibars.

WIND. Arrows by 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.

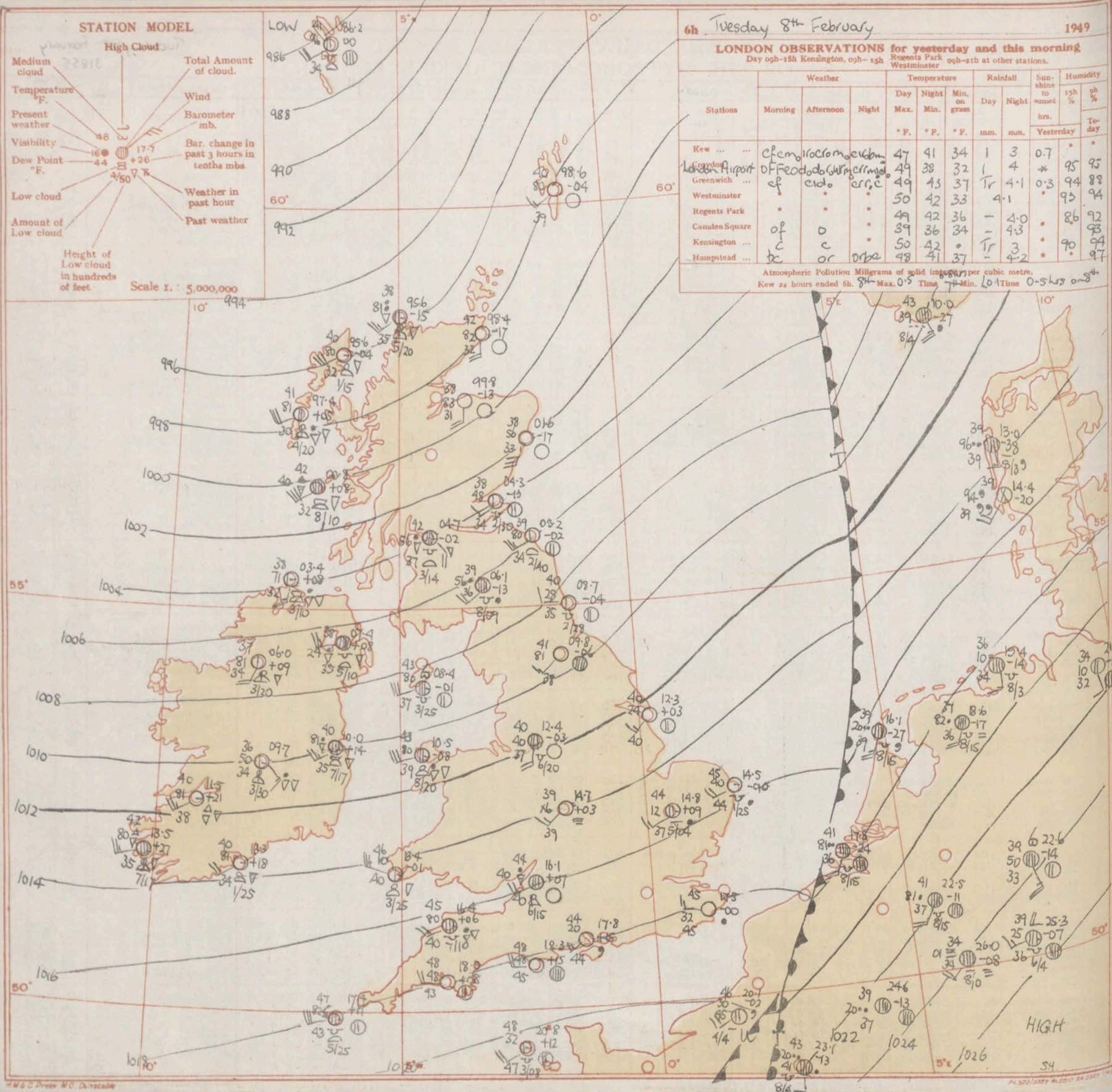
TEMPERATURE is given in degrees F.

WEATHER SYMBOLS: — Clear sky. — Sky less than 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Thunderstorm. — Fog. — Mist. — Thunderstorm. — Lines of Frontogenesis. — Short strokes across the frontal line indicate Frontolysis.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground.

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

All times are G.M.T.



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GENERAL INFERENCE

The deep depression over Iceland is moving northeast and a depression near the Azores is expected to move northeastwards deepening. Squally showers with bright intervals will occur in all areas with local hail and thunderstorms especially in western districts and with snow on high ground in Scotland and Northern England. Rain spreading from southwest is expected to reach Southwestern districts tomorrow and spread east and northeast during the day. It will be generally rather cold but rather mild in the South of England. Night frosts may occur in eastern and northern districts.

FURTHER OUTLOOK

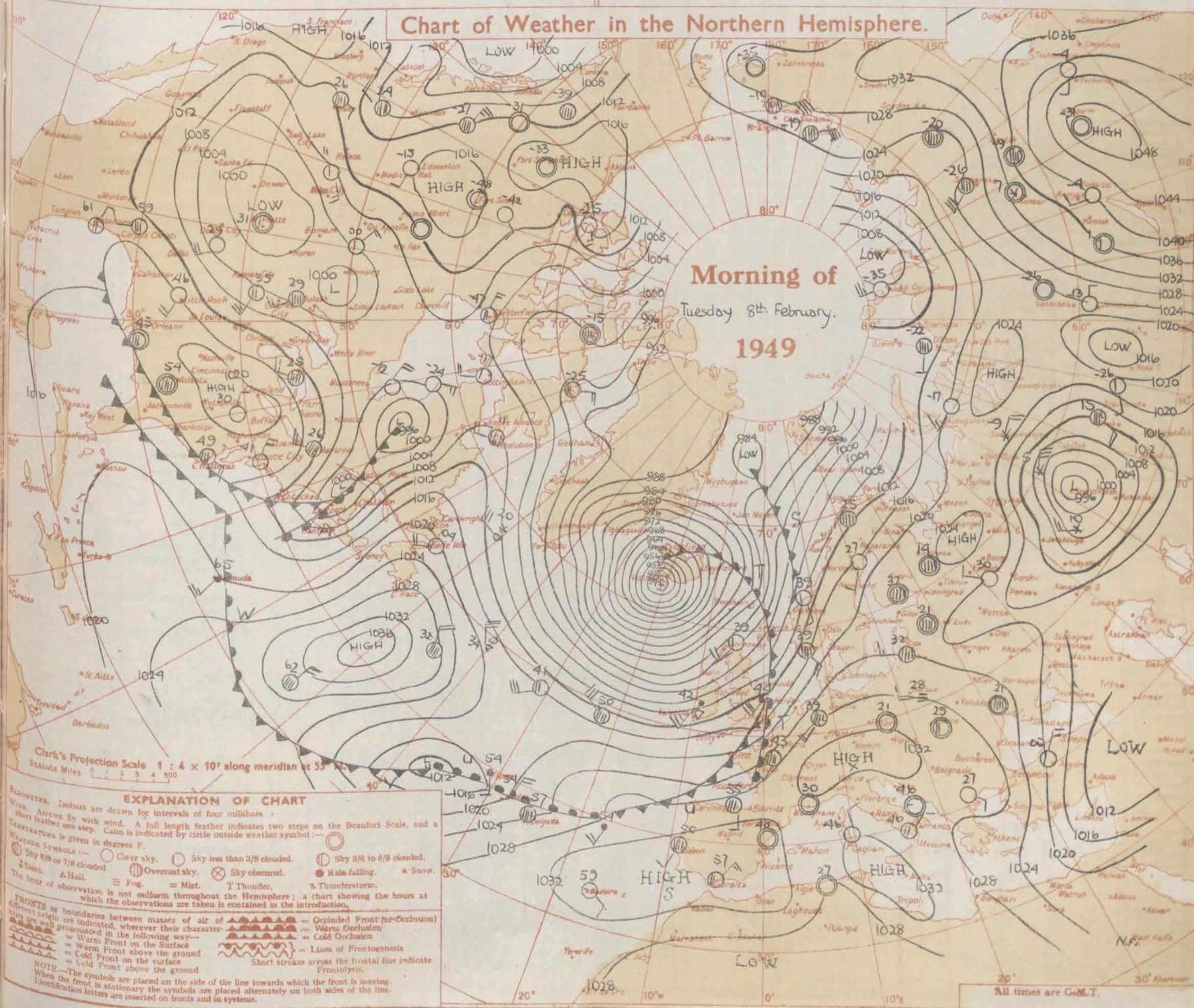
Unsettled. Rain or showers in most areas.

Gale Warning:-

South coasts are flying on the Orkneys and Shetlands and on Scottish coasts from Dornoch Firth to Mallaig.

Chart of Weather in the Northern Hemisphere.

Morning of
Tuesday 8th February.
1949



Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isolines are drawn for intervals of four millibars.
Wind. Arrows by 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. Isogones are drawn for intervals of 1° F. A chart showing the hours at which the observations are taken is contained in the introduction.
WEATHER SYMBOLS. () Clear sky. () Sky less than 3/8 clouded. () Sky 3/8 to 5/8 clouded. () Sky 5/8 or 7/8 clouded. () Overcast sky. () Sky obscured. () Rain falling. () Snow. () Sleet. () Hail. () Fog. () Mist. () Thunder. () Thunderstorm. () The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.
FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way:-
= Warm Front on the surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis
Short strokes across the frontal line indicate Frontolysis.
NOTE:-The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

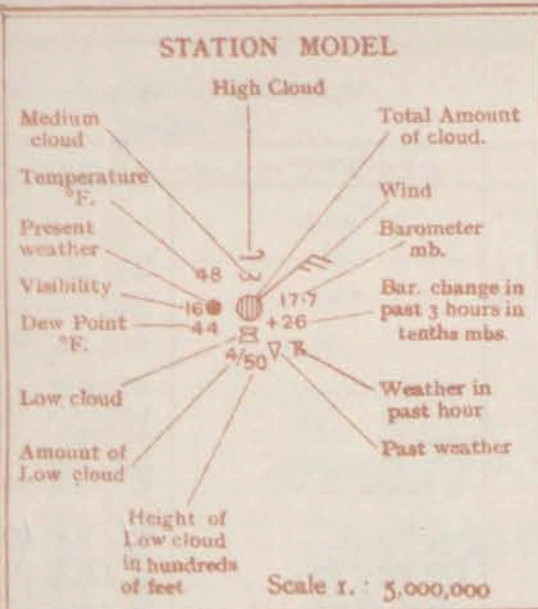
All times are G.M.T.

[illegible]

The DAILY WEATHER REPORT is issued in three Sections:— British, International, Upper Air.

RATES OF SUBSCRIPTION: Single copy one section, 2d or 3d post free. One calendar month, 5s One quarter, 13s. One year, 50s. Any two or all three sections: Single copies, 4d or 5d post free. One calendar month, 9s. One quarter, 25s. One year, 90s For special arrangements for supply to schools and colleges see Form 2452.

* Information not usually received.

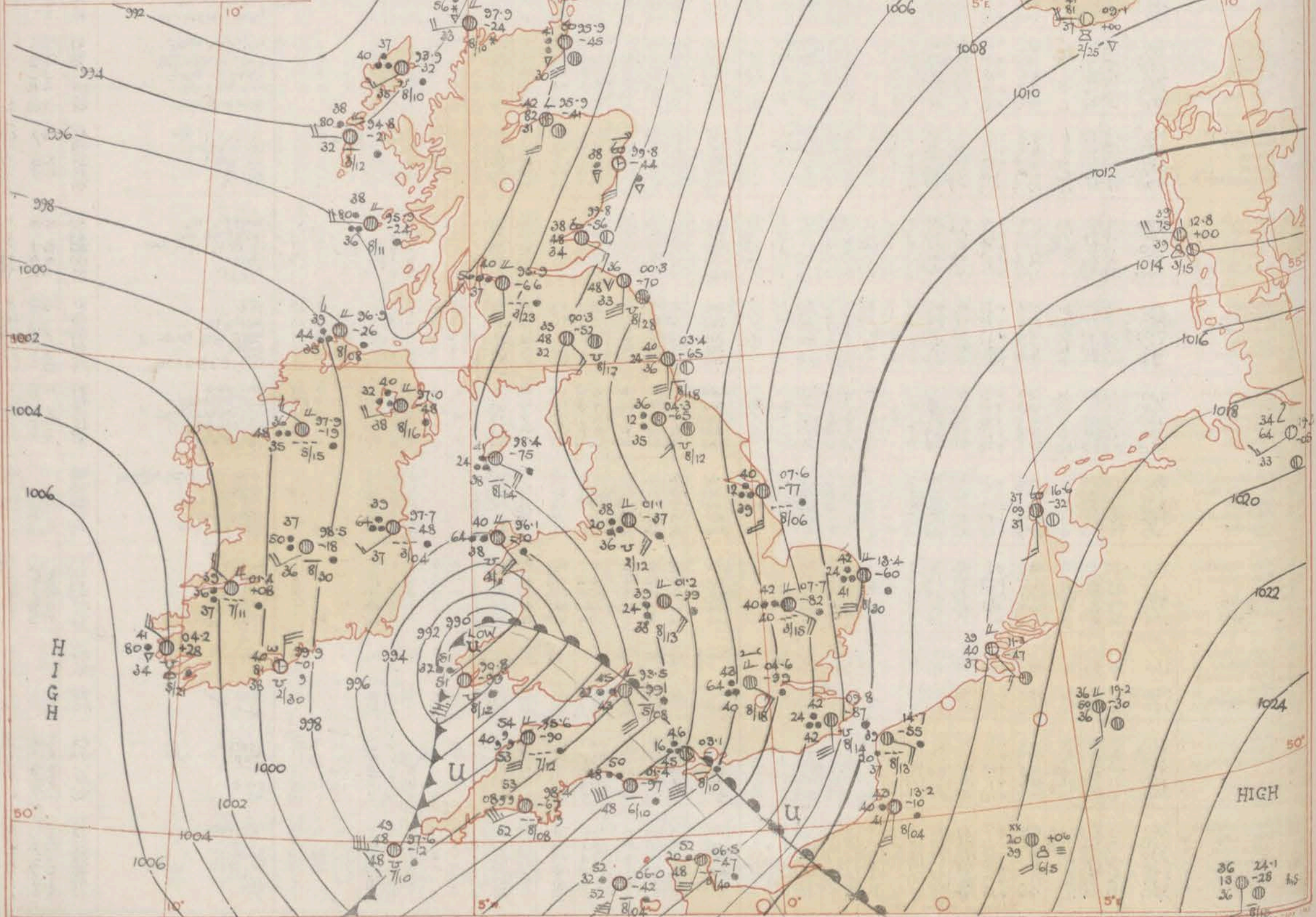


6h Wednesday 9th February, 1949

LONDON OBSERVATIONS for yesterday and this morning
Day 09h-18h Kensington, 09h-18h Regents Park 09h-31h at other stations.
Westminster

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		Yesterday	To-day
Kew	bbcZ, ycmo	cm, w, cr	cm, w, cr	48	40	34	-	7	4.8	65	92
London Airport	cb, cm.	cm, w, cr	cm, w, cr	48	37	32	TR	3	4.2	56	87
Greenwich	bc	bc, w	cr	49	40	33	-	7	4.2	66	93
Westminster	.	.	.	53	43	36	-	6	.	63	93
Regents Park	.	.	.	53	42	36	-	7	.	63	87
Camden Square	bc	c	.	55	42	35	-	7	.	68	95
Kensington	bbc	bc	.	50	42	.	0.2	7	.	68	95
Hampstead	odbc	bc	or	52	40	35	TR	9	.	27	27

Atmospheric Pollution Milligrams of solid impurity per cubic meter.
Kew 24 hours ended 6h. 9th Max. 0.4 Time 21-23. Min. 0.1 Time 2-6h. 9th



A deep quickly eastern soon 9 which be more of hail Scotland Englands

Clark's Statute Mi
BAROMETER. in
Wind. Arrows
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GENERAL INFERENCE

A deep depression centred over the Midlands is moving quickly northeastwards. Rain at first this afternoon in some eastern districts, with a little snow in northeast England will soon give way to showery conditions with bright periods which are already affecting western districts, although the rain may be more prolonged in northeast England today. Showers will be local of hail with some thunder and sleet or snow showers will occur in Scotland and Northern Ireland and on high ground in Wales and Northern England but will die out in eastern districts tonight. It will be

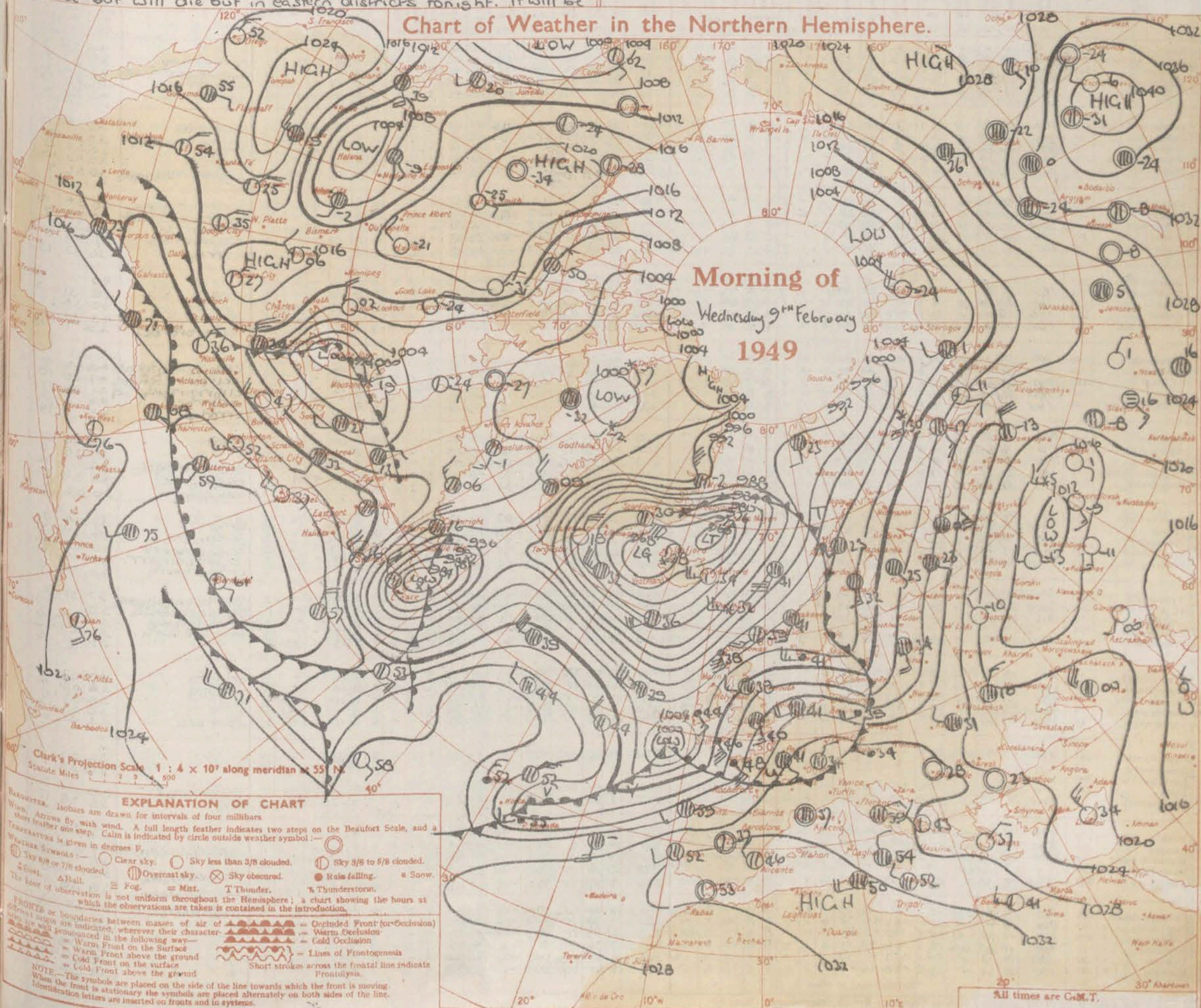
FURTHER OUTLOOK

rather cold with ground frost in some eastern and central districts later tonight. Further Outlook: Showery in the West and North with probably more general rain in many areas later on Thursday. Fair in the Midlands, East and Southeast England.

South Cones are flying on all coast of the British Isles, including Orkneys and Shetlands, excepting between Dornoch Firth and Kinloss.

Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 9th February
1949

Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N
Scale in Miles 0 1 2 3 4 5 6 7 8 9 10

EXPLANATION OF CHART

ISOBARS. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE. Is given in degrees F.

WEATHER SYMBOLS:

☉ Clear sky.	☁ Sky less than 3/8 clouded.	☂ Sky 3/8 to 5/8 clouded.	☃ Sky 5/8 to 7/8 clouded.	☄ Sky obscured.
☁☁☁ Overcast sky.	☂☂☂ Rain falling.	☃☃☃ Snow.	☄☄☄ Thunderstorm.	☄☄☄ Thunderstorm.
☁☁☁ Fog.	☂☂☂ Thunder.	☃☃☃ Thunderstorm.	☄☄☄ Thunderstorm.	☄☄☄ Thunderstorm.

FRONTS. 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.

FRONTAL SYMBOLS:

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

Short strokes across the frontal line indicate Frontolysis.

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

All times are G.M.T.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Wednesday 9th February... 1949

No. 31856.

[illegible]

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* Information not usually received.

High Cloud

Medium cloud

Temperature
°F.

Present weather

Visibility

Dew Point
°F.

Low cloud

Amount of Low cloud

Height of Low cloud
in hundreds of feet

Total Amount of cloud.

Wind

Barometer mb.

Bar. change in past 3 hours in tenths mbs.

Weather in past hour

Past weather

Scale 1 : 5,000,000

Scale 1. : 5,000,000

LOW

6b

Thursday 10th February

1949

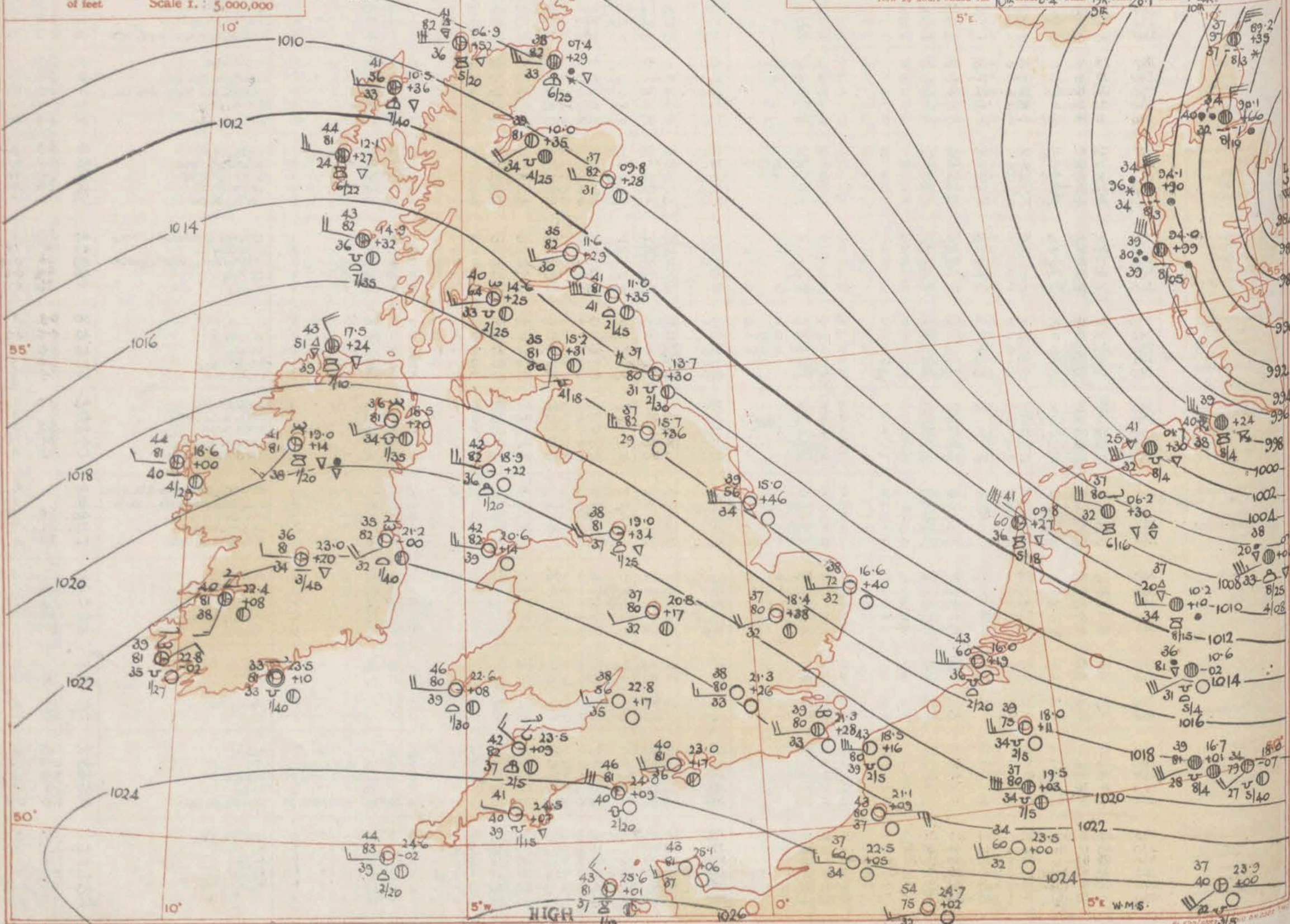
LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-15h Regents Park 09h-11h at other stations.

Stations	Weather			Temperature			Rainfall		Sun- shine to unset	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		rgb %	gh %
				Max.	Min.		mm.	mm.	hrs.		
				* F.	* F.	* F.			Yesterday	To- day	
	Kew				53	37	30	0.3	TR	3.1	
Croydon ...	cir p rob c b z		b z b m	48	36	29	0.5	-	*	55	80
Greenwich ...	or fo r o m o s y p b s b		b b m o	53	37	30	0.3	-	1.8	56	78
Westminster	rc ⊕	rc ⊕ b	b n g	55	36	27	0.5			65	88
Regents Park	*	*	*	54	38	30	TR	-	*	53	77
Camden Square			*	57	38	30	-	-	*		84
Kensington ...	c	b	*	55	37	*	0.9	TR	*	63	83
Hampstead ...	b b c	b c	b	52	35	33	-	-	*	*	97

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.

Now 24 hours ended 6h. Max. 2.4 Time 19l Min. 1. Time 1-4l



NW 33 Acres MO, Deschute

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BAROMETER. 1
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90.1

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99.6

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1004

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GENERAL INFERENCE

A ridge of high pressure is moving eastwards over the British Isles while a rather weak trough of low pressure is approaching from the northwest. It will be fair and mainly bright over England and Wales, but a few showers will occur in northwest districts. Fog patches are likely later in the night in industrial and lowlying areas in the Midlands, east south east and perhaps northeast England clearing tomorrow morning. In Scotland and northern Ireland there will be scattered showers of rain or hail chiefly in the west with snow showers on higher ground, but a narrow belt of more general rain will spread from the northwest during tonight and may reach parts of

FURTHER OUTLOOK

hothern England later tomorrow morning. It will be generally rather cold with slight frost in many central and eastern districts of England later at night.

Further Outlook.

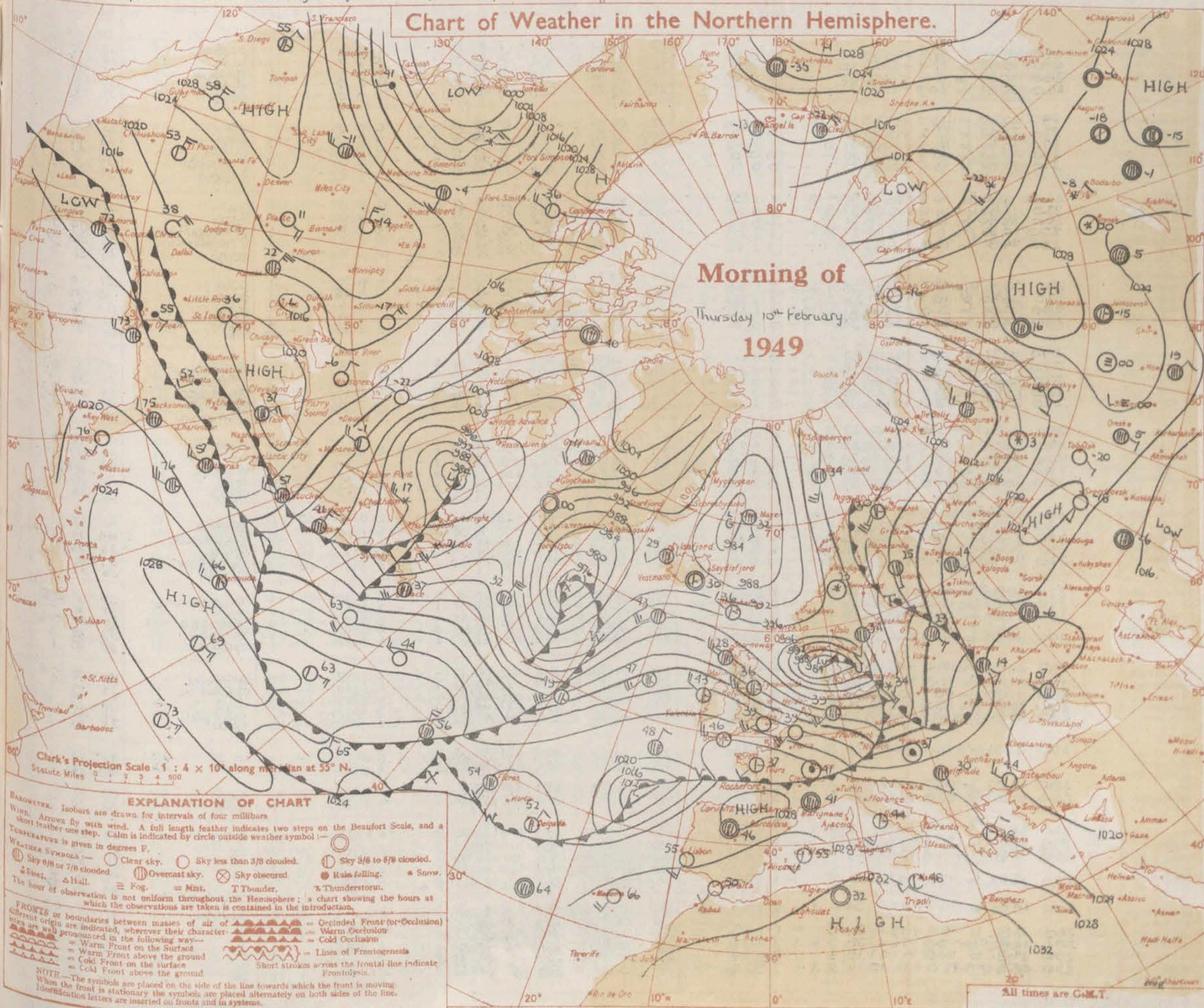
Showery in the north and west. Mainly fair in the Midlands and south east, but some local slight rain at first. Rather cold.

Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 10th February

1949



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Thursday 10th February 1949
No. 31857

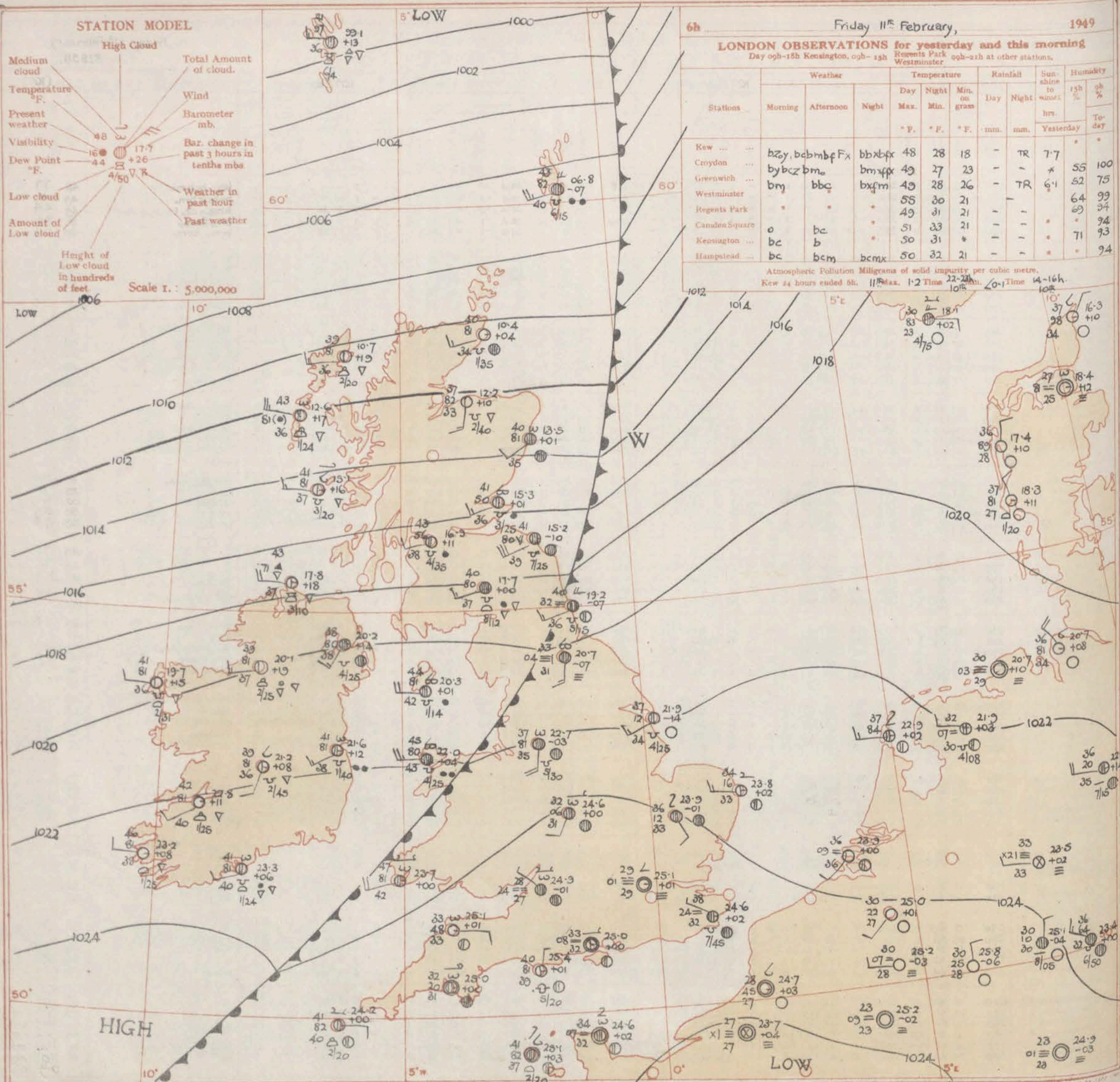
No. 31857

[illegible]

*Rainfall read at 0600

* Information not usually received.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.



A weak depression the Azores mainly large north in north will spr

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GENERAL INFERENCE

A weak trough of low pressure over the Midlands is dying out and a shallow depression in the Bay of Biscay is filling up. A belt of high pressure extends from the Azores to Central Europe. In the Midlands, east and southeast England it will be mainly fair, although light local rain may occur at first. In the north, fog patches near large towns will clear in the early afternoon but local fog is likely tonight. Further north and west it will be mainly fair with bright periods but some showers will occur in northwest districts. A narrow belt of more general rain followed by scattered showers will spread across Scotland and northern Ireland from the northwest at night. It will

FURTHER OUTLOOK

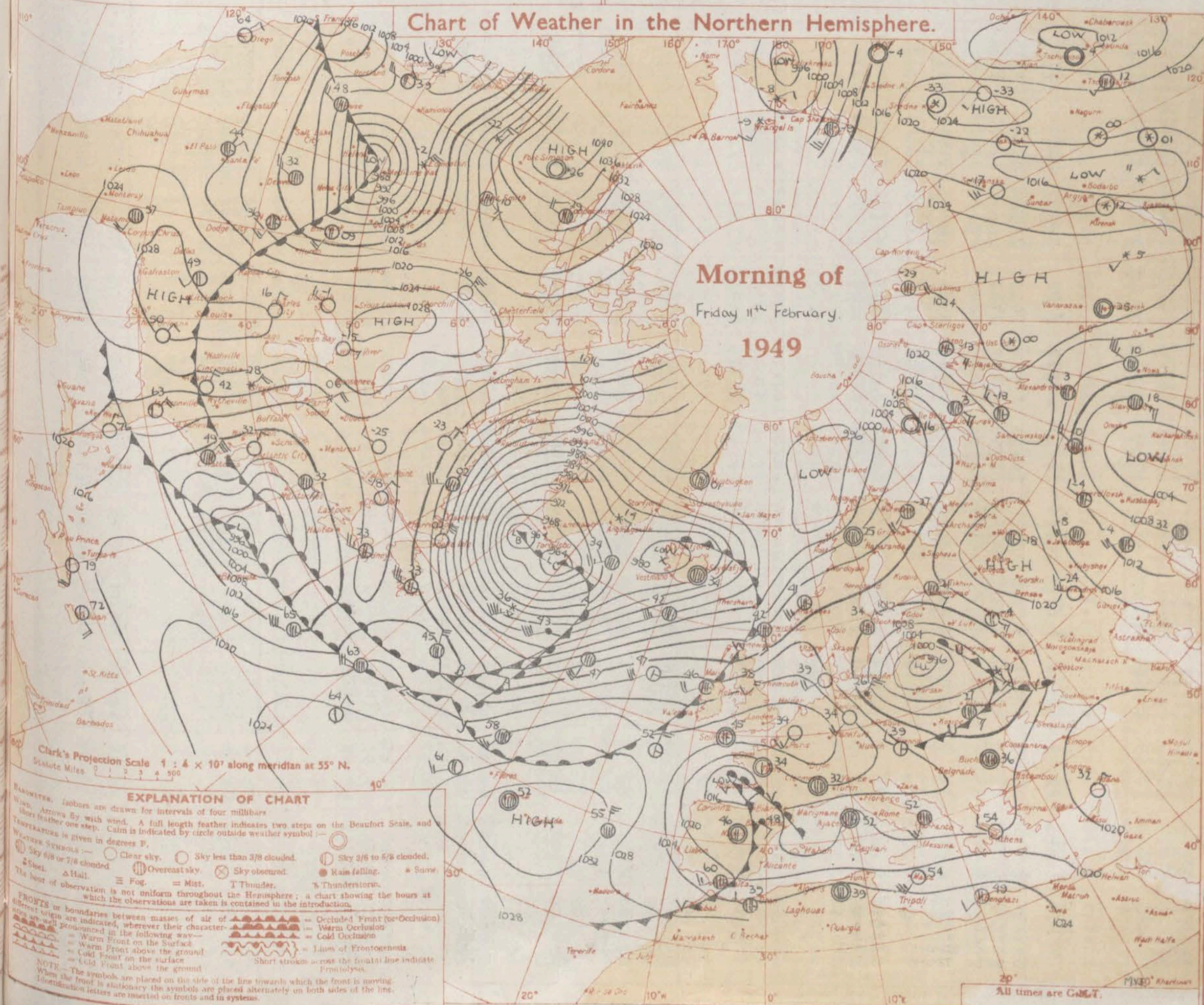
be generally rather mild but will be cold at night in the Midlands east and southeast with some ground frost and perhaps slight air frost.

Further Outlook

Occasional rain or showers in Scotland and northern Ireland, chiefly in the west. Mainly fair over England and Wales with probably local fog and some frost night and morning.

Chart of Weather in the Northern Hemisphere.

Morning of
Friday 11th February.
1949



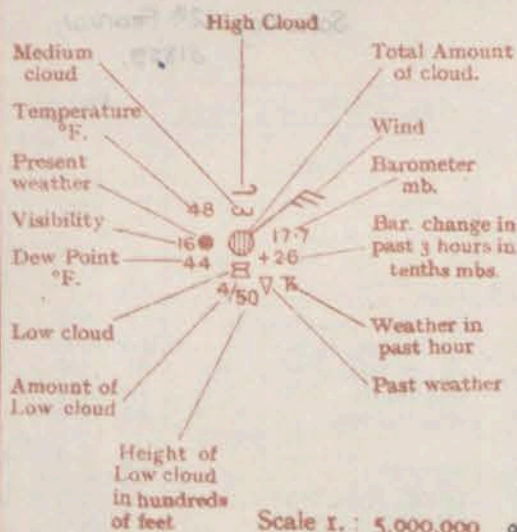
Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.
Scale Miles 0 1 2 3 4 500

EXPLANATION OF CHART

Barometer. Isobars are drawn for intervals of four millibars.
Wind. Arrows by with wind. A full length feather indicates two steps on the Beaufort Scale, and 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 3/8 clouded, Sky 3/8 to 5/8 clouded, Sky 5/8 or 7/8 clouded, Overcast sky, Sky obscured, Rain falling, Snow, Fog, Mist, Thunder, Thunderstorm.
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.
FRONTS or boundaries between masses of air of different origins are indicated, wherever their character is well pronounced in the following way: Warm Front on the surface, Warm Front above the ground, Cold Front on the surface, Cold Front above the ground, Occluded Front (or Occlusion), Warm Occlusion, Cold Occlusion, Lines of Frontogenesis.
Short strokes across the frontal line indicate Frontolysis.
NOTE. The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are GMT.

STATION MODEL



Scale 1: 5,000,000

6h

Saturday 12th February, 1949

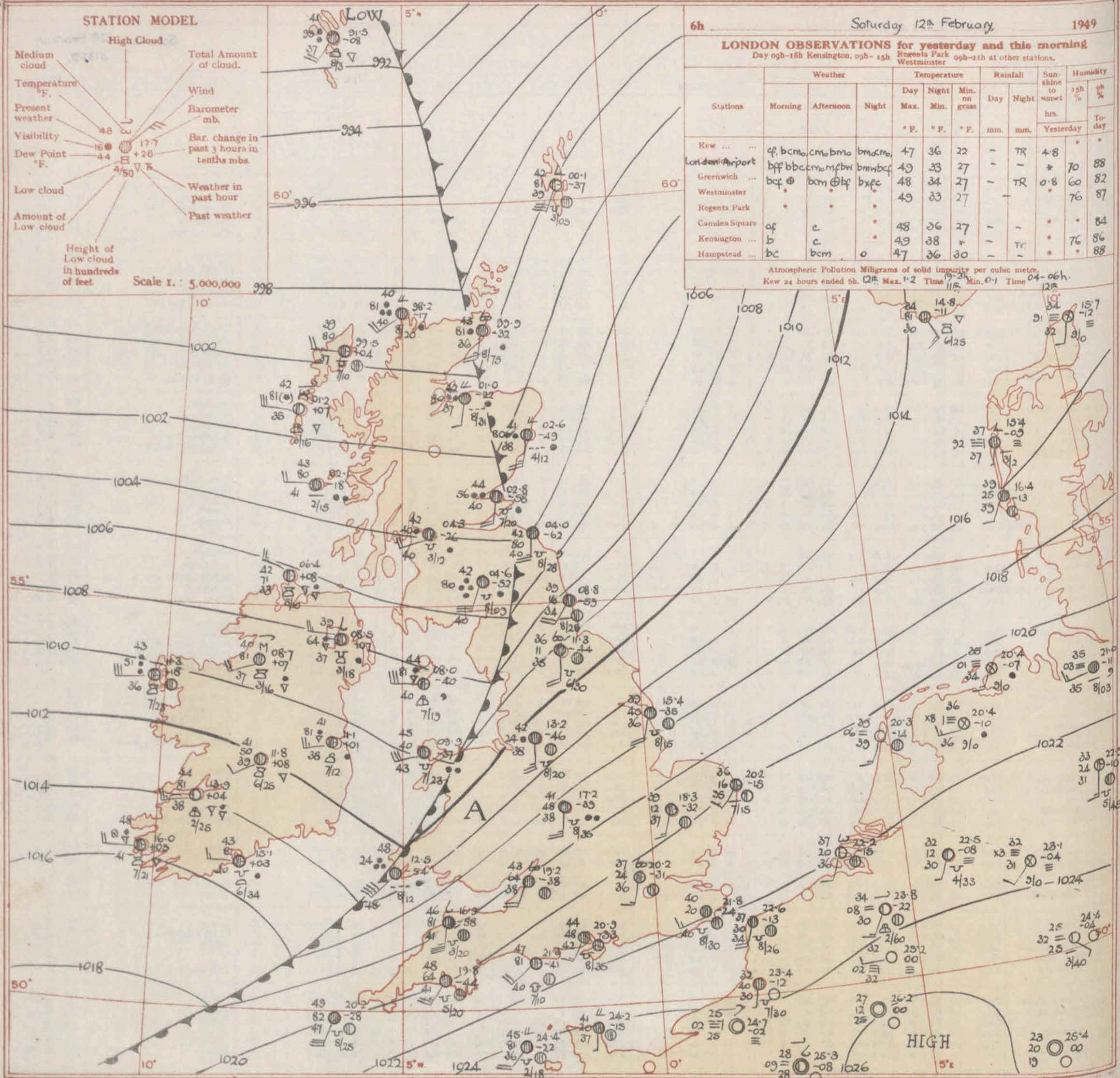
1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-15h Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
Kew ...	cf, bcm, cm, bmo	bmo, bmo	bmo, bmo	47	36	22	-	TR	4.8	70	88
London Airport	bff, bmo, cm, bmo, bmo	bmo, bmo	bmo, bmo	49	33	27	-	-	*	70	88
Greenwich ...	bff, bmo	bmo, bmo	bmo, bmo	48	34	27	-	TR	0.8	60	82
Westminster	bff, bmo	bmo, bmo	bmo, bmo	49	33	27	-	-	-	76	87
Regents Park	.	.	.	48	36	27	-	-	.	.	84
Camden Square	cf	c	.	48	36	27	-	-	.	.	84
Kensington ...	b	c	.	49	38	.	-	TR	.	76	86
Hampstead ...	bc	bcm	o	47	36	30	-	-	.	.	88

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 12th. Max. 1.2 Time 11.5 Min. 0.1 Time 04-06h.



GENERAL INFERENCE

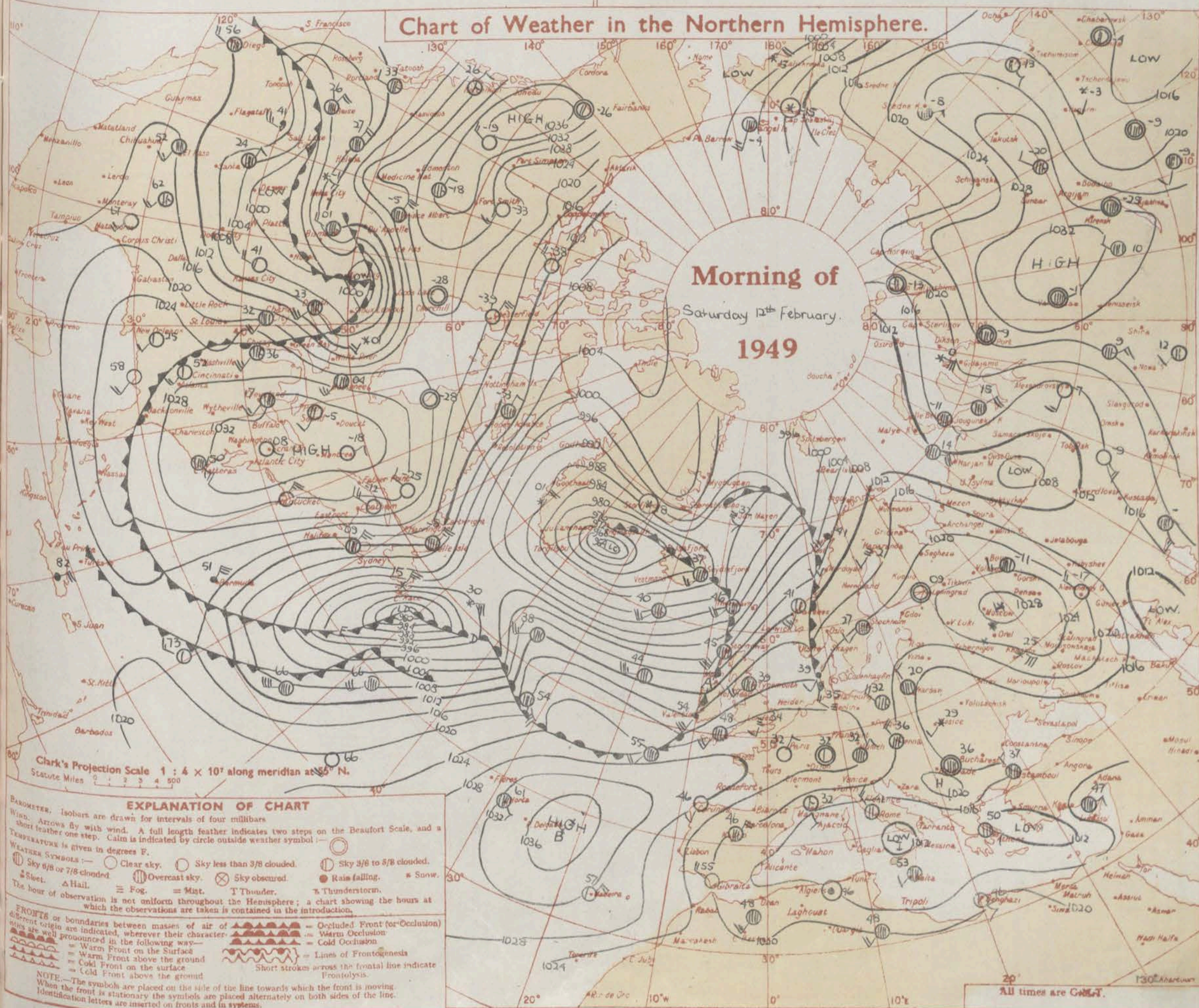
Pressure is low to the northwest of the British Isles, and a belt of high pressure extends from the Azores to East Germany. A trough of low pressure crossing the southeast of England this afternoon will give a belt of rain, mainly light. Behind the trough weather is mainly cloudy and showery, with some fair periods in eastern districts. Showers will be frequent and intense for a time in Scotland, with local hail and thunder, but will die out later. Rain is expected to begin to spread back to western districts by noon tomorrow.

FURTHER OUTLOOK

Rain spreading to most districts followed by cloudy rather milder weather for a time, with local rain or drizzle in western coastal districts, and some fair periods in the southeast.

Chart of Weather in the Northern Hemisphere.

Morning of
Saturday 12th February.
1949



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 12th February... 1949

No 31859,.....

[illegible]

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* Information not usually received.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Sunday 13th February 1949

No. 31860

OBSERVATIONS at 12h. G.M.T. 12th February																	OBSERVATIONS at 18h. G.M.T. 12th February																	OBSERVATIONS during DAY (12h)					
District	STATIONS. (For heights see p. 4)	Wind.		Visiblty (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						Wind.		Visiblty (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						21 h State of ground	Weather. 09 to 21 h.	Max Temp 09h. 21h. °F (35)	Sun- shine (36)	Rain (09h. 21h. mm. (37)					
		Direction (degrees)	Speed (kts.)			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb	Dew point	Form.	Main layer.	Lowest layer.	Direction (degrees)	Speed (kts.)	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb			Dew point	Form.	Main layer.	Lowest layer.																
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)					(30)	(31)	(32)	(33)	
0	Kew ...	230	08	09	cl	13.8	-29	43	40	5	2	-	-	8	4	35	-	-	310	11	16	b/pr	16.6	+31	42	33	8	-	-	2	2	25	-	-	1	Cmo r b c z o c q p r b z o	47	2.8	4
1	London Airport ...	230	10	48	rr	14.4	-30	43	41	-	7	-	-	8	8	70	-	-	330	06	80	b	16.5	+29	41	35	4	-	-	1	10	20	-	-	1	O r o r m o b c p r b	48	*	5
	Lymington ...	230	26	24	rr	16.4	-37	42	38	5	2	-	-	8	8	12	-	-	310	10	24	b	15.2	+18	37	36	-	-	0	0	0	-	-	1	C m o r r p r b m o x	45	0.4	5	
	Tangmere ...	280	09	30	rr	15.6	-38	44	43	5	2	-	-	8	8	20	3	10	310	08	64	b c	16.8	+14	42	33	4	4	-	3	1	25	-	-	1	C c r o r m o c b	49	2.1	3
	Calshot ...	250	13	64	cl	16.1	-24	43	41	5	7	-	-	7	5	20	1	10	310	10	80	c	17.9	+24	43	34	1	3	6	7	3	80	1	15	1	C c r r b c c	47	2.1	5
2	Boscombe Down ...	260	13	56	cl	16.2	-11	44	42	8	-	-	-	6	6	35	2	10	290	13	80	b c	18.6	+25	40	32	-	-	4	4	4	-	-	1	C i r o r a r b c b	47	3.2	4	
	Felixstowe ...	220	21	11	rr	14.6	-35	42	41	7	2	-	-	8	8	18	-	08	320	18	48	z	13.4	+18	42	34	3	-	-	1	1	25	-	-	1	C m o r r m o u p r m o b z o	44	0.4	5
	Gorleston ...	230	19	24	rr	14.1	-3.4	41	38	-	2	-	-	8	8	30	-	-	310	06	32	rr	12.7	+13	40	37	3	4	-	2	1	80	-	-	1	C m o r o r a b c m o c	43	0.1	8
	West Raynham ...	210	25	16	rr	12.5	-29	40	39	5	2	-	-	8	8	20	6	06	300	14	40	b	13.1	-17	39	32	5	-	-	1	1	30	-	-	1	C m o r o r a p r a b m o	43	1.5	6
	Mildenhall ...	200	19	24	rr	12.1	-35	43	40	6	-	-	-	8	8	40	6	15	270	10	80	b	14.6	+28	39	34	-	4	-	1	1	-	-	1	C m o r r m o r a r m o c b b m o	46	1.1	6	
3	Cranfield ...	260	12	48	b cl	12.7	-16	43	40	6	-</																												

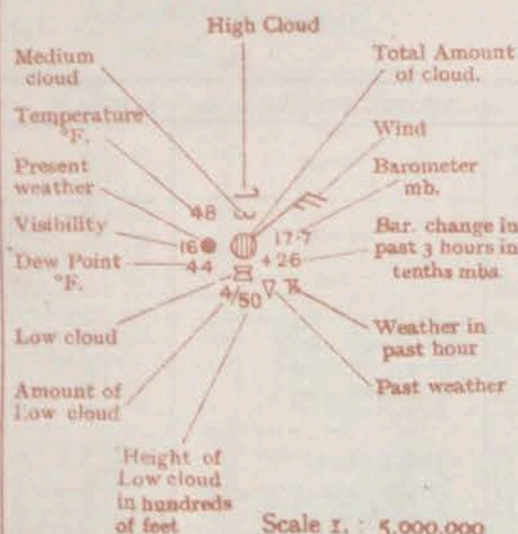
Amount is expressed in eighths of the sky covered ("Oktas"). "Tracc" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

++ Cloud heights are in hundreds of feet.

* Information not usually received.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

STATION MODEL



6h Sunday 13th February.

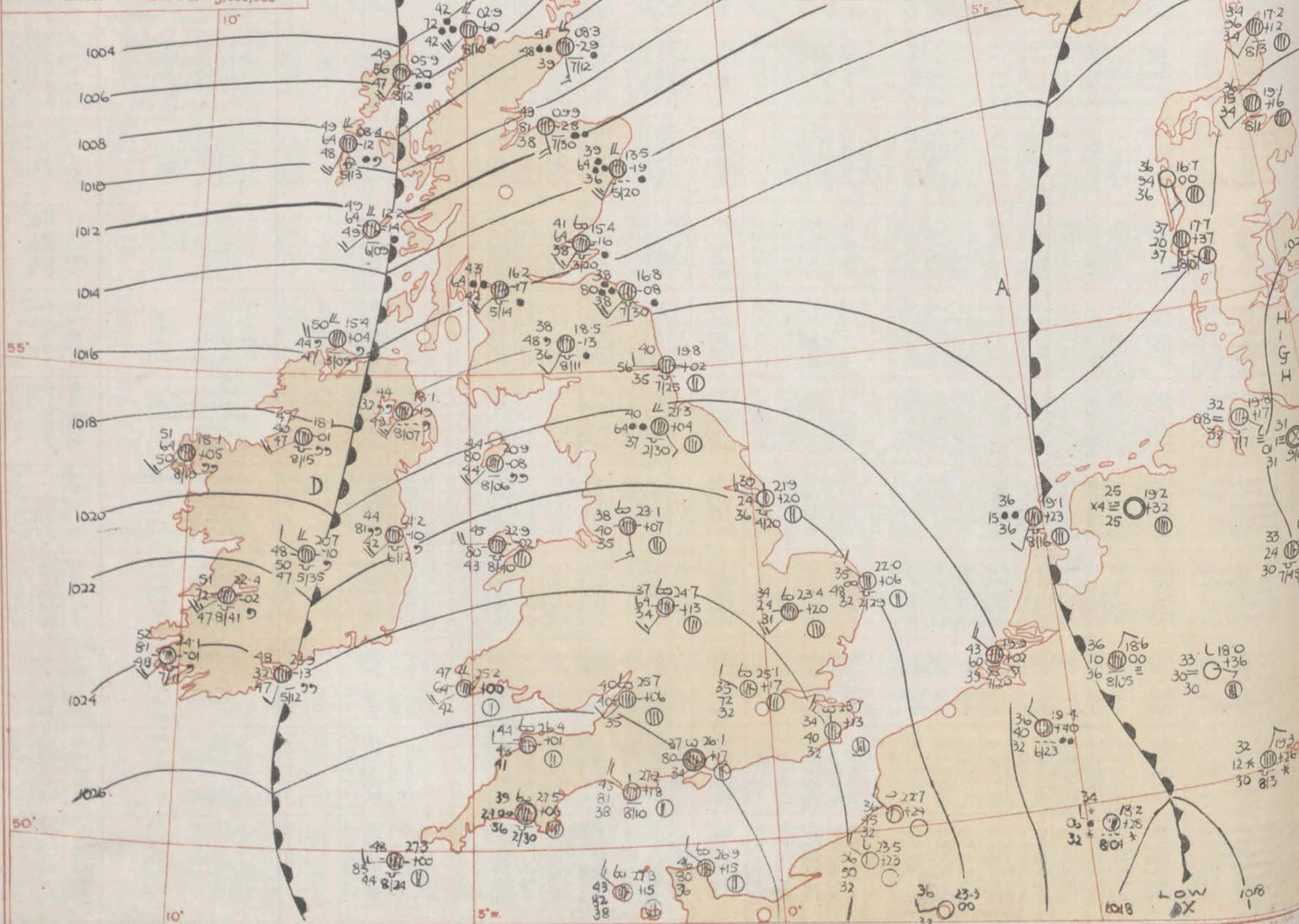
1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-15h Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine		Humidity	
	Morning	Afternoon	Night	Max.	Min.	on grass	Day	Night	hrs.	to sunset	Yesterday	To-day
Kew ...												
London Airport												
Greenwich ...												
Westminster												
Regents Park												
Canaden Square												
Kensington ...												
Hampstead ...												

Atmospheric Pollution Milligrams of solid impurity per cubic meter.
Kew 24 hours ended 6h. 13th Max. 0.2 Time 12.1 Min. 0.1 Time 13.1



GENERAL INFERENCE

A warm front at 0600z from Northeast Scotland to Southwest England is moving east. A ridge of high pressure is extending northeastwards from the high near the Azores. Weather will be generally cloudy over the British Isles for the next twenty-four hours, with a little light rain in places near the warm front. Cloud will be very low at times in western coastal districts in the warm air, with local rain or drizzle. There will probably be some good breaks with cloud tomorrow in East and South England. A cold front will probably move Southeast across Scotland tomorrow.

FURTHER OUTLOOK

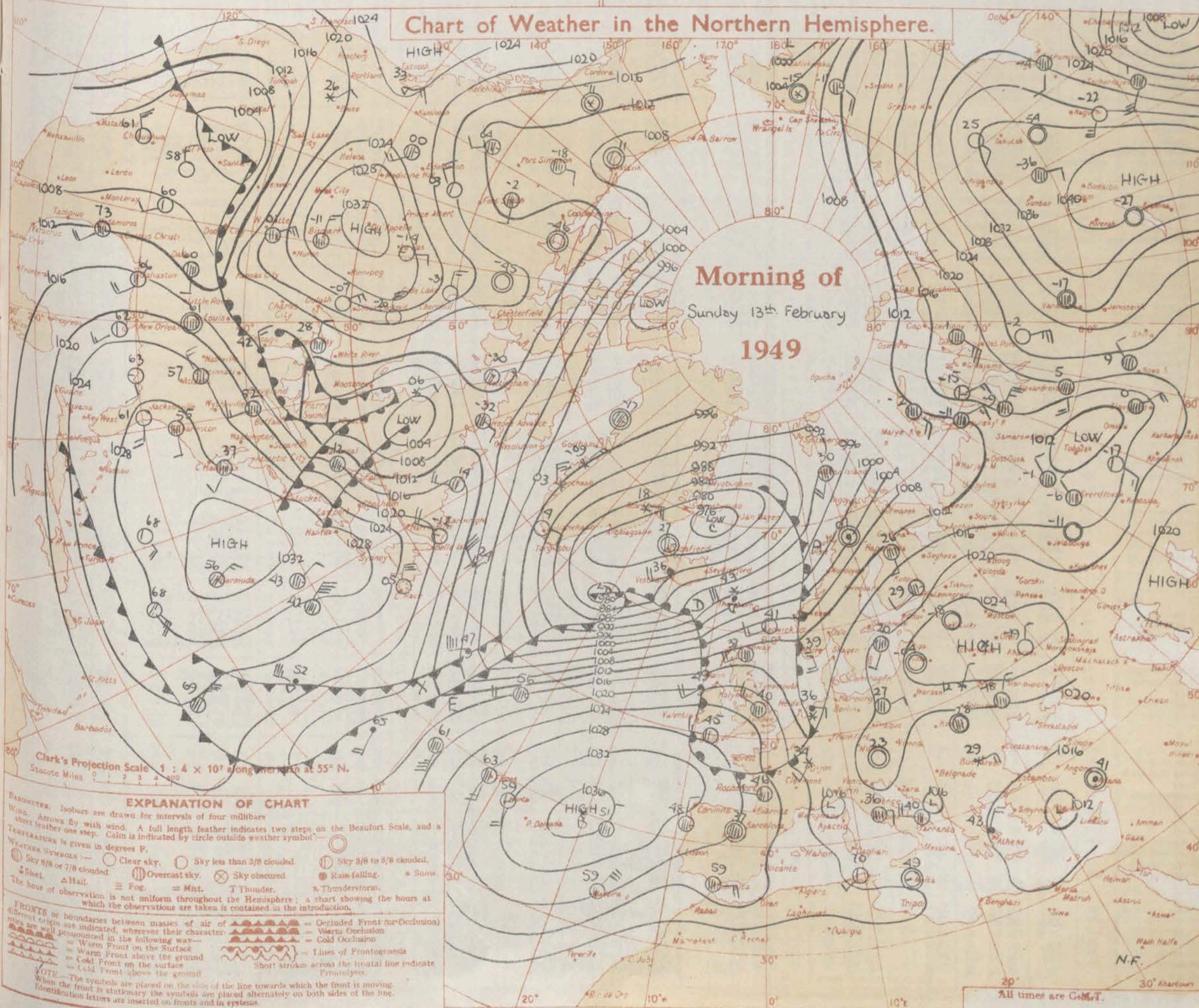
Probably remaining fair in the South. Cloudy with occasional rain or showers in Northern districts.

Gale Warning:-

South Coes are flying on coasts of Great Britain north and west of a line Stonehaven - Solway Firth, including the Orkneys and Shetlands.

Chart of Weather in the Northern Hemisphere.

Morning of
Sunday 13th February
1949



Clark'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 by 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:
☉ Sky 8/8 or 7/8 clouded. ☁ Clear sky. ☁ Sky less than 3/8 clouded. ☁ Sky 3/8 to 5/8 clouded. ☁ Sky 5/8 to 7/8 clouded. ☁ Overcast sky. ☁ Sky obscured. ☁ Rain falling. ☁ Snow.
☁ Fog. ☁ Mist. ☁ Thunderstorm. ☁ Thunder.
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way—
☁ Warm Front on the surface
☁ Warm Front above the ground
☁ Cold Front on the surface
☁ Cold Front above the ground
☁ Occluded Front (or Occlusion)
☁ Vortex Occlusion
☁ Cold Occlusion
☁ Lines of Frontogenesis
☁ Short strokes across the frontal line indicate Frontolysis.

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

All times are GMT.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Sunday 13th February

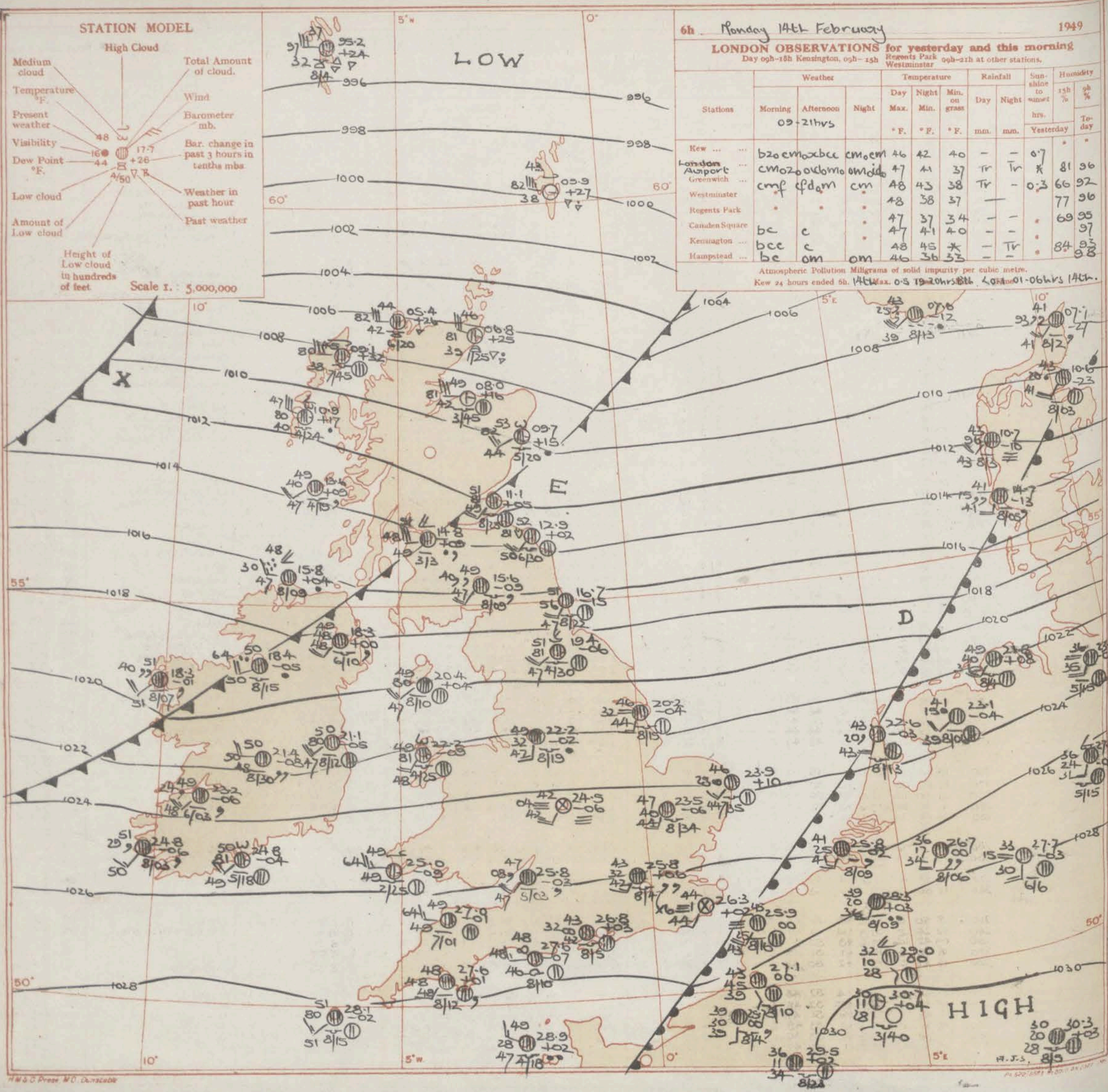
No. 3186C

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* Information not usually received.



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GENERAL INFERENCE

At 0600 a diffuse cold front from central Scotland to North Ireland is moving slowly South. Weather will be mainly fair in Scotland, with some showers in the west, and fair conditions will spread later today into North Ireland and North England. Much low cloud will occur near the front with periods of rain or drizzle. Further south some breaks in the cloud are expected today in East and Southeast England, but it will become generally cloudy there tonight as the front approaches.

FURTHER OUTLOOK

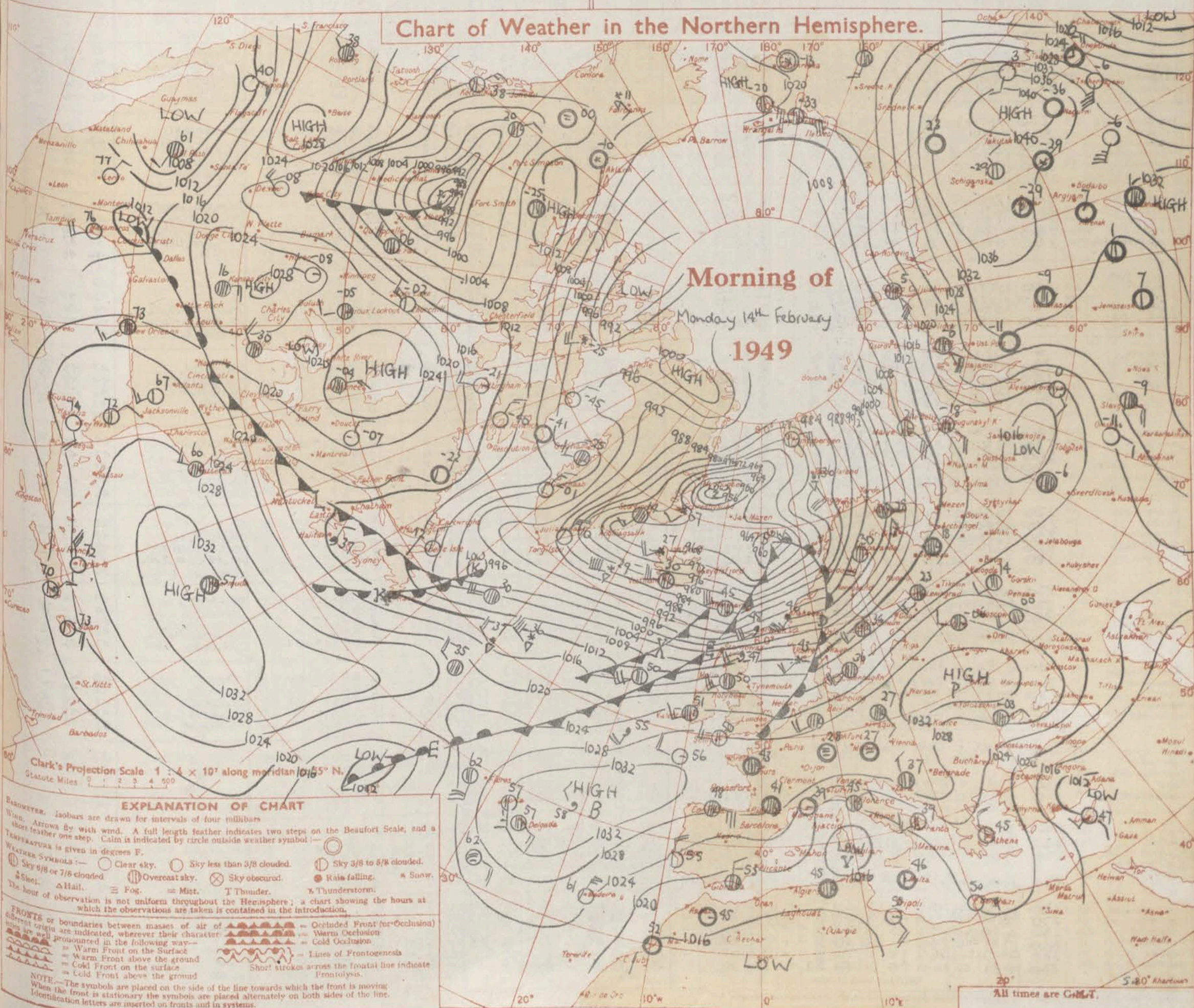
Cloudy conditions returning to all districts with periods of rain or drizzle especially in the west and north.

Gale Warning.

South cones are flying on coasts of Great Britain north and west of a line Port Patrick - Stonehaven, including the Orkneys and Shetlands.

Chart of Weather in the Northern Hemisphere.

Morning of
Monday 14th February
1949



All times are GMT.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Monday 14th February 1949
No. 31861

No. 3186

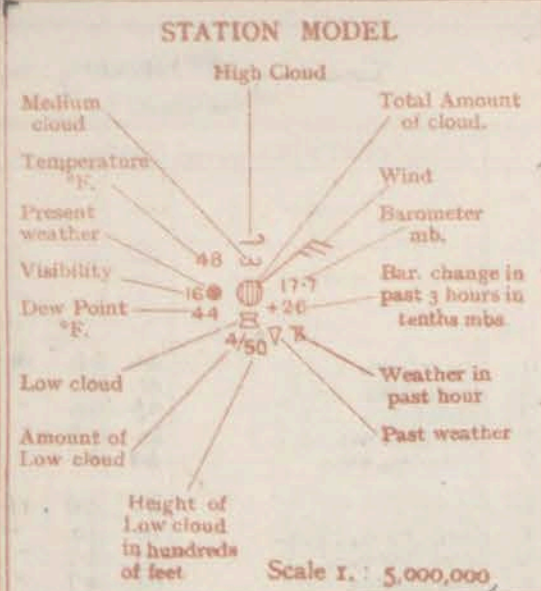
[illegible]

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* Information not usually received.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.e.

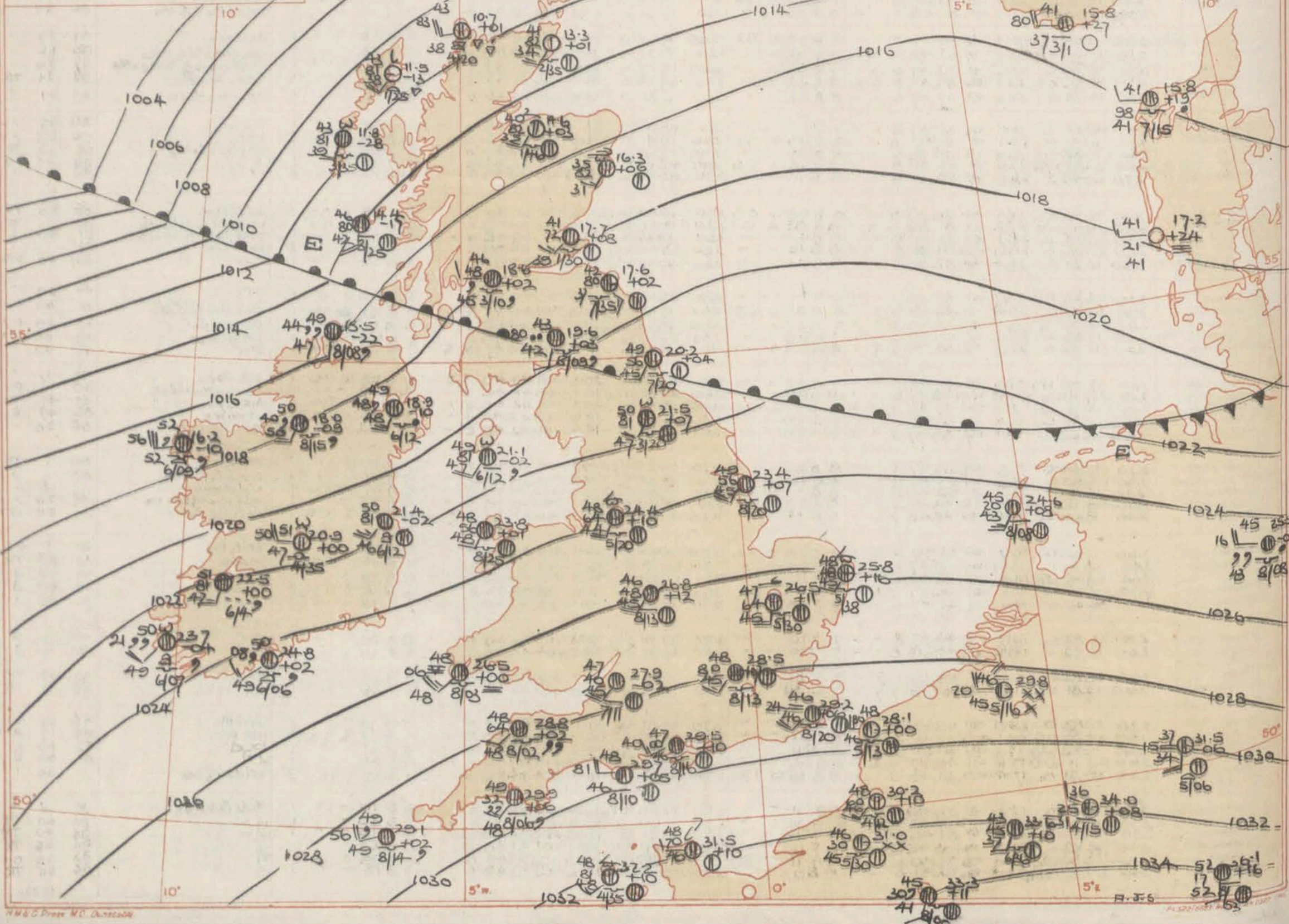


6h Tuesday 15th February 1949

LONDON OBSERVATIONS for yesterday and this morning
Day 09h-18h Kensington, 09h-18h Regents Park 09h-21h at other stations.
Westminster

Stations	Weather			Temperature			Rainfall		Sun- shine to set hrs.	Humidity	
	Morning 09-21hrs	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		Yester- day	To- day
Kew ...	cm0	Mo	cm0	51	47	47	Tr	-	0.0		
Croydon ...	cm0	Mo	cm0	51	47	46	-	-		85	85
Greenwich ...	cm0	Mo	cm0	51	47	46	-	-	0.0	83	84
Westminster	cm0	cm0	cm0	51	46	44	-	-		89	91
Regents Park	.	.	.	51	46	45	-	-		92	85
Camden Square	o	o	.	52	42	37	-	-			88
Kensington ...	c	c	.	52	48		-	-		85	86
Hampstead ...	o	o	o	50	45	44	-	-			92

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 15th Feb 0.19/10hrs 44h. 1.0/4hrs 15th



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GENERAL INFERENCE

Pressure is high over Southern Europe and low near Iceland. A secondary depression off northwest Scotland is moving northeast and deepening. In England, Wales, South Scotland and northern Ireland, it will be mild and mainly cloudy and there will be local drizzle and fog in western areas, more especially over high ground. There may be a period of more general rain in Southern Scotland tomorrow morning. North Scotland will have rain at first and somewhat colder and brighter weather later, and there will be strong winds or gales in many places.

FURTHER OUTLOOK

Similar in England at first, but somewhat colder and brighter weather may spread steadily south eastwards during the period. Colder in Scotland with some showers in the West and north.

Gale Warning

South cones are flying in the Orkneys and Shetlands and on coasts from Whiter Head to Berwick, from Whiter Head to Port Patrick and from Foyle to Belfast.

Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 15th February.

1949

Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500

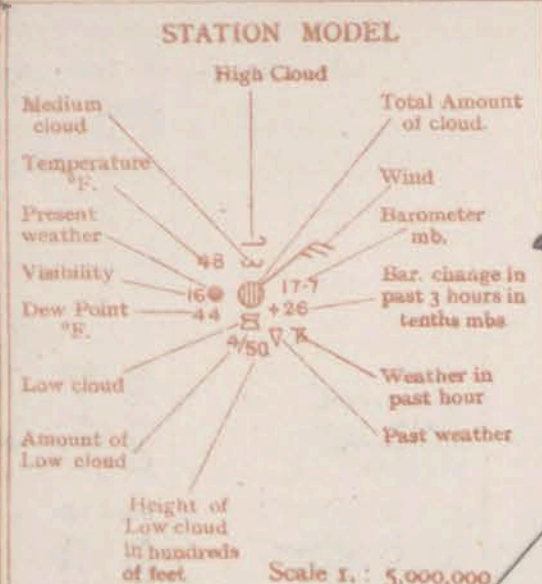
EXPLANATION OF CHART

BAROMETER. isobars are drawn for intervals of four millibars.
WIND. Arrows by which 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 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Fog. — Mist. — Thunder. — Thunderstorm. — Decoded Front (or Occlusion). — Warm Occlusion. — Cold Occlusion. — Lines of Frontogenesis. — Short strokes across the frontal line indicate Frontolysis.

FRONTS. or boundaries between masses of air of different origins are indicated, wherever their character is well pronounced in the following way —
— Warm Front on the surface
— Warm Front above the ground
— Cold Front on the surface
— Cold Front above the ground

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

All times are GMT.



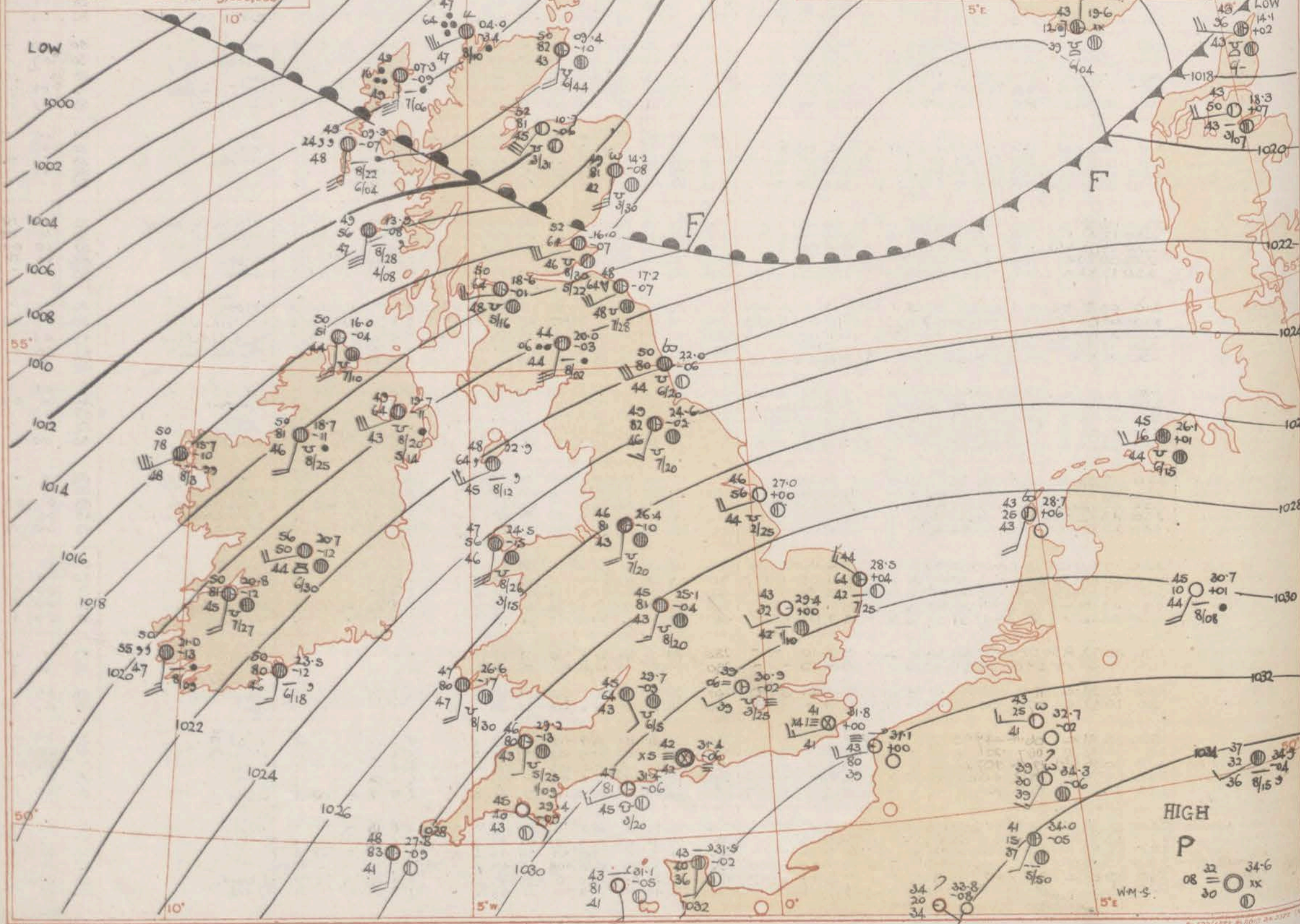
6h Wednesday 16th February, 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-18h
Regents Park 09h-21h at other stations.
Westminster

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		Yesterday	To-day
Kew ...	cmo w		cmo w	53	37	26	-	TR	0.0		
London Airport	obce, mo	bc mo	mo bc of	53	36	31	-	-	*	85	75
Greenwich ...	cmo	cmo	bc w b m	52	40	31	0.0	TR	0.0	74	85
Westminster				52	41	31	-	-		78	84
Regents Park				53	42	36	-	-		75	84
Camden Square	c	c		53	43	34	-	-			87
Kensington ...	c	bc		54	41	*	-	-		63	88
Hampstead ...	o	bc	bc	51	41	37	-	-			90

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 16th Max 0.2 Time 18.22 Min 0.1 Time 0.3h. 16th



GENERAL INFERENCE

An anticyclone is centred over Southern Europe and pressure is low near Iceland. A small secondary depression to the west of Scotland is moving northeast. Backing winds have resulted in a clearance of the cloud in much of the Midlands, East and Southern England and some bright periods are also likely in parts of North England. Fog will form during tonight in some parts of the Midlands, East and Southeast England, but should clear again during tomorrow morning. In Scotland and Ireland it will be mainly cloudy with local drizzle on western coasts and in the hills. It will be mild in all areas.

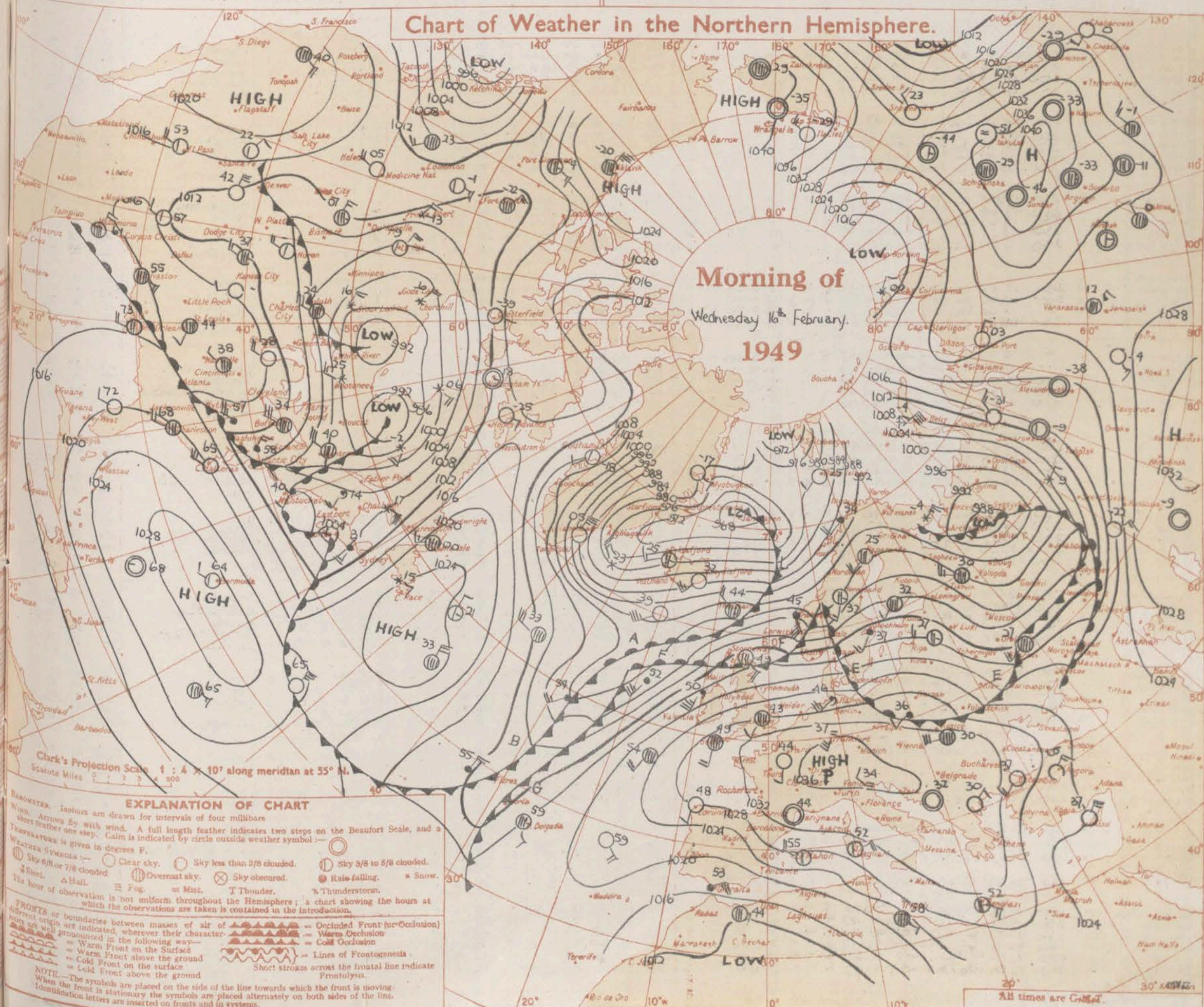
FURTHER OUTLOOK

Little change.

Gale Warning
South coasts are flying in the Orkneys and Shetlands and on coasts from Whiten Head to Aberystwyth, from Whiten Head to Spurn Head, from Foyle to Howth, and on coasts of Isle of Man.

Chart of Weather in the Northern Hemisphere.

Morning of
Wednesday 16th February.
1949



EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows by which 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 3/8 cloudy. — Sky 3/8 to 5/8 cloudy. — Sky 5/8 to 7/8 cloudy. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Fog. — Mist. — Thunder. — Thunderstorm. — Occluded Front (or Occlusion). — Warm Occlusion. — Cold Occlusion. — Lines of Frontogenesis. — Short strokes across the frontal line indicate Frontolysis.
FRONTS. of boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way—
— Warm Front on the surface
— Warm Front above the ground
— Cold Front on the surface
— Cold Front above the ground
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are GMT.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2

The diagram illustrates a synoptic chart with various weather data points and their corresponding symbols. The data points are arranged around a central point, with lines connecting them to their respective labels. The labels include:

- High Cloud
- Total Amount of cloud.
- Wind
- Barometer mb.
- Bar. change in past 3 hours in tenths mbs.
- Weather in past hour
- Past weather
- Height of Low cloud in hundreds of feet
- Amount of Low cloud
- Low cloud
- Dew Point °F.
- Visibility
- Present weather
- Temperature °F.
- Medium cloud

The central point contains the following data:

- 48 (Temperature °F.)
- 16 (Dew Point °F.)
- 44 (Visibility)
- 4/50 (Amount of Low cloud / Height of Low cloud in hundreds of feet)
- 17.7 (Barometer mb.)
- +26 (Bar. change in past 3 hours in tenths mbs.)
- Σ (Weather in past hour)
- Σ (Past weather)

Scale 1 : 5,000,000

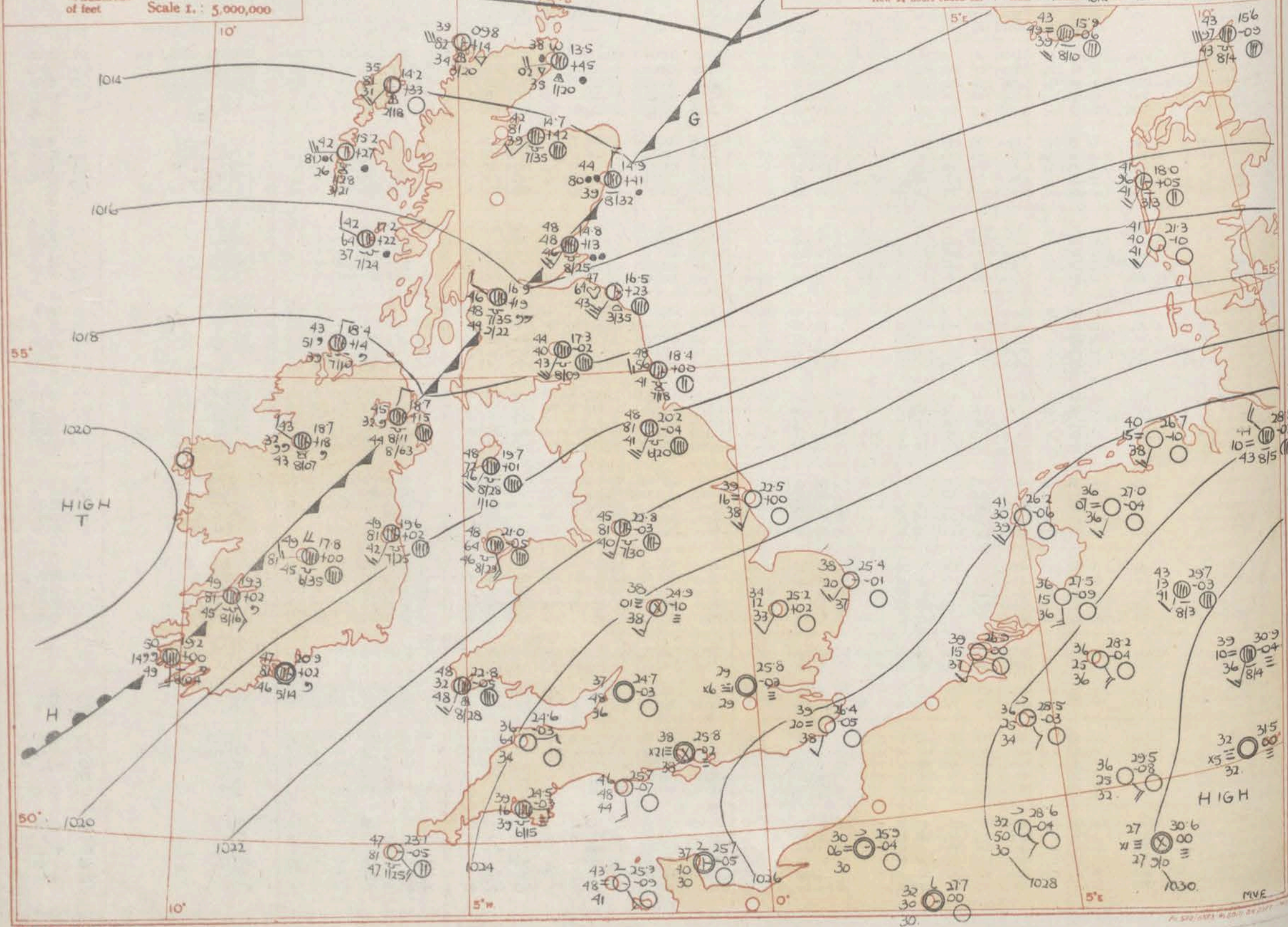
Scale 1. : 5,000,000

1949

Day 09h-18h Kensington, 09h-15h Regents Park 09h-21h at other stations.

Westminster											
Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	9h %
				Max.	Min.						
				" F.	" F.	" F.			mm.	mm.	Yesterday
Kew ...	bcbzw	w	ofx	51	29	21	-	TR	8.7	*	*
Croydon	of bcbm	bybme	bmbwfx	55	28	19	-	-	*	56	100
London Airport	b	b	bxbmf	56	32	27	-	TR	8.2	56	93
Greenwich	b	b		56	33	24	-		*	55	94
Westminster	*	*	*	56	35	23	-	-	*	56	97
Rogents Park	b	b	*	57	35	30	-	-	*	*	96
Camden Square	b	b	*	57	34	-	-	-	*	65	95
Kensington ...	b	b	b	54	38	27	-	-	*	*	8
Hampstead ...	b	b	b								

Atmospheric Pollution Milligrams of solid impurity per cubic meter
Kew 24 hours ended 5b. 17th Max. 0.4 Time 16th Min. <0.1 Time 17th 17th 16th



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NOTE
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GENERAL INFERENCE

An anticyclone is centred over Southern Europe. A rather weak trough of low pressure is almost stationary in the Border area, and a deep depression on the Western Atlantic is moving North-East. In the Midlands East and Southern England there will be fog and frost in some places later in the night and for a time tomorrow morning but otherwise it will be bright and mild. It will be cloudy in Northern England and Southern Scotland and there will be local drizzle in the latter area. It will be mainly fair and bright in North Scotland today. Winds will back and freshen in Scotland and rain will spread Eastwards tomorrow.

FURTHER OUTLOOK

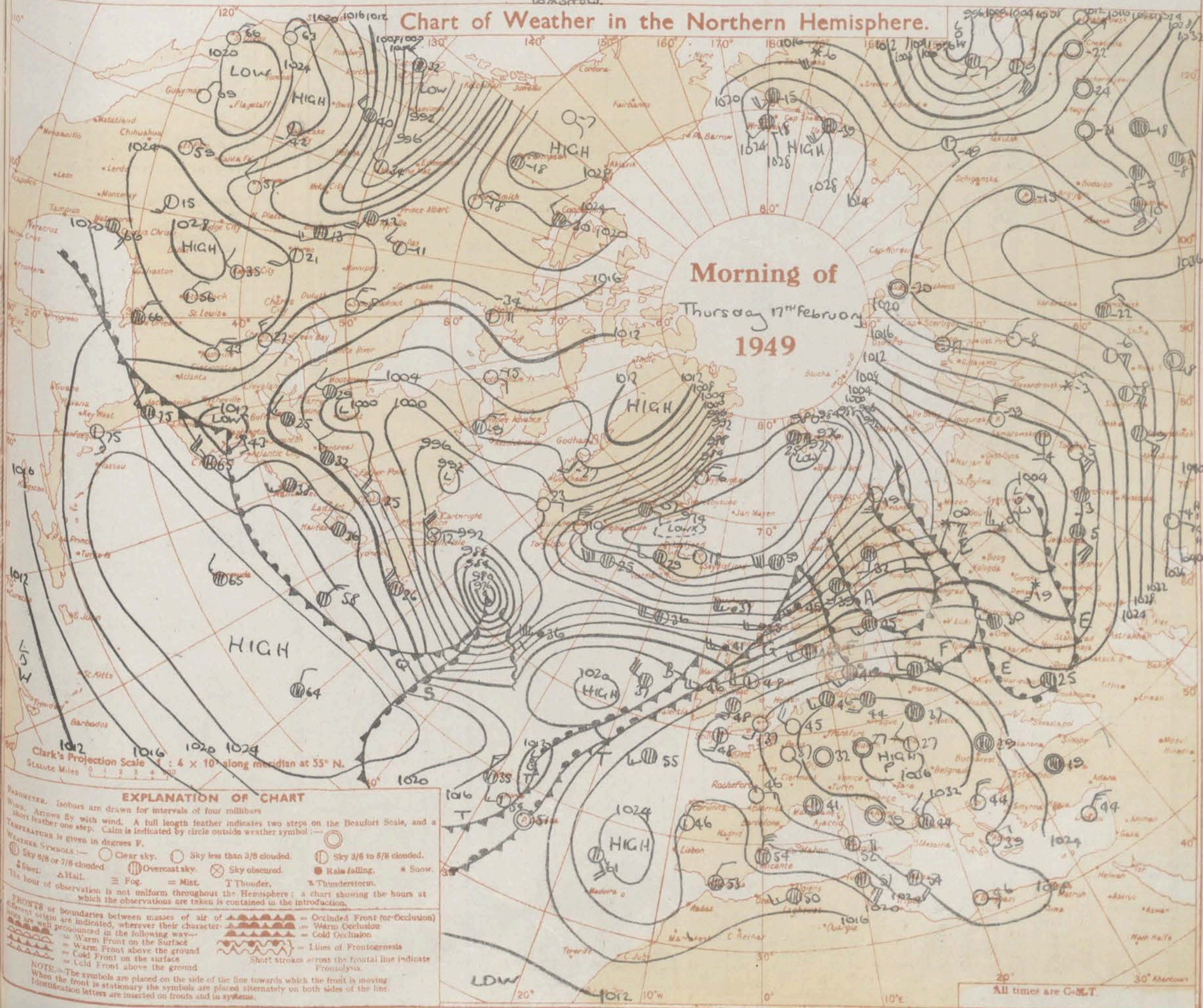
Little change in the Midlands and South: Cloudy in North England: Fair periods and showers in Scotland after rain at first.

South cones hoisted on North Scottish coasts from Whiten Head to Rudh Ke.

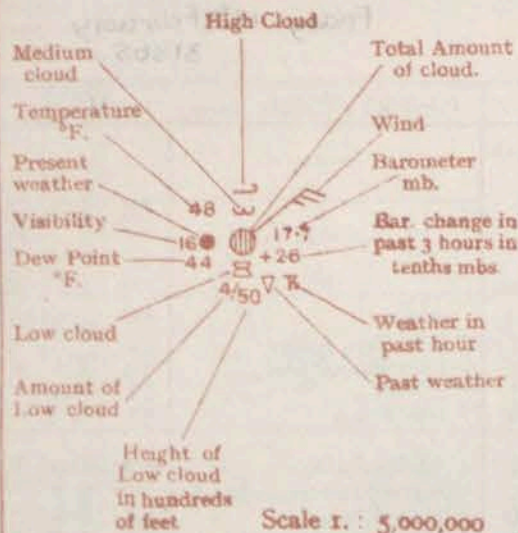
Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 17th February
1949



STATION MODEL



6h Friday 18th February.

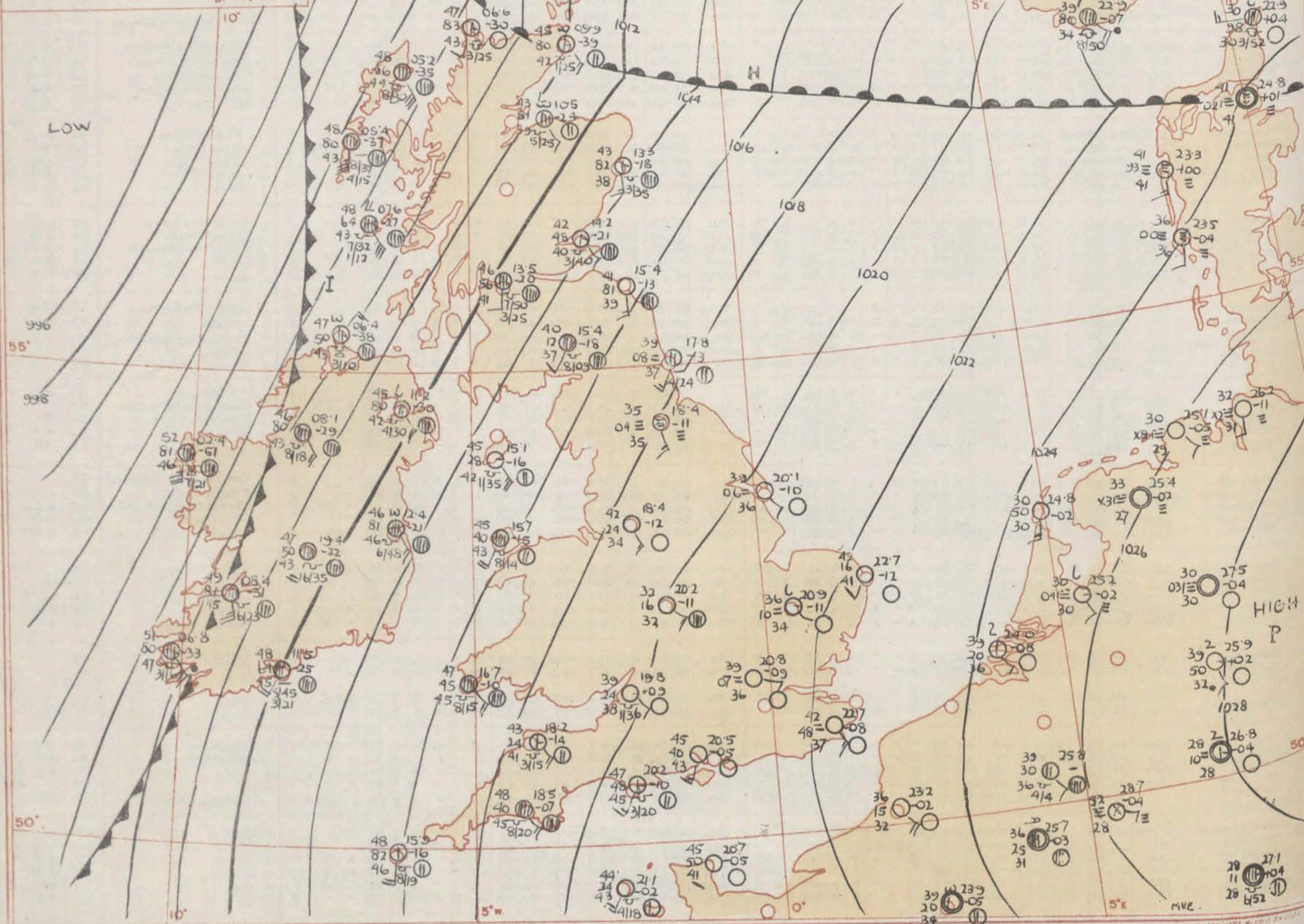
1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-15h Regents Park 09h-27h at other stations, Westminster

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
Kew ...	zbafx	bfbmax	bfbmax	54	33	23	TR	TR	6.2	65	85
London Airport	bfbzaybmaw	bzwwf	bzwwf	56	36	29	-	-	4	65	85
Greenwich ...	bfbzaybmaw	bzwwf	bzwwf	59	37	27	-	TR	7.8	51	83
Westminster	...	...	...	57	36	29	-	-	...	49	77
Regents Park	...	...	...	57	35	25	-	-	...	55	78
Camden Square	of	b	...	57	35	-	-	-	...	...	84
Kensington ...	bc	b	...	58	37	-	-	-	...	70	83
Hampstead ...	bc	bc	bc	57	38	30	-	-	...	...	85

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 5h. 18th Max. 1.2 Time 18.4 Min. 0.1 Time 17.4



Notes and additional information on the right margin, including a small map of the British Isles and a legend for weather symbols.

GENERAL INFERENCE

A developing depression to the Northwest of Ireland is expected to move east-northeast to northeast. An associated trough of low pressure is now giving cloudy weather with rain over much of Ireland and these conditions will spread eastwards to all areas during today and tonight. Somewhat colder weather with bright periods and some showers will follow the rain and will have reached all districts by tomorrow morning.

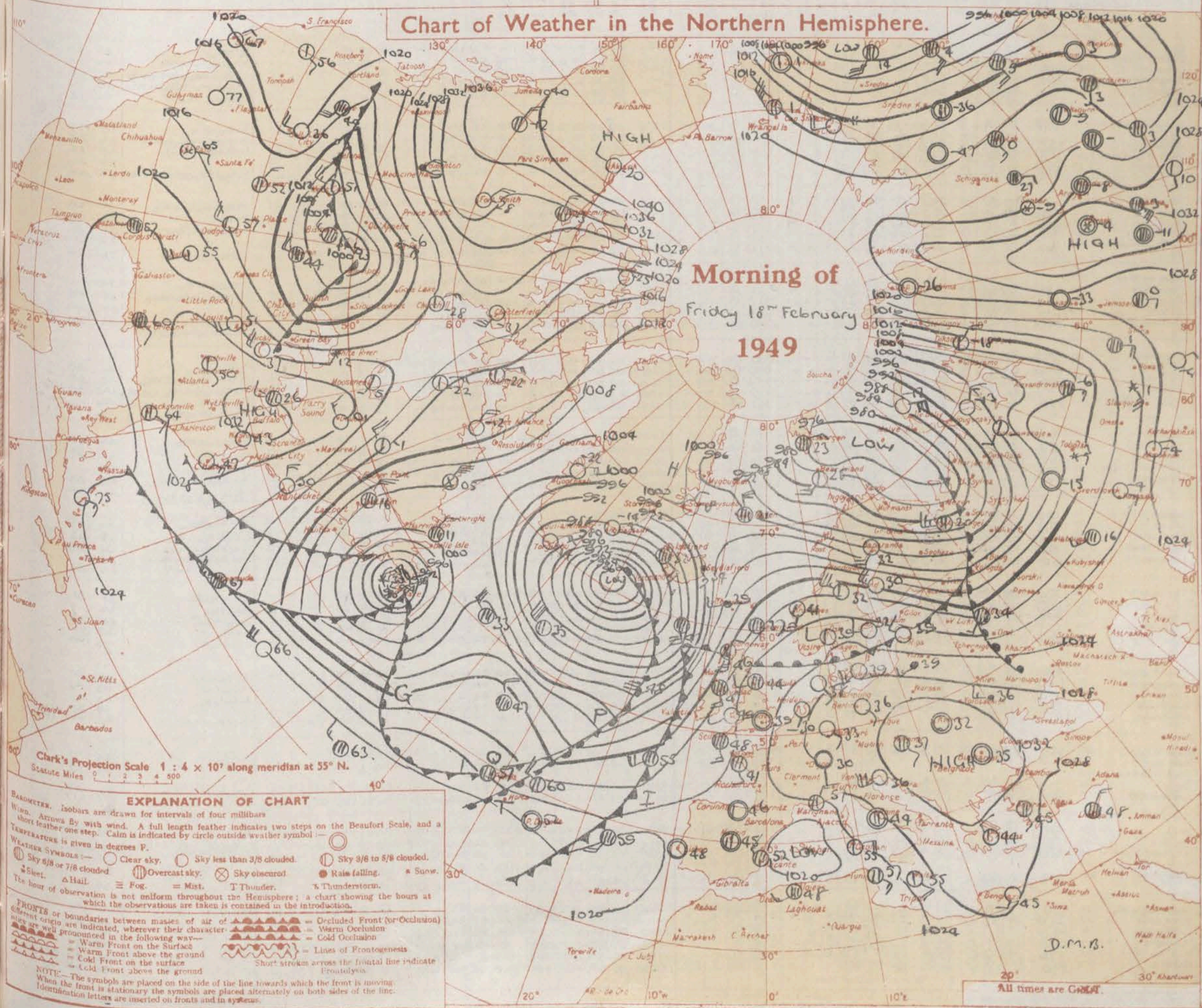
FURTHER OUTLOOK

Fair at first in many places but rain probably reaching some North-western districts from the Atlantic late on Saturday and subsequently spreading east.

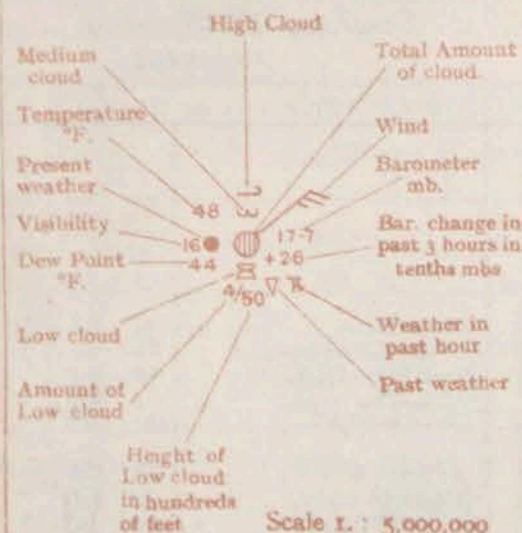
South coasts are flying on coasts of the British Isles west of a line Portsmouth to Berwick, in Orkneys, Shetlands and Channel Isles and on coasts of North Ireland.

Chart of Weather in the Northern Hemisphere.

Morning of
Friday 18th February
1949



STATION MODEL



6h Saturday 19th February

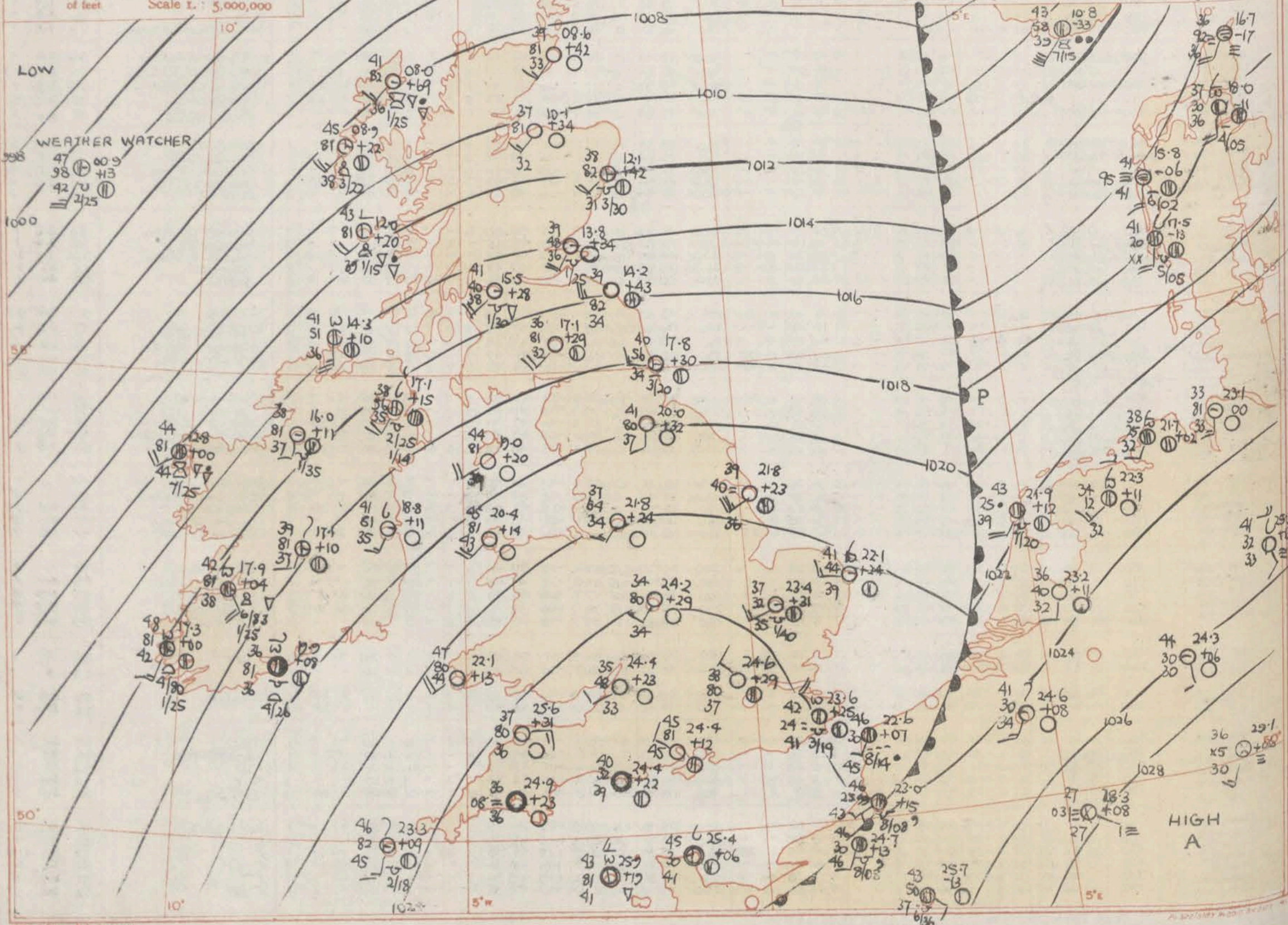
1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-15h Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sun-shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	0h %
Kew ...	bcmocmc	crbcmo		54	38	23	-	0.4	7.9		
Croydon ...	bmbczobcmoc	crbcmo		56	35	29	-	0.4		65	57
Greenwich ...	b	bc	cirbcm	59	36	27	-	0.5	6.4	62	81
Westminster				58	37	30	1.5			69	89
Regents Park				57	36	28	-	0.5		73	87
Canalen Square	c	b		57	38	28	-	0.2			88
Kensington ...	bc	bc		58	38	-	-	0.5			92
Hampstead ...	bc	bc	o/rbc	56	36	28	-	0.7			92

Atmospheric Pollution Milligrams of solid impurity per cubic metre
 Kew 24 hours ended 6h. 19h Max. 0.4 Time 13h Min. 0.1 Time 18h.



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BAROMETER. In
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 9/8, 10/8, 11/8, 12/8
 13/8, 14/8, 15/8, 16/8
 17/8, 18/8, 19/8, 20/8
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 25/8, 26/8, 27/8, 28/8
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 85/8, 86/8, 87/8, 88/8
 89/8, 90/8, 91/8, 92/8
 93/8, 94/8, 95/8, 96/8
 97/8, 98/8, 99/8, 100/8

NOTE.
 When the
 weather is
 clear, the
 sun is
 visible
 for the
 whole
 of the
 day.

GENERAL INFERENCE

Pressure is high on the continent whilst a deepening depression in Mid-Atlantic is moving Northeast. The weather will be fair or fine over much of England today, but cloud and rain will reach Northern Ireland and Western Scotland from the Atlantic this afternoon, subsequently spreading east to all areas this evening and tonight. In many southern districts however, rainfall will be slight. The rain will be followed in the West and North by bright periods and showers. It will be rather mild generally today but will become somewhat colder in the North and West after the rain.

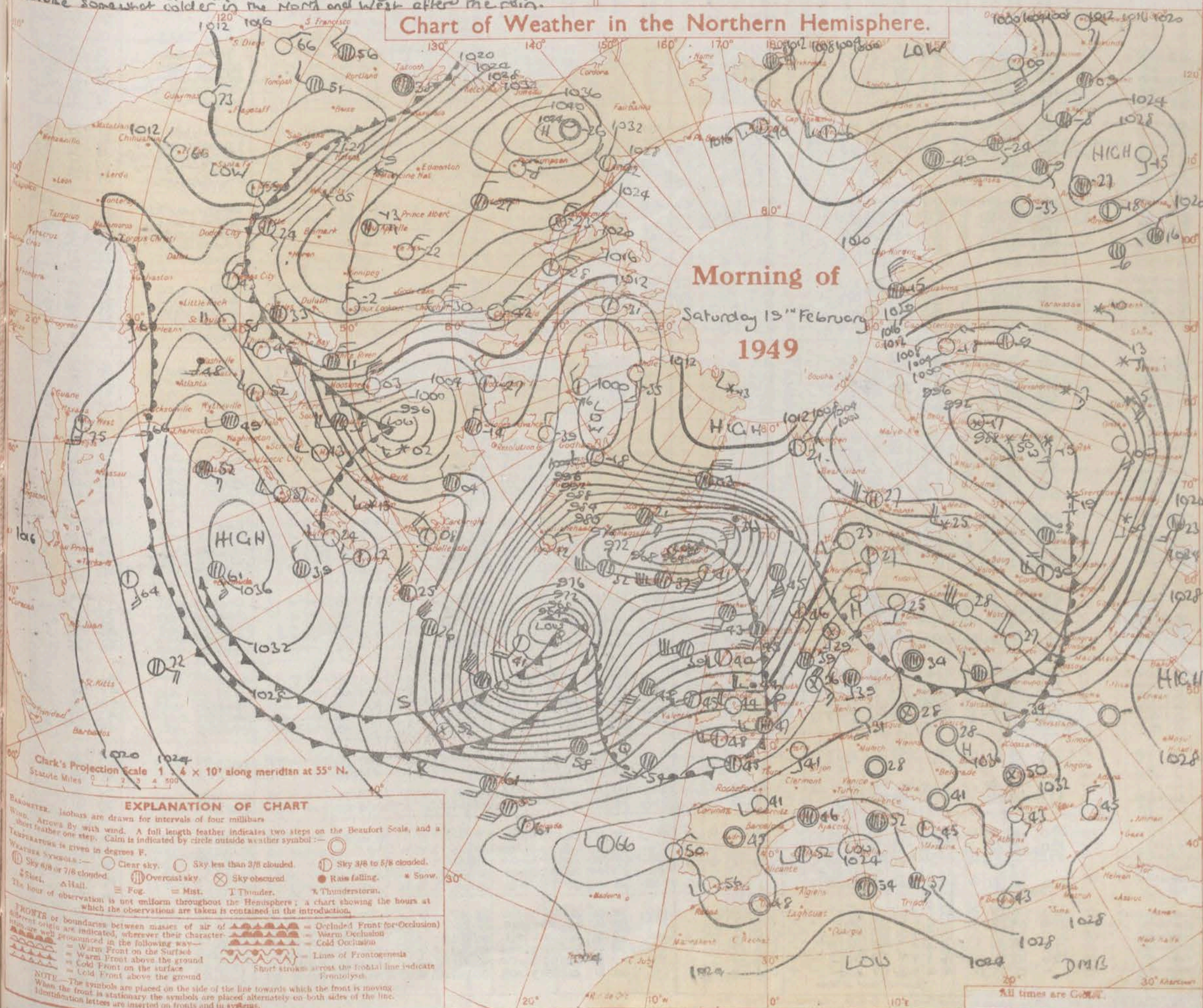
FURTHER OUTLOOK

Rain or showers at times in the North. Doubtful in the South but probably mainly fair. South coasts are flying in the Orkneys and Shetlanders and on coasts from Ullster Hd. to Berwick and from Ullster Hd. to Bristol Channel, and from Foyle to Haulth and on coasts of Isle of Man.

Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 13th February
1949



BRITISH
SECTION

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Saturday 19th February 1949

No. 31866...

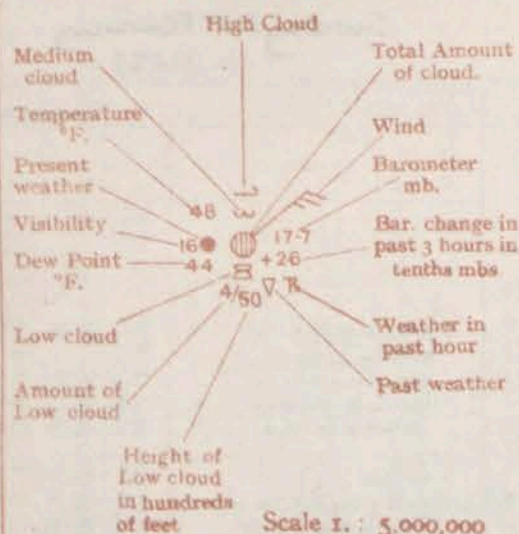
OBSERVATIONS at 06hr. G.M.T. 19th February.																	OBSERVATIONS at 06hr. G.M.T. 19th February.																	OBSERVATIONS Friday NIGHT.				
STATION	ELEVATION ft.	Wind.				Pressure.		Temp.		Cloud.						Wind.				Pressure.				Temp.				9 h	Weather.	Temperature		Rain						
		Direction (degrees)	Speed (kts.)	Variability (code figure)	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Total Amount.	Main layer.	Lowest layer.	Direction (degrees)	Speed (kts.)	Variability (code figure)	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Total Amount.	Main layer.	Lowest layer.	Min. °F.	Min. on Glass °F.											
																														(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)
0	Kew	18	250	08	0	18.8	+11	47	45	18	100	16	2	11	310	03	16	b	22.1	+22	41	39	5	-	-	2	2	21	38	23	0.4							
1	London Airport	82	250	08	0	18.8	+11	47	45	18	100	16	2	11	310	03	16	b	22.1	+22	41	39	5	-	-	2	2	21	38	23	0.4							
	Lymington	341	250	08	0	18.8	+11	47	45	18	100	16	2	11	310	03	16	b	22.1	+22	41	39	5	-	-	2	2	21	38	23	0.4							
	Danegre	95	250	08	0	18.8	+11	47	45	18	100	16	2	11	310	03	16	b	22.1	+22	41	39	5	-	-	2	2	21	38	23	0.4							
	Calshot	8	250	08	0	18.8	+11	47	45	18	100	16	2	11	310	03	16	b	22.1	+22	41	39	5	-	-	2	2	21	38	23	0.4							
2	Boscombe Down	414	250	05	48	19.8	+24	41	41	6	100	25	-	-	250	02	24	b	24.3	+21	36	36	-	-	-	0	0	0	33	24	2							
	Exhatawe	10	220	17	33	18.8	+21	41	41	6	100	25	-	-	320	09	48	b	22.9	+26	42	38	5	-	-	2	1	40	33	34	0.2							
	Gorleston	8	230	17	33	18.8	+21	41	41	6	100	25	-	-	270	09	48	b	22.9	+26	42	38	5	-	-	2	1	40	33	34	0.2							
	West Raynham	250	230	21	32	18.8	+22	41	41	6	100	25	-	-	250	09	44	b	22.1	+24	41	39	5	-	-	1	1	80	33	29	1							
	Maldenham	15	200	12	40	17.9	+14	49	44	6	100	46	-	-	250	07	32	b	23.4	+31	37	35	5	-	-	1	1	40	34	28	1							
3	Cranfield	340	250	10	80	17.8	+19	44	42	5	100	4	4	20	250	06	64	b	25.9	+33	34	33	-	-	-	1	1	0	33	29	0.5							
	Honiley	427	250	09	80	17.3	+14	43	39	5	100	1	1	20	200	06	60	b	24.2	+27	34	34	-	-	-	0	0	0	33	31	0.2							
	Wittering	236	250	11	80	17.2	+26	44	41	5	100	1	1	20	250	13	40	b</																				

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 Single copies, 4d. or 5d. post free. One calendar month, 9s. One quarter, 25s. One year, 90s. For special arrangements for supply to schools and colleges see Form 2452.

* Information not usually received.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

STATION MODEL

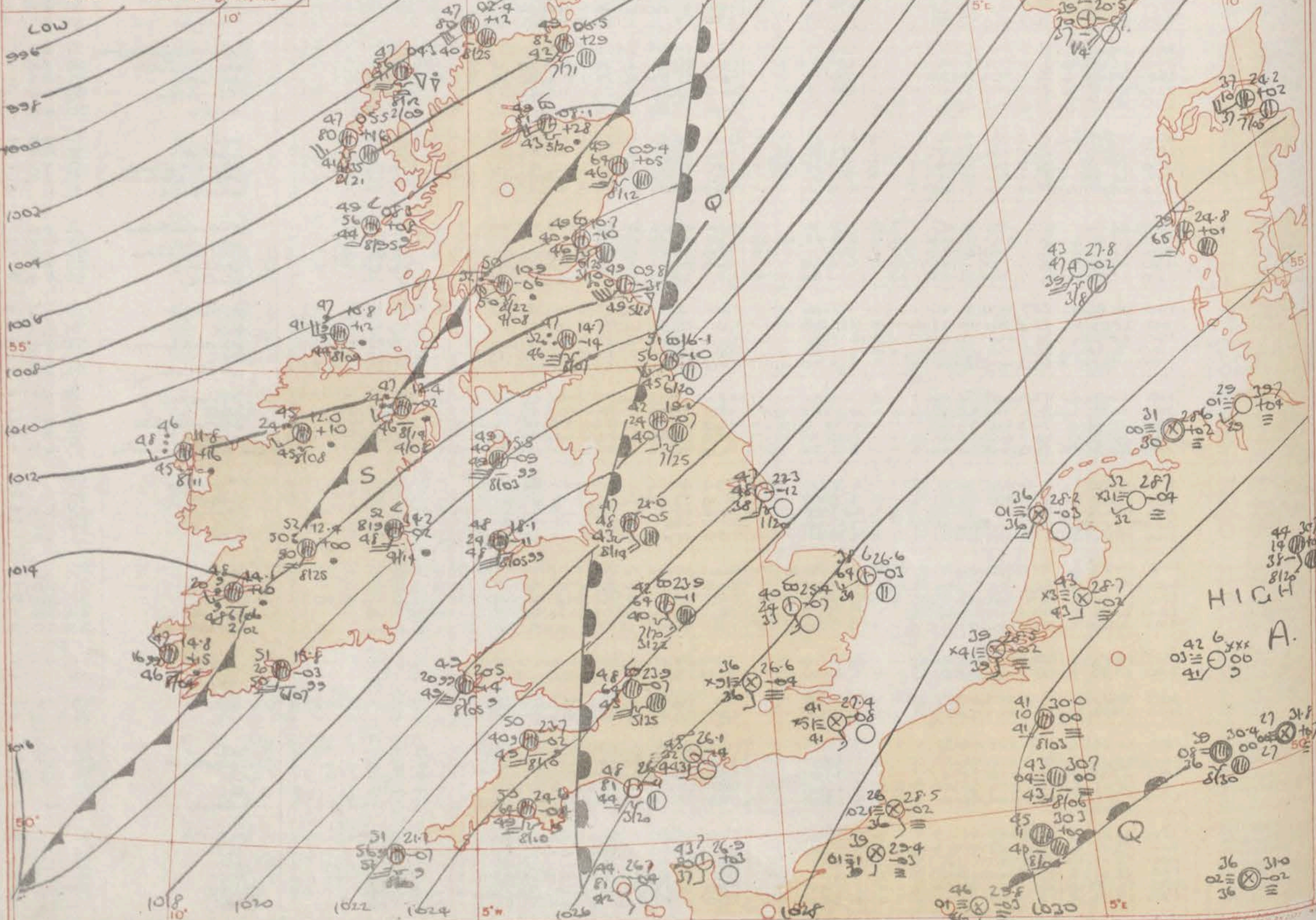
6h Sunday 20th February.

1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-15h Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine in sunst hrs	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on gram	Day	Night		13h %	9h %
Kew ...	b2bby 20 x bmo x 3cm			52	33	21	-	✓	8.2		
London Airport	b2bby 20 x bmo x 3cm			55	32	27	-	-	*	42	99
Greenwich ...	fb	b	bf x	56	34	26	✓	-	8.2	43	88
Westminster	.	.	.	55	32	29	-	-	.	47	84
Regents Park	.	.	.	.	.	.	.	.	.	.	.
Camden Square	bc	b	.	56	40	28	-	-	.	.	87
Kensington ...	b	b	.	56	37	+	-	-	.	59	92
Hampstead ...	bc	bc	b	52	38	32	-	-	.	.	92

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.5 Time 21/22h. 0.1 Time 5/6h 20thIreland
East on
dark, w
although
of rain

110°

100°

100°

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GENERAL INFERENCE

FURTHER OUTLOOK

Ireland is moving south east.

The weather will be fair or fine and rather mild over much of East and Southeast England at first, but it will become cloudy in most places by dark, with perhaps some light local drizzle.

Elsewhere it will be mainly cloudy with rain or drizzle at times, although over much of Wales, Southwest England and the east and west Midlands amounts of rain will be small.

Showers in the North.
Occasional rain elsewhere.

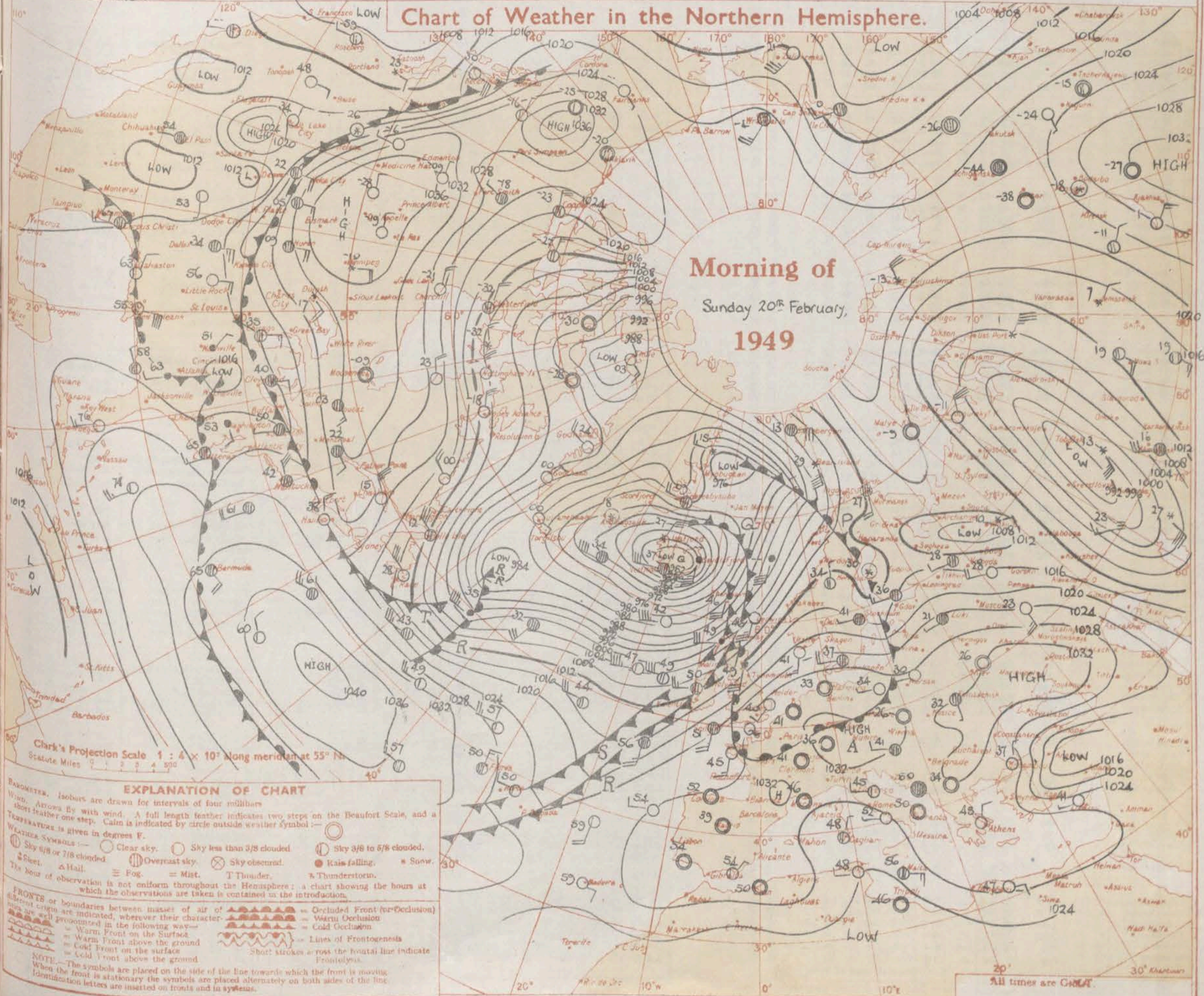
South coasts are flying on all coasts north and west of a line Cardiff to Berwick including Orkneys and Shetlands and coast of North Ireland.

Chart of Weather in the Northern Hemisphere.

Morning of

Sunday 20th February,

1949



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Sunday 20th February, 1949

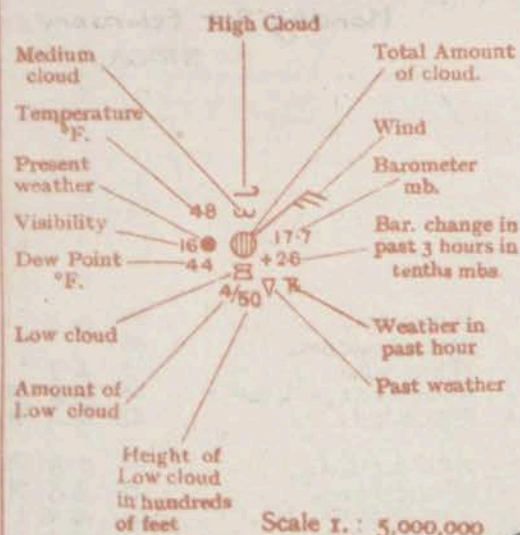
No. 31867

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The DAILY WEATHER REPORT is issued in three Sections:- British, International, Upper Air

* Information not usually received

STATION MODEL



6h Monday 21st February

1949

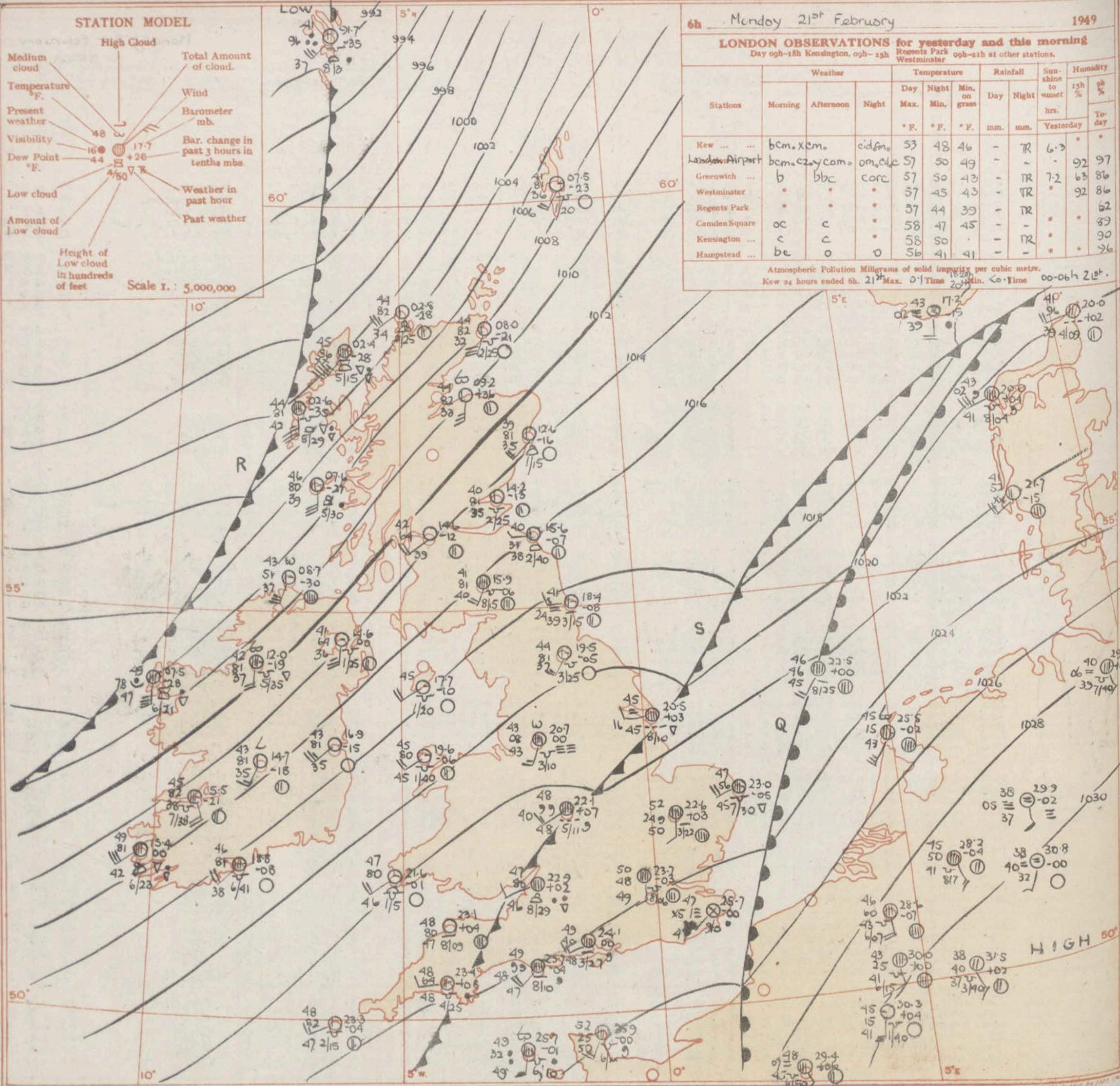
LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-18h Regents Park 09h-18h at other stations.

Stations	Weather			Temperature			Rainfall		Sun-shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	To-day %
Kew ...	bcm. xcm.		cidfm.	53	48	46	-	TR	6.3		
London Airport	bcm. czaycom.		om.cdc	57	50	49	-	-		92	97
Greenwich ...	b	bbc	corc	57	50	43	-	TR	7.2	63	86
Westminster	.	.	.	57	45	43	-	TR		92	86
Regents Park	.	.	.	57	44	39	-	TR			62
Canalen Square	oc	c	.	58	47	45	-	-			89
Kensington ...	c	c	.	58	50		-	TR			90
Hampstead ...	bc	o	o	56	41	41	-	-			96

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 21st Max. 0.1 Time 20^h Min. 0.0 Time

00-06h 21st.



1949

ing

Humidity

1st

To-day

Day

92 97

63 86

92 86

62

89

90

96

h 21st.

20-0

-102

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GENERAL INFERENCE

A trough of low pressure is slow moving over Southeastern England while a further trough is moving southeastward into Scotland and Ireland. Rain in the southeast will give way to mainly fair conditions, but with some fog patches; rain on the second trough will move steadily southeastward, followed in the north and northwest by showers which may be locally heavy with hail and with snow on high ground. It will be mild generally and rather cold in the North. Southwest or west gales may be severe locally in the North.

FURTHER OUTLOOK

Continuing unsettled with rain or showers in most areas.

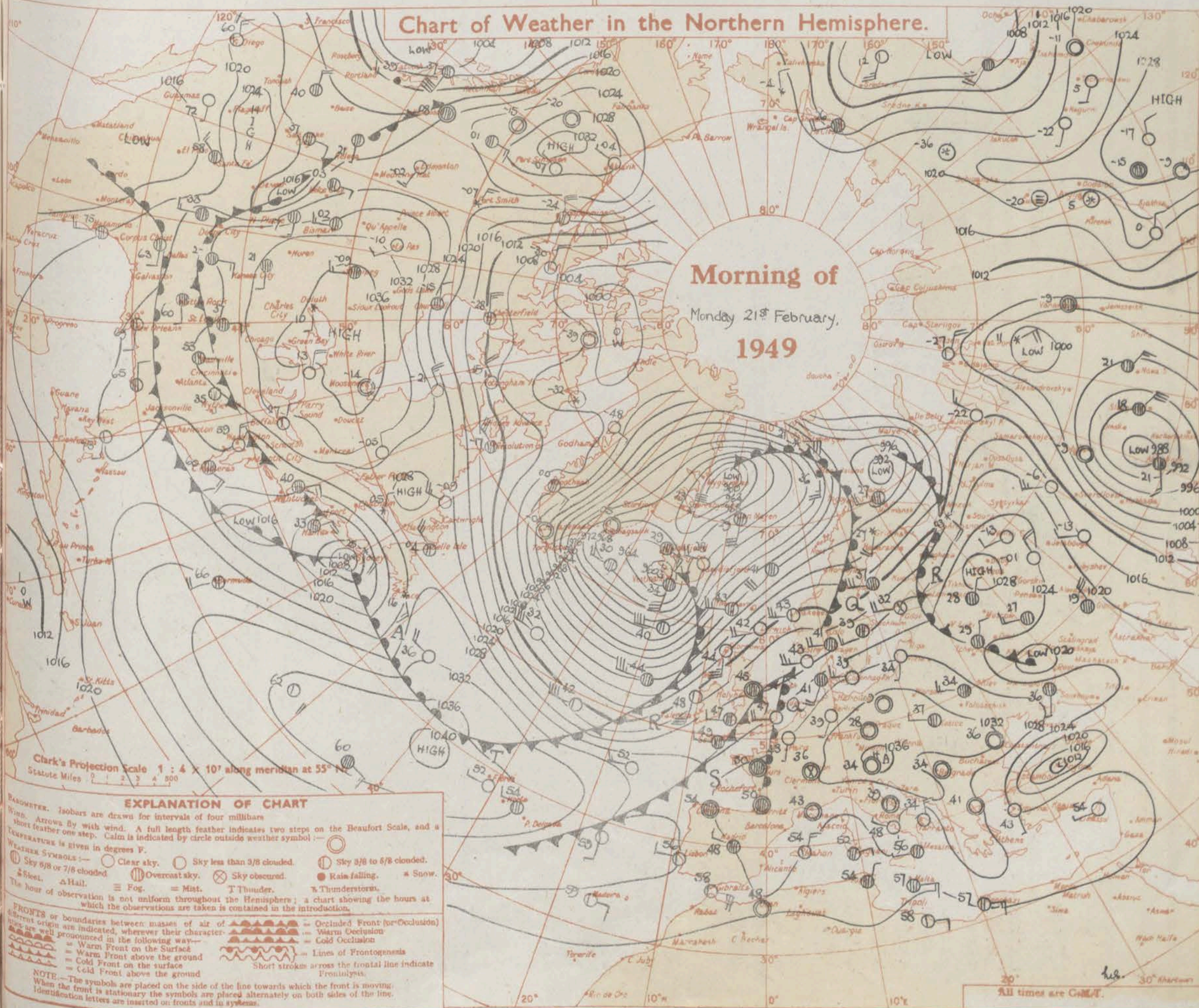
South cones are flying on coasts of Great Britain north and west of a line Cardiff to Berwick.

Chart of Weather in the Northern Hemisphere.

Morning of

Monday 21st February,

1949



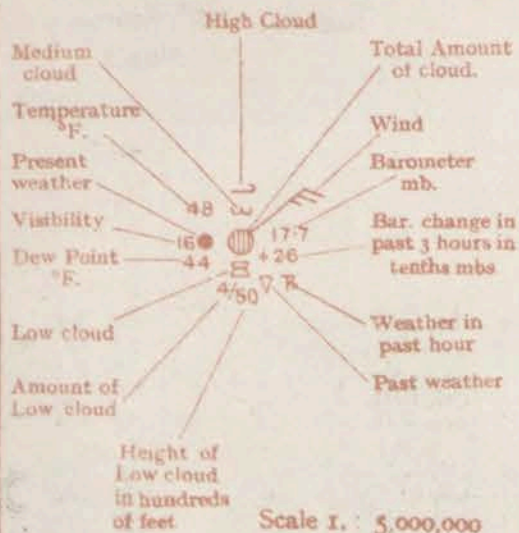
OBSERVATIONS Sunday-NIGHT.

* Information not usually received.

OBSERVATIONS during DAY (21st)

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

STATION MODEL



6h Tuesday 22nd. February

1949

LONDON OBSERVATIONS for yesterday and this morning

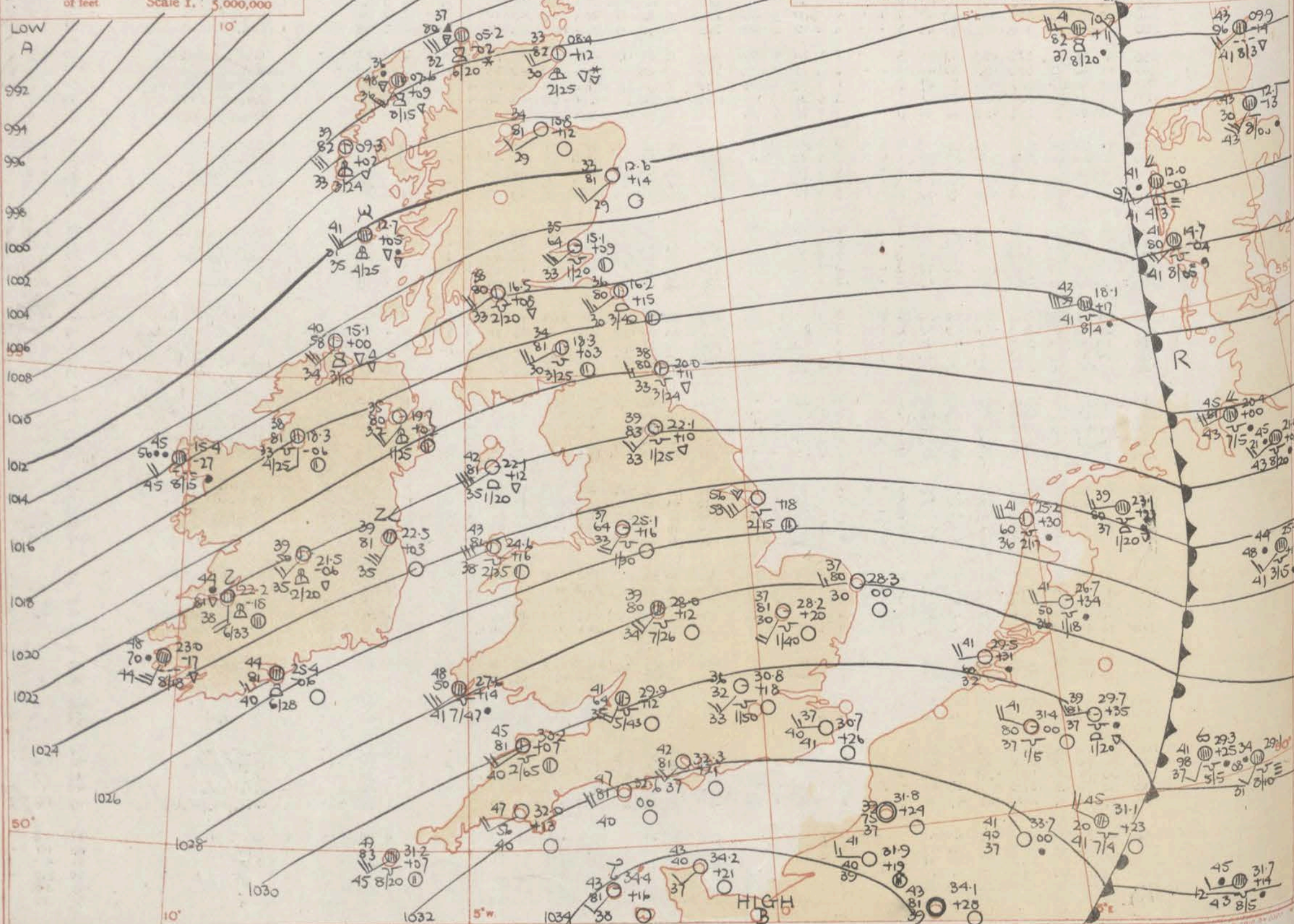
Day 09h-15h Kensington, 09h-15h Westminster

Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset		Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	hrs.	Yesterday	Today
Kew ...	cmoid. d. bez.	acn. bez.	56	39	28	1	0.4	2.8				
London Airport	odd m. cbcyb	oir. blmws	57	35	29	0.1	0.6	*	60	77		
Greenwich ...	cid.	c	56	38	31	0.3	0.5	1.4	71	77		
Westminster	*	*	57	38	29	0.3			68	70		
Regents Park	*	*	56	39	31	TR	0.3		68	75		
Camden Square	cd	b	57	39	32	TR	0.5		74			
Kensington ...	ebc	bc	58	38		TR	0.2		62	75		
Hampstead ...	ocbc	c	55	37	31	TR	0.5		78			

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours' ended 5h. 22. Max. 0.2 Time 19.31 Min. 0.1 Time 00-06h 22.5.



1949

Aug

Humidity

1st %

2nd %

Day

To-day

60 77

71 67

68 70

63 75

62 74

62 75

78

22nd

09.9

81.3

12.1

81.0

35

30.4

15.45

21.0

43.8

20

44

25.0

48

31.5

31.7

14

81.5

31.7

14

81.5

31.7

14

81.5

31.7

14

81.5

31.7

14

81.5

31.7

14

81.5

GENERAL INFERENCE

A vigorous depression approaching northwest Scotland will move northeast while a further warm depression is expected to cross Scotland. Rain will spread eastward to all areas today, though amounts in the south may be small. In the north and northwest there will be further rain during the night followed by showers. It will be rather cold in the north and mild in the south. South westerly winds will reach gale force in the west and north and gales may be severe locally.

FURTHER OUTLOOK

Some rain or showers in most areas.

Gale warning.

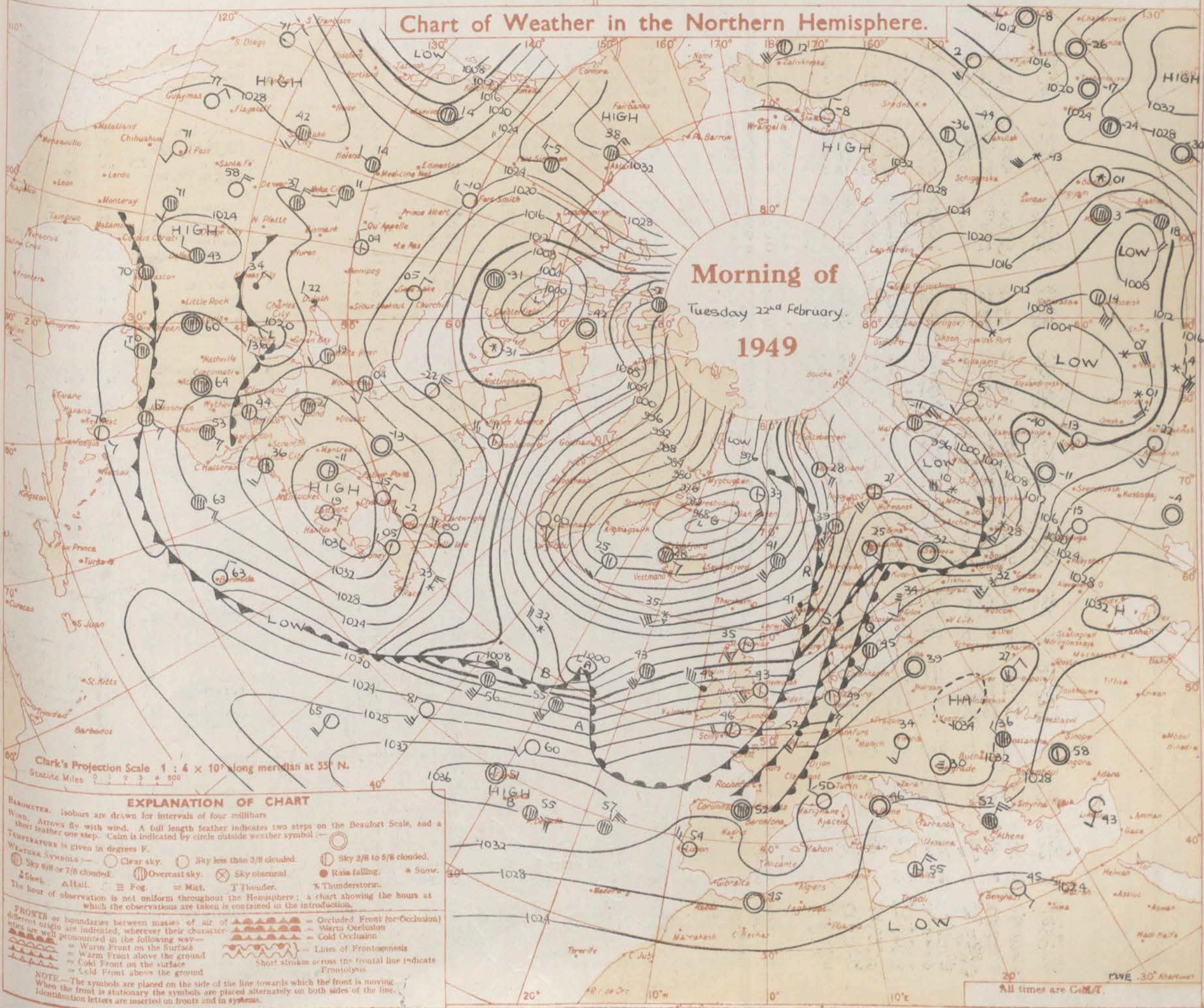
South cones are flying on all coasts of the British Isles.

Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 22nd February.

1949



EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows show wind direction. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by a circle with a dot.

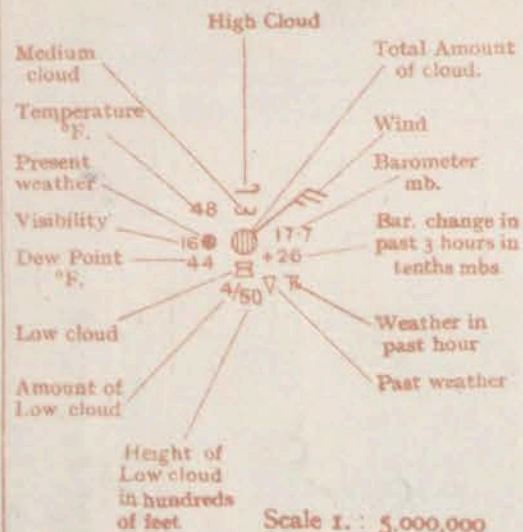
TEMPERATURE. Temperature is given in degrees F.

WEATHER SYMBOLS. — Clear sky. — Sky less than 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Sky 5/8 or 7/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Thunder. — Thunderstorm. — Fog. — Mist. — Lines of Frontogenesis. — Short strokes across the frontal line indicate Frontolysis.

FRONTS. Fronts or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground. — Occluded Front (or Occlusion). — Warm Occlusion. — Cold Occlusion.

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

STATION MODEL



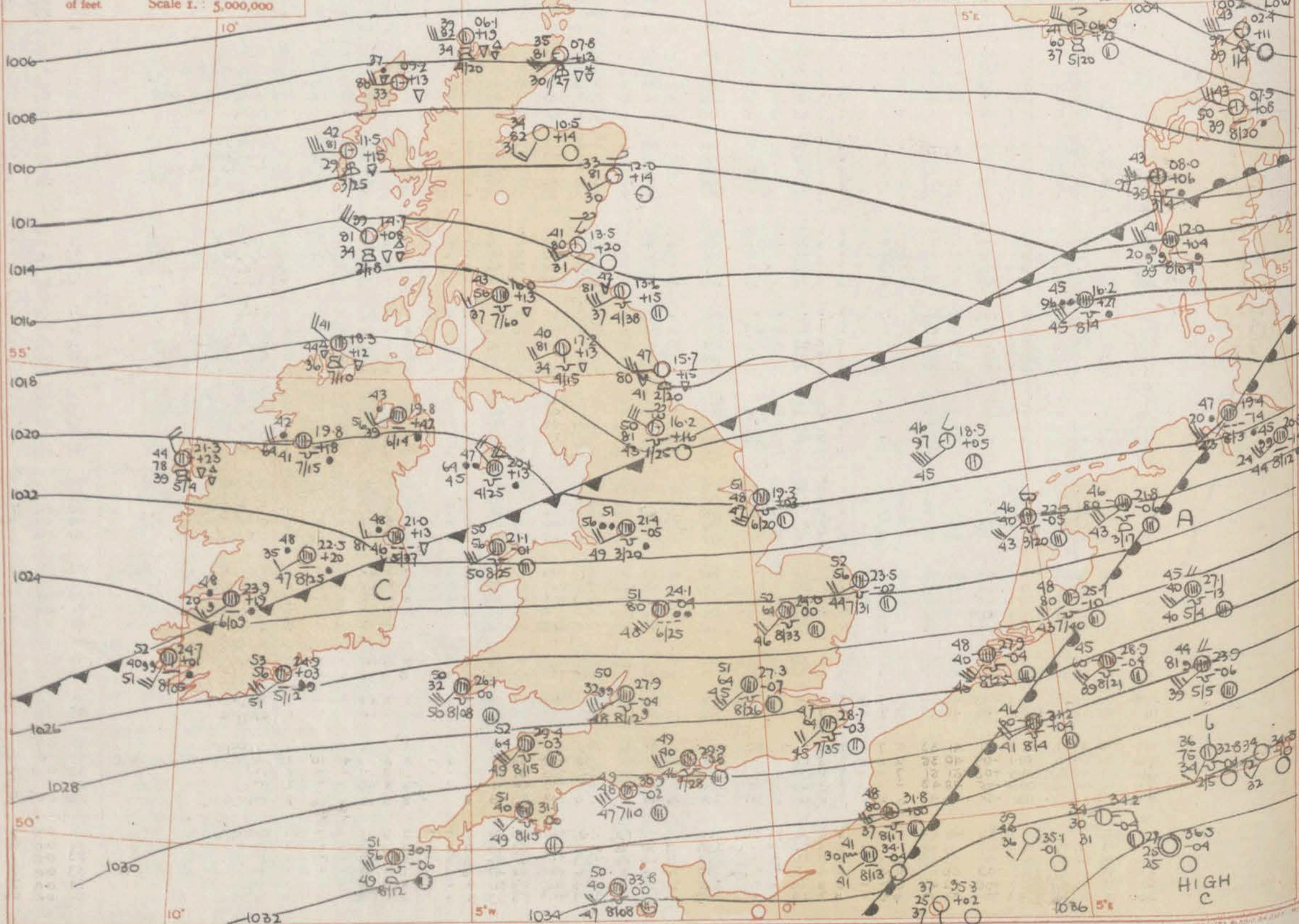
6h Wednesday 23rd February 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-18h Regents Park 09h-21h at other stations. Westminster

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	1st %	2d %
				Max.	Min.						
				* F.	* F.	* F.	mm.	mm.		Yesterday.	To- day
Kew ...	bczo czom.	cm.	52	49	46	-	-	4.7	*	*	
London Airport	bcyc		ocbcb	53	49	47	-	-	*	62	79
Greenwich ...	bc	c	cbcb	55	49	44	-	-	5.1	64	81
Westminster	*	*	*	54	46	45	-	-	*	69	85
Regents Park	*	*	*	54	45	45	-	-	*	66	83
Canalen Square	b	c	*	55	45	45	-	-	*	*	85
Kensington ...	c	bc	*	55	49	.	-	-	*	80	85
Hampstead ...	abc	o	o	53	48	44	*	-	*	*	88

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 23rd Max. 0.1 Time 22.0 Min. 0.0 Time 0.0



GENERAL INFERENCE

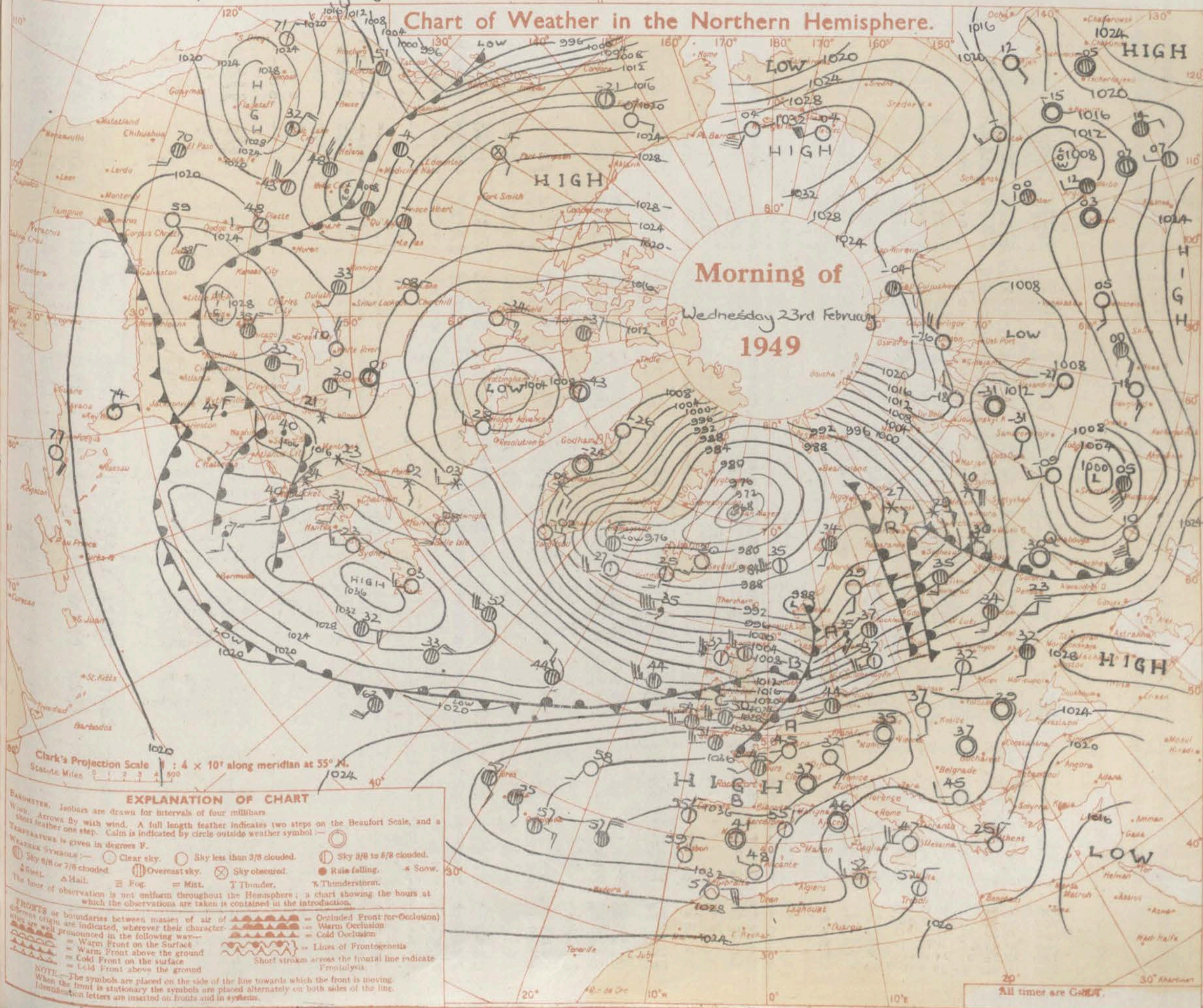
A cold front is slowly moving north-eastwards over Central England while a wave on the front is expected to cross Southern districts during the night. Cloudy conditions with occasional rain or drizzle in the South will give way to mainly fair weather to-morrow. Further north there will be showers and bright periods. The showers will be frequent and locally heavy with hail and thunder in the north-west and north and snow is probable over high ground in Scotland.

FURTHER OUTLOOK

Showers dying out except in the extreme north otherwise mainly fair.

Chart of Weather in the Northern Hemisphere.

Morning of
Wednesday 23rd February
1949



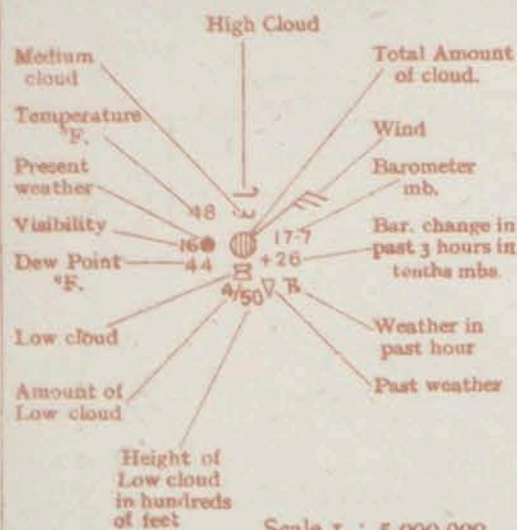
Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows by 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 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Sky 5/8 to 7/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Hail. — Fog. — Mist. — Thunder. — Thunderstorm.
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.
FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way:
— Warm Front on the Surface
— Warm Front above the ground
— Cold Front on the surface
— Cold Front above the ground
Short strokes across the frontal line indicate Frontolysis.
NOTE. The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are GMT.

STATION MODEL



6h

Thursday 24th February

1949

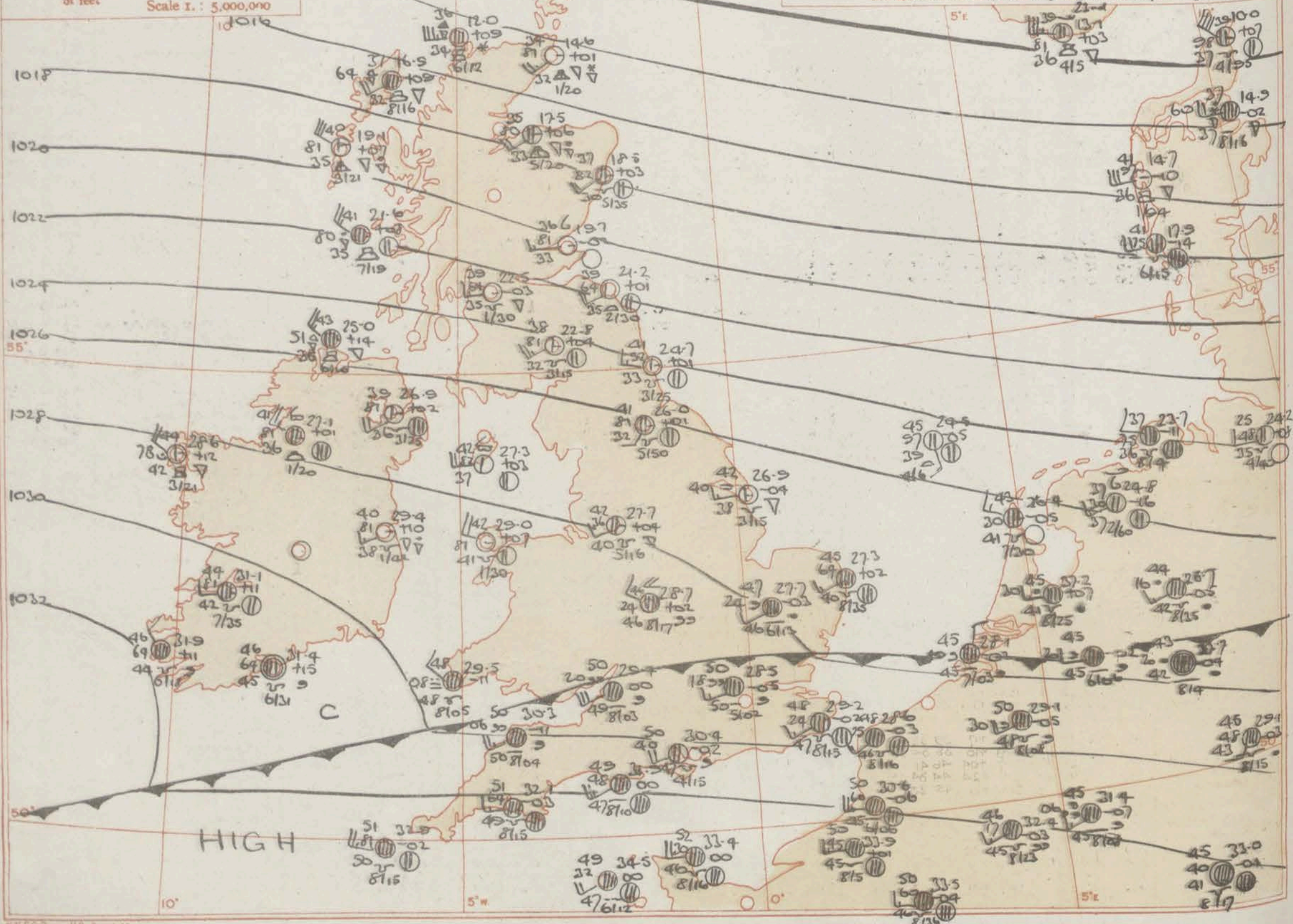
LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-15h Regents Park 09h-21h at other stations.

Stations	Morning	Afternoon	Night	Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
				Day Max.	Night Min.	Min. on grass	Day	Night		15h %	06h %
Kew ...	Cmo	i	Cmo	55	50	49	Tr	2	0.0	80	98
Croydon ...	o	c	o	55	50	49	-	5	*	80	98
Greenwich ...	c	c	errm	55	50	48	-	6	-	80	94
Westminster	.	.	.	55	50	49	-	4	.	85	96
Regents Park	.	.	.	55	50	49	-	6	.	81	96
Cannden Square	c	c	.	55	50	49	-	5	.	93	93
Kensington ...	c	c	.	56	50	.	-	7	.	83	96
Hampstead ...	o	o	or	54	47	47	-	4	.	83	97

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. 24h Max 0.7 Time 21h Min. 0.1 Time 06h 24h



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Southwest
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GENERAL INFERENCE

A weak trough of low pressure over southern districts of England is moving slowly southwards preceded by dull weather with occasional slight rain or drizzle and followed by fair conditions although with considerable cloud persisting in some southwest districts and occurring elsewhere at first. Mist or fog patches may occur in industrial areas in the midlands around dawn tomorrow. Scattered showers in Northern Ireland and Southwest Scotland will die out later tonight. In West and North Scotland there will be showers of rain or hail with sleet or snow on high ground and locally on low ground also. It will be mild at first in the extreme south but will become a little colder. Elsewhere, it will be rather cold. Ground frost will occur at night in many eastern and central districts

FURTHER OUTLOOK

away from the south coast with some slight air frost in Eastern Scotland.

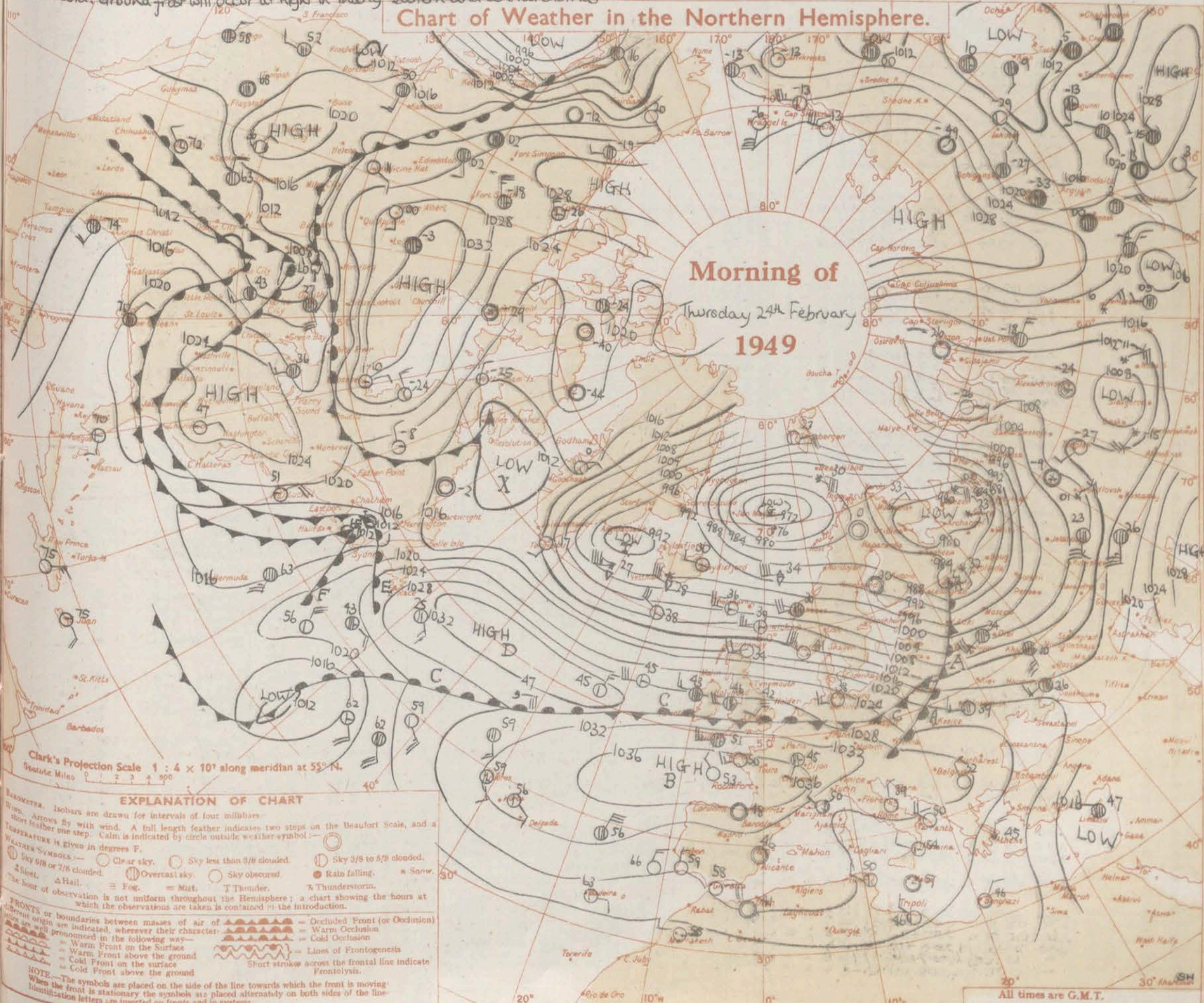
Further Outlook.

Fair apart from some showers in Northern Scotland but cloud increasing in many western districts. Some slight frost and industrial mist or fog patches night and morning in eastern and central districts otherwise rather cold in the north and rather mild in the south.

Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 24th February
1949



Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500

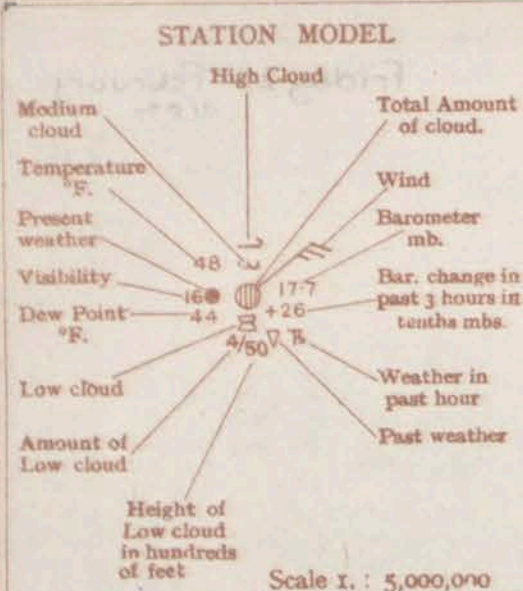
EXPLANATION OF CHART

ISOBARS. 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. Temperature is given in degrees F.
WEATHER SYMBOLS. — Clear sky. — Sky less than 1/8 clouded. — Sky 1/8 to 1/4 clouded. — Sky 1/4 to 1/2 clouded. — Sky 1/2 to 3/4 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Sleet. — Hail. — Fog. — Mist. — Thunder. — Thunderstorm. — Occluded Front (or Occlusion). — Warm Occlusion. — Cold Occlusion. — Lines of Frontogenesis. — Cold Front on the surface. — Cold Front above the ground. — Short stroke across the frontal line indicate Frontolysis.

FRONTS. Fronts or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way—
— Warm Front on the surface
— Warm Front above the ground
— Cold Front on the surface
— Cold Front above the ground

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

All times are G.M.T.



6h

Friday 25th February

1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-15h Regents Park, 09h-15h at other stations.

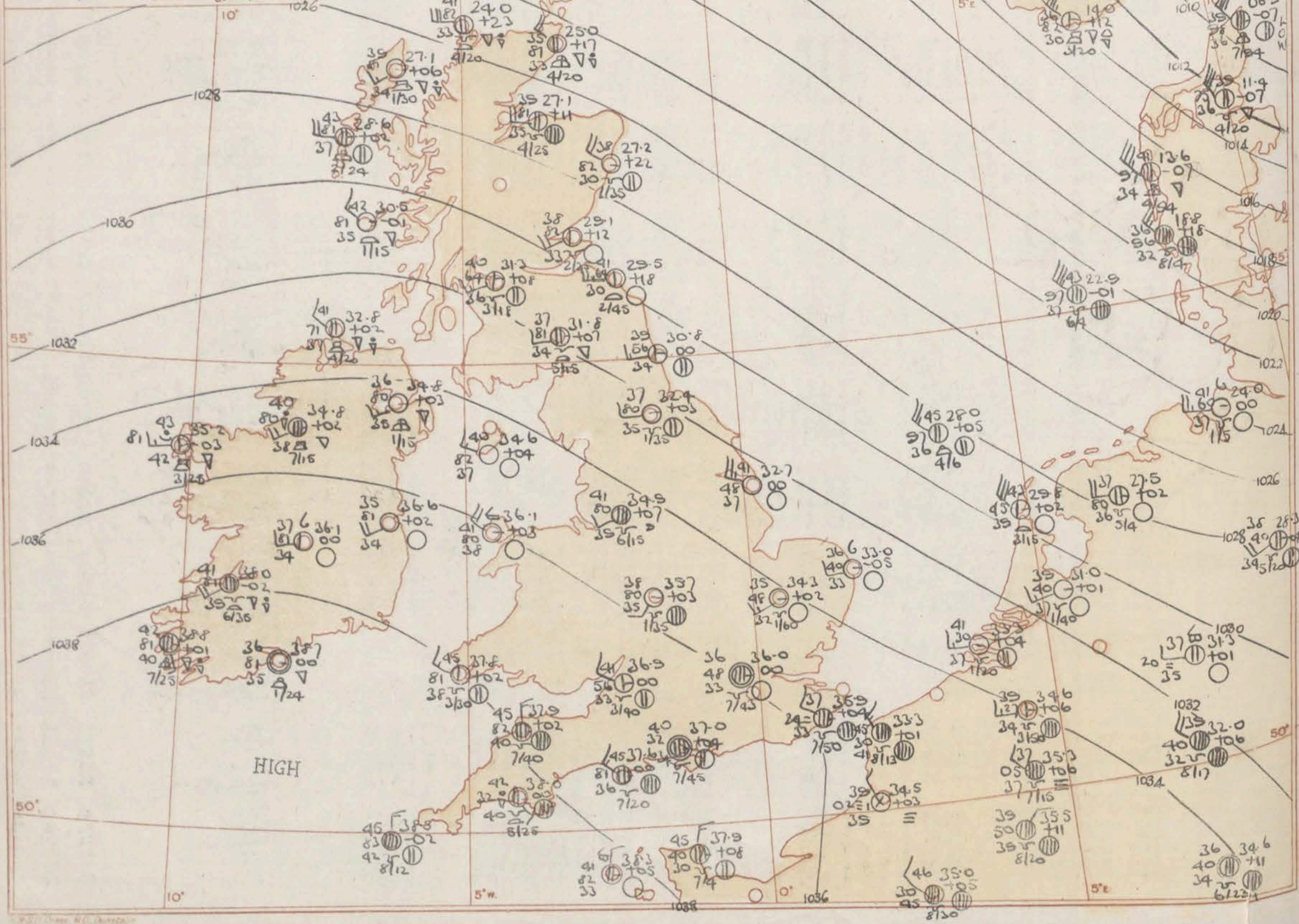
Westminster

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	0h %
				Max.	Min.	° F.	° F.	° F.	mm.	mm.	Yesterday

Kew ...	cd-bc-z	o-y-bcm	bc-bm	52	39	36	0.2	-	1.7	.	.
Croydon ...	o-r-o	m-c-bz	ca-c2o-bcm	52	33	28	0.2	-	*	60	75
Greenwich ...	cid-mc	c	cbcm	51	38	29	0.3	-	0.6	65	67
Westminster	.	.	.	55	39	27	TR	-	.	68	70
Regents Park	.	.	.	51	39	28	TR	-	.	63	65
Camden Square	c	bc	.	53	40	29	TR	-	.	.	71
Kensington ...	bcbu	cbcc	.	53	39	*	0.3	-	.	63	75
Hampstead ...	obbc	c	b	50	37	28	0.3	-	.	.	72

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. 25th Max. 0.5 Time 21h Min. 0.1 Time 4-6h 25th



A ridge of high pressure is moving from the west, reaching the British Isles on Saturday. This will increase the rainfall in the south and west of England.

Clark's Statute Miles

Barometer. In inches. Arrows show whether temperature is rising or falling. Sky 6/8 or 7/8. The hour of observation.

FRONTS or boundaries of different air masses are shown by lines with symbols as follows: Cold front, Warm front, Occluded front, Stationary front.

NOTE: When the weather is as shown, it will be as follows: Clear, Partly cloudy, Cloudy, Rain, Snow, Fog, etc.

GENERAL INFERENCE

A ridge of high pressure over the British Isles is moving eastwards followed by a trough of low pressure, which is weak in the south. Fair conditions will prevail today apart from some showers at first in North Scotland. Cloudy conditions with occasional rain or drizzle will, however, spread into Northern Ireland this afternoon across Western and Northern Scotland in the evening and by tomorrow morning will have reached the remainder of Scotland, Wales and much of North England. In Southern and Eastern England and the Midlands it will remain fair but cloud will increase in western districts tomorrow with some drizzle in the Southwest. It will be mild in the south and will become milder in the north.

FURTHER OUTLOOK

Mainly cloudy but bright periods in the Midlands, East and Southeast England. Occasional rain or showers in many northern areas. Generally mild but rather cold in Scotland and Northern Ireland.

Gale Warnings

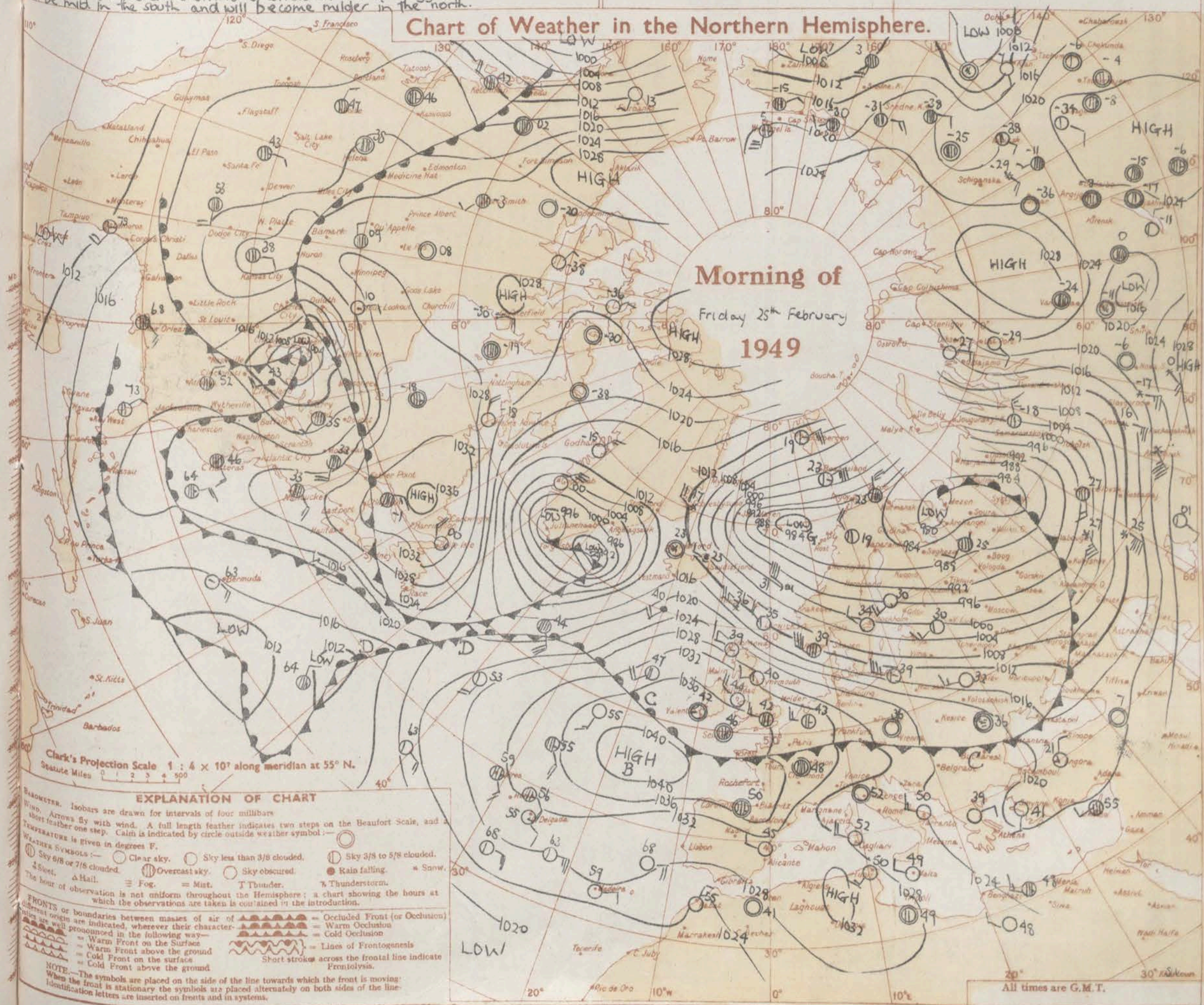
South coasts are flying on north coasts of Scotland, Mallaig to Dornoch Firth and in Orkneys and Shetlands.

Chart of Weather in the Northern Hemisphere.

Morning of

Friday 25th February

1949



EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows by 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 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Sky 5/8 or 7/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Sleet. — Hail. — Fog. — Mist. — Thunder. — Thunderstorm. — The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.

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

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

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

All times are G.M.T.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Saturday 26th February 1949
No 31873

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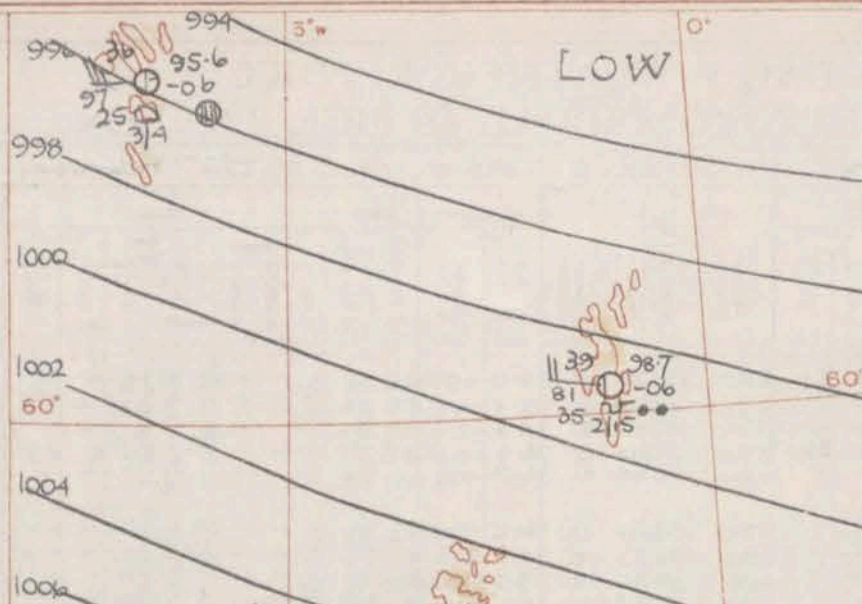
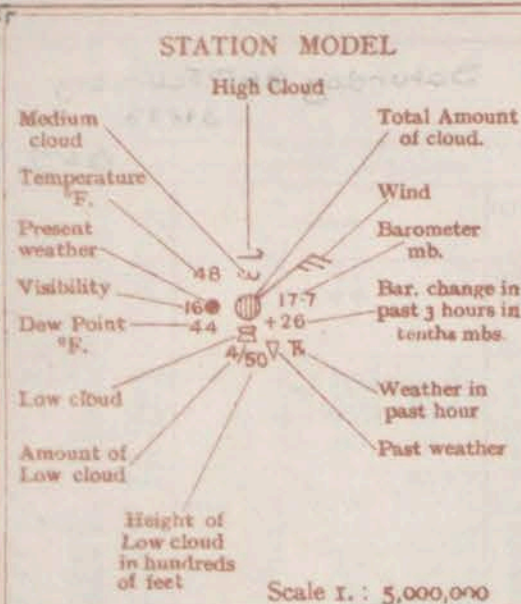
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

++ Cloud heights are in hundreds of feet.

* Information not usually received.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

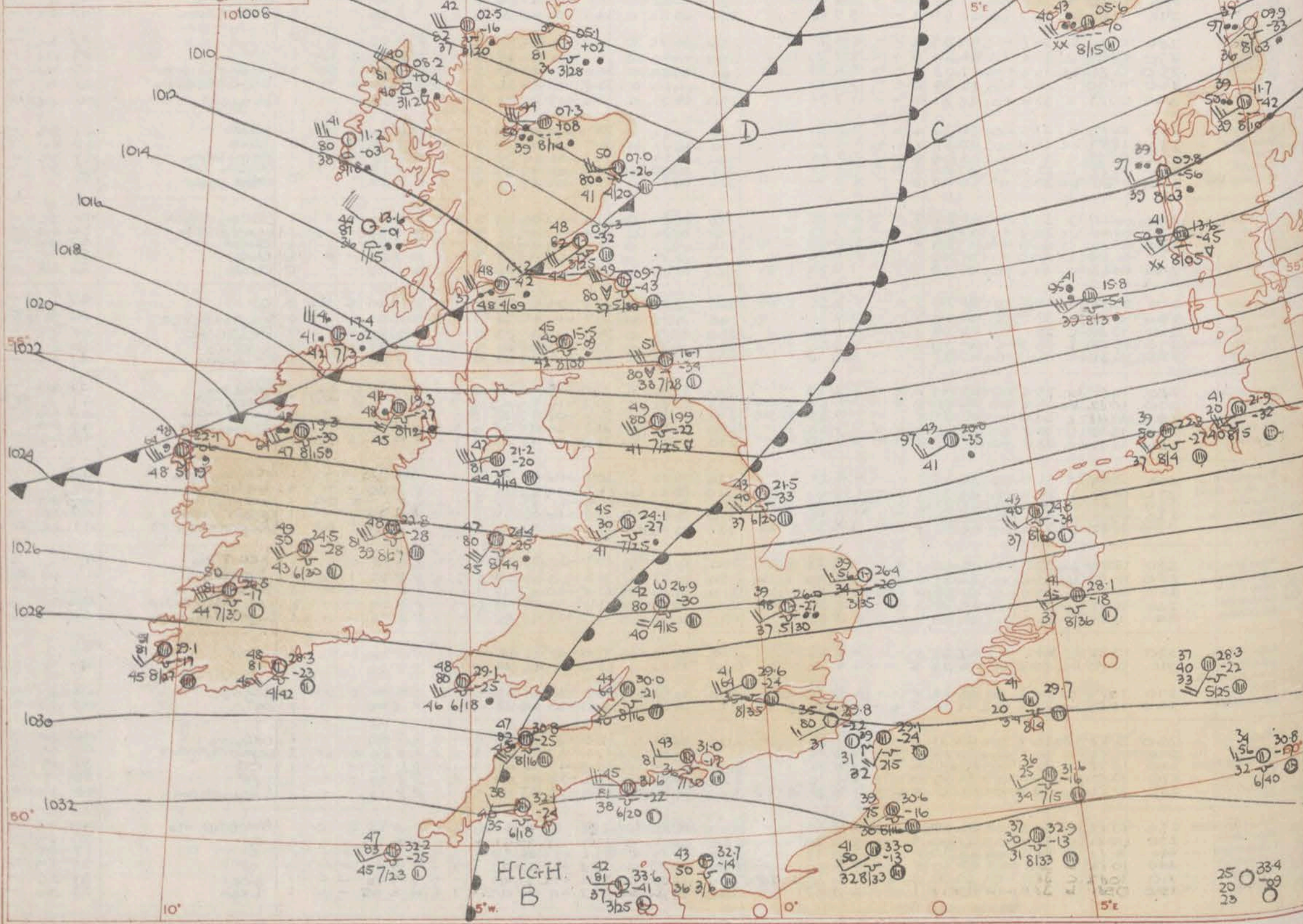


6h Saturday 26th February 1949

LONDON OBSERVATIONS for yesterday and this morning
Day 09h-18h Kensington, 09h-15h Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yesterday	To-day
Kew ...	bc	bc	bc	49	40	35	-	-	3.1	55	85
London Airport	bc	bc	bc	49	40	32	-	-	2.3	60	78
Greenwich ...	bc	bc	bc	49	39	33	-	-	2.3	64	91
Westminster	bc	bc	bc	53	40	34	-	-	6.0	82	84
Regents Park	bc	bc	bc	51	39	35	-	-	6.2	80	87
Camden Square	bc	bc	bc	52	39	35	-	-			
Kensington ...	bc	bc	bc	53	39		-	-			
Hampstead ...	bc	bc	bc	51	37	34	-	-			

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 26th Max. 0.3 Time 2.3 Min. 0.0 Time 00-06h 26th.



A cold Northern clearing local slight showers and snow also on snow will be n Midlands

Clark's

NOTE: When the

GENERAL INFERENCE

A cold front with an associated narrow belt of rain lying at 1200 hours across Northern England, North Wales and central Ireland will move steadily southeastwards clearing the south coast about midnight. Ahead of the front it will be cloudy with local slight drizzle; behind the front it will become fair in the south and east but showers of rain or hail will occur in northwest districts and in Northern Scotland and showers will be of snow on high ground in Scotland and Northern Ireland and also on some lower ground in North Scotland. It will be generally rather cold but will be milder in the south tomorrow. Ground frost will occur later at night in the Midlands and in sheltered areas in Northeast England and Eastern Scotland.

FURTHER OUTLOOK

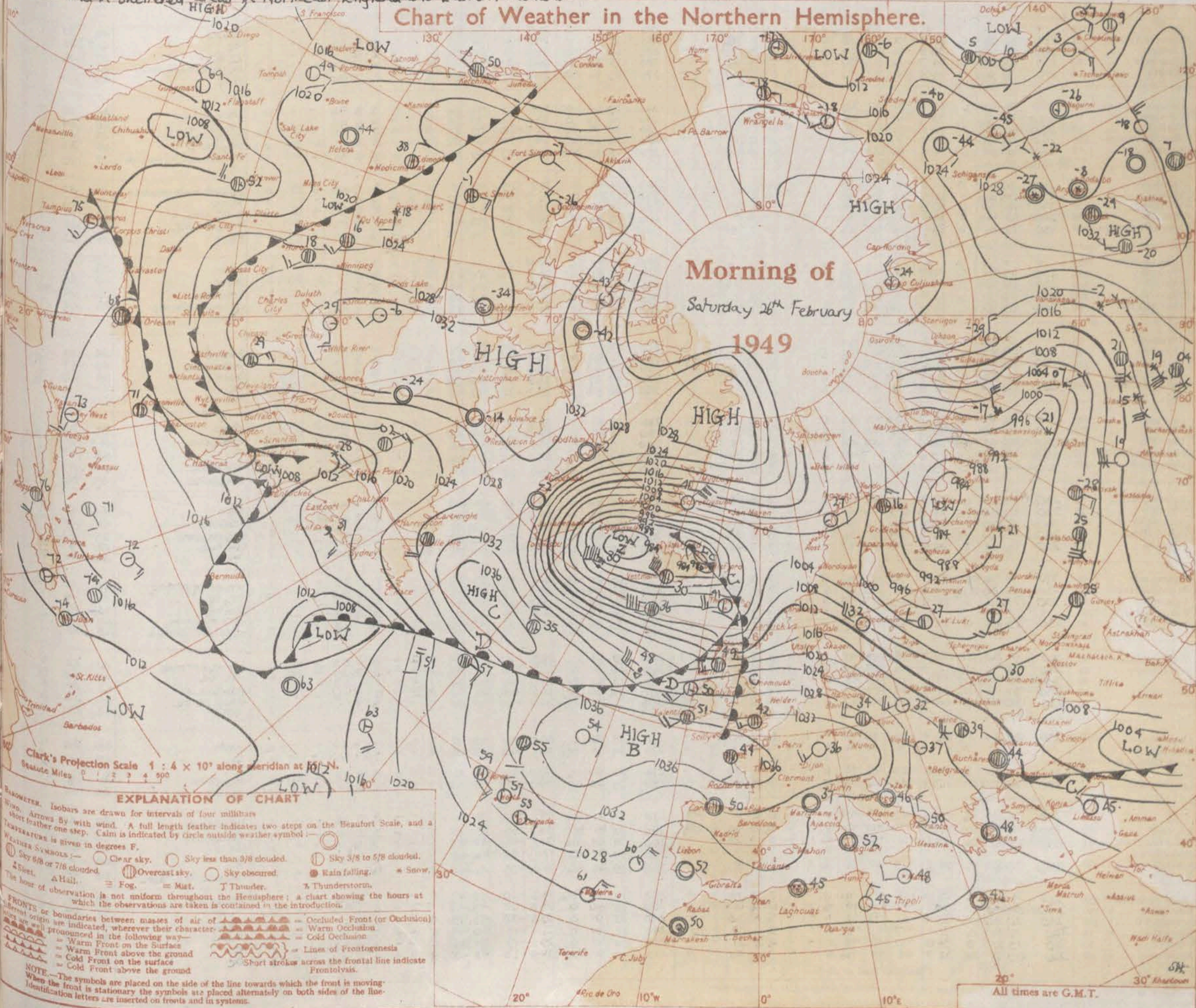
Fair at first apart from showers in northwest districts. Cloudy conditions spreading to Scotland and western districts further south on Sunday night with some rain; chiefly in the north. Ground frost in some midland and southeast districts Sunday night.

Gale Warning.

South cones are flying on all coasts north of a line from Solway Firth to Spurn Head, in Orkneys and Shetlands and between Loch Foyie and Hawth.

Chart of Weather in the Northern Hemisphere.

Morning of
Saturday 26th February
1949



Clark's Projection Scale 1 : 4 x 10⁶ along meridian at 10° N.
Scale Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows by 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.

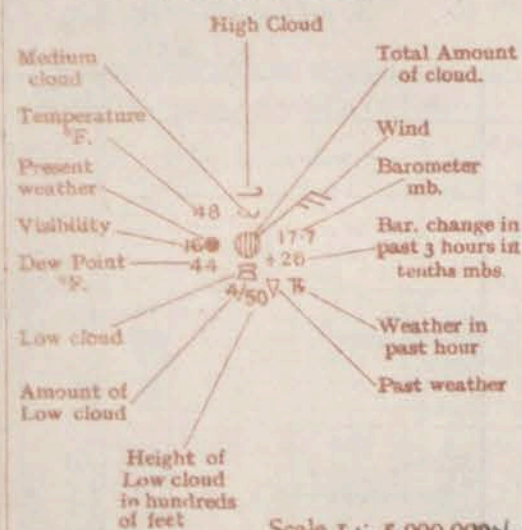
WEATHER SYMBOLS: — Clear sky. — Sky less than 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Sky 5/8 or 7/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Fog. — Mist. — Thunder. — Thunderstorm.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground.

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

All times are G.M.T.

STATION MODEL

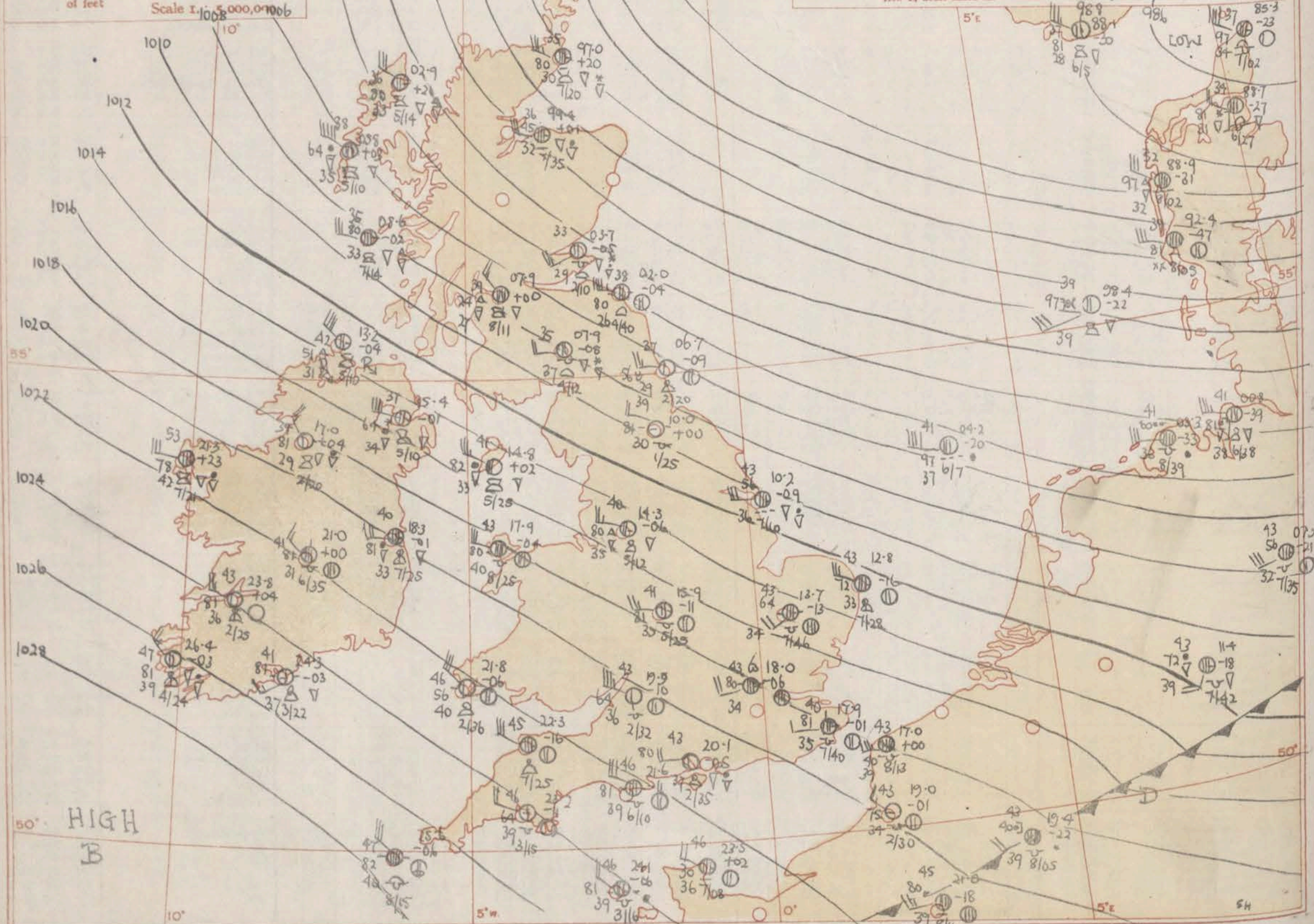


6h Sunday 27th February 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-15h Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		Yesterday	To-day
Kew ...	cmo	20c	bc20	54	43	38	Tr	-	2.2	75	92
London Airport	cbcy	cbcy	cbcy	51	42	38	Tr	-	1.6	57	59
Greenwich ...	c	c	c	53	42	37	-	-	1.6	74	74
Westminster	.	.	.	54	42	36	Tr	-	.	.	.
Regents Park	.	.	.	54	43	43	-	-	.	.	63
Camden Square	c	c	.	55	43	+	-	-	.	66	66
Kensington ...	bc	c	bc	53	39	37	-	-	.	65	65
Hampstead ...	bc	bc	bc	53	39	37	-	-	.	.	.

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max. 0.1 Time 21. Min. 0.06 hrs 27th

GENERAL INFERENCE

A cold north to northwest airstream covers the British Isles. Showers will be frequent and intense in northern districts, with snow at times in Scotland and on high ground elsewhere, and local thunder. There will be some bright intervals in the south.

FURTHER OUTLOOK

Little change.

Gale warning.
 ↑ north cones are hoisted in the Orkneys and Shetlands on east coasts from Whiten Head to the Thames, on west coasts from Whiten Head to the Bristol Channel and on north Irish coasts from Howth to Foyle.

Chart of Weather in the Northern Hemisphere

Morning of
 Sunday 27th February
 1949



Clark's Projection Scale 1:4 x 10⁷ along meridian at 55° N.
 Nautical Miles 0 1 2 3 4 5

EXPLANATION OF CHART

ISOBARS. Isobars are drawn for intervals of four millibars.
WIND. Arrows by 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.
TEMPERATURES. Temperatures are given in degrees F.
WEATHER SYMBOLS:
 ☉ Sky 6/8 or 7/8 clouded. ☁ Overcast sky. ☂ Sky obscured. ☔ Rain falling. ☄ Snow.
 ☁ Sky less than 3/8 clouded. ☁ Sky 3/8 to 5/8 clouded. ☁ Sky 5/8 to 7/8 clouded. ☁ Sky obscured. ☔ Rain falling. ☄ Snow.
 ☁ Sky less than 3/8 clouded. ☁ Sky 3/8 to 5/8 clouded. ☁ Sky 5/8 to 7/8 clouded. ☁ Sky obscured. ☔ Rain falling. ☄ Snow.
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FRONTS. Fronts or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way:
 — Warm Front on the surface
 — Warm Front above the ground
 — Cold Front on the surface
 — Cold Front above the ground
 — Occluded Front (or Occlusion)
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THE DAILY WEATHER REPORT
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Sunday 27th February 1949

No. 31874

[illegible]

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* Information not usually received.

FURTHER OUTLOOK

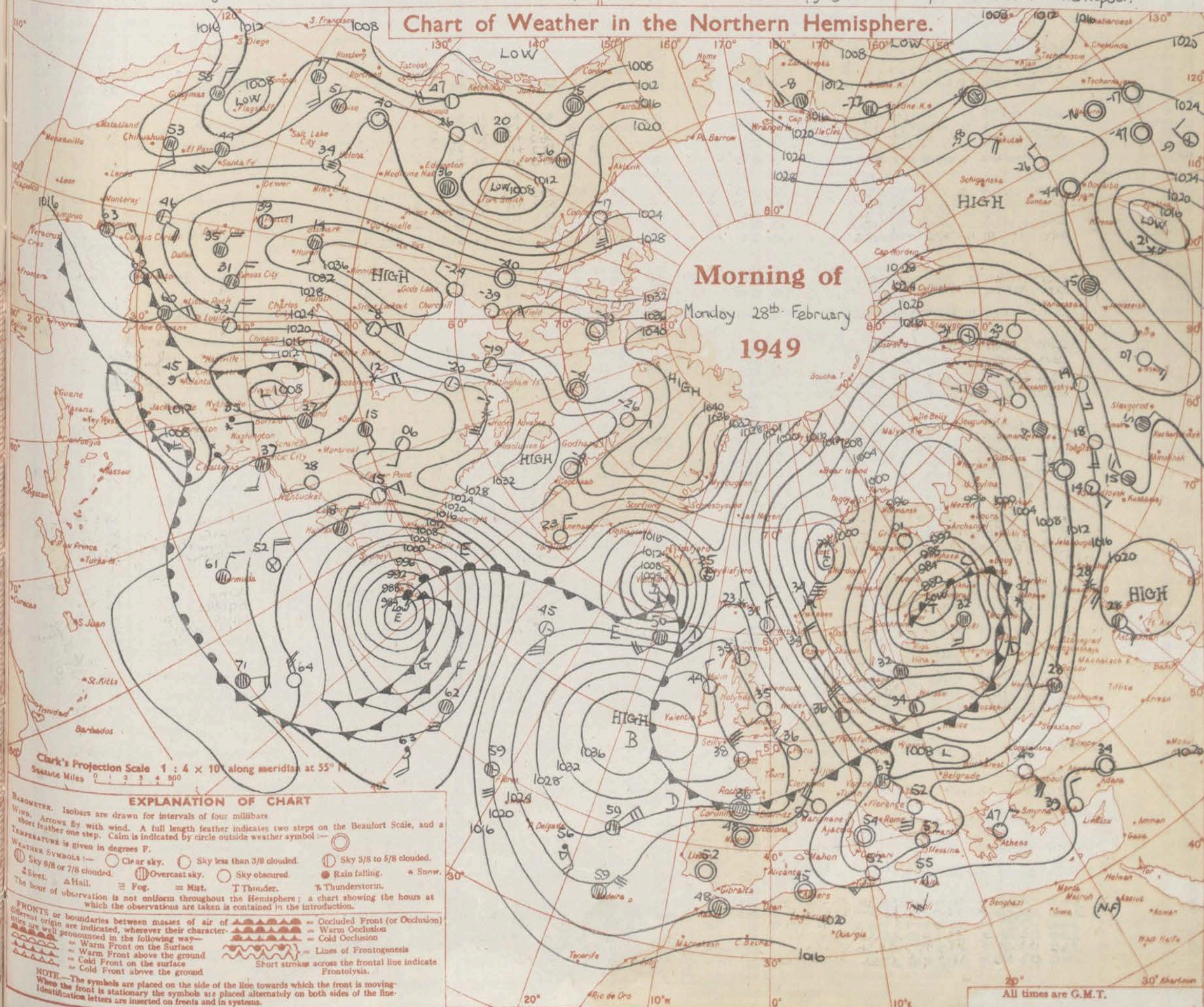
Cold and showery.

Gale Warning:-

↑ North cones are flying in the Orkneys and Shetlands, on East coasts from
 Whiten Head to Kinloss, from Whiten Head to Solway Firth and on
 North Irish coasts from Loch Foyle to Howth.
 ↓ South cones are flying on coasts from Kinloss to Hartlepool.

Morning of

Monday 28th February
1949



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON

Monday 28th February 1949
No. 31875

[illegible]

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