

# THE DAILY WEATHER REPORT

BRITISH SECTION

1st April to 30th June,

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 989.4 and 1021.5 are printed as 89.4 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 (II)—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 (Cl)—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 (Cm)—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 Altopcumulus of unchanging elements; at a single level.
- 4 Semi-transparent Altopcumulus in patches; elements continually changing; possibly at more than one level.
- 5 Semi-transparent Altopcumulus in bands or in an increasing layer.
- 6 Altopcumulus formed by spreading out of Cumulus.
- 7 Any of the following:—
  - (a) Double-layered Altopcumulus not increasing.
  - (b) Thick layer of Altopcumulus not increasing.
  - (c) Altostratus and Altopcumulus both present.
- 8 Altopcumulus tufted or turretted.
- 9 Altopcumulus at different levels giving chaotic appearance to the sky. (Patchy dense Cirrus usually present).

## Form of High Cloud (Cn)—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<sub>n</sub> 1 and C<sub>n</sub> 8.)

## Cloud Form Abbreviations

Cirrus—Ci: Stratocumulus—Sc:  
Cirrostratus—Cs: Stratus—St:  
Altopcumulus—Ac: Nimbostratus—Ns:  
Altostratus—As: Cumulus—Cu:  
Cumulonimbus—Cb:

## Code for State of Sea (S)—

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

## Rainfall—Columns 37, 41.

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

## Beaufort Notation and Symbol for Weather—

Columns 4, 20, and 34 on page 1, and 1, 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.
- f<sub>s</sub>, low fog over sea (coast station).
- f<sub>l</sub>, low fog over land (inland station).
- m, mist, visibility 1100-2200 yds.
- h, hail. i, intermittent.
- h(r), "hail" or "rain and hail."
- jp, 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, hard frost. y, dry air.
- z, dist haze: the turbid atmosphere of dry weather.

Capital letters indicate intense; suffix, indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r<sub>s</sub>, slight rain. rr, continuous rain. <, less than (for cloud height).  
☉, 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. 515, 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 fiftths 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	125	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 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.



[illegible]

0. London.	4. Midlands, W. Gloucester. Hereford. Worcester. Shropshire. Stafford.	8. England, N.W. Cheshire. Lancashire. Westmorland. Cumberland.	11. Scotland, S.E. (cont.) Linlithgow. Clackmannan. 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, Beaulie and Laing to Mel- vich).	16. Orkneys and Shetlands.	19. Ireland, S.E. Waterford. Wexford. Kilkenny. Carlow. Wicklow. Offaly. Leix. Kildare. Dublin.
2. England, E. Essex. Middlesex. Hertford. Bedford. Huntingdon. Cambridge. Norfolk. Lincoln.	5. England, S.W. Dorset. Somerset. Devon. Cornwall.	9. Midlands, N. Derby. Yorkshire, W. Yorkshire, N.E.	12. Scotland, S.W., and Isle of Man.	14. Mid Scotland. Perth.	17. Ireland, N.W. Galway. Roscommon. Mayo. Sligo. Leitrim.	20. Ireland, S.W. Cork. Kerry. Limerick. Tipperary. Clare.
3. Midlands, E. Buckingham. Oxford. Northampton. Warwick. Leicester. Rutland. Nottingham.	6. Wales S. & Mon. Monmouth. Glamorgan. Brecknock. Cardiff. Pembroke. Cardigan. Radnor.	10. England, N.E. Yorkshire, N. & E. Durham. Northumberland.	15. Scotland, N.E. Kincardine. Aberdeen. Banff. Elgin. Nairn. Caithness. Eastern parts of Inverness, Ross, Sutherland	18. Ireland, N.E. Meath. West Meath. Longford. Cavan. Fermanagh. Monaghan. Louth. Armagh. Down. Antrim. Londonderry. Tyrone. D.		
	7. Wales, N. Montgomery. Merioneth. Flint. Denbigh. Carmarvon. Anglesey.	11. Scotland, S.E. Roxburgh. Selkirk. Peebles. Berwick. Haddington. Edinburgh.	13a. 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.*



## Exceptionally sunny in South. Extreme heat at Easter.

Weather was generally unsettled for the first week and was afterwards mainly fine and bright in the South and dry on the whole except in the extreme north west.

At the beginning of the month there was a southeast current with much morning fog in the East and Midlands, but this soon changed to a stormy southwest type and a deep depression off our northwest coasts gave widespread gales and rain on 3<sup>rd</sup> - 4<sup>th</sup>. Eskdalemuir had 41mm of rain in the 24 hours ending at 09.00 on 4<sup>th</sup>. A complex depression crossed the British Isles on 5<sup>th</sup> - 6<sup>th</sup> with considerable rainfall in some areas especially Wales and Northern England. On 7<sup>th</sup> - 8<sup>th</sup> there was a cold northwest current with wintry showers and local thunder. Snow occurred locally especially in the North.

On 9<sup>th</sup> the centre of an anticyclone crossed Southern England and began a long spell of predominantly fine weather in that area. Screen frost occurred widely early on 9<sup>th</sup> and locally early on 10<sup>th</sup>. By 11<sup>th</sup> day temperatures reached 64° at a number of places. A southwest low type was renewed but rainfall was very small in the South and a fine warm spell commenced on 14<sup>th</sup>. An anticyclone moved northeast from France and combined with another over Northwest Russia to produce a large system over the South Baltic on 16<sup>th</sup>. This led to a warm southeast current from Southeast France, where anticyclonic weather and rising temperatures had prevailed for several days. On 15<sup>th</sup> (Good Friday) temperature exceeded 70°F over a large area and reached 76°F in parts of London. On 16<sup>th</sup> the

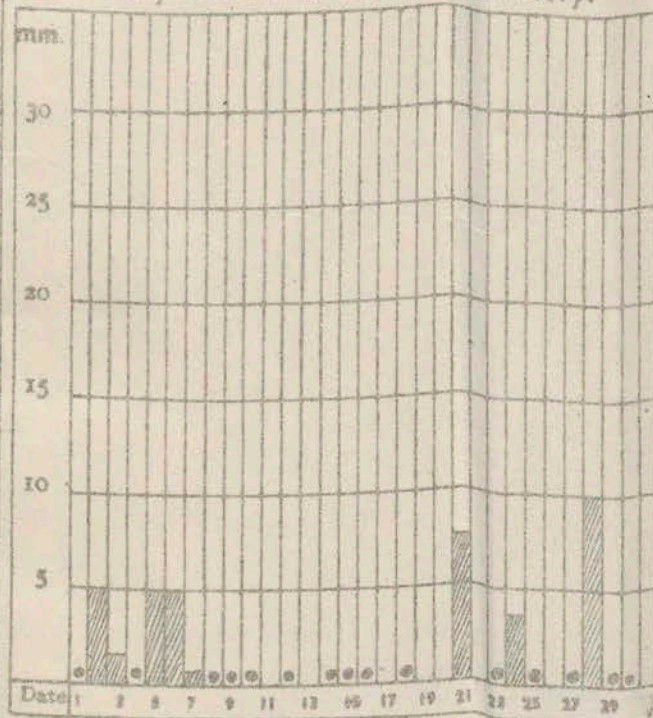
remarkable maximum of 85°F was recorded at Camden Square, and 84°F at Greenwich and Kensington. The Greenwich figures were the highest recorded in April since observations began in 1841. On 17<sup>th</sup> and 18<sup>th</sup> temperature was lower but still well above average in most districts. Over a substantial area in the Southeast the Easter period was the warmest and probably the sunniest on record. In the West and North it was less outstanding but it was mainly fair.

From 19<sup>th</sup> onwards an anticyclone to the North of the Azores was a dominant feature, and associated wedges gave long sunny periods in the South. There were also some troughs, the most important being one on the 21<sup>st</sup> when 7 to 9mm. of rain fell and a second on the 28<sup>th</sup> when Shrewsbury had 18mm, Calshot and London Airport 11mm, Lymington and Kew 10mm, and Ross-on-Wye and Dunstable 9mm., of very welcome rain. In the North an unsettled westerly type predominated. There were some cold outbreaks from Northwest, with occasional ground frost in most areas, but not of a severe type.

The month was very sunny in the eastern half of Great Britain, sunshine amounts being well above average. In Ireland and the extreme western half of Great Britain the reverse was the case, sunshine amounts being well below average at many places.

In west and southwest Scotland rainfall was well above average, the excess being 72mm. at Eskdalemuir. In Eastern Scotland, however, it was well below normal. Elsewhere rainfall was very variable, exceeding the normal by 17mm. at Birmingham and Ross-on-Wye but being 25mm. below normal at Falmouth.

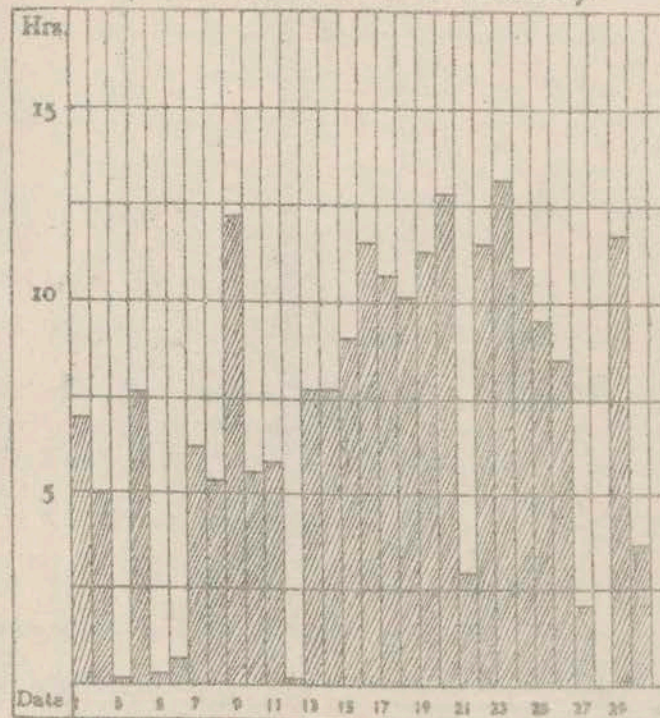
Daily Rainfall at KEW Observatory.



0 = less than 0.5 mm.

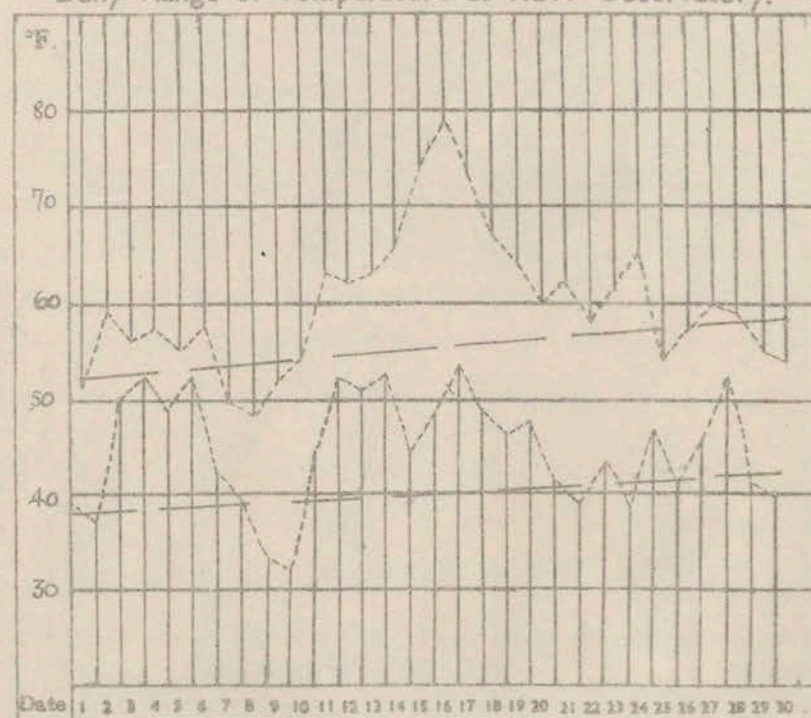
RAINFALL. Total for Month. 38 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 211 hrs.

Daily Range of Temperature at KEW Observatory.



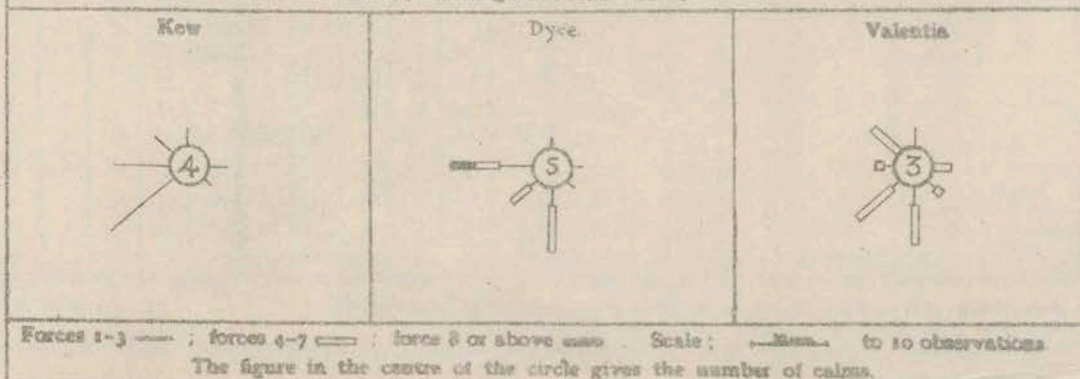
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

## MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb 1017.0	mb. +3.6	°F. 52.2	+5.1
Dyce	1008.8	-2.7	47.3	+5.3
Valentia	1015.6	+1.7	50.1	+5.9

\* Pressure—The mean is for the 24 hours. It is derived from values at 6 h. and 18 h. daily 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 anemographs.

	miles
Kew	7410
Lerwick	14349



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

District.	STATIONS.	†TEMPERATURE.														LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																
		Number of daily readings within fixed limits.										Extremes—Warmest and Coldest	Number of Ground Frosts.	Number of observations within fixed limits.						Number of observations within fixed limits.																		
		Maximum.					Average Maximum.	Minimum.						Average Minimum.	Days.			Nights.			9 h.		15 h.		21 h.		9 h.			15 h.								
		33° to 41°	42° to 50°	51° to 59°	60° to 68°	69° to 77°		78° to 86°	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.				
																																			Date.	Date.	Date.	Date.
1	London (Kew Obsy).	0	2	14	11	2	1	54.0	1	10	12	7	0	0	40.8	79	16	48	8	53	17	32	10	7	1	22	0	0	25	0	1	20	0	0	0	0	15	
1	Croydon	0	2	13	11	3	1	54.3	2	9	15	4	0	0	39.9	81	16	48	8	52	28	30	9	5	7	13	1	1	23	0	2	15	1	0	0	0	0	21
1	Calshot	0	1	23	6	0	0	53.4	0	8	17	5	0	0	41.1	66	18	48	7	51	16	33	9	0	5	13	0	6	15	0	7	11	0	0	0	0	19	
1	Lympne	0	3	18	6	3	0	51.9	2	11	15	2	0	0	39.4	73	16	48	4	54	17	29	9	6	6	12	0	4	13	0	5	8	0	0	1	1	24	
2	Shoeburyness...	0	2	10	16	2	0	53.9	1	10	14	5	0	0	39.2	76	18	42	1	5	13	32	9	5	2	14	1	2	19	0	2	11	0	0	0	0	22	
2	Gorleston	1	4	11	13	1	0	50.7	0	11	14	5	0	0	40.6	73	18	40	1	53	28	34	9	3	2	19	0	1	19	0	1	16	0	0	0	0	14	
2	Waddington	0	3	14	10	3	0	53.4	1	14	11	4	0	0	37.6	79	16	43	7	51	12	30	9	5	3	15	1	2	22	0	3	15	0	0	0	0	24	
3	Birmingham (Edgbaston)	0	2	19	7	2	0	52.2	0	13	14	3	0	0	39.4	78	16	46	8	52	18	33	9	2	6	16	0	4	20	0	6	11	0	0	0	0	22	
4	Ross-on-Wye...	0	2	20	6	2	0	53.9	1	11	15	3	0	0	39.4	75	15	47	7	52	16	31	9	6	2	24	0	2	19	0	2	19	0	0	0	0	26	
5	The Lizard	0	2	27	1	0	0	*	0	5	23	2	0	0	*	60	15	48	7	52	3	37	9	*	4	20	0	4	18	0	5	21	0	0	0	1	21	
7	Holyhead (Valley)	0	9	19	2	0	0	50.1	0	8	22	0	0	0	42.4	63	1	45	8	49	12	31	9	4	5	23	0	4	23	1	7	10	6	0	0	0	0	22
8	Hawarden P	0	4	16	9	1	0	53.2	1	10	16	13	0	0	39.0	75	15	45	8	53	12	31	9	1	3	23	1	1	21	6	1	20	3	0	0	0	0	26
10	Tynemouth	1	5	14	10	0	0	49.3	0	11	15	3	0	0	39.7	67	27	41	1	54	13	34	9	1	1	28	1	0	30	0	1	29	0	0	0	0	23	
11	Leuchars	0	5	16	9	0	0	50.7	0	14	16	0	0	0	37.0	67	17	42	7	50	12	33	9	0	4	24	0	2	27	0	0	27	0	0	0	0	25	
12	Renfrew	0	5	21	4	0	0	51.9	1	16	13	0	0	0	37.0	66	15	45	1	49	12	32	6	13	9	19	0	3	26	0	3	23	0	0	0	0	18	
12	Eskdalemuir	0	12	16	1	1	0	49.0	6	11	13	0	0	0	33.9	69	15	43	7	48	13	28	20	10	10	20	0	5	25	0	8	22	0	0	1	0	23	
13	Stornoway	0	12	18	0	0	0	48.8	3	11	16	0	0	0	38.1	56	16	43	7	48	16	31	7	4	6	23	0	3	25	0	2	26	0	0	0	0	26	
15	Dyce	1	9	12	8	0	0	48.7	1	17	12	0	0	0	36.3	66	16	39	8	48	15	29	8	10	4	24	0	3	24	0	3	23	0	0	0	0	25	
18	Aldergrove	0	5	19	6	0	0	52.3	1	12	16	1	0	0	38.3	63	13	45	8	51	12	28	9	7	12	17	1	3	27	0	6	23	0	0	0	0	26	
19	Birr Castle	0	2	22	6	0	0	53.3	2	11	14	3	0	0	38.1	64	27	48	7	52	12	27	9	9	0	28	0	0	29	0	0	22	2	0	0	0	30	
20	Valentia (Cahirveen)	0	2	27	1	0	0	52.4	0	7	19	4	0	0	42.4	60	13	49	7	52	13	35	9	1	7	23	0	6	24	0	5	24	0	0	0	1	25	

## UPPER AIR TEMPERATURE.

Pressure mb.	Time Month.	UPPER AIR TEMPERATURE.										UPPER WINDS.																				Pressure mb.										
		BIRKENHEAD		ALDERGROVE		CAMBORNE		LARKHILL		DOWNHAM MARKET		LIVERPOOL		VALENTIA		No. of records of Velocity (knots) within fixed limits.										LARKHILL																
		Reported (30)		Reported (30)		Reported (30)		Reported (30)		Reported (30)		Reported (30)		Reported (30)		LARKHILL (30 Reports) (0.3h)										DOWNHAM MARKET (30 Reports) (0.3h)																
		Normal Temp. °F.	Mean Temp. °F.	Normal Temp. °F.	Mean Temp. °F.	Normal Temp. °F.	Mean Temp. °F.	Normal Temp. °F.	Mean Temp. °F.	Normal Temp. °F.	Mean Temp. °F.	Normal Temp. °F.	Mean Temp. °F.	Normal Temp. °F.	Mean Temp. °F.	0 to 15	16 to 35	36 to 55	56 to 75	76 to 95	96 to 195	0 to 15	16 to 35	36 to 55	56 to 75	76 to 95	96 to 195	0 to 15	16 to 35	36 to 55	56 to 75	76 to 95	96 to 195	0 to 15	16 to 35	36 to 55	56 to 75	76 to 95	96 to 195			
Surf.					45.3		47.7		44.1		45.1		40.8		52.7	25	5	0	0	0	0	0	0	0	28	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Surf.
900	3.240	36.8		36.8	37.3	40.3	41.5	41.7		32.9	39.5		32.9	32.4		10	15	4	1	0	0	0	0	0	10	15	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	900
800	6.390	27.3		29.2	29.1	35.1	34.3	34.3		23.9	32.4		23.9	32.4		5	17	6	2	0	0	0	0	0	7	15	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	800
700	9.876	17.2		19.9	19.9	25.3	23.8	23.7		13.6	23.9		13.6	23.9		4	19	4	3	0	0	0	0	0	2	19	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	700
600	13.792	4.5		46.6	7.8	12.3	10.6	10.3		1.1	11.8		1.1	11.8		5	14	10	1	0	0	0	0	0	5	12	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	600
500	18.273	-12.0		-10.0	-8.6	-4.2	-4.8	-5.8		-15.4	-2.7		-15.4	-2.7		5	11	11	2	1	0	0	0	0	5	9	12	4	0	0	0	0	0	0	0	0	0	0	0	0	0	500
400	23.561	-33.4		-29.9	-23.8	-25.3	-27.0		-35.4	-22.2		-35.4	-22.2		4	11	8	3	2	2	4	4	6	10	9	1	0	1	4	13	8	3	1	0	5	9	11	3	2	4	400	
300	30.049			-53.0	-52.3	-50.3	-52.7		-55.8	-47.3		-55.8	-47.3		0	7	11	6	2	4	3	4	10	9	2	2	1	2	8	10	4	5	0	5	5	7	6	6	6	300		
200	38.640			-69.2	-75.4	-73.7	-71.3		-62.2	-61.1		-62.2	-61.1		1	11	8	4	3	0	2	6	10	7	2	0	0	5	11	9	2	2	0	5	10	8	1	1	2	200		

†The readings used are the maximum for the period 09 h-21 h and the minimum for the period 21 h-09 h. Averages are for periods 07 h-18 h and 18 h-07 h, and are based on data covering at least 10 years (see M.O. 364).

METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON, W.C.2.  
NELSON K. JOHNSON, K.C.B., D.Sc., Director



## SUNSHINE, RAINFALL, AND HUMIDITY

APRIL, 1949

Page 5

District.	Stations.	SUNSHINE.												RAINFALL.														Days with Thunder.	Days with Snow or Sleet.							
		Number of Days with Duration.					Maximum Duration.		Total for past 12 months Difference from average	Total for Month.	Difference from average	Highest and Lowest Totals on record for Month.				Number of days with amount.					Maximum fall in 24 hours.		Total for past 12 months. Difference from average	Total for Month. Difference from average	Highest and Lowest Totals on record for Month.											
		Nil.					Hours.	Date.				First year of record.	Highest. Year.	Lowest. Year.	0. trace of 0.1 mm.					mm.	Date.	First year of record.			Highest. Year.	Lowest. Year.										
			0.1-0.9h.	1-4h.	5-9h.	Above 9h.										0.1-0.9 mm.	1-4 mm.	5-9 mm.	10-14 mm.								Above 14 mm.									
1	London (Kew Obsy).	1	6	5	7	11	13.1	23	1448	-21	211	+65	1880	244	1893	79	1920	19	4	4	3	0	0	10	28	485	-121	37	8	1856	101	1878	1	1912	0	0
1	Croydon	3	2	5	7	13	13.4	23	1761	+236	222	+89	1922	236	1948	101	1941	21	1	6	2	0	0	13	28	576	-103	39	-3	1921	104	1926	4	1938	0	0
1	Calshot **	3	4	2	5	16	13.5	23	2007	+241	228	+69	1881	256	1948	118	1931	21	2	3	4	0	0	13	5	598	-48	49	+12	1871	75	1926	0	1938	0	0
1	Lympe	4	1	4	5	13	13.3	23	1872	+107	226	+65	1921	251	1942	131	1931	16	7	5	2	0	0	13	6	541	-183	37	-5	1920	91	1935	13	1938	0	0
2	Shoeburyness ...	2	3	9	4	12	12.6	23	1698	-18	209	+48	1919	227	1921	94	1937	18	5	4	3	0	0	7	28	399	-104	34	+3	1920	99	1926	5	1938	0	0
2	Corleston ...	3	5	5	5	12	12.7	20	1657	+14	200	+36	1908	268	1909	69	1937	19	3	5	3	0	0	7	21	501	-121	37	-1	1871	100	1871	3	1893	0	0
2	Waddington †	1	9	5	7	8	13.1	17	1516	-22	179	+38	1921	247	1942	84	1937	18	2	8	1	1	0	23	6	556	-34	50	+16	1917	110	1920	4	1938	2	0
3	Birmingham (Edgbaston)	2	8	4	10	6	13.1	17	1355	+51	162	+35	1887	233	1893	61	1891	17	4	6	2	1	0	23	6	446	-172	61	+17	1893	122	1940	3	1938	1	0
4	Ross-on-Wye ...	1	11	2	7	3	12.6	17	1594	+112	167	+25	1915	218	1938	72	1920	20	3	3	3	1	0	19	5	692	-25	65	+17	1899	143	1889	1	1938	0	0
5	Falmouth (Observatory)	4	6	4	5	11	13.3	30	1701	-9	184	-3	1881	272	1906	112	1931	16	6	5	3	0	0	19	2	829	-278	42	-25	1871	179	1882	1	1938	0	0
7	Holyhead (Valley)	5	5	6	8	6	12.1	30	1507	-43	154	-20	1914	240	1938	91	1920	15	7	4	4	0	0	11	5	751	-136	46	-1	1871	97	1908	5	1938	0	0
8	Hawarden †	6	3	10	10	1	13.1	30	1557	+181	166	+37	1923	208	1942	102	1931	14	6	8	1	0	1	26	6	629	-9	63	+26	1923	80	1937	5	1938	0	0
10	Tynemouth	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*	17	6	3	3	1	0	20	6	541	-80	35	+1	1915	110	1934	6	1938	1	0
11	Leuchers	3	4	4	11	8	11.9	17	1573	+103	186	+37	1922	215	1942	98	1937	19	6	4	1	0	0	7	7	692	+39	25	-15	1922	117	1934	2	1938	0	1
12	Renfrew	5	8	5	8	4	12.3	30	1251	+58	143	+10	1921	192	1942	73	1937	5	10	7	6	2	0	18	10	1257	+318	109	+52	1921	124	1925	18	1938	0	0
12	Eskdalemuir	6	7	3	5	4	9.7	29	1189	-12	116	-12	1910	197	1942	64	1937	7	7	8	5	1	2	41	3	1801	+372	163	+71	1910	191	1925	20	1918	0	4
13	Stornoway	2	13	7	7	1	9.6	1	1213	-2	113	-37	1881	216	1907	95	1944	3	7	13	7	0	0	12	15	1277	+76	106	+22	1870	172	1904	10	1891	0	5
15	Dyce	3	6	5	12	4	12.8	17	1456	+34	164	+6	1881	235	1906	78	1941	16	9	4	1	0	0	7	21	811	-2	24	-31	1871	156	1934	9	1946	0	2
18	Aldergrove	2	11	8	6	3	12.6	17	1267	-59	123	-30	1927	210	1942	57	1937	13	4	10	3	0	0	11	3	848	+10	49	-9	1926	88	1940	6	1938	1	2
19	Birr Castle	6	8	8	5	3	12.2	17	1071	-235	117	-35	1881	245	1914	70	1937	11	9	5	5	0	0	10	4	921	+194	58	+4	1881	121	1894	4	1938	0	0
20	Valentia (Cahirivoeen)	6	9	5	7	3	9.7	21	1205	-163	111	-50	1880	262	1938	75	1905	2	14	7	6	1	0	20	6	1310	-104	97	+9	1886	167	1901	2	1938	0	0

\* Extreme values are those for Aberdeen about 6 miles from Dyce.

† Rainfall at Valentia & Birr Castle, measured at 06 & 10h.

## MINIMUM SURFACE HUMIDITY.

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

STATIONS.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %
London (Kew) ...	0	0	1	2	4	6	8	8	1	0
Ross-on-Wye ...	0	0	2	5	4	5	9	3	2	0
Falmouth (Obsy.)	0	13	7	5	1	3	1	0	0	0
Renfrew	0	0	6	6	3	8	7	0	0	0
Eskdalemuir	0	1	3	7	3	7	7	2	0	0
Dyce	0	0	2	0	5	9	10	4	0	0
Valentia	0	1	7	7	10	5	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)...	12	18	0	0	0	0	0	0	0	0	0 Dry
Ross-on-Wye ...	16	14	0	0	0	0	0	0	0	0	1 Moist
Renfrew	9	18	4	0	0	0	0	0	0	0	2 Wet
Eskdalemuir	8	16	6	0	0	0	0	0	0	0	3 Bare and Frozen
Dyce	13	17	0	0	0	0	0	0	0	0	4 Glaze on Ground but no ice, slush or snow
Valentia (at 18h.)	3	27	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.

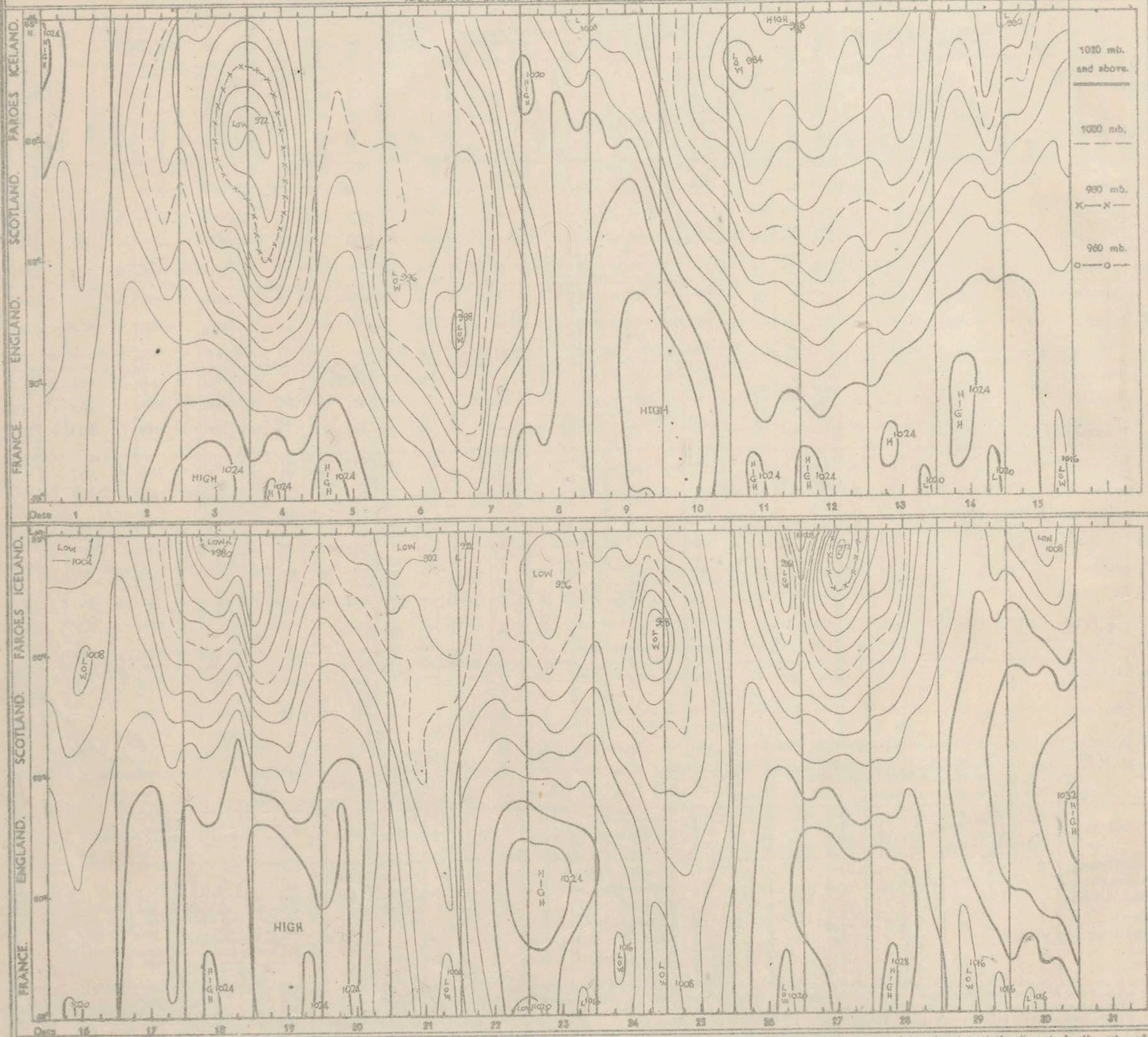
†† Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1 mm.



## PRESSURE: ICELAND TO GULF OF LIONS

APRIL, 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 00, 06, 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. 66° N., Long. 18° W. in the north; at Lat. 44° N., Long. 4° E. in the south.

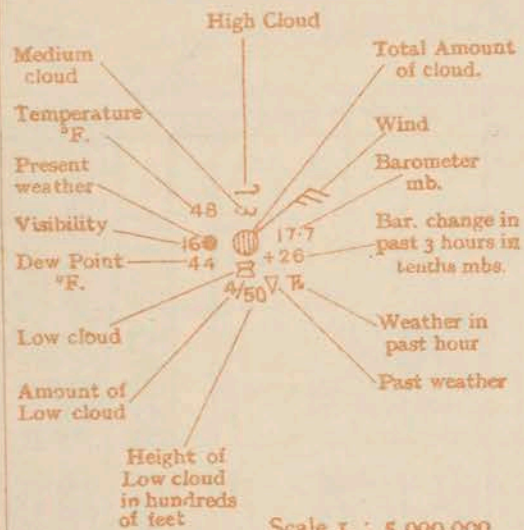


BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Friday 1st April 1949  
No. 31907

OBSERVATIONS at 12h. G.M.T. 31st March.																OBSERVATIONS at 18h. G.M.T. 31st March.																OBSERVATIONS during DAY (31st)						
District.	STATIONS. (For heights see p. 4)	Wind.		Visiblity (Code figure)	Present Weather.	Pressure.		Temp.		Cloud.						Wind.	Speed (kts.)	Visiblity (Code figure)	Present Weather.	Pressure.		Temp.		Cloud.						24h State of ground	Weather. 09 to 21 h.	Max. Temp. 09h. 21h. °F (35)	Sun- shine. 09h. 21h. amt. (36)	Rain 09h. 21h. amt. (37)				
		Direction (degrees)	Speed (kts.)			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Total amount.	Main layer.	Ht.	Lowest layer.	Bar at M.S.L.					Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Total amount.	Main layer.	Ht.	Lowest layer.	Ht.										
																													(1)						(2)	(3)	(4)	(5)
0	Kew ...	110	06	04	f	18.5	-10	43	39	6	-	-	8	8	07	-	-	110	03	04	f	16.8	-04	46	39	5	-	-	1	1	25	-	-	1	offcbf ofw	47	0.6	Tr
1	London Airport	050	05	04	off	18.6	-06	42	40	6	-	-	8	8	05	-	-	-	0	07	b	16.7	-07	46	42	-	-	-	0	0	0	-	-	1	omf bmf	47	-	-
	Lympne ...	060	07	05	off	18.4	-06	42	42	6	-	-	9	8	07	-	-	-	10	04	b	16.5	-07	44	39	-	-	-	0	0	0	-	-	1	Ofcmobmb2obmobf	51	4.3	-
	Tangmere ...	030	04	08	0	18.0	-06	42	41	6	-	-	8	8	05	-	-	-	02	08	c	16.2	-05	45	41	6	-	-	7	7	08	-	-	1	cmcbmbf	45	0.0	-
	Calshot ...	090	05	10	0	18.3	-02	43	41	6	-	-	8	8	06	-	-	-	040	03	09	0	16.8	-03	45	41	6	-	-	8	8	10	-	-	0	omoldeomoom	45	0.0
2	Boscombe Down	070	03	10	0	18.7	+07	41	40	6	-	-	8	8	03	-	-	050	03	12	0	17.1	-09	43	41	6	-	-	8	8	03	-	-	0	ofecfcmoc	44	0.0	-
	Felixstowe ...	090	09	10	0	19.1	+04	41	39	6	-	-	8	8	05	-	-	080	09	02	f+	17.7	-04	41	40	-	-	-	9	9	01	-	-	1	omoomofe	43	0.0	-
	Gorleston ...	070	05	04	f	19.3	-04	40	39	6	-	-	8	8	03	-	-	080	03	01	f+	18.6	-01	40	39	-	-	-	9	9	0	-	-	1	of	41	0.0	Tr
	West Raynham	090	07	12	off	19.3	-05	42	42	6	-	-	8	8	05	-	-	100	14	18	c	18.2	+00	43	41	6	-	-	7	7	04	-	-	0	offcmob2cmo off	51	3.8	-
3	Mildenhall ...	070	02	24	c	19.0	-08	46	41	6	-	-	7	7	10	-	-	090	03	48	b	17.0	-04	51	44	-	-	-	0	0	0	-	-	1	omocmobcb20cmo	55	5.2	-
	Cranfield ...	070	03	02	off	19.0	-07	40	39	6	-	-	8	8	03	-	-	020	02	14	b	17.0	-06	48	41	6	-	-	1	1	10	-	-	0	ofemmob2omf	48	2.3	-
	Honiley ...	060	10	07	0	19.4	-07	40	39	6	-	-	8	8	06	-	-	090	06	07	0	17.9	-01	41	40	6	-	-	8	8	06	-	-	0	om	42	0.0	-
	Wittering ...	070	05	11	0	19.2	-07	41	40	6	-	-	8	8	04	-	-	050	07	14	b	17.1	-10	48	40	-	-	-	0	0	0	-	-	1	ofomomob20of	46	0.0	-
4	Watnall ...	100	02	03	f-	19.5	-08	39	39	-	-	-	9	9	0	-	-	-	0	08	0	18.0	-08	41	39	6	-	-	8	8	05	-	-	1	offe	41	1.2	-
	Little Rissington	070	08	00	f	18.4	-10	38	38	-	-	-	9	9	0	-	-	110	07	03	f+	17.0	-06	40	40	-	-	-	9	9	0	-	-	0	offe	40	0.0	-
	Ross-on-Wye	070	05	08	off	19.4	-06	41	40	6	-	-	8	8	03	-	-	110	03	0	0	17.6	-05	43	40	6	-	-	8	8	06	-	-	0	ofom	43	0.0	-
	Shawbury ...	130	05	08	off	18.9	-10	41	38	6	-	-	8	8	06	-	-	100	02	08	0	17.0	-02	43	39	6	-	-	8	8	07	-	-	0	om dof	45	0.0	Tr
5	Bristol ...	090	02	07	0	18.3	-11	42	40	6	-	-	8	8	02	-	-	050	02	06	0	16.8	-05	42	41	6	-	-	8	8	05	-	-	0	cdocm	43	0.0	Tr
	Exeter ...	130	05	06	0	17.9	-09	45	42	6	-	-	8	8	01	-	-	180	05	06	0	16.1	-04	45	43	6	-	-	6	4	08	-	-	0	ofodcom	48	0.0	-
	Portland Bill	080	05	04	f	18.3	-04	44	42	-	-	-	9	9	0	-	-	080	05	05	f	16.5	-05	44	42	-	-	-	9	9	0	-	-	0	ff	45	-	-
	Plymouth ...	090	15	08	c	16.3	-11	48	44	6	-	-	7	7	06	-	-	090	11	16	z	14.3	-08	47	42	-	-	-	1	1	-	-	-	0	ofcmcb2obmobcmo	52	6.4	-
6	Chivenor ...	110	16	12	2	16.8	-12	47	41	6	-	-	7	7	08	-	-	110	10	10	z	14.8	-08	51	46	-	-	-	0	0	0	-	-	0	cm b2g bmn	55	6.5	-
	St. Eval ...	120	09	14	2	16.2	-09	52	46	6	-	-	1	06	-	-	-	120	07	20	z	14.5	-06	49	45	-	-	-	1	1	-	-	-	0	ommb2obmo	54	7.8	0.0
	Lizard ...	100	17	12	0	15.5	-05	47	45	6	-	-	8	8	03	-	-	080	17	12	z	12.9	-06	46	45	6	-	-	8	8	08	-	-	0	om	48	10.0	-
	Scilly, St. Mary's	100	20	16	0	14.9	-04	49	46	6	-	-	8	8	06	-	-	110	20	08	0	12.0	-10	48	46	6	-	-	8	8	06	-	-	0	omc	51	0.0	-
7	Guernsey ...	070	13	07	off	16.5	-10	46	45	6	-	-	7	7	01	2	00	050	10	10	bc	14.5	-11	46	44	6	-	5	3	2	03	-	-	0	offcmcbmw	48	0.0	-
	Aberporth ...	050	05	24	b	16.7	-03	46	41	-	-	-	0	0	0	-	-	070	03	24	b	14.8	-07	45	40	-	-	-	0	0	0	-	-	0	bcfbcb20mo	49	8.7	-
	Pembroke ...	130	16	14	2	17.0	-08	44	42	6	-	-	8	8	10	-	-	110	12	12	z	14.4	-16	46	43	-	-	-	0	0	0	-	-	0	omg bmg bmn	47	2.2	-
	Holyhead (Valley)	060	02	08	0	17.6	-08	49	44	6	-	-	8	8	02	-	-	020	07	10	z	15.2	-08	48	45	-	-	-	0	0	0	-	-	0	cmcbcmo	52	4.5	-
8	Manchester ...	200	03	16	2	18.6	-15	46	38	-	-	-	0	0	0	-	-	230	08	08	z	16.7	-04	44	40	-	-	-	0	0	0	-	-	1	cmob20b2bm	51	5.0	-
	Squires Gate...	150	12	11	b	18.6	-1																															



## STATION MODEL



6h Friday 1st April.

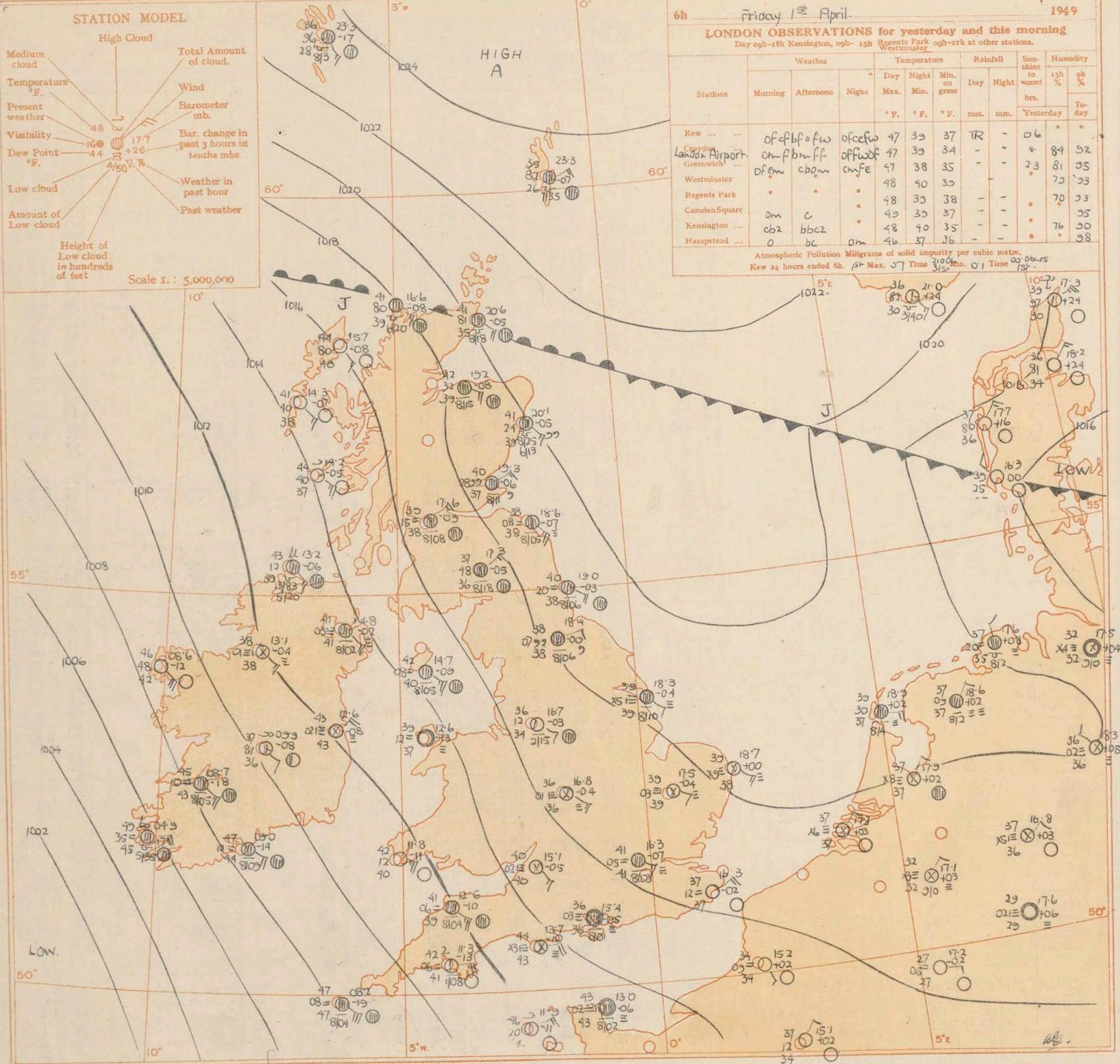
1949

## 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	Night	Min. on grass	Day	Night		15h %	9h %
				° F.	° F.	° F.	mm.	mm.		Yesterday	To-day
Kew ...				47	39	37	TR	-	0.6	*	*
Croydon	of cfbf of w	of cfbf of w	of cfbf of w	47	39	34	-	-	*	84	92
London Airport	omfbmff	omfbmff	omfbmff	47	38	35	-	-	2.3	81	95
Greenwich	of em	cbom	cmfe	48	40	35	-	-	*	75	93
Westminster	.	.	.	48	39	38	-	-	*	70	93
Regents Park	.	.	.	49	39	37	-	-	*	76	90
Camden Square	om	c	.	46	37	36	-	-	*	98	
Kensington	cb2	bbc2	.	46	37	36	-	-	*	98	
Hampstead	o	bc	om	46	37	36	-	-	*	98	

Atmospheric Pollution Miligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 1st Max. 57 Time 3.15 Min. 0.1 Time 1.15





# GENERAL INFERENCE

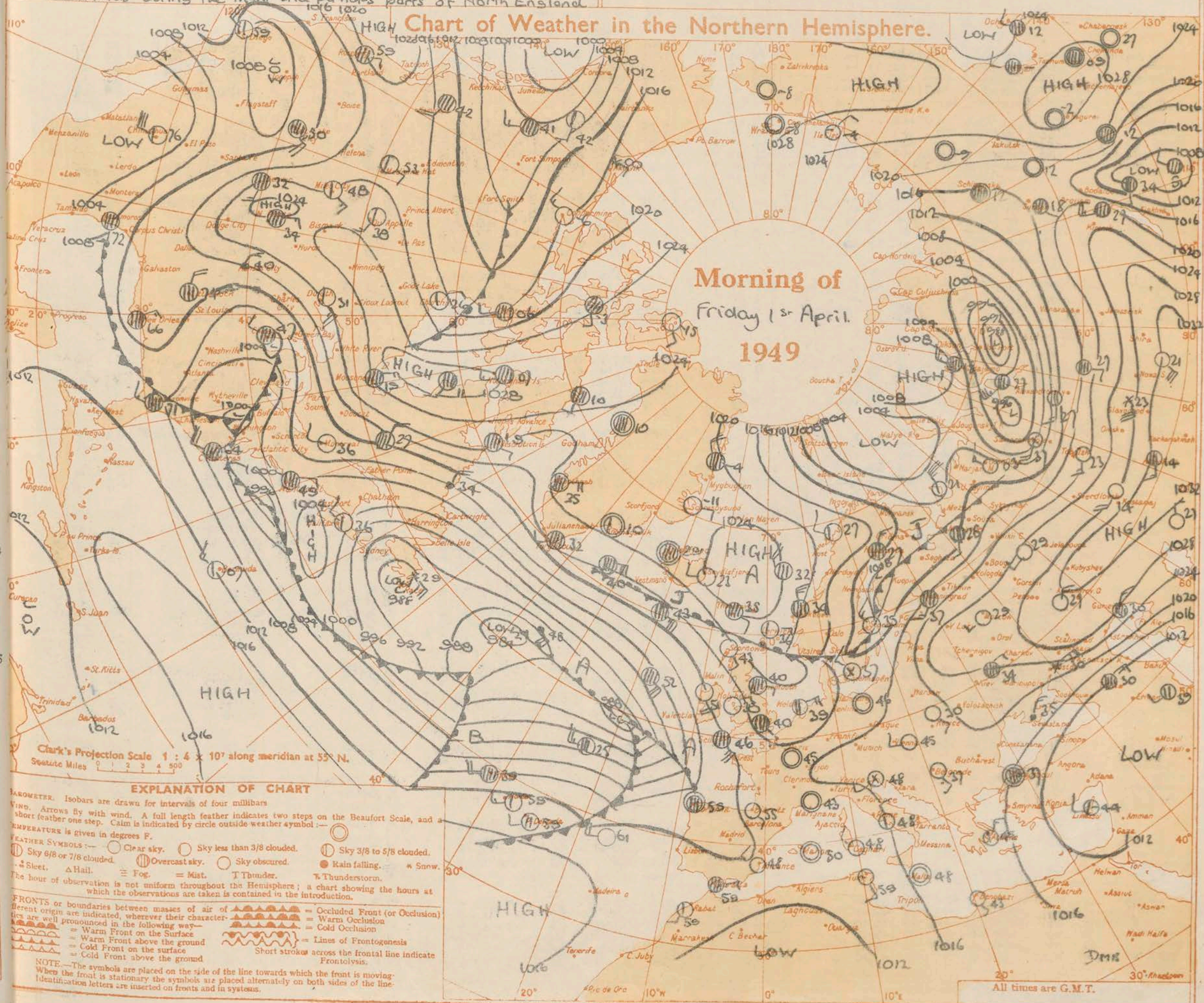
An anticyclone north of the Shetlands is moving east-southeast and a trough of low pressure off our southwest districts is moving steadily Northeast. A deepening depression north of the Azores is expected to be near our southwest districts on Saturday morning. Bright weather will extend to many parts of the Midlands and South and also Northwest England and Western Scotland this afternoon but it will remain dull with local drizzle in Northeast England and Eastern Scotland. Rain will spread to Southwest England this afternoon and extend northeast to reach Southeast England and Midlands during the night and perhaps parts of North England.

# FURTHER OUTLOOK

tomorrow morning. Further rain is expected in Southwest England later tonight or tomorrow morning spreading Northeast during the day. East to Southeast winds will freshen and may become strong to gale force in parts of England tomorrow. Temperatures will be around normal values for time of year in the South and West but it will be rather cold in the Northeast. Further Outlook:- Unsettled with strong winds and some rain in many parts of England. Little change in Scotland.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 1<sup>st</sup> April.  
1949



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 0 2 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. — 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 characteristics are well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground. — Occluded Front (or Occlusion). — Warm Occlusion. — Cold Occlusion. — Lines of Frontogenesis. — Short strokes across the frontal line indicate Frontolysis.  
**NOTE.**—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 1<sup>st</sup> April 1949

No. 31997

[illegible]

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

\* Information not usually received

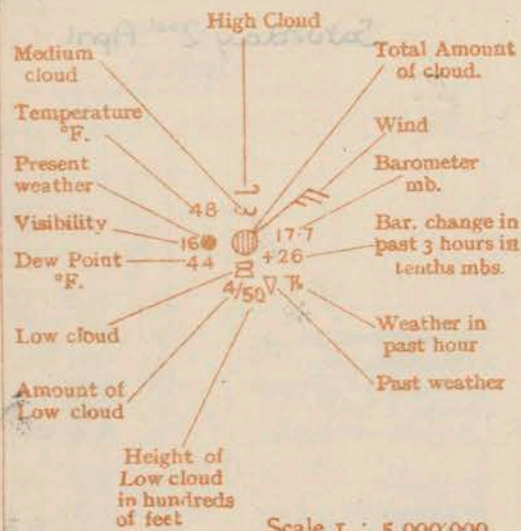


BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Saturday 2nd April 1949  
No. 31908

OBSERVATIONS at 12h. G.M.T. 1st April																	OBSERVATIONS at 18h. G.M.T. 1st April																	OBSERVATIONS during DAY (1st)			
Dissect.	STATIONS. (For heights see p. 4)	Wind.		Pressure. Bar at M.S.L.	Temp. Dry Bulb.	Cloud. Form. Amount. Main layer. Lowest layer.	Wind. Direction (degrees).	Speed (kts.).	Visibility (Code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Temp. Dry Bulb.	Cloud. Form. Amount. Main layer. Lowest layer.	24 h State of ground	Weather. 09 to 21 h.	Max Temp. 09h. 21h. °F	Sun- shine. 21h. min.	Rain (09h. 21h. inches)																		
		Direction (degrees).	Speed (kts.).																	Form.	Amount.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Visibility (Code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Temp. Dry Bulb.	Cloud. Form. Amount. Main layer. Lowest layer.	24 h State of ground					
																																	(1)	(2)	(3)	(4)	(5)
0	Kew	070	12	07	15.1	-14	49	42	-	-	-	-	-	-	-	-	-	-	-																		
1	London Airport	080	09	08	15.2	-13	51	43	-	-	-	-	-	-	-	-	-	-	-																		
	Lymington	080	13	24	15.4	-13	53	43	-	-	-	-	-	-	-	-	-	-	-																		
	Tangmere	130	23	28	14.4	-12	58	44	-	-	-	-	-	-	-	-	-	-	-																		
	Calshot	110	20	18	13.7	-06	53	42	-	-	-	-	-	-	-	-	-	-	-																		
2	Boscombe Down	090	14	40	14.3	-12	58	41	-	-	-	-	-	-	-	-	-	-	-																		
	Felixstowe	100	10	07	17.6	-04	41	40	6	-	-	-	-	-	-	-	-	-	-																		
	Gorleston	110	09	24	18.7	-03	39	38	6	-	-	-	-	-	-	-	-	-	-																		
	West Raynham	120	14	14	17.5	-07	41	40	6	-	-	-	-	-	-	-	-	-	-																		
	Mildenhall	080	04	24	17.2	-08	45	42	6	-	-	-	-	-	-	-	-	-	-																		
3	Cranfield	090	15	24	16.0	-12	50	42	6	-	-	-	-	-	-	-	-	-	-																		
	Honiley	110	10	16	16.0	-10	45	41	6	-	-	-	-	-	-	-	-	-	-																		
	Wittering	130	06	07	16.9	-12	42	41	6	-	-	-	-	-	-	-	-	-	-																		
	Watnall	080	07	04	17.1	-07	41	39	6	-	-	-	-	-	-	-	-	-	-																		
4	Little Rissington	130	17	24	14.7	-12	49	45	-	-	-	-	-	-	-	-	-	-	-																		
	Ross-on-Wye	070	08	24	15.2	-11	47	41	6	-	-	-	-	-	-	-	-	-	-																		
5	Shawbury	130	08	13	15.7	-06	44	39	6	-	-	-	-	-	-	-	-	-	-																		
	Bristol	090	03	16	13.2	-16	55	45	-	-	-	-	-	-	-	-	-	-	-																		
	Exeter	070	04	12	11.8	-13	53	47	-	-	-	-	-	-	-	-	-	-	-																		
	Portland Bill	080	19	40	12.2	-15	48	46	-	-	-	-	-	-	-	-	-	-	-																		
	Plymouth	090	18	16	09.9	-07	50	45	-	-	-	-	-	-	-	-	-	-	-																		
6	Chivenor	100	15	24	10.8	-14	51	44	-	-	-	-	-	-	-	-	-	-	-																		
	St. Eval	130	13	32	09.4	-07	55	47	-	-	-	-	-	-	-	-	-	-	-																		
	Lizard	090	18	08	09.0	-06	48	48	6	-	-	-	-	-	-	-	-	-	-																		
	Scilly, St. Mary's	110	22	12	07.1	-05	50	48	6	-	-	-	-	-	-	-	-	-	-																		
	Guernsey	130	08	28	10.8	-08	57	45	-	-	-	-	-	-	-	-	-	-	-																		
7	Aberporth	130	13	48	10.5	-09	59	46	-	-	-	-	-	-	-	-	-	-	-																		
	Pembroke	120	21	10	10.5	-16	50	43	-	-	-	-	-	-	-	-	-	-	-																		
	Holyhead (Valley)	-	0	24	11.6	-06	61	42	-	-	-	-	-	-	-	-	-	-	-																		
	Manchester	070	08	16	15.5	-11	54	41	-	-	-	-	-	-	-	-	-	-	-																		
	Squires Gate...	110	12	11	15.7	-10	52	43	-	-	-	-	-	-	-	-	-	-	-																		
8	Silloth	080	16	36	14.8	-10	50	41	-	-	-	-	-	-	-	-	-	-	-																		
	Finningley	130	10	10	17.7	-04	41	39	6	-	-	-	-	-	-	-	-	-	-																		
	Spurn Head	130	05	12	18.2	-01	41	40	6	-	-	-	-	-	-	-	-	-	-																		
	Leeming	140	06	08	17.6	-06	41	40	6	-	-	-	-	-	-	-	-	-	-																		
	Tynemouth	130	17	24	18.8	-04	41	37	6	-	-	-	-	-	-	-	-	-	-																		
9	St. Abb's Head	130	19	04	16.1	-09	39	39	6	-	-	-	-	-	-	-	-	-	-																		
	Leuchars	100	13	10	18.4	-07	41	41	-	-	-	-	-	-	-	-	-	-	-																		
	Eskdalemuir...	030	05	36	16.2	-12	42	36	6	-	-	-	-	-	-	-	-	-	-																		
	Prestwick	070	17	40	15.6	-11	46	38	4	-	-	-	-	-	-	-	-	-	-																		
	West Freugh...	130	14	32	14.3	-09	47	38	5	-	-	-	-	-	-	-	-	-	-																		
10	Ronaldsway	090	17	16	14.1	-10	44	40	6	-	-	-	-	-	-	-	-	-	-																		
	Tiree	130	21	80	13.8	-07	50	39	-	-	-	-	-	-	-	-	-	-	-																		
	Benbecula	150	22	81	13.5	-06	52	38	-	-	-	-	-	-	-	-	-	-	-																		
	Stornoway	160	10	56	14.3	-13	49	41	-	-	-	-	-	-	-	-	-	-	-																		
	Cape Wrath	090	19	82	15.0	-13	47	38	-	-	-	-	-	-	-	-	-	-	-																		
11	Sule Skerry	120	24	81	16.9	-20	42	40	5	-	-	-	-	-	-	-	-	-	-																		
	Loch Rannoch	150	12	18	19.5	-08	41	38	7	-	-	-	-	-	-	-	-	-	-																		
	Dyce	130	14	56	17.9	-09	45	37	5	-	-	-	-	-	-	-	-	-	-																		
	Lossiemouth...	130	14	56	17.9	-09	45	37	5	-	-	-	-	-	-	-	-	-	-																		
	Wick	120	20	64	19.5	-10	42	35	6	-	-	-	-	-	-	-	-	-	-																		
12	Lerwick	110	12	82	22.2	-18	42	30	1	-	-	-	-	-	-	-	-	-	-																		
	Blacksod Point	160	30	32	07.7	-02	51	44	-	-	-	-	-	-	-	-	-	-	-																		
	Malin Head	090	05	19	12.4	-06	48	39	-	-	-	-	-	-	-	-	-	-	-																		
	Aldergrove	100	29	14	13.0	-16	47	41	6	-	-	-	-	-	-	-	-	-	-																		
	Castle Archdale	110	17	12	11.1	-13	48	42	6	-	-	-	-	-	-	-	-	-	-																		
13	Birr Castle	110	09	81	08.3	-14	53	44	5	-	-	-	-	-	-	-	-	-	-																		
	Collinstown	080	13	18	11.5	-11	49	44	-	-	-	-	-	-	-	-	-	-	-																		
	Rineanna	100	19	14	07.7	-08	49	43	5	-	-	-	-	-	-	-	-	-	-																		
	Valentia	100	25	56	04.4	-09	53	48	5	-	-	-	-	-	-	-	-	-	-																		
	Midleton	090	13	10	08.1	-07	49	45	6	-	-	-	-	-	-	-	-	-	-																		



## STATION MODEL



6h Saturday 2nd April.

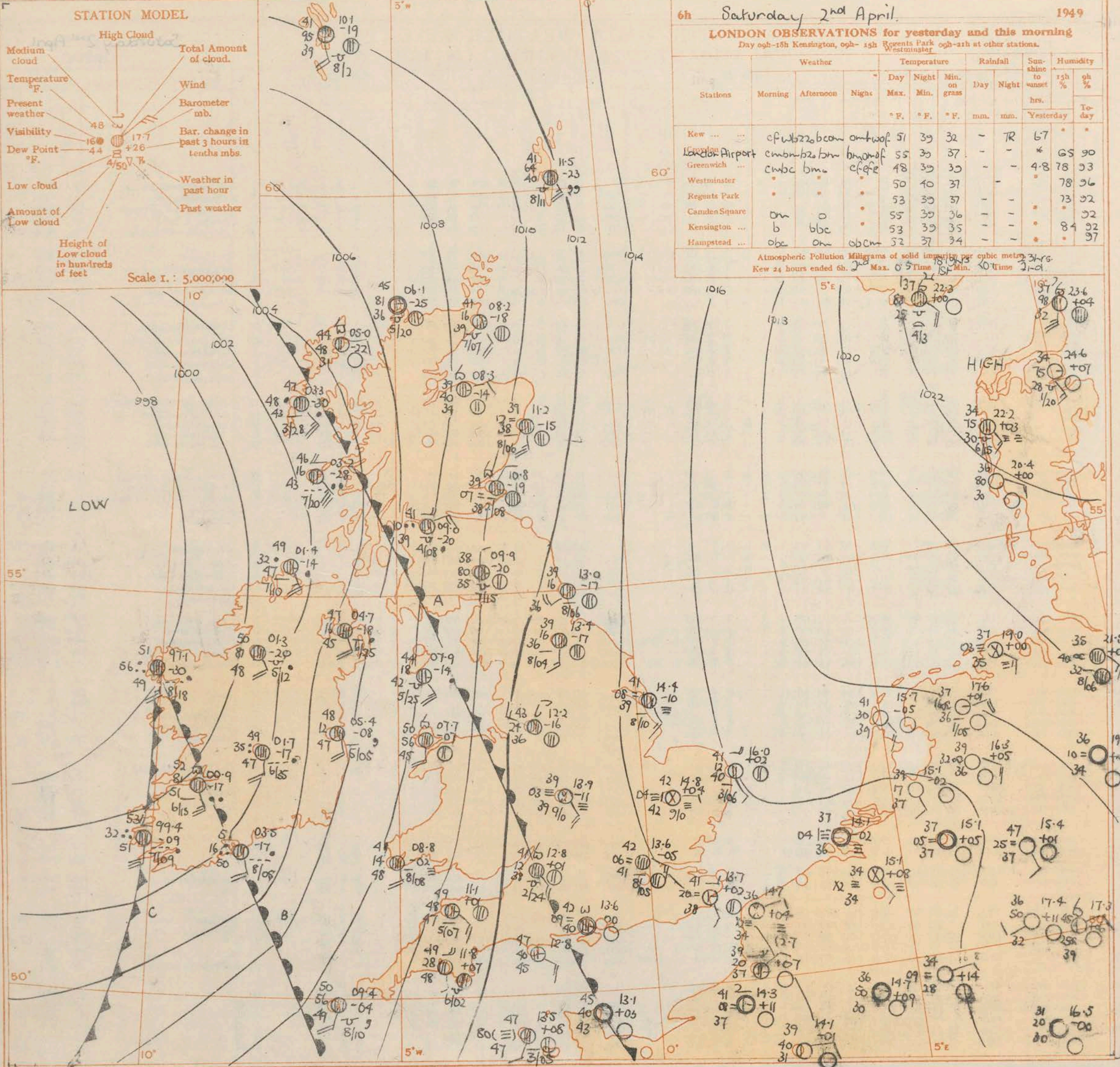
1949

## 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 to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	0h %
				° F.	° F.	° F.	mm.	mm.		Yesterday	To-day
Kew ...	cfwls22obcm	ontwof	51	39	32	-	TR	67			
London Airport	cmbsmb2obcm	bcmwof	55	39	37	-	-	*		65	90
Greenwich ...	cmbsc bmc	cfefe	48	39	35	-	-	4.8		78	93
Westminster				50	40	37	-			78	96
Regents Park				53	39	37	-			73	92
Camden Square	om	o		55	39	36	-				92
Kensington ...	b	bbs		53	39	35	-			84	92
Hampstead ...	obc	om	obcm	52	37	34	-				97

Atmospheric Pollution Milligrams of solid impurity per cubic metre 24 hrs. Kew 24 hours ended 6h. 2-8 Max. 0.5 Time 18 Min. 10 Time 21-2.





# GENERAL INFERENCE

Pressure is relatively high from the Baltic to Spain and low in Mid-Atlantic and a mild southwesterly type will set in over the British Isles. Troughs of low pressure are moving into the country from the West and will give mainly cloudy conditions with occasional rain in Western and Northern districts. It is expected to remain mainly dry in the East Midlands, East Anglia, South and Southeast England but cloudier weather is likely in these areas tomorrow.

# FURTHER OUTLOOK

Cloudy in most places but some bright periods are possible in the Southeast. Occasional rain in some western and Northern areas.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 2nd April.  
1949

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

### EXPLANATION OF CHART

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS:**  
 ○ Clear sky. ○ Sky less than 3/8 clouded. ○ Sky 3/8 to 5/8 clouded.  
 ☁ Sky 6/8 or 7/8 clouded. ☁ Overcast sky. ☁ Sky obscured.  
 ☂ Rain falling. ☂ Snow.  
 ☂ Thunderstorm.  
 ☂ Fog. ☂ Mist. ☂ T. Thunder.  
 ☂ Short strokes across the frontal line indicate Frontolysis.  
**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way:  
 — Warm Front on the surface  
 — Warm Front above the ground  
 — Cold Front on the surface  
 — Cold Front above the ground  
 — Occluded Front (or Occlusion)  
 — Warm Occlusion  
 — Cold Occlusion  
 — Lines of Frontogenesis  
**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 2nd April

31908

[illegible]

\* Information not usually received.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 3<sup>rd</sup> April 1949

No. 31909,.....

OBSERVATIONS at 12h. G.M.T. 2nd April.																	OBSERVATIONS at 18h. G.M.T. 2nd April.																	OBSERVATIONS during DAY (2nd)				
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.						21h State of ground	Weather.	Max Temp. 09h. 21h. °F	Sun- shine. 21h. min.	Rain 09h. 21h. mm.				
		Direction (degrees).	Speed (kts.).			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Amount.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Bar at M.S.L.	Change in 3 hrs.			Dry Bulb.	Dew point.	Form.	Amount.	Main layer.	Lowest layer.													
				(1)	(2)													(3)	(4)							(5)	(6)	(7)	(8)	(9)					(10)	(11)	(12)	(13)
0	Kew	210	13	30	c	13.6	-08	55	43	-	-	7	-	-	-	180	10	30	0	13.4	-01	53	47	7	2	-	8	7	2	-	-	1	bcwzcp rrm rrm	59	5.0	2		
1	London Airport	220	14	24	z	13.5	-06	60	44	-	-	1	-	-	-	210	13	64	0	13.1	-04	58	48	5	7	-	8	7	2	-	-	1	c2bz c rrm rrm	62	*	1		
	Lympe	090	05	16	z	14.0	+00	54	44	-	-	0	0	0	-	230	11	16	0	13.4	+07	48	47	6	7	-	8	8	02	-	-	1	b2z rfc	62	8.7	1		
	Tangmere	250	13	64	bc	14.1	-00	57	48	-	-	1	7	6	-	220	09	48	0	14.4	-03	51	47	5	2	-	8	5	80	-	-	1	b2z rrm rrm	58	4.9	1		
	Calshot	230	13	81	c	14.4	+00	52	48	-	-	7	7	28	-	200	13	84	10	14.0	-06	53	48	5	2	-	8	8	10	-	-	1	bcwzcp rrm	55	2.5	3		
2	Boscombe Down	160	11	48	c	13.6	-08	57	42	-	-	7	7	22	-	170	10	24	0	13.1	-05	50	50	6	2	-	8	8	15	-	-	2	b2z rrm rrm	57	2.4	2		
	Felixtowe	120	08	15	z	13.8	-03	50	42	-	-	3	1	83	-	240	14	64	c	12.8	-07	53	48	-	7	8	7	2	81	-	-	1	bc2z rrm rrm	55	8.6	1		
	Gorleston	160	06	08	b	14.6	-08	46	43	-	-	2	2	05	-	200	11	16	2	12.7	-14	50	43	-	7	8	7	2	-	-	0	bc2z rrm rrm	55	8.5	1			
	West Raynham	150	32	32	b	12.7	-18	60	42	-	-	2	1	-	-	230	15	48	bc	11.0	-10	56	44	-	7	8	7	2	-	-	1	offbz rrm rrm	64	4.6	1			
3	Mildenhall	190	04	16	b	13.0	-10	61	43	-	-	0	0	0	-	200	14	72	0	11.6	-02	53	46	-	7	8	7	2	-	-	0	bcwzcp rrm	65	6.1	1			
	Cranfield	210	09	12	z	13.4	-08	56	45	-	-	1	1	83	-	180	13	80	0	12.1	-10	54	45	-	7	8	7	2	-	-	0	bcwzcp rrm	60	3.6	1			
	Honiley	180	10	08	0	12.3	-14	54	46	-	-	6	-	7	8	7	10	-	-	180	13	64	0	10.6	-08	52	48	-	-	-	2	of cnc m c rrm rrm	57	1.7	1			
	Wittering	200	09	16	0	12.7	-09	51	43	-	-	8	8	81	3	12	230	16	40	0	10.7	-06	55	46	-	7	8	7	2	-	-	1	one m b2z rrm rrm	61	1.1	1		
4	Watnall	200	05	13	z	12.6	-10	50	43	-	-	8	8	84	1	12	180	10	16	12	02.5	-15	52	48	-	8	8	7	2	-	-	1	c m c rrm rrm	57	0.5	1		
	Little Risington	180	18	64	0	12.6	-13	53	45	-	-	8	8	10	-	-	180	20	48	12	11.0	-08	50	48	-	7	7	10	-	-	1	of p2z c rrm rrm	53	1.6	0.2			
5	Ross-on-Wye	170	13	50	0	12.6	-02	53	46	-	-	8	7	20	-	-	200	18	24	12	09.8	-13	53	50	-	7	8	10	-	-	1	am2 c rrm rrm	56	0.3	0.2			
	Shawbury	160	12	16	z	10.9	-13	51	43	-	-	8	8	40	5	12	110	240	17	08.2	-13	52	49	-	6	2	-	8	8	20	-	-	2	c rrm rrm	53	0.0	3	
	Bristol	190	15	56	0	12.5	-05	54	46	-	-	8	8	12	-	-	200	12	48	11	11.0	-10	53	50	-	6	2	-	8	8	08	-	-	1	cd c rrm rrm	55	0.1	1
	Exeter	180	09	48	0	13.2	+03	50	48	-	-	8	8	12	-	-	200	12	40	11.7	-10	53	50	-	6	2	-	8	8	06	-	-	1	pr c rrm rrm	55	0.4	2	
	Portland Bill	230	09	45	0	14.1	+03	50	48	-	-	3	9	-	-	-	230	09	40	12.4	-07	50	49	-	6	2	-	8	8	06	-	-	2	for idof rrm	52	*	1	
6	Plymouth	200	13	18	z	12.4	-08	52	52	-	-	8	8	03	-	-	220	10	01	12	11.8	+01	51	51	-	6	-	-	8	8	01	-	-	1	of tdm rrm rrm	53	0.0	7
	Chivenor	180	16	56	16	11.2	+01	54	51	-	-	8	8	08	-	-	230	13	64	0	10.8	+04	54	51	-	6	-	-	8	8	40	-	-	1	c rrm rrm	57	0.8	2
	St. Eval	170	10	28	16	11.2	+01	54	53	-	-	8	8	-	-	-	220	14	24	0	11.2	+01	53	53	-	6	-	-	8	8	08	-	-	1	om rrm rrm	57	0.0	8
	Lizard	190	13	40	16	11.7	+03	52	52	-	-	8	8	13	-	-	200	16	08	DD	11.1	+06	51	51	-	6	-	-	8	8	06	-	-	1	om rrm rrm	57	0.0	4
	Scilly, St. Mary's	180	23	32	10	09.1	-08	52	51	-	-	8	8	08	-	-	190	19	16	0	09.8	-06	52	51	-	6	-	-	8	8	08	-	-	1	o rrm rrm	54	0.0	7
7	Guernsey	190	10	40	z	15.7	+12	50	48	-	-	8	5	-	-	-	200	10	12	0	14.8	-03	51	49	-	7	-	-	8	7	12	-	-	1	Fem rrm rrm	53	1.9	2
	Aberporth	170	18	48	16	08.3	+03	51	50	-	-	8	8	15	-	-	210	10	80	c	08.0	00	52	49	-	7	-	-	8	7	18	-	-	1	c rrm rrm	53	0.3	6
	Pembroke	180	24	30	1r	08.3	-08	49	49	-	-	8	8	08	-	-	230	16	28	2	08.3	00	49	49	-	7	-	-	8	7	18	-	-	1	om rrm rrm	51	0.5	8
	Holyhead (Valley)	180	28	16	rr	07.3	-04	49	49	-	-	8	8	30	4	10	190	14	16	2	08.2	00	49	49	-	7	-	-	8	7	18	-	-	1	c rrm rrm	51	0.1	8
	Manchester	170	19	20	0	11.2	-13	52	44	-	-	8	7	60	4	14	160	13	12	rr	08.3	-12	52	49	-	7	-	-	8	7	18	-	-	1	am2 rrm rrm	54	0.0	3
8	Squires Gate...	150	24	11	bc	10.0	-12	51	46	-	-	7	9	-	-	-	170	12	12	0	07.8	-13	51	51	-	7	-	-	8	7	12	-	-	1	c rrm rrm	56	0.7	2
	Silloth	170	08	20	f	07.6	-08	53	45	-	-	8	3	40	-	-	210	18	48	0	07.2	-12	52	49	-	7	-	-	8	7	18	-	-	1	b2z rrm rrm	56	*	3
	Finningley	200	13	11	z	12.4	-14	47	41	-	-	8	8	07	-	-	180	14	16	0	08.1	-13	52	47	-	7	-	-	8	7	12	-	-	2	bcwz rrm rrm	54	0.0	2
	Spurn Head	150	03	35	0	12.9	-14	44	42	-	-	8	8	10	-	-	120	03	08	0	08.8	-16	47	45	-	7	-	-	8	7	18	-	-	1	om rrm rrm	51	0.0	1
	Leeming	170	13	13	0	11.3	-16	43	40	-	-	8	8	07	-	-	160	09	08	rr	07.8	-14	50	49	-	7	-	-	8	7	18	-	-	1	c rrm rrm	54	0.0	3
9	Tynemouth	230	18	12	c	10.8	-16	45	38	-	-	7	7	16	-	-	230	09	12	0	06.8	-19	51	43	-	6	-	-	8	8	15	-	-	1	c m rrm rrm	52	*	0.1
	St. Abb's Head	180	24	08	16	08.2	-08	44	39	-	-	8	8	25	-	-	180	24	04	f	06.4	-17	45	39	-	6	-	-	8	8	25	-	-	1	om rrm rrm	49	*	0.3
	Leuchars	110	07	20	0	07.5	-19	44	40	-	-	8	8	45	-	-	160	14	14	0	07.3	-20	49	45	-	6	-	-	8	8	25	-	-	1	c rrm rrm	51	0.1	6
	Eskdalemuir	160	08	48	0	07.6	-13	45	38	-	-	8	8	12	-	-	180	16	48	0	08.1	-13	47	46	-	6	-	-	8	8	07	-	-	1	c rrm rrm	51	0.0	2
	Prestwick	160	22	18	16	05.7	-14	48	44	-	-	8	5	25	2	17	180	22	56	c	02.6	-08	56	46	-	6	-	-	7	6	12	-	-	1	c rrm rrm	51	0.0	4
10	West Freugh...	160	18	06	rr	04.9	-18	45	44	-	-	8	6	10	-	-	200	15	28	f	03.1	-04	48	48	-	8	-	-	7	6	22	-	-	1	c rrm rrm	50	*	1.2
	Ronaldsway	170	23	20	rr	06.9	-09	48	47	-	-	8	7	05	-	-	200	18	32	c	04.8	-06	48	47	-	6	-	-	7	7	25	-	-	1	c rrm rrm	50	0.0	5
	Tiree	150	24	08	rr	00.5	-15	47	45	-	-	8	6	03	-	-	200	12	64	c	09.1	00	48	47	-	5	-	-	7	7	25	-	-	1	c rrm rrm	51	0.2	5
	Benbecula	160	30	24	16	09.2	-27	48	48	-	-	8	7	12	-	-	190	21	80	0	07.1	-04	50	47	-	5	-	-	7	7	20	-	-	1	c rrm rrm	51	0.0	1
	Stornoway	170	10	64	0	01.0	-21	48	46	-	-	8	5	20	-	-	180	16	80	c	07.2	-16	48	47	-	6	-	-	7	7	20	-	-	1	c	50	0.0	3
11	Cape Wrath	160	13	81	16	01.7	-31	50	43	-	-	8	8	20	-	-	130	03	81	0	01.9	-19	50	41	-	8	-	-	8	8	20	-	-	1	r rrm			

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.

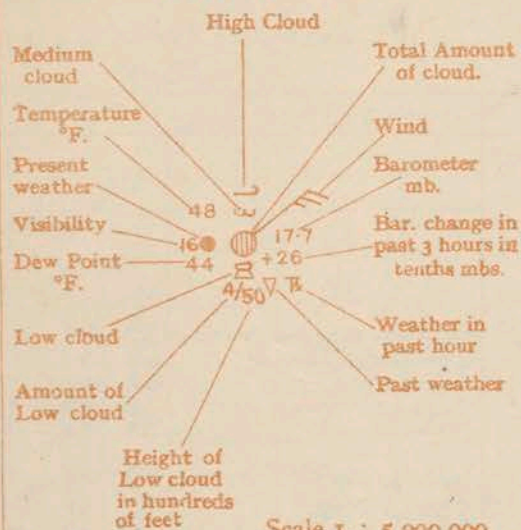
++ Cloud heights are in hundreds of feet

\* Information not usually received.

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



## STATION MODEL



6h Sunday 3rd April

1949

## LONDON OBSERVATIONS for yesterday and this morning

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

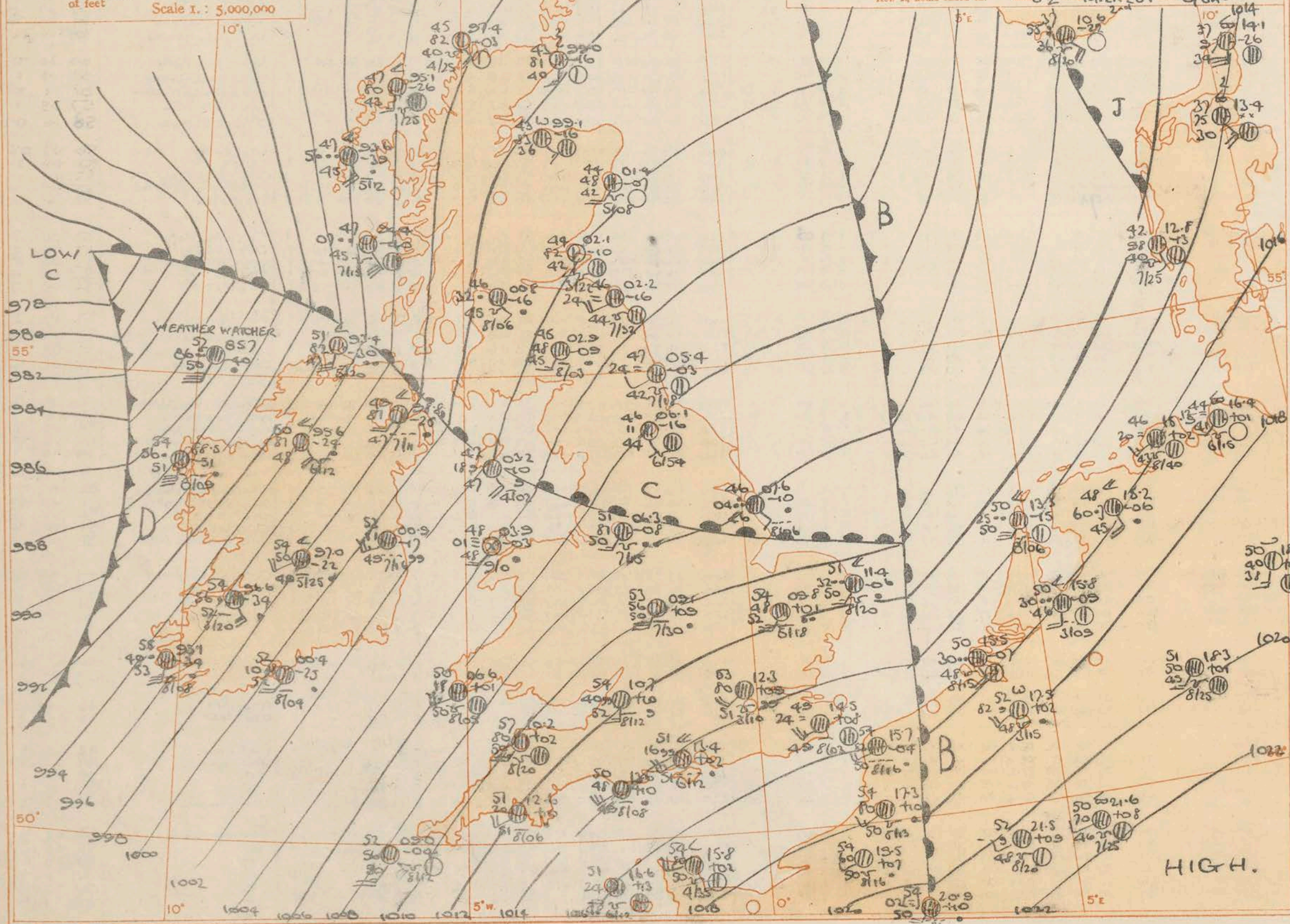
Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yesterday	To-day
Kew ...	brwce20	pr.cmsr	crcm.	59	50	50	2	3	5.0	*	*
Croydon	c262	crcrm.	od	53	50	50	1	2	*	75	98
London Airport	cfe6	bs	crc	64	50	49	-	4.6	4.8	54	80
Greenwich				63	44	43	5.6			77	83
Westminster											
Regents Park											
Cannden Square	o	c		64	45	44	-	6.4			79
Kensington	bc	bcabc		63	51	49	-	6.0		69	86
Hampstead	c	bcocr	or	61	50	48	2.1	4.6			88

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h.

Max 0.2 Time 10/12/49

Min 0.1 Time 0/6/2-1





# GENERAL INFERENCE

A mild southwesterly stream of air covers the British Isles. A depression northwest of Ireland is moving rapidly northeast and secondaries will move very rapidly north east across our western and northern districts. Weather will be mainly cloudy to-day though there may be bright periods locally in the East. Western and northern districts will have periods of rain followed later by fair periods and showers. Rain may spread to eastern districts of England later tonight or tomorrow morning followed by an improvement towards noon. Southerly winds will be strong in many areas reaching gale force locally, veering later.

# FURTHER OUTLOOK

Showery in most areas.

▼ South cones are flying on all coasts of British Isles except on east coast between Hartlepool and Beechy Head, and on coast of Ireland west of a line Loch Foyle to Howth. Cones are also flying on Orkneys and Shetlands, Isle of Man and Channel Islands.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 3<sup>rd</sup> April,  
1949

### EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
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. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Fog. — Mist. — Thunder. — Thunderstorm.  
Fronts or boundaries between masses of air of different character 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. Add one hour to get summer time.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Sunday 3rd April 1949  
No. 31909

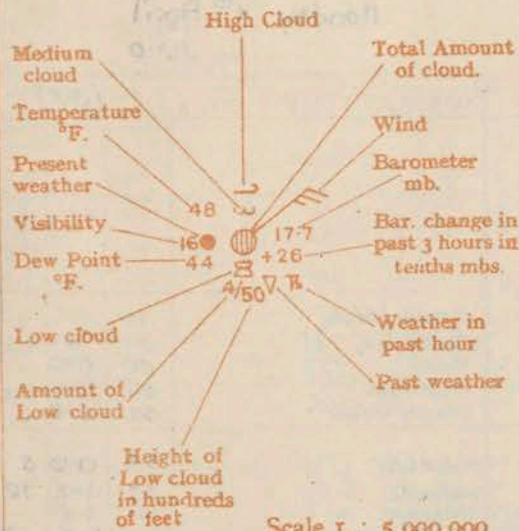
OBSERVATIONS at 00hr. G.M.T. 3rd April																	OBSERVATIONS at 06hr. G.M.T. 3rd April																	OBSERVATIONS Saturday NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
District.	STATIONS.	Height above M.S.L.	Wind.		Pressure.	Temp.		Cloud.						Wind.	Direction (degrees).	Speed (kts.).	Visibility (Code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Dew point.	Cloud.						9 h State of ground.	Weather.	Temperature		Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			Direction (degrees).	Speed (kts.).		Low.	Medium.	High.	Total amount.	0-8.	8-16.	16-24.	24-32.											32-48.	48-64.	64-80.	80-96.	96-112.	112-128.			128-144.	144-160.		160-176.	176-192.	192-208.	208-224.	224-240.	240-256.	256-272.	272-288.	288-304.	304-320.	320-336.	336-352.	352-368.	368-384.	384-400.	400-416.	416-432.	432-448.	448-464.	464-480.	480-496.	496-512.	512-528.	528-544.	544-560.	560-576.	576-592.	592-608.	608-624.	624-640.	640-656.	656-672.	672-688.	688-704.	704-720.	720-736.	736-752.	752-768.	768-784.	784-800.	800-816.	816-832.	832-848.	848-864.	864-880.	880-896.	896-912.	912-928.	928-944.	944-960.	960-976.	976-992.	992-1008.	1008-1024.	1024-1040.	1040-1056.	1056-1072.	1072-1088.	1088-1104.	1104-1120.	1120-1136.	1136-1152.	1152-1168.	1168-1184.	1184-1200.	1200-1216.	1216-1232.	1232-1248.	1248-1264.	1264-1280.	1280-1296.	1296-1312.	1312-1328.	1328-1344.	1344-1360.	1360-1376.	1376-1392.	1392-1408.	1408-1424.	1424-1440.	1440-1456.	1456-1472.	1472-1488.	1488-1504.	1504-1520.	1520-1536.	1536-1552.	1552-1568.	1568-1584.	1584-1600.	1600-1616.	1616-1632.	1632-1648.	1648-1664.	1664-1680.	1680-1696.	1696-1712.	1712-1728.	1728-1744.	1744-1760.	1760-1776.	1776-1792.	1792-1808.	1808-1824.	1824-1840.	1840-1856.	1856-1872.	1872-1888.	1888-1904.	1904-1920.	1920-1936.	1936-1952.	1952-1968.	1968-1984.	1984-2000.	2000-2016.	2016-2032.	2032-2048.	2048-2064.	2064-2080.	2080-2096.	2096-2112.	2112-2128.	2128-2144.	2144-2160.	2160-2176.	2176-2192.	2192-2208.	2208-2224.	2224-2240.	2240-2256.	2256-2272.	2272-2288.	2288-2304.	2304-2320.	2320-2336.	2336-2352.	2352-2368.	2368-2384.	2384-2400.	2400-2416.	2416-2432.	2432-2448.	2448-2464.	2464-2480.	2480-2496.	2496-2512.	2512-2528.	2528-2544.	2544-2560.	2560-2576.	2576-2592.	2592-2608.	2608-2624.	2624-2640.	2640-2656.	2656-2672.	2672-2688.	2688-2704.	2704-2720.	2720-2736.	2736-2752.	2752-2768.	2768-2784.	2784-2800.	2800-2816.	2816-2832.	2832-2848.	2848-2864.	2864-2880.	2880-2896.	2896-2912.	2912-2928.	2928-2944.	2944-2960.	2960-2976.	2976-2992.	2992-3008.	3008-3024.	3024-3040.	3040-3056.	3056-3072.	3072-3088.	3088-3104.	3104-3120.	3120-3136.	3136-3152.	3152-3168.	3168-3184.	3184-3200.	3200-3216.	3216-3232.	3232-3248.	3248-3264.	3264-3280.	3280-3296.	3296-3312.	3312-3328.	3328-3344.	3344-3360.	3360-3376.	3376-3392.	3392-3408.	3408-3424.	3424-3440.	3440-3456.	3456-3472.	3472-3488.	3488-3504.	3504-3520.	3520-3536.	3536-3552.	3552-3568.	3568-3584.	3584-3600.	3600-3616.	3616-3632.	3632-3648.	3648-3664.	3664-3680.	3680-3696.	3696-3712.	3712-3728.	3728-3744.	3744-3760.	3760-3776.	3776-3792.	3792-3808.	3808-3824.	3824-3840.	3840-3856.	3856-3872.	3872-3888.	3888-3904.	3904-3920.	3920-3936.	3936-3952.	3952-3968.	3968-3984.	3984-4000.	4000-4016.	4016-4032.	4032-4048.	4048-4064.	4064-4080.	4080-4096.	4096-4112.	4112-4128.	4128-4144.	4144-4160.	4160-4176.	4176-4192.	4192-4208.	4208-4224.	4224-4240.	4240-4256.	4256-4272.	4272-4288.	4288-4304.	4304-4320.	4320-4336.	4336-4352.	4352-4368.	4368-4384.	4384-4400.	4400-4416.	4416-4432.	4432-4448.	4448-4464.	4464-4480.	4480-4496.	4496-4512.	4512-4528.	4528-4544.	4544-4560.	4560-4576.	4576-4592.	4592-4608.	4608-4624.	4624-4640.	4640-4656.	4656-4672.	4672-4688.	4688-4704.	4704-4720.	4720-4736.	4736-4752.	4752-4768.	4768-4784.	4784-4800.	4800-4816.	4816-4832.	4832-4848.	4848-4864.	4864-4880.	4880-4896.	4896-4912.	4912-4928.	4928-4944.	4944-4960.	4960-4976.	4976-4992.	4992-5008.	5008-5024.	5024-5040.	5040-5056.	5056-5072.	5072-5088.	5088-5104.	5104-5120.	5120-5136.	5136-5152.	5152-5168.	5168-5184.	5184-5200.	5200-5216.	5216-5232.	5232-5248.	5248-5264.	5264-5280.	5280-5296.	5296-5312.	5312-5328.	5328-5344.	5344-5360.	5360-5376.	5376-5392.	5392-5408.	5408-5424.	5424-5440.	5440-5456.	5456-5472.	5472-5488.	5488-5504.	5504-5520.	5520-5536.	5536-5552.	5552-5568.	5568-5584.	5584-5600.	5600-5616.	5616-5632.	5632-5648.	5648-5664.	5664-5680.	5680-5696.	5696-5712.	5712-5728.	5728-5744.	5744-5760.	5760-5776.	5776-5792.	5792-5808.	5808-5824.	5824-5840.	5840-5856.	5856-5872.	5872-5888.	5888-5904.	5904-5920.	5920-5936.	5936-5952.	5952-5968.	5968-5984.	5984-6000.	6000-6016.	6016-6032.	6032-6048.	6048-6064.	6064-6080.	6080-6096.	6096-6112.	6112-6128.	6128-6144.	6144-6160.	6160-6176.	6176-6192.	6192-6208.	6208-6224.	6224-6240.	6240-6256.	6256-6272.	6272-6288.	6288-6304.	6304-6320.	6320-6336.	6336-6352.	6352-6368.	6368-6384.	6384-6400.	6400-6416.	6416-6432.	6432-6448.	6448-6464.	6464-6480.	6480-6496.	6496-6512.	6512-6528.	6528-6544.	6544-6560.	6560-6576.	6576-6592.	6592-6608.	6608-6624.	6624-6640.	6640-6656.	6656-6672.	6672-6688.	6688-6704.	6704-6720.	6720-6736.	6736-6752.	6752-6768.	6768-6784.	6784-6800.	6800-6816.	6816-6832.	6832-6848.	6848-6864.	6864-6880.	6880-6896.	6896-6912.	6912-6928.	6928-6944.	6944-6960.	6960-6976.	6976-6992.	6992-7008.	7008-7024.	7024-7040.	7040-7056.	7056-7072.	7072-7088.	7088-7104.	7104-7120.	7120-7136.	7136-7152.	7152-7168.	7168-7184.	7184-7200.	7200-7216.	7216-7232.	7232-7248.	7248-7264.	7264-7280.	7280-7296.	7296-7312.	7312-7328.	7328-7344.	7344-7360.	7360-7376.	7376-7392.	7392-7408.	7408-7424.	7424-7440.	7440-7456.	7456-7472.	7472-7488.	7488-7504.	7504-7520.	7520-7536.	7536-7552.	7552-7568.	7568-7584.	7584-7600.	7600-7616.	7616-7632.	7632-7648.	7648-7664.	7664-7680.	7680-7696.	7696-7712.	7712-7728.	7728-7744.	7744-7760.	7760-7776.	7776-7792.	7792-7808.	7808-7824.	7824-7840.	7840-7856.	7856-7872.	7872-7888.	7888-7904.	7904-7920.	7920-7936.	7936-7952.	7952-7968.	7968-7984.	7984-8000.	8000-8016.	8016-8032.	8032-8048.	8048-8064.	8064-8080.	8080-8096.	8096-8112.	8112-8128.	8128-8144.	8144-8160.	8160-8176.	8176-8192.	8192-8208.	8208-8224.	8224-8240.	8240-8256.	8256-8272.	8272-8288.	8288-8304.	8304-8320.	8320-8336.	8336-8352.	8352-8368.	8368-8384.	8384-8400.	8400-8416.	8416-8432.	8432-8448.	8448-8464.	8464-8480.	8480-8496.	8496-8512.	8512-8528.	8528-8544.	8544-8560.	8560-8576.	8576-8592.	8592-8608.	8608-8624.	8624-8640.	8640-8656.	8656-8672.	8672-8688.	8688-8704.	8704-8720.	8720-8736.	8736-8752.	8752-8768.	8768-8784.	8784-8800.	8800-8816.	8816-8832.	8832-8848.	8848-8864.	8864-8880.	8880-8896.	8896-8912.	8912-8928.	8928-8944.	8944-8960.	8960-8976.	8976-8992.	8992-9008.	9008-9024.	9024-9040.	9040-9056.	9056-9072.	9072-9088.	9088-9104.	9104-9120.	9120-9136.	9136-9152.	9152-9168.	9168-9184.	9184-9200.	9200-9216.	9216-9232.	9232-9248.	9248-9264.	9264-9280.	9280-9296.	9296-9312.	9312-9328.	9328-9344.	9344-9360.	9360-9376.	9376-9392.	9392-9408.	9408-9424.	9424-9440.	9440-9456.	9456-9472.	9472-9488.	9488-9504.	9504-9520.	9520-9536.	9536-9552.	9552-9568.	9568-9584.	9584-9600.	9600-9616.	9616-9632.	9632-9648.	9648-9664.	9664-9680.	9680-9696.	9696-9712.	9712-9728.	9728-9744.	9744-9760.	9760-9776.	9776-9792.	9792-9808.	9808-9824.	9824-9840.	9840-9856.	9856-9872.	9872-9888.	9888-9904.	9904-9920.	9920-9936.	9936-9952.	9952-9968.	9968-9984.	9984-10000.	10000-10016.	10016-10032.	10032-10048.	10048-10064.	10064-10080.	10080-10096.	10096-10112.	10112-10128.	10128-10144.	10144-10160.	10160-10176.	10176-10192.	10192-10208.	10208-10224.	10224-10240.	10240-10256.	10256-10272.	10272-10288.	10288-10304.	10304-10320.	10320-10336.	10336-10352.	10352-10368.	10368-10384.	10384-10400.	10400-10416.	10416-10432.	10432-10448.	10448-10464.	10464-10480.	10480-10496.	10496-10512.	10512-10528.	10528-10544.	10544-10560.	10560-10576.	10576-10592.	10592-10608.	10608-10624.	10624-10640.	10640-10656.	10656-10672.	10672-10688.	10688-10704.	10704-10720.	10720-10736.	10736-10752.	10752-10768.	10768-10784.	10784-10800.	10800-10816.	10816-10832.	10832-10848.	10848-10864.	10864-10880.	10880-10896.	10896-10912.	10912-10928.	10928-10944.	10944-10960.	10960-10976.	10976-10992.	10992-11008.	11008-11024.	11024-11040.	11040-11056.	11056-11072.	11072-11088.	11088-11104.	11104-11120.	11120-11136.	11136-11152.	11152-11168.	11168-11184.	11184-11200.	11200-11216.	11216-11232.	11232-11248.	11248-11264.



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



# STATION MODEL



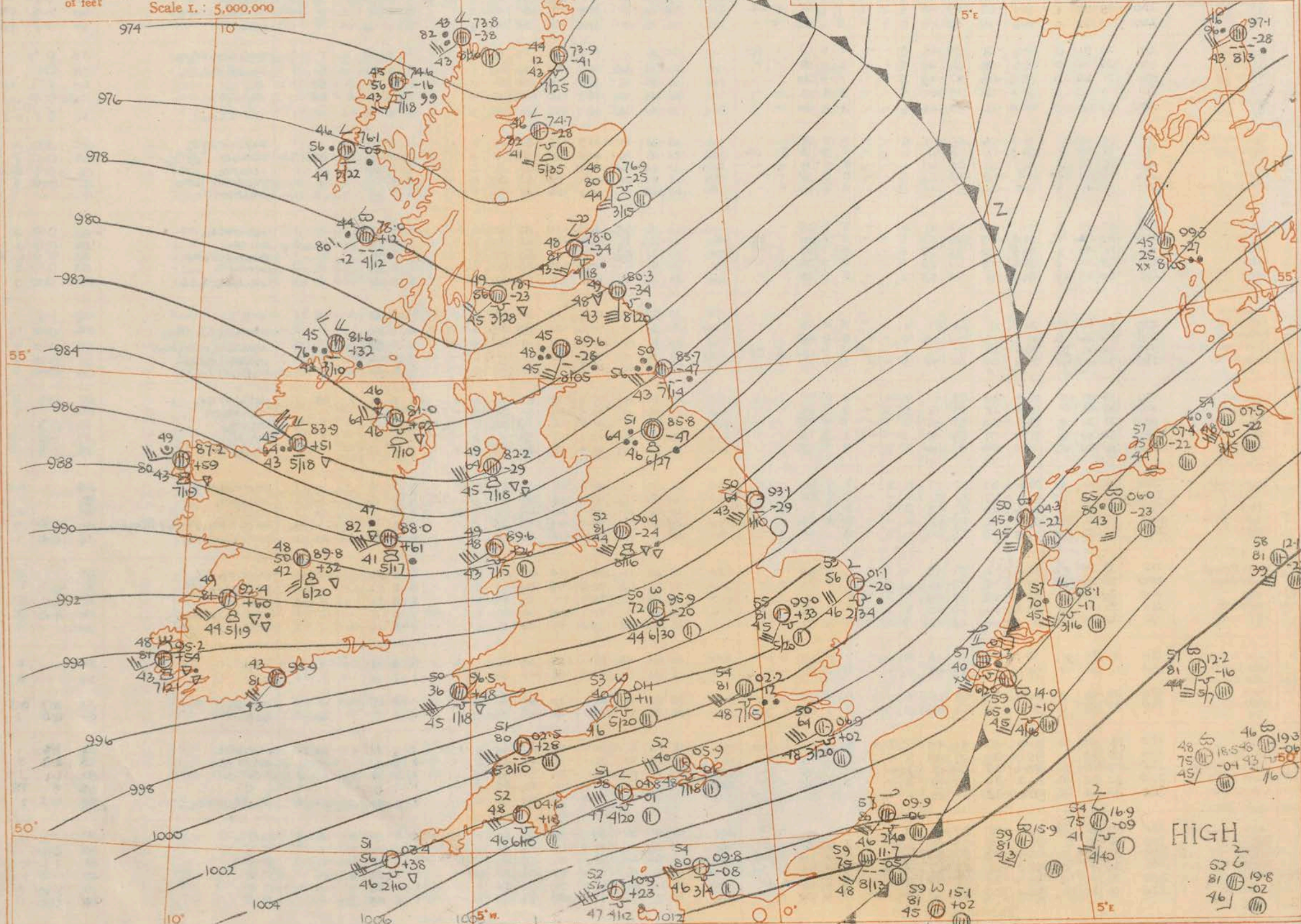
6h Monday 4th April 1949

## 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 to sunset		Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	hrs.	15h %	9h %
				° F.	° F.	° F.	mm.	mm.			Yesterday	To-day
Kew ...	ccm. id.	id. cr.	oc	56			1		*		78	
London Airport	cm. od.	d. ir.	dr. r. om.	59	52	50	0.4	1	*		72	59
Greenwich ...	c	cr.	irc	59	52	49	TR	0.5	0.1		72	59
Westminster	.	.	.	59	50	49		3.0			76	63
Regents Park	.	.	.	58	53	51		0.7			70	61
Cannden Square	c	c	.	58	53	50		0.5				61
Kensington ...	bcc	cp	.	59	53	49	0.1	0.7			82	63
Hampstead ...	o	od	orbc	57	49	47		0.8				67

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 4th Max. 40.1 Whole of Period





# GENERAL INFERENCE

A depression to the north of the British Isles is moving north-east.  
There will be squally showers in many districts today, the showers being heavy at times, specially in the north, when there may be hail and thunder. During the night the showers will die out in many places and the weather will be fair over much of the country to-morrow morning.  
Winds will decrease slowly in all areas.

# FURTHER OUTLOOK

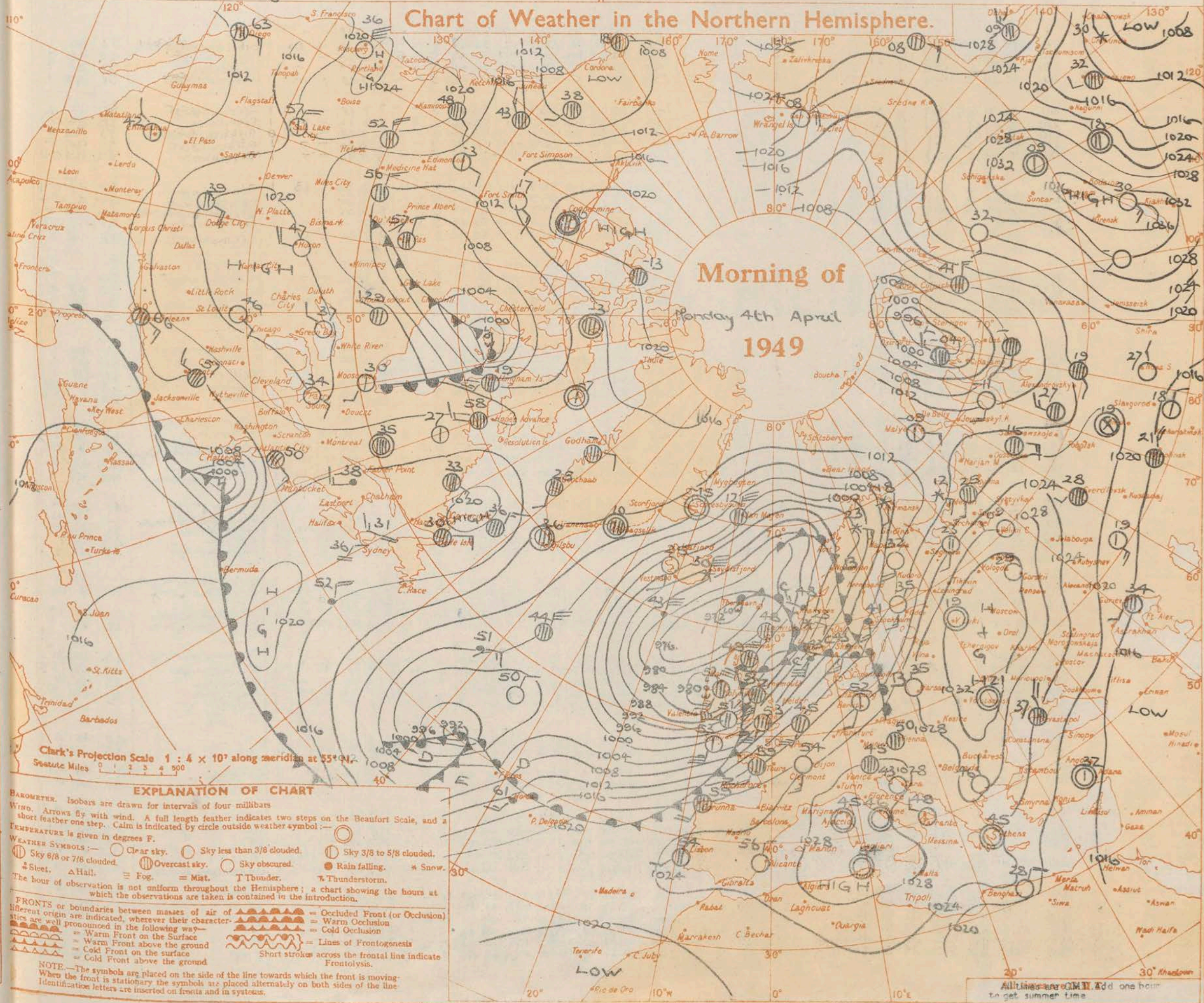
Rain spreading north-east across most districts.

Gale Warning

South-west to West gales are in operation in all land areas of Great Britain and Northern Ireland and south coasts are flying on all coasts.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 4th April  
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. — Sky 5/8 or 7/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Sleet. — Hail. — Fog. — Mist. — 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 characteristics are well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground. — Occluded Front (or Occlusion). — Warm Occlusion. — Cold Occlusion. — Lines of Frontogenesis. — Short strokes across the frontal line indicate Frontolysis.  
**NOTE.**—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are GMT. Add one hour to get summer time.



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

Monday 4th April 1949

No. 21810

OBSERVATIONS at 00hr. G.M.T. 4th April																OBSERVATIONS at 06hr. G.M.T. 4th April																OBSERVATIONS Sunday NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
District.	STATIONS.	Height above M.S.L.	Wind.		Visibility (Code figures).	Present Weather.	Pressure.		Temp.		Cloud.						Direction (degrees).	Speed (kts.).	Visibility (Code figures).	Present Weather.	Pressure.		Temp.		Cloud.						9h State of ground.	Weather.		Temperature		Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			Direction (degrees).	Speed (kts.).			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.	Total amount.	Main layer.	Lowest layer.	Ht. +	Ht. -					Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.	Total amount.	Main layer.	Lowest layer.	Ht. +	Ht. -		21 h.-00 h.	Min. °F.	Min. on Grass °F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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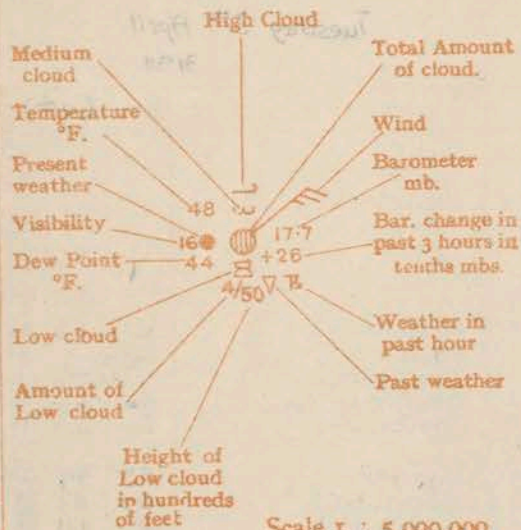


BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDONTuesday 5<sup>th</sup> April 1949  
No. 31911OBSERVATIONS at 12h. G.M.T. 4<sup>th</sup> AprilOBSERVATIONS at 18h. G.M.T. 4<sup>th</sup> AprilOBSERVATIONS during DAY (4<sup>th</sup>)

District.	STATIONS. (For heights see p. 4)	Wind.		Visibility (Code figures).	Present Weather.	Pressure.		Temp.		Cloud.						Wind. (Direction).	Speed (kts.).	Visibility (Code figures).	Present Weather.	Pressure.		Temp.		Cloud.						21 h. State of ground.	Weather.																																																																																																																																																																																																																																																																																																																																																																												
		Direction (degrees).	Speed (kts.).			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.					Dew point.	Form.			Total amount.	Main layer.	Ht. ft.	Lowest layer.	Ht. ft.	0-8 Amt.		Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht. ft.	0-8 Amt.	Ht.



# STATION MODEL



6h Tuesday 5<sup>th</sup> April.

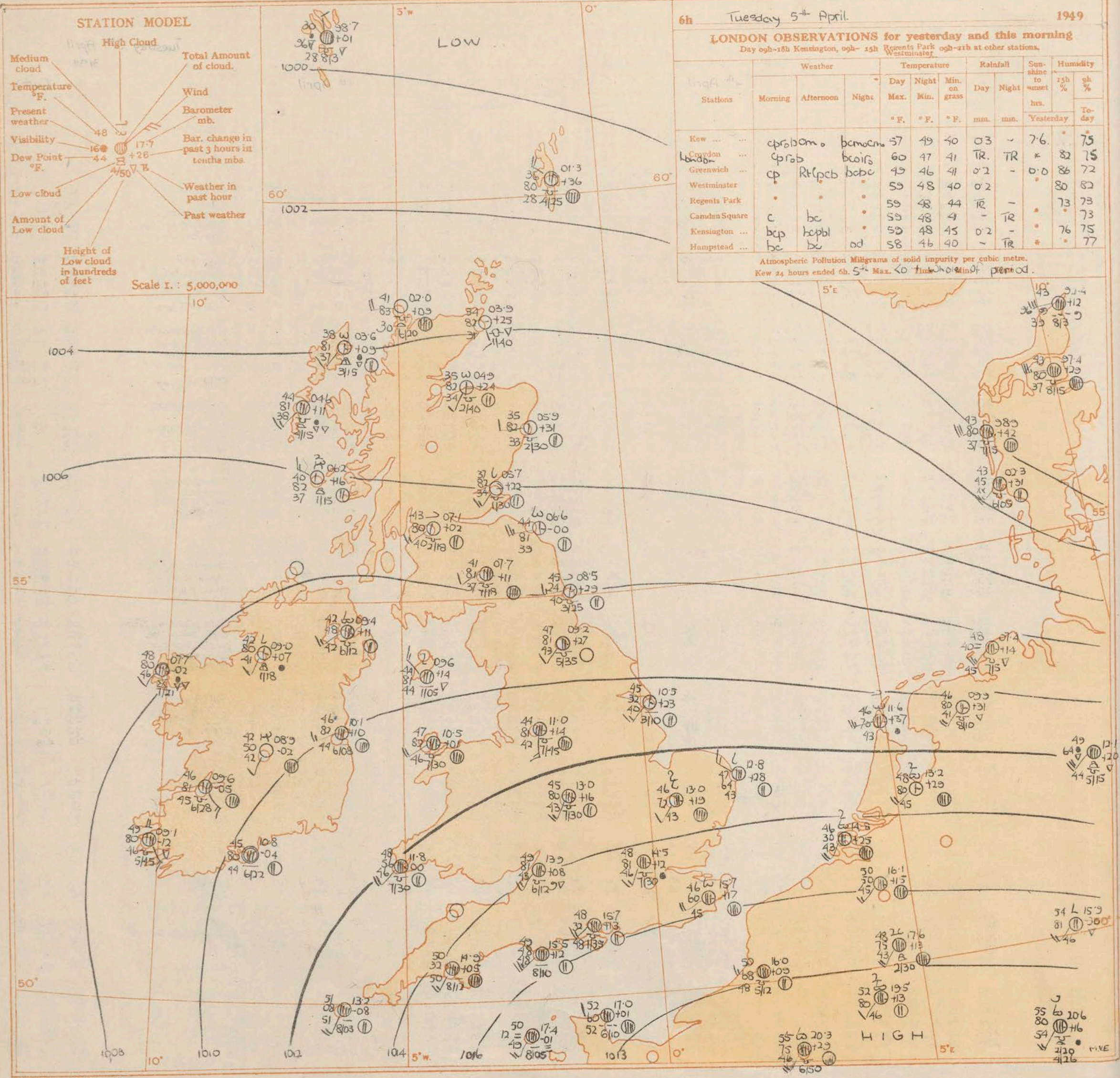
1949

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to set hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	9h %
				° F.	° F.	° F.	mm.	mm.		Yesterday	To-day
Kew ...	cp	prob	bc	57	49	40	0.3	-	7.6	82	75
London ...	cp	prob	bc	60	47	41	TR.	TR.	*	82	75
Greenwich ...	cp	Rt/pcb	bc	49	46	41	0.2	-	0.0	86	72
Westminster	.	.	.	59	48	40	0.2	-	.	80	82
Regents Park	.	.	.	59	48	44	TR.	-	.	73	73
Camden Square	c	bc	.	59	48	4	-	TR.	.	76	75
Kensington ...	bcp	bcpbl	.	59	48	45	0.2	-	.	76	75
Hampstead ...	bc	bc	od	58	46	40	-	TR.	*	.	77

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 5<sup>th</sup> Max. 40. Time of day of period.





# GENERAL INFERENCE

A ridge of high pressure will move eastwards across the country ahead of troughs of low pressure now to the south-west of England.

It will be cloudy over much of England and Wales and rain now falling in South-west England will spread north-west to most places.

In Scotland and the extreme north of England, however, it will be mainly fair to-day apart from a few showers at first.

It will be rather mild or mild generally.

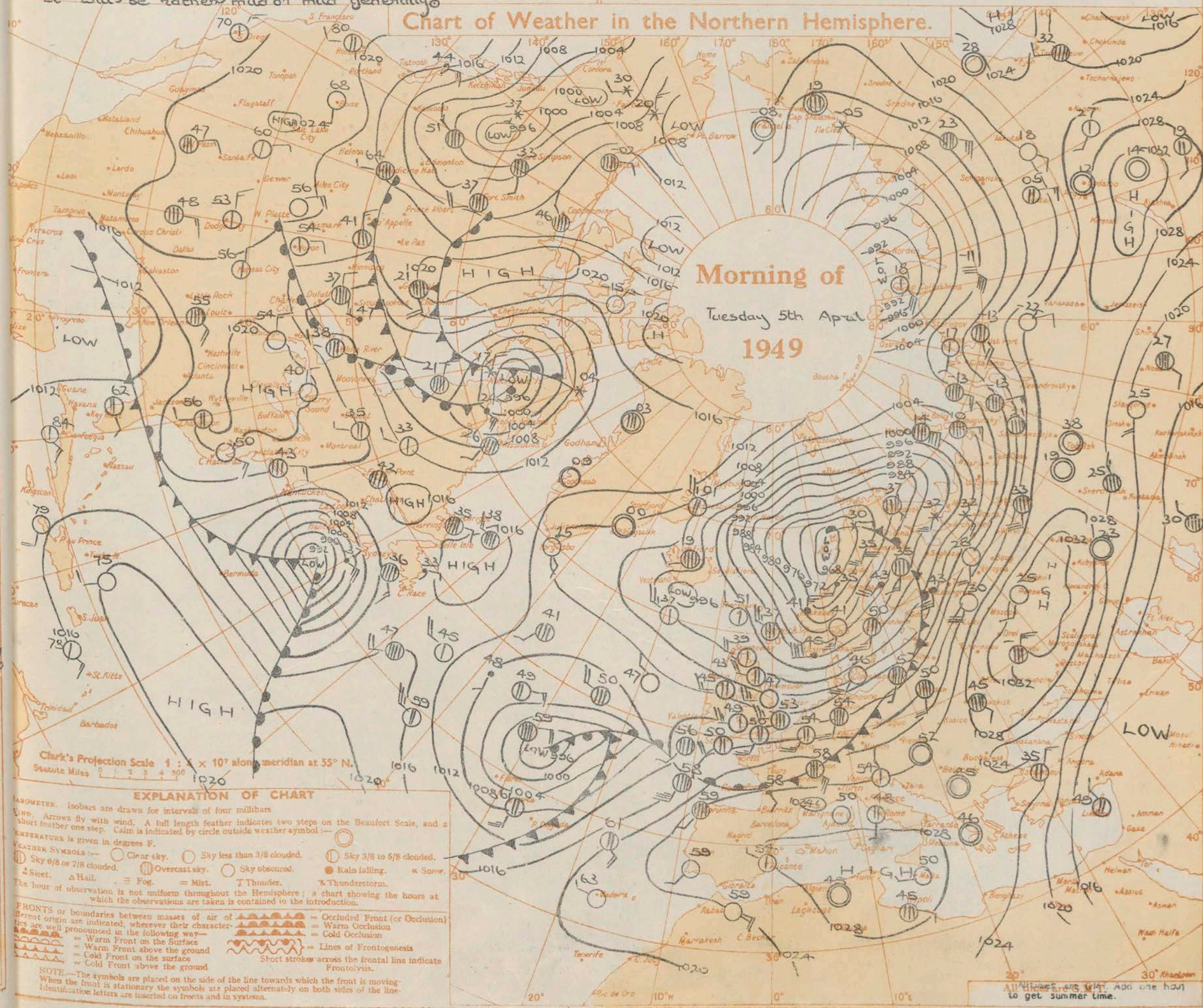
# FURTHER OUTLOOK

Cloudy. Rain at times in some places.

## Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 5th April  
1949



Clark's Projection Scale 1 : 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 0 100 200 300 400 500

### EXPLANATION OF CHART

- BAROMETER. Isobars are drawn for intervals of four millibars.
- WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
- TEMPERATURE is given in degrees F.
- WEATHER SYMBOLS: — Clear sky. — Sky less than 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Sky 5/8 to 7/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Sun. — Mist. — Fog. — Thunder. — Thunderstorm. — Snow. — Hail. — Ice.
- FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground. — Occluded Front (or Occlusion). — Warm Occlusion. — Cold Occlusion. — Lines of Frontogenesis. — Short strokes across the frontal line indicate Frontolysis.
- NOTE. — The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are GMT. Add one hour to get summer time.



Page 4.		BRITISH SECTION		THE DAILY WEATHER REPORT		OF THE METEOROLOGICAL OFFICE, LONDON.		Tuesday 5th April 1949		No. 31911																														
OBSERVATIONS at 00hr. G.M.T. 5th April																OBSERVATIONS at 06hr. G.M.T. 5th April																OBSERVATIONS Monday NIGHT								
Dist.	STATIONS.	Height above M.S.L.	Wind.		Visiblty (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						Wind.	Visiblty (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						9 h	Weather.		Temperature		Rain					
			Direction (degrees)	Speed (kts.)			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.									Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.							State of ground	21 h.-00 h.	Min. "P."	Min. on Grass "P."						
											Low.	Medium.	High.	Total amount.	Main layer.	Lowest layer.								Low.	Medium.	High.	Total amount.	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)	(34)	(35)	(36)	(37)	(38)			
0	Kew	18	*	*	*	*	*	*	51	*	*	*	*	*	*	230	09	30	0	14.4	+15	49	45	5	-	-	8	8	21	-	-	1	bcmemo	49	40	-				
1	London Airport	82	240	17	80	0	10.9	+16	52	46	5	-	-	8	8	31	-	-	210	09	81	e	14.5	+12	48	46	5	-	-	7	7	30	-	-	1	bc, if, bc	46	41	TR	
	Lymington	341	250	17	56	b	12.3	+18	49	45	-	-	-	0	0	0	-	-	260	11	60	c	15.7	+17	46	45	-	5	-	7	7	33	-	-	1	cbwewemo	45	41	-	
	Tangmere	63	280	16	28	bc	12.6	+14	50	47	6	-	-	3	3	10	-	-	270	08	28	c	15.7	+19	48	47	6	7	-	7	3	10	-	-	1	cmobemoemo	47	44	-	
	Calshot	8	250	20	56	bc	13.1	+11	50	48	5	-	-	5	5	31	-	-	240	10	32	2	15.7	+13	48	48	5	-	7	8	1	35	-	-	0	emo, bc, bjemo, emo	56	46	TR	
2	Boscombe Down	414	240	08	64	bc	12.7	+20	49	43	5	-	-	3	3	30	-	-	210	04	80	0	15.1	+13	48	44	5	-	-	8	8	30	-	-	0	cbec	48	43	-	
	Felixtowe	10	260	21	64	b	09.2	+16	50	48	5	-	-	2	2	50	-	-	270	09	48	2	14.0	+23	47	44	5	4	2	6	1	30	-	-	1	b, cb, emo	46	40	-	
	Gorleston	5	270	20	64	c	06.1	+13	53	41	5	-	-	0	0	35	-	-	290	07	64	c	12.8	+28	47	44	-	4	9	6	4	65	-	-	0	bbec	47	41	-	
	West Raynham	250	250	23	80	b/pr	06.7	+20	47	45	-	-	-	0	0	0	-	-	230	10	40	bc	12.2	+26	44	42	-	7	5	5	-	-	-	0	cpobbbemo	43	40	0.4		
	Mildenhall	15	250	22	80	o/pr	08.4	+28	53	43	8	-	-	8	5	27	-	-	240	05	72	c	13.0	+19	46	43	-	4	6	7	1	-	-	1	bebeprfbemo	45	37	-		
3	Cranfield	340	250	17	80	c	09.1	+29	50	46	5	-	-	7	7	31	-	-	210	10	48	c	13.5	+17	45	43	5	-	2	6	4	30	-	-	0	cbecbeemoemo	44	40	-	
	Honiley	427	250	08	81	b	09.2	+36	48	44	5	-	-	1	1	25	-	-	200	10	80	c	13.0	+16	45	43	5	-	6	7	7	30	-	-	1	cb, emo	44	37	-	
	Wittering	236	270	19	80	b	08.1	+40	48	44	2	-	-	1	1	25	-	-	250	13	80	c	12.0	+15	46	42	5	5	9	6	5	83	1	30	-	-	-			
	Watnall	366	260	09	81	b	07.3	+45	45	43	5	-	-	2	2	60	-	-	200	03	17	c	12.1	+09	44	42	5	-	9	7	3	40	-	-	1	cpemoemo	42	37	0.2	
4	Little Rissington	740	270	13	81	bc	09.9	+25	47	43	5	-	-	3	3	30	-	-	230	09	36	0	13.9	+18	45	44	5	7	-	8	5	25	-	-	1	cbecbbec	45	40	-	
5	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	230	10	50	0	13.0	+08	49	45	5	-	-	8	8	20	-	-	1	cc	48	*	-				
	Shawbury	235	250	18	81	b	08.4	+37	47	43	-	-	-	1	0	0	-	-	200	02	81	c	11.6	+05	48	44	5	-	-	7	7	40	1	20	1	cpemo, bc	48	40	-	
	Bristol	209	250	30	80	c/pr	11.7	+24	50	47	8	-	-	7	7	19	1	15	230	15	81	c/d	13.9	+08	49	43	5	-	-	7	6	12	-	-	1	cpemo, cdoe	48	45	TR	
	Exeter	100	270	12	80	o	13.7	+17	51	47	5	-	-	8	8	33	-	-	200	08	81	0	14.9	-	48	45	5	7	7	8	8	84	2	20	1	cc	47	40	-	
	Portland Bill	32	260	24	48	z	13.9	+25	50	49	1	-	-	4	3	20	-	-	250	19	48	2	15.5	+12	49	48	6	-	-	8	8	10	-	-	1	bcm, oz, f	48	*	-	
	Plymouth	90	250	16	40	z	14.5	+11	51	47	5	-	-	6	6	30	-	-	230	08	82	z	14.9	+05	50	50	6	-	-	8	8	12	-	-	1	cmobemoemo	49	46	0.4	
	Chivenor	20	250	24	64	c	13.0	+14	50	45	5	-	-	7	7	31	-	-	230	08	80	0	13.9	+03	50	45	5	-	-	8	8	25	-	-	1	cc	50	45	-	
	St. Eval	366	230	12	40	z	14.9	+10	50	48	5	-	-	7	7	15	-	-	70	05	40	z	14.6	+02	47	46	5	7	-	1	1	25	-	-	1	cmobemoemo	46	44	TR	
	Lizard	240	250	17	56	o	14.8	+11	50	49	5	-	-	8	8	10	-	-	210	03	05	0	14.3	+05	50	50	6	7	-	8	8	06	-	-	1	cbwewemo	49	*	0.2	
	Scilly, St. Mary's	163	230	14	56	c	14.5	+19	50	48	-	-	-	7	7	80	-	-	200	11	08	0	13.2	+08	51	51	6	-	-	8	8	03	-	-	1	cbwewemo	50	*	0.2	
6	Guernsey	340	250	16	64	c	17.1	+06	50	49	5	-	-	8	6	3	15	-	-	230	07	12	0	17.4	+01	50	49	6	-	-	8	8	05	-	-	1	cmoco, if, o	49	48	3
	Aberporth	375	230	15	80	bc	10.8	+39	47	46	-	-	-	7	8	0	0	-	-	220	12	80	0	12.1	+08	48	47	5	-	-	8	8	31	-	-	0	bc	47	43	-
7	Pembroke	142	260	19	54	bc	11.4	+31	49	47	5	6	-	3	2	70	1	25	250	16	56	c	11.8	+00	48	46	5	-	-	7	7	30	-	-	1	bcqmo, bc, c, emo	47	*	-	
8	Holyhead (Valley)	32	250	15	81	b	08.4	+36	48	45	-	-	-	0	0	0	-	-	250	12	82																			

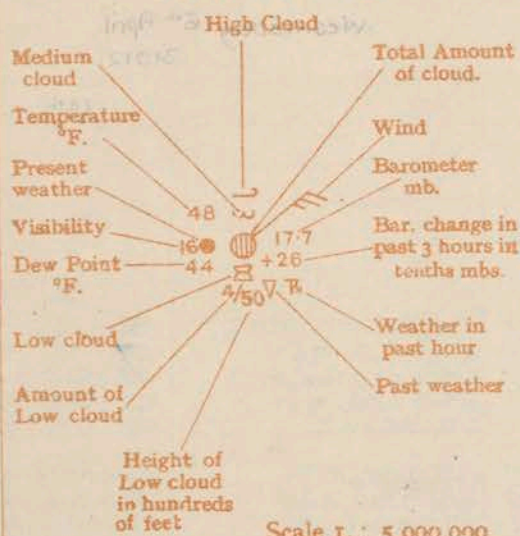


BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Wednesday, 6<sup>th</sup> April, 1949  
No. 31512.OBSERVATIONS at 12h. G.M.T. 5<sup>th</sup> AprilOBSERVATIONS at 18h. G.M.T. 5<sup>th</sup> AprilOBSERVATIONS during DAY (5<sup>th</sup>)

District.	STATIONS. (For heights see p. 4)	Wind.		Visiblty (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						Wind.	Speed (kts.)		Visiblty (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						21 h State of ground	Weather. 09 to 21 h. (34)	Max. Temp. 09h. 21h. (35)	Sun- shine. (36)	Rain 09h. 21h. mm. (37)			
		Direction (degrees)	Speed (kts.)			Bar at M.S.L. mb.	Change in 3 hrs.	°F.	°C.	Low.	Medium.	High.	Total amount.	Main layer.	Lowest layer.		Direction (degrees)	Speed (kts.)			Bar at M.S.L. mb.	Change in 3 hrs.	°F.	°C.	Low.	Medium.	High.	Total amount.	Main layer.	Lowest layer.								
(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	15	46	0	14.3	-14	55	43	2	1	-	8	8	-	5	15	210	15	30	0	07.7	-44	53	51	7	-	-	8	8	21	6	11	1	cwcp.r.r.c.m.c.r.r.r.	55	0.2	2
1	London Airport	210	15	80	0	14.3	-10	56	46	1	1	-	8	8	22	-	-	190	17	28	0	07.6	-35	53	52	7	-	-	8	8	10	6	05	1	pir.o.d.o.m.	57	*	0.3
	Lymington	230	13	64	0	16.3	-05	53	49	5	7	-	7	7	-	1	15	200	15	10	0	11.7	-24	49	49	6	-	-	8	8	01	-	-	1	c.m.s.o.m.d.d.m.	55	0.8	0.1
	Tangmere	230	13	10	0	15.6	-03	51	50	5	1	-	8	8	01	-	-	230	20	24	0	09.7	-32	53	52	6	2	-	8	8	08	7	02	1	c.m.s.o.m.d.d.m.	53	0.0	3
	Calshot	200	12	24	0	14.3	-02	51	50	7	1	-	8	8	05	-	-	230	20	10	0	10.1	-24	53	53	6	-	-	8	8	07	-	-	1	om.o.r.o.r.c.	53	0.0	3
2	Boscombe Down	160	10	56	dod.	14.8	-15	52	50	5	1	-	8	7	06	3	04	180	23	12	0	08.9	-25	53	52	6	-	-	8	8	02	-	-	1	cid.d.o.id.ir.	53	0.0	1
	Felixstowe	250	09	64	0	14.6	-03	56	46	5	1	-	8	6	23	-	-	210	15	12	0	10.0	-28	51	47	5	7	-	8	6	21	-	-	1	c.m.z.o.r.o.id.c	57	1.4	0.1
	Gorleston	230	13	72	C	13.6	-07	57	41	2	-	-	7	7	20	-	-	200	17	20	0	09.3	-25	49	44	7	7	-	8	8	15	-	-	1	cyom.o.id.opr	58	4.3	2
	West Raynham	240	14	81	0	13.3	-03	53	42	5	-	-	8	8	25	-	-	150	13	09	0	07.4	-34	49	49	6	2	-	8	6	10	-	-	2	ccir.crrm.	58	3.9	5
3	Mildenhall	200	10	81	C	13.1	-17	57	42	8	1	-	7	6	25	-	-	180	15	40	0	06.2	-45	53	47	7	2	-	8	8	18	7	08	1	ccyr.c.c.m.	58	1.1	1
	Cranfield	200	12	81	0	13.2	-12	56	44	2	1	-	8	5	20	-	-	210	20	32	0	06.3	-43	52	50	7	-	-	8	8	15	5	06	2	ccr.c.cirm.c	57	0.6	2
	Honiley	200	15	64	0	12.6	-16	54	42	5	2	-	8	6	20	-	-	180	14	80	0	08.9	-52	51	50	7	-	-	8	8	15	7	07	1	c.m.coir.c.c.r.m.	54	0.0	10
	Wittering	230	15	64	C	12.6	-11	56	41	8	-	-	7	5	45	6	30	180	15	14	0	05.4	-46	51	50	6	-	-	8	8	08	-	-	2	c.m.cyr.c.c.c.c.c	57	1.1	6
4	Watnall	210	10	32	0	12.2	-10	54	42	8	-	-	8	8	40	-	-	140	07	06	0	08.9	-59	48	47	7	2	-	8	5	08	-	-	1	r.crrm.	57	0.7	11
	Little Rissington	200	16	82	0	13.1	-14	52	37	5	1	-	8	8	81	5	20	200	23	56	0	04.9	-41	50	50	6	-	-	8	8	02	-	-	2	cyom.o.r.o.r.c.c.c	52	0.3	8
5	Ross-on-Wye	190	09	84	0	12.6	-11	53	48	7	2	-	8	1	15	-	-	200	15	12	0	04.2	-39	54	53	7	-	-	8	8	06	-	-	1	ccr.crr	55	0.1	13
	Shawbury	190	12	80	C	10.8	-18	54	43	8	-	-	7	7	25	2	18	130	05	12	0	01.9	-57	50	49	7	2	-	8	8	20	6	08	2	ccr.crr	54	0.0	14
	Bristol	200	12	80	0	12.3	-16	53	48	6	2	-	8	4	10	-	-	180	15	40	0	08.7	-30	54	52	6	-	-	8	8	05	-	-	2	cirm.c	56	0.0	12
	Exeter	180	15	24	0	12.1	-29	51	50	6	-	-	8	8	10	7	04	230	13	48	0	07.1	-15	55	54	6	-	-	8	8	15	6	06	1	ccddin.c.c.r.m.	55	0.0	1
	Portland Bill	190	09	40	0	14.8	-14	49	48	6	-	-	8	8	08	-	-	230	24	32	0	08.7	-20	51	51	6	-	-	8	8	08	-	-	2	ccr.crr	52	0.0	1
6	Plymouth	30	09	14	0	12.4	-22	50	50	6	-	-	8	8	01	-	-	220	15	07	0	07.6	-13	52	52	6	-	-	8	8	01	-	-	1	ccr.crr	53	0.0	2
	Chivenor	180	10	12	0	11.0	-29	53	51	7	2	-	8	8	10	1	07	220	27	80	0	05.5	-15	53	53	6	-	-	8	8	15	4	06	1	ccddm.c.c.c.c.c	55	0.0	13
	St. Eval	160	18	16	0	10.8	-30	51	50	7	-	-	8	8	03	2	02	190	24	32	0	07.1	-13	54	53	6	-	-	8	8	05	-	-	1	ccr.crr	55	0.0	2
	Lizard	190	19	01	0	10.9	-24	52	52	-	-	-	9	9	0	-	-	210	27	40	0	07.4	-19	53	53	6	-	-	8	8	08	-	-	1	ccr.crr	53	0.0	2
	Scilly, St. Mary's	200	21	45	0	09.2	-27	53	52	-	-	-	9	9	0	-	-	200	27	24	0	05.7	-14	53	52	6	-	-	8	8	06	-	-	1	ccr.crr	54	0.0	1
7	Guernsey	170	10	42	0	15.7	-13	50	50	-	-	-	9	9	0	-	-	200	10	80	0	11.8	-15	52	51	6	7	-	8	6	18	1	06	1	om.crr	53	0.0	2
	Aberporth	180	13	80	0	09.7	-24	50	48	6	2	-	8	8	12	4	06	210	21	48	0	01.0	-30	53	52	6	2	-	8	8	12	6	08	2	ccr.crr	53	0.0	16
	Pembroke	160	15	05	0	09.2	-33	48	48	-	-	-	9	9	0	-	-	230	30	24	0	02.0	-28	55	52	5	-	-	8	8	15	-	-	2	ccr.crr	55	0.0	19
	Holyhead (Valley)	200	15	24	0	09.6	-20	50	49	6	-	-	8	8	30	3	06	090	10	12	0	09.1	-64	47	46	7	2	-	8	8	12	3	07	1	ccr.crr	50	0.1	10
8	Manchester	130	15	64	0	10.8	-12	54	45	2	7	-	8	8	84	4	20	080	08	18	0	03.2	-51	46	45	7	2	-	8	8	25	4	12	1	ccr.crr	55	0.0</	



# STATION MODEL



6h Wednesday 6<sup>th</sup> April

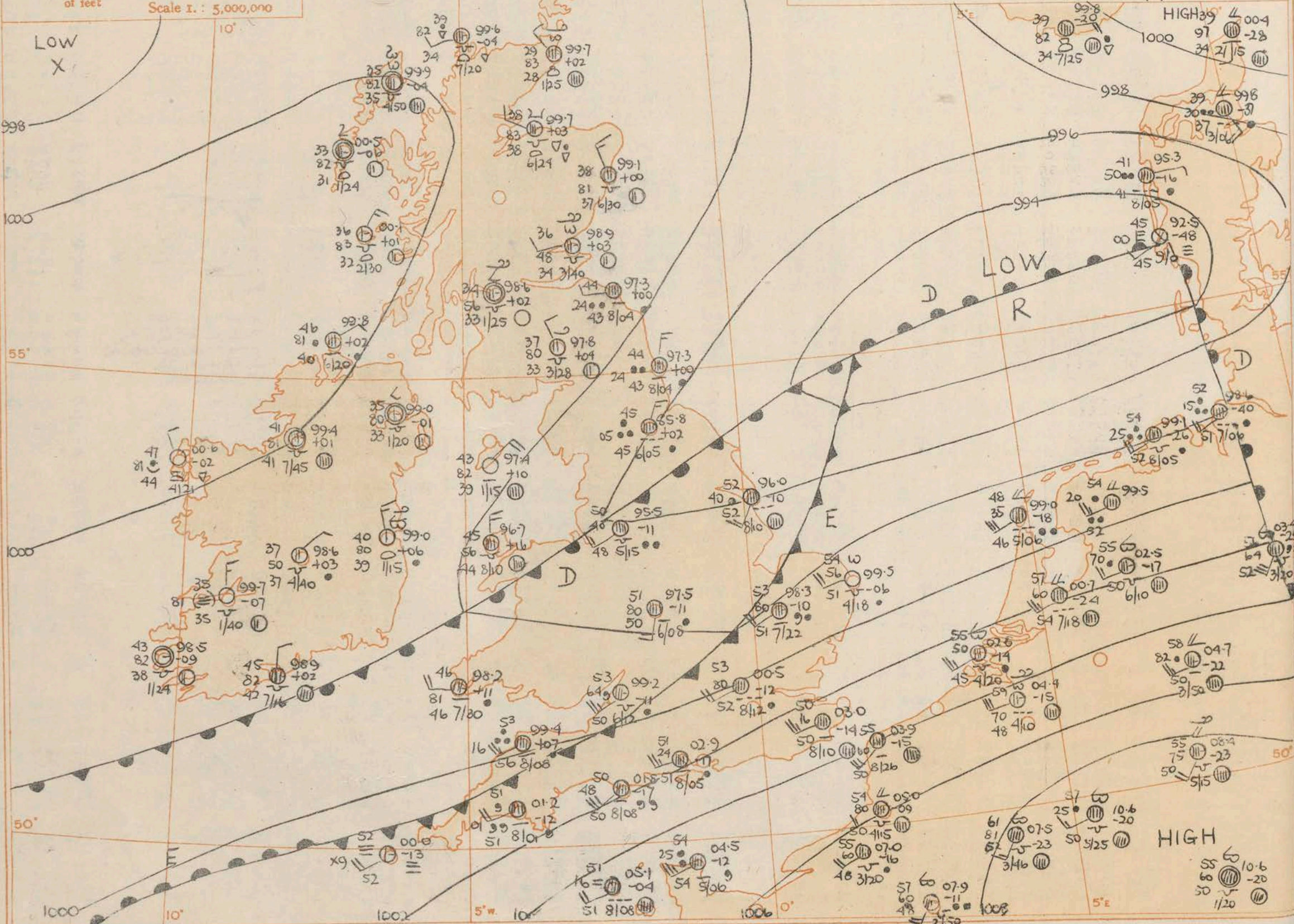
1949

## 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.	Min. on grass	Day	Night		13h %	21h %
Kew ...	ewc	pi	ci	55	52	52	2	3	0.2		
London Airport	pi	od	do	55	52	50	0.3	2	*	88	96
Greenwich ...	c	ci	ci	57	52	51	TR	4.8	0.2	80	78
Westminster				58	42	51	TR	4.1		84	84
Regents Park				58	63	51	TR	4.8		82	85
Camden Square	c	c		58	53	51	TR	4.6			84
Kensington ...	bccp	cp		58	52	50	TR	5.5		91	92
Hampstead ...	bcor	or	o	56	51	50	0.2	4.7			89

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 40.1 Time whole of period





# GENERAL INFERENCE

A depression off Southwest England is moving east-northeast.

It will be cloudy or dull over much of Southern England and the Midlands to-day with rain or drizzle at times, but the weather will probably improve in these areas to-night.

Over much of Scotland it will be mainly fair.

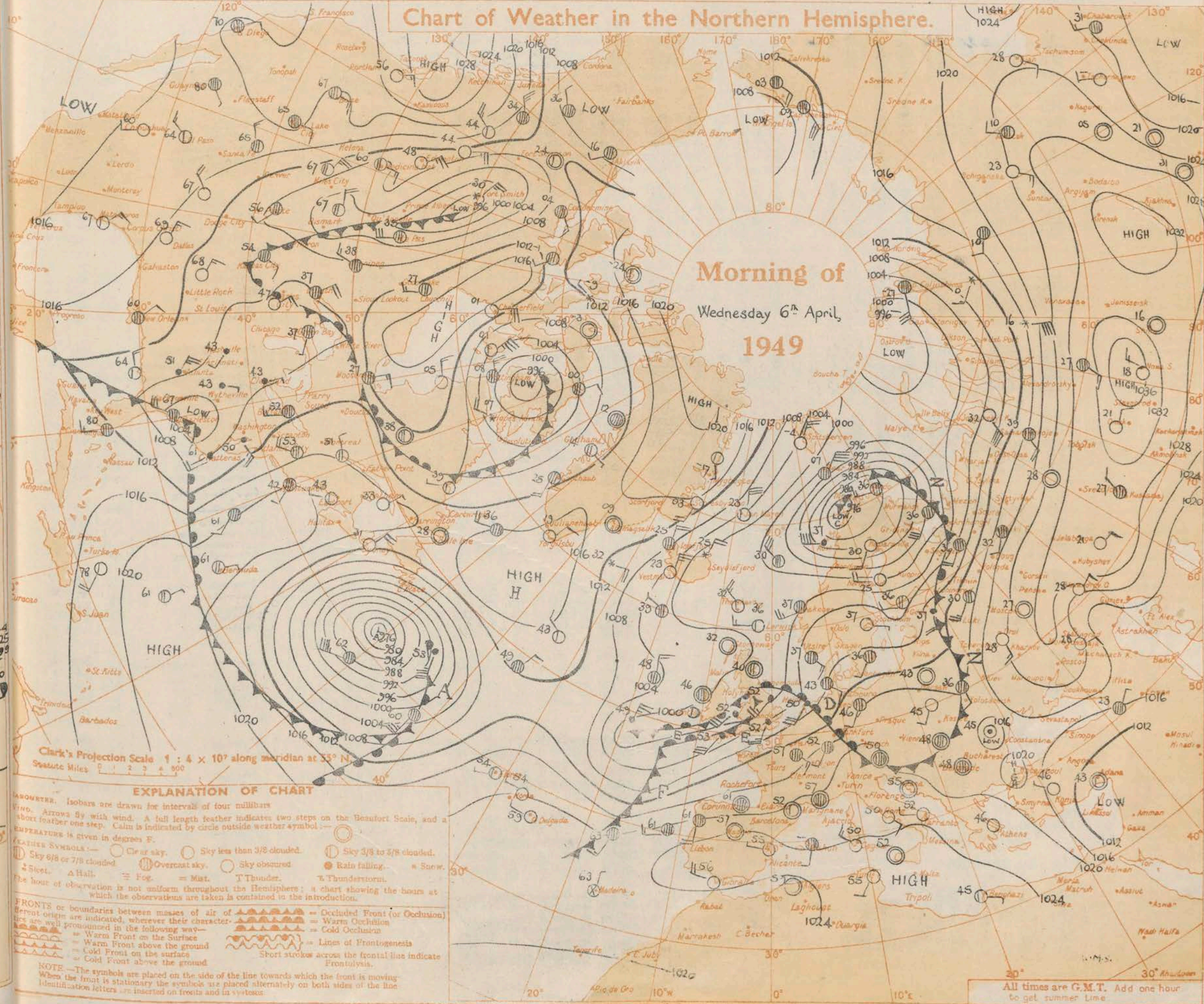
Temperatures by day will be about normal for the time of the year but frost is probable in many northern districts later tonight and possibly also in the South as well.

# FURTHER OUTLOOK

Fair periods and showers in many districts.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 6<sup>th</sup> April,  
1949





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Wednesday 6<sup>th</sup> April 1949  
No. 31912

OBSERVATIONS at 00hr. G.M.T. 6<sup>th</sup> April

OBSERVATIONS at 06hr. G.M.T. 6<sup>th</sup> April

OBSERVATIONS Tuesday NIGHT

[illegible]

\* Information not usually received.



OBSERVATIONS during DAY (6<sup>th</sup>)

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



**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

Station Model Data:

- Top Left (approx. 60°N, 100°W): High Cloud 30, Medium cloud 30, Temperature 30, Present weather 003, Visibility 10, Dew Point 30, Low cloud 30, Amount of Low cloud 30, Height of Low cloud 30, Total Amount of cloud 30, Wind 30, Barometer mb. 30, Bar. change in past 3 hours in tenths mbs. 30, Weather in past hour 30, Past weather 30.
- Bottom Right (approx. 36°N, 82°W): High Cloud 36, Medium cloud 82, Temperature 37.2, Present weather 01, Visibility 28, Dew Point 43.5, Low cloud 43.5, Amount of Low cloud 43.5, Height of Low cloud 43.5, Total Amount of cloud 43.5, Wind 43.5, Barometer mb. 43.5, Bar. change in past 3 hours in tenths mbs. 43.5, Weather in past hour 43.5, Past weather 43.5.

Scale 1. : 5,000,000

6. 在 1998 年 12 月 31 日, 公司应计提的坏账准备为 ( ) 元。

Thursday 7<sup>th</sup> April

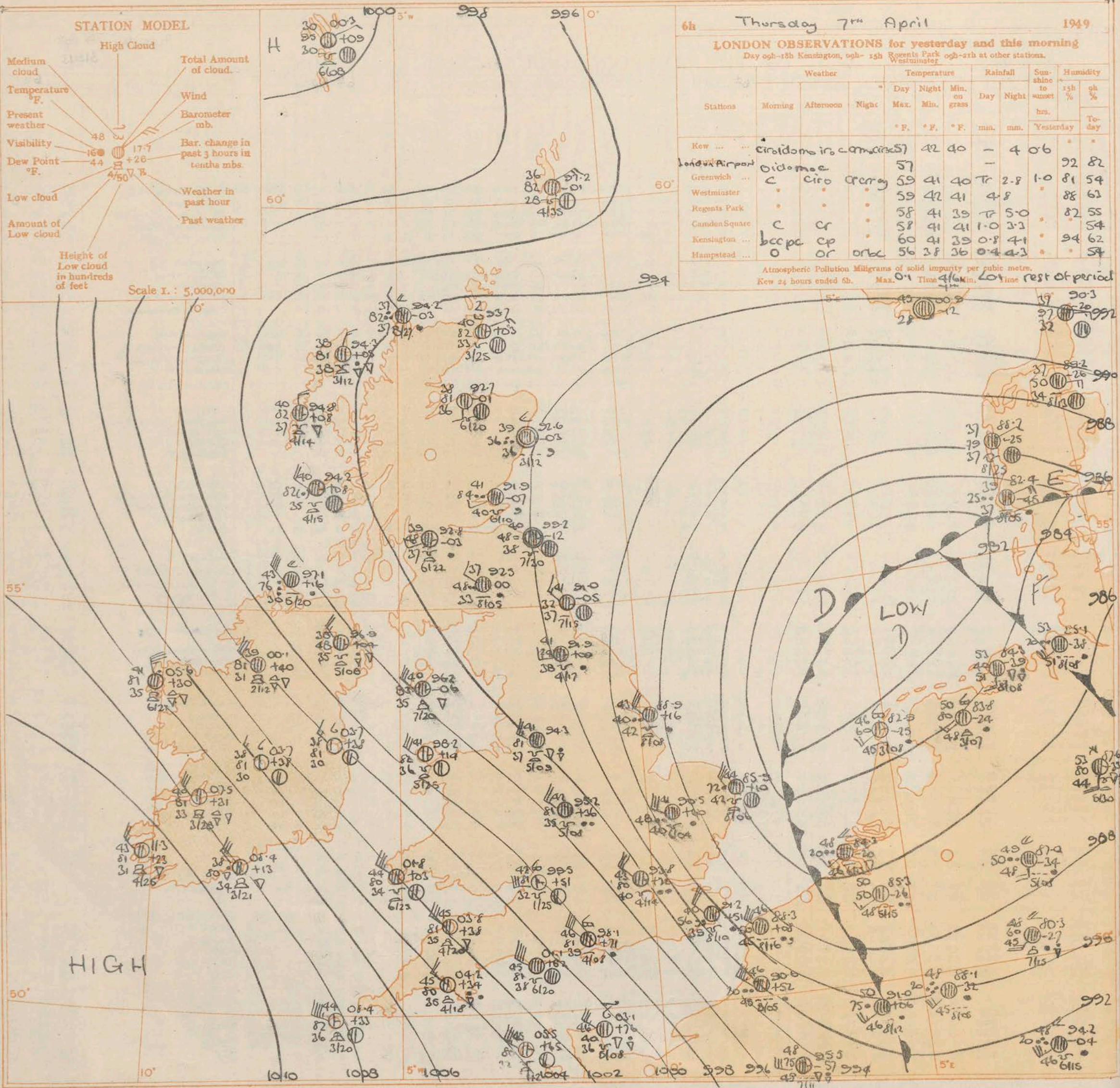
1949

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	15h %	9h %
				Max.	Min.		mm.	mm.		Yesterday	To- day
				° F.	° F.	° F.	mm.	mm.			
Kew ... ..	cloudy	cloudy	cloudy	57	42	40	-	4	0.6	.	.
London Airport	cloudy	cloudy	cloudy	57			-			92	82
Greenwich ...	C	C	Grey	59	41	40	Tr	2.8	1.0	81	54
Westminster	.	.	.	59	42	41	4.8			88	63
Regent's Park	.	.	.	58	41	39	Tr	5.0		82	55
Camden Square	C	cr	.	58	41	41	1.0	3.3			54
Kensington ...	bcepc	cp	.	60	41	39	0.8	4.1		94	62
Hampstead ...	O	or	orbc	56	38	36	0.4	4.3			54

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.1 Time 4/6 min. 201 Time rest of period





# GENERAL INFERENCE

A cold northwesterly air stream with strong winds covering the British Isles will give showers and bright periods in all areas. The showers will be heavy at times with local hail and perhaps thunder and will be of sleet or snow on higher ground in the north. Ground frost will occur in some sheltered areas early tomorrow.

# FURTHER OUTLOOK

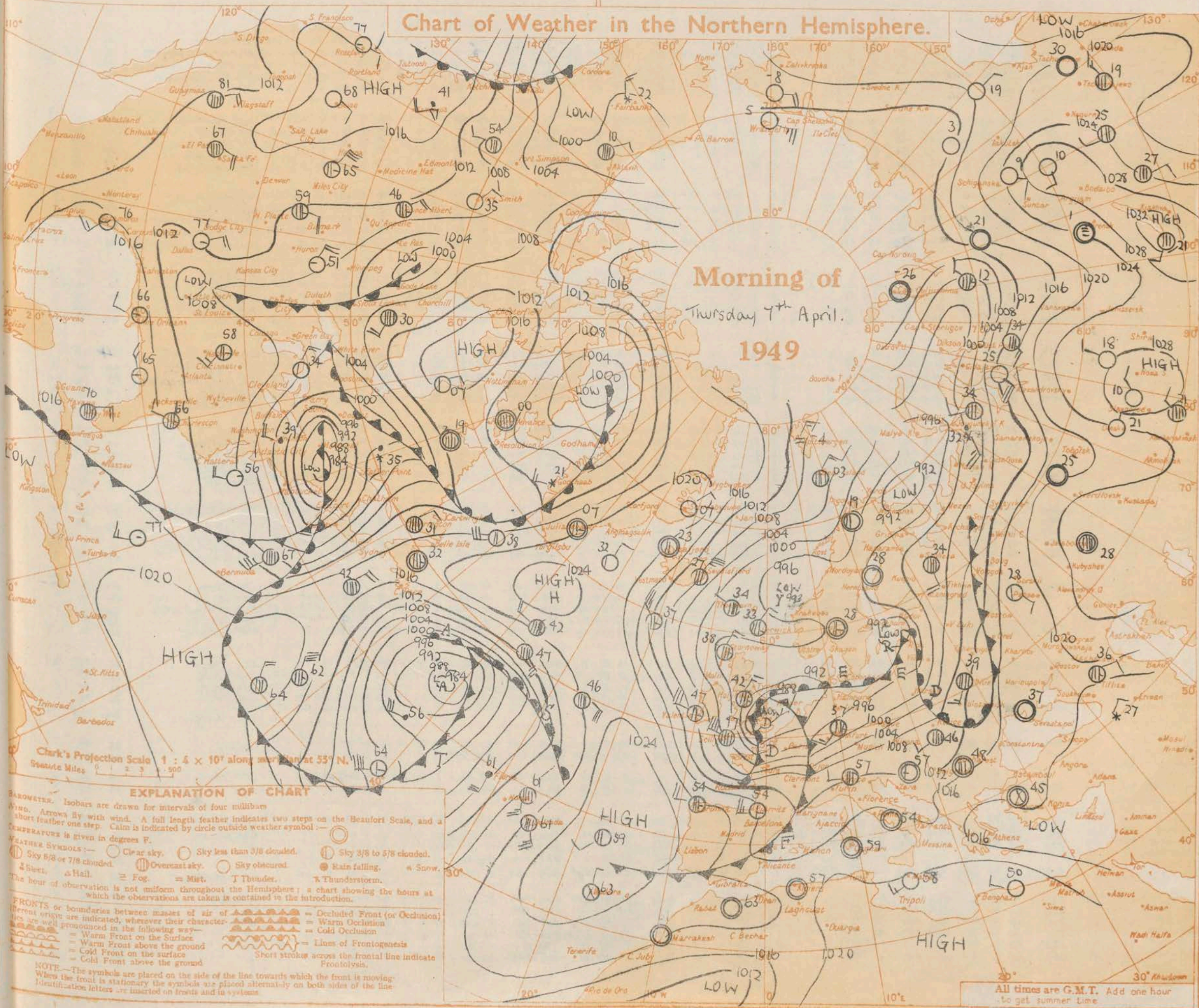
Rather cold or cold showery weather continuing with showers becoming more scattered with winds moderating. Ground and perhaps slight air frost in places at night.

# Gale Warning

North coasts are flying on east coasts from Hartlepool to Beachy Head on west coasts from River Dee to Exmouth and on south coasts.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 7<sup>th</sup> April.  
1949





OBSERVATIONS at 00hr. G.M.T. 7 <sup>th</sup> April.																OBSERVATIONS at 06hr. G.M.T. 7 <sup>th</sup> April.																OBSERVATIONS Wednesday NIGHT								
Dweller.	STATIONS.	Height above M.S.L.	Wind.		Pressure.	Temp.	Cloud.						Wind.	Temp.	Cloud.						9 h	Weather.	Temperature																	
			Direction (degrees).	Speed (kts.).			Form.	Main layer.	Lowest layer.	Form.	Main layer.	Lowest layer.			Form.	Main layer.	Lowest layer.	State of ground.	21 h.-00 h.	Min. °F.			Min. on Grass °F.	Ratio.																
																									(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
0	Kew	18				50							310	18	16	0	93.7	+30	46	39	5	-	-	8	8	18	-	-	1	erm.circ	42	40	4							
1	London Airport	82	220	06	64	87.4	-27	50	50	7	2	-	8	8	50	3	08	93.8	+72	40	40	5	-	6	7	4	30	4	14	1	erm.circ	41	40	3						
	Lymington	341	250	10	32	89.0	-29	47	46	5	-	-	8	8	29	-	-	91.2	+51	40	39	5	-	-	7	4	10	-	-	1	erm.circ	40	42	7						
	Tangmere	53	280	24	24	88.3	-28	49	48	5	-	-	8	8	10	-	-	96.2	+76	47	38	8	-	2	7	6	30	4	12	2	erm.circ	43	41	3						
	Calshot	8	250	06	80	88.6	-26	49	48	7	-	-	8	8	08	-	-	98.1	+71	46	39	6	7	-	6	4	08	-	-	1	cpr.r.bcb	43	40							
2	Boscombe Down	414	210	04	40	88.2	-22	49	48	7	-	-	7	7	15	-	-	290	+56	43	36	6	7	-	6	3	-	6	12	1	cd.d.r.cbc	41	37	3						
	Felixstowe	10	230	11	40	87.8	-39	50	49	5	-	-	7	7	30	-	-	28	+35	43	41	7	2	-	8	8	18	6	07	2	crr.cir	41	40	2						
	Gorleston	5	230	19	32	88.2	-40	53	50	5	-	-	8	8	20	-	-	24	+10	44	42	6	-	-	8	8	06	-	-	1	cir.cir	41	40	1						
	West Raynham	250	210	15	32	86.7	-34	52	49	7	-	-	8	8	16	2	12	24	+44	41	39	5	2	-	8	8	30	6	12	1	cir.d.d.pr	39	38	4						
	Mildenhall	15	200	08	40	86.2	-34	53	49	5	1	-	8	8	-	3	15	21	+60	41	40	5	-	-	8	8	08	6	04	1	cm.d.d.pr	39	39	3						
3	Cranfield	340	200	10	64	87.0	-30	50	47	5	-	-	8	8	54	6	20	300	+45	43	38	7	2	-	8	8	15	6	10	1	cir.cir	39	37	3						
	Honiley	427	340	15	32	85.3	-30	48	43	7	2	-	8	8	10	6	03	18	+36	42	35	5	-	-	8	7	50	5	08	2	cir.cir	40	38	9						
	Wittering	236	230	09	40	85.5	-33	51	49	5	-	-	8	8	32	-	-	17	+40	42	40	5	-	-	8	8	12	-	-	1	cir.cir	39	39	5						
	Watnall	306	010	15	09	88.7	-16	42	42	6	-	-	8	8	05	-	-	11	+30	41	39	7	2	-	8	5	10	4	08	2	crrm.cpr.c	39	38	13						
4	Little Rissington	740	250	11	48	86.3	-30	48	47	6	-	-	8	8	12	5	05	270	+46	41	35	8	3	-	6	5	20	3	12	1	cir.m.pr.crrb.cpr	39	37	2						
5	Ross-on-Wye	223											270	15	81	b	98.6	+40	41	33	8	-	3	2	2	25	-	-	1	rr.cbc	41	*	9							
	Shawbury	235	360	26	24	91.1	+20	42	41	6	2	-	8	8	32	6	06	26	+27	40	36	5	-	2	1	3	25	1	15	1	crrr.cpr	38	32	5						
	Bristol	209	200	12	56	87.3	-18	50	47	6	-	-	7	7	18	-	-	28	+51	42	32	5	7	-	3	1	25	-	-	1	cd.r.bccpr	40	35	1						
	Exeter	100	310	44	32	91.2	-25	47	43	9	-	-	8	8	21	3	13	26	+00	44	36	3	-	-	3	2	15	2	15	1	cpr.bccpr	42	36	1						
	Portland Bill	32	260	13	48	88.6	-13	49	47	6	-	-	7	8	10	-	-	37	+62	45	38	5	-	-	8	6	20	-	-	2	rr.ccc	44	*							
6	Plymouth	90	340	26	32	94.6	+58	46	41	-	2	-	8	8	11	-	-	310	+34	45	35	2	-	-	4	4	18	-	-	1	crrr.bccpr	44	40	1						
	Chivenor	20	340	30	64	94.6	+57	47	44	2	-	-	8	8	12	-	-	25	+38	45	35	2	-	-	4	4	20	-	-	1	crrr.m.pr.bcc	44	40	3						
	St. Eval	386	300	32	24	98.2	+62	47	43	5	-	-	6	6	13	-	-	27	+28	44	34	2	-	-	6	6	20	-	-	1	crrr.m.bccpr	39	36	0.4						
	Lizard	240	320	33	40	98.5	+95	45	43	9	-	-	7	7	15	-	-	31	+38	46	34	3	-	-	6	6	12	-	-	1	crrr.bccpr	44	*	3						
	Scilly, St. Mary's	163	300	39	82	00.9	+67	47	43	8	-	-	8	8	20	-	-	43	+33	44	36	3	-	-	3	3	20	-	-	1	od.cir.pbc	44	*	1						
7	Guernsey	340	200	25	04	90.6	+21	48	47	5	-	-	8	8	15	6	12	310	+65	45	32	8	-	-	5	5	15	3	12	1	cirpr	44	41	2						
	Aberporth	375	330	20	64	94.8	+42	45	44	6	2	-	8	8	47	6	14	300	+15	42	34	2	-	-	6	6	28	-	-	1	crrr.cir	40	36	2						
	Pembroke	142	310	29	64	94.8	+80	47	43	7	-	-	8	8	15	-	-	310	+03	44	34	8	-	-	6	6	25	-	-	1	og.m.ir.bccpr	42	*	-						
	Holyhead (Valley)	32	330	14	40	94.7	+16	46	44	5	-	-	7	7	25	-	-	23	+14	41	36	8	-	-	5	5	25	-	-	1	crrr.bccpr	38	37	1						
	Manchester	230	350	11	28	91.0	+05	41	40	7	2	-	8	8	30	4	18	19	+19	41	37	8	-	-	8	8	20	5	09	2	brm.ph	37	37	11						
8	Squires Gate	33	360	09	40	92.4	+03	43	42	5	2	-	8	8	97	6	40	280	+15	42	36	8	-	3	4	3	35	1	20	1	crrm.bccpr.c	39	37	4						
	Silloth	25	030	08	64	93.1	-08	42	39	5	-	-	7	7	65	-	-	10	+04	41	37	5	7	-	8	6	20	-	-	1	crrr.c	39	38	1						
	Finnungley	52	020	16	40	89.0	-21	42	41	7	-	-	8	8	09	-	-	12	+21	42	38	7	7	-	7	6	20	2	14	1	crrr.m.c	41	*	1						
	Spurn Head	28	050	17	16	88.8	-26	43	43	6	-	-	8	8	10	-	-	22	+16	43	42	8	-																	

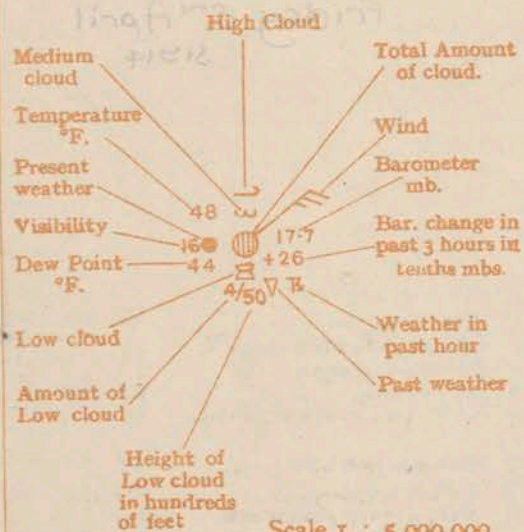


BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Friday 8<sup>th</sup> April 1949  
No. 31914OBSERVATIONS at 12h. G.M.T. 7<sup>th</sup> AprilOBSERVATIONS at 18h. G.M.T. 7<sup>th</sup> AprilOBSERVATIONS during DAY 7<sup>th</sup>

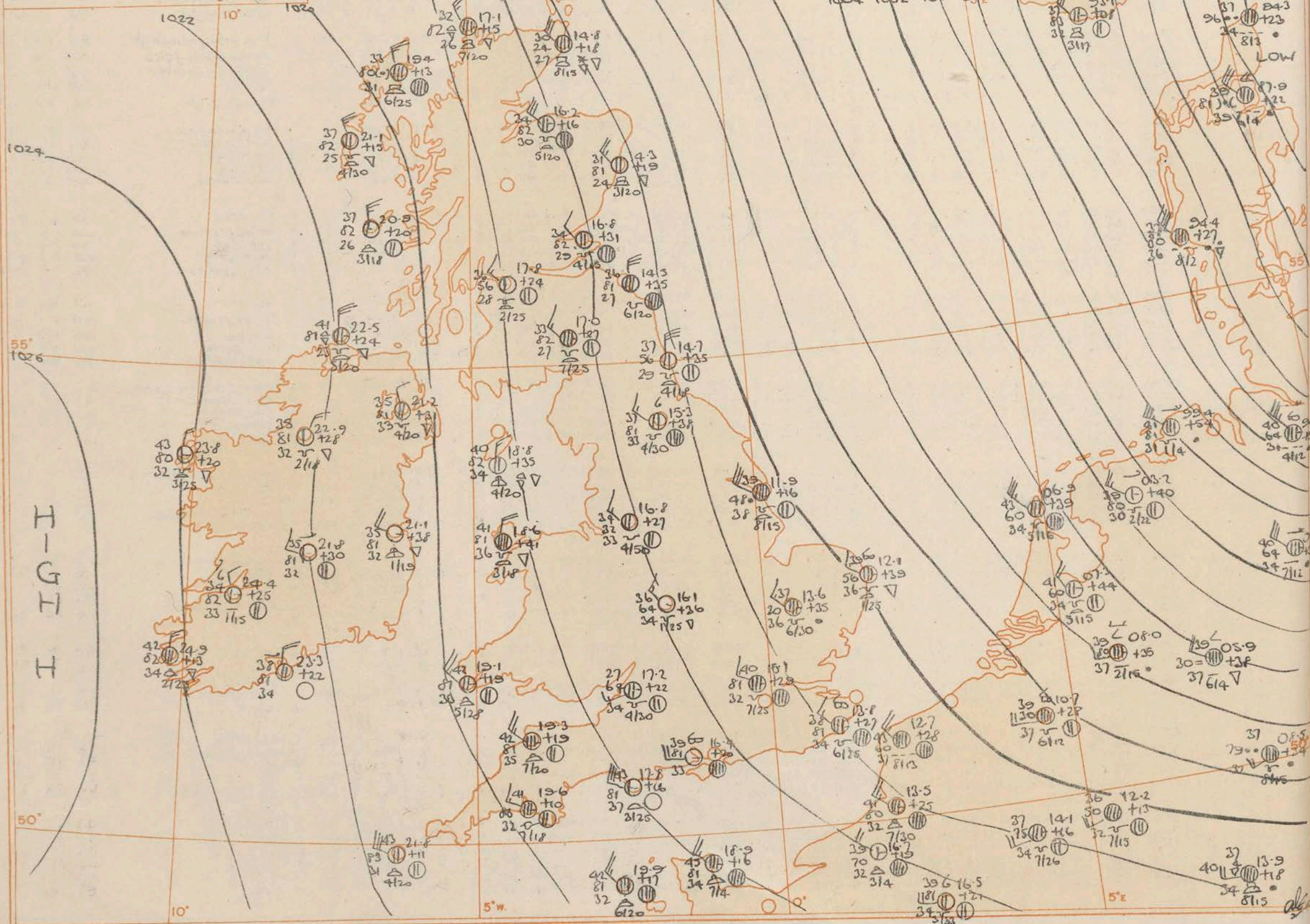
Distance.	STATIONS. (For heights see p. 4)	Wind.		Visibility (Code figure).	Present Weather.	Pressure.		Temp.		Cloud.						Wind. (Code figure).	Present Weather.	Pressure.		Temp.		Cloud.						21h State of ground.	Weather. 09 to 21 h.	Max Temp. 08h. 21h. (33)	Sun- shine. (38)	Rain Obs. 21h. mm. (37)																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Direction (degrees).	Speed (kts.).			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Dew point.	Form.	Total amount.	Main layer.	Ht. +.	Lowest layer.			Ht. +.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Dew point.	Form.	Total amount.	Main layer.	Ht. +.						Lowest layer.	Ht. +.																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																																			Low.	Medium.	High.	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8



## STATION MODEL



Scale 1 : 5,000,000



6h

Friday 8<sup>th</sup> April

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 set hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h	9h
				° F.	° F.	° F.	mm.	mm.	Yesterday	To-day	To-day
Kew ...				50	39	33	0.5	0.1	6.1		
Croydon ...	aprs	bbay	bbccrn	50	39	33	0.5	0.1	6.1	53	*
London Airport	Cpobyz	Fez	teax	52	38	33	Tr	0.1	*	53	*
Greenwich ...	Cp	Cpby	bcpc	49	38	33	0.8	0.3	6.0	40	74
Westminster				51	39	34	2.8			53	75
Regents Park				49	39	35	2.0	-		41	79
Camden Square	bc	crh		52	39	33	1.0	Tr		6.8	
Kensington ...	bcprh	bc		50	39	32	1.4	Tr		41	74
Hampstead ...											

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h.

Max. 10.1 Time whole period



# GENERAL INFERENCE

A cold northerly air stream covering the British Isles will give showers and bright periods in all areas, the showers being of snow on high ground particularly in the north. Showers will be only scattered in western districts and will die out in most places tonight except locally in the extreme east. Slight, perhaps keen, air frost will occur locally later tonight. In Northern Scotland there will be scattered showers of rain, sleet or snow with more continuous rain, sleet or snow spreading from the north tomorrow.

# FURTHER OUTLOOK

Fair in many places with night frosts but showers or occasional rain sleet or snow in northern and eastern Scotland and rain showers later in some other eastern districts.

# Gale Warning.

North cones are flying on eastern coasts from Whiten Head to Beachy Head and in the Orkneys and Shetlands.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 8th April.  
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. — 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. Add one hour to get summer time.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Friday 8<sup>th</sup> April 1949  
No. 31914OBSERVATIONS at 00hr. G.M.T. 8<sup>th</sup> AprilOBSERVATIONS at 06hr. G.M.T. 8<sup>th</sup> April

OBSERVATIONS Thursday NIGHT

Direction	STATIONS	Height above M.S.L.	Wind										Pressure										Temp.										9 h	Weather			Temperature								
			Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Dew point		Low		High		Total amount		Main layer		Lowest layer		Form		Total amount			Main layer		Lowest layer		State of ground	21 h.-00 h.			21 h.-00 h.			
			(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)	(38)		(39)	(40)	(41)	(42)	(43)		
0	Kew	18																																											
	London Airport	82	270		15	81	c	10.1	+23	40	32	5		6	6	12																													
1	Lympne	341	290		18	80	bc	08.7	+18	37	31	5		5	5	25																													
	Tangmere	63	300		11	64	b	11.5	+14	37	33	5		1	1	30																													
	Calshot	8	290		22	81	b	12.7	+23	39	34	1		0	0	0																													
	Boscombe Down	414	280		10	72	b	12.8	+26	35	32	1		0	0	0																													
2	Felixtowe	10	300		25	56	bcld	06.3	+24	41	32	5		4	3	27																													
	Gorleston	5	290		20	64	c	04.9	+33	39	37	3		6	6	80																													
	West Raynham	250	310		14	64	c	05.8	+36	38	35	5		6	5	17																													
	Mildenhall	15	290		4	32	ir	06.4	+26	40	38	5		8	8	17																													
3	Cranfield	340	280		10	81	c	08.8	+27	39	32	5		8	8	28																													
	Honiley	427	260		09	80	c	10.4	+24	39	29	5		7	7	35																													
	Wittering	236	360		12	24	pr	08.0	+32	38	36	2		8	8	16																													
	Watnall	366	300		08	74	pr	07.0	+42	34	33	2		8	8	12																													
4	Little Rissington	740	290		16	99	bc	11.0	+18	36	30	3		5	5	81																													
	Ross-on-Wye	223	290		27	81	c	10.6	+28	41	32	8		7	7	25																													
	Shawbury	235	270		13	80	b	13.7	+30	37	32	1		0	0	0																													
5	Bristol	209	310		25	82	b	15.5	+24	41	31	1		0	0	0																													
	Exeter	100	310		37	81	bc	15.1	+33	43	36	3		3	3	30																													
	Portland Bill	32	300		37	81	bc	15.1	+33	43	36	3		3	3	30																													
	Plymouth	90	290		08	80	bcpr	17.7	+24	40	35	3		3	3	12																													
	Chivenor	20	310		28	81	bc	16.4	+29	42	32	5		3	3	20																													
	St. Eval	386	300		21	81	bc	18.9	+17	42	33	2		3	3	15																													
	Lizard	240	300		26	80	b	18.7	+18	44	32	1		2	2	25																													
	Scilly, St. Mary's	163	310		21	83	bc	20.1	+13	45	32	3		3	3	20																													
	Guernsey	340	300		20	82	c/pr	17.9	+19	40	34	9		7	7	18																													
	Aberporth	375	290		18	81	c	14.9	+29	40	33	2		6	6	25																													
6	Pembroke	142	310		35	81	b	15.5	+18	42	31	1		1	1	30																													
7	Holyhead (Valley)	32	310		23	81	c	11.9	+18	41	33	3		7	7	81																													
8	Manchester	230	340		10	40	ph	08.1	+29	40	38	3		8	8	19																													
	Squires Gate...	93	050		12	64	c	08.6	+22	40	37	8		7	5	14																													
	Silloth	25	020		12	83	c	09.8	+33	38	36	3		6	5	99																													
9	Finningley	52	290		07	32	bc	07.4	+37	38	35	5		5	3	25																													
10	Spurn Head	29	310		14	56	c	06.4	+37	41	39	8		6	6	20																													
	Leeming	105	350		08	64	c	07.8</																																					

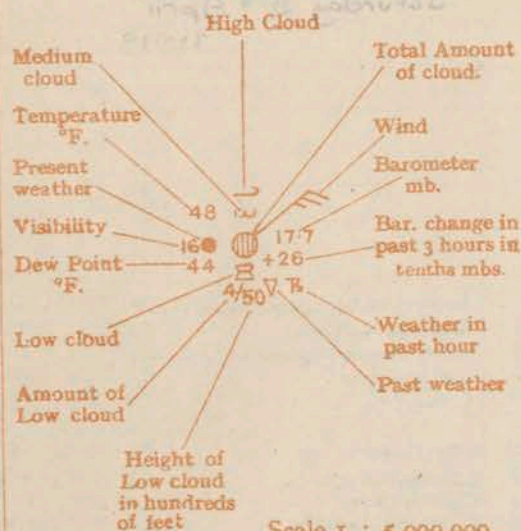


BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Saturday 9<sup>th</sup> April 1949  
No. 31915OBSERVATIONS at 12h. G.M.T. 8<sup>th</sup> AprilOBSERVATIONS at 18h. G.M.T. 8<sup>th</sup> AprilOBSERVATIONS during DAY (8<sup>th</sup>)

District.	STATIONS. (For heights see p. 4)	Wind.		Pressure.	Temp.		Cloud.				21h	Weather.																									
		Direction (degrees).	Speed (kts.).		Bar at M.S.L. Change in 3 hrs.	Dry Bulb. °F. °C.	Wet Bulb. °F. °C.	Low.	Medium.	High.		Total amount. 0-8 0-8	Main layer. Ht. +.	Lowest layer. Ht. +.	State of ground	09 to 21 h. (34)	Max Temp. 09h. 21h. (35)	Sun- shine. (36)	Rain 09h. 21h. (37)																		
																				Form.	Total amount. 0-8 0-8	Main layer. Ht. +.	Lowest layer. Ht. +.														
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	
0	Kew ...	350	12.48	pr	19.9	+21	45	25	2	-	-	7	7	25	-	-	350	18.30	b	21.9	+16	46	21	2	-	-	2	2	31	-	-	1	bczoprocma pnczaby	48	5.3	Tr	
1	London Airport	330	12.64	C	19.8	+19	46	32	9	6	3	6	4	20	-	-	320	15.81	b	22.0	+13	44	25	2	-	-	1	1	39	-	-	1	bcpnocybzo	50	x	Tr	
	Lympe	010	10.64	pr	18.2	+18	45	32	8	-	-	7	2	50	6	25	350	07.40	bc	21.2	+15	39	33	1	-	-	1	1	30	-	-	1	cmoccpobcprbcmoide	48	3.1	Tr	
	Tangmere	010	17.81	C	20.0	+23	47	32	3	6	-	6	5	30	-	-	350	08.82	bc	22.0	+7	44	34	8	6	-	3	2	40	2	35	1	bcpnoby	51	1.4	Tr	
	Calshot	350	12.80	C	20.5	+13	47	36	2	-	-	6	6	20	-	-	330	10.81	C	22.7	+16	46	37	8	6	-	6	6	25	-	-	0	cbcyby	51	8.0	-	
2	Boscombe Down	330	12.81	C	20.5	+15	48	30	2	-	-	6	6	25	-	-	330	09.80	bcpr	22.8	+15	44	29	2	6	-	5	5	30	-	-	0	ccpophoby	50	5.3	Tr	
	Felixstowe	350	15.80	pr	17.8	+24	43	33	2	-	-	6	6	30	-	-	350	14.72	C	20.7	+17	41	31	3	-	-	7	7	18	5	09	1	ccpophob	48	5.4	0.3	
	Gorleston	240	25.86	pr	16.3	+23	43	38	7	-	-	7	7	28	-	-	340	32.64	bc	19.4	+08	40	37	1	6	-	4	1	25	-	-	1	cpnbc	44	5.1	Tr	
	West Raynham	340	20.81	C	18.0	+19	40	29	8	6	-	7	6	30	4	15	350	12.80	bc	20.2	+12	39	27	3	-	-	3	3	35	3	20	0	cpnmbcgb	41	3.2	0.6	
3	Mildenhall	350	15.80	pr	18.9	+21	43	34	8	-	-	6	4	25	3	20	330	12.80	C	21.0	+11	42	31	8	6	-	6	5	30	3	20	1	cmobcpnbcphoycb	46	4.1	Tr	
	Cranfield	360	10.56	pr	19.4	+13	41	32	3	-	-	7	7	15	-	-	300	11.80	bc	21.1	+13	43	23	2	-	-	3	3	25	-	-	0	cycbcpnbcybycbzo	47	7.5	0.1	
	Honiley	340	10.64	C	20.5	+12	46	31	2	-	-	6	6	25	-	-	340	13.80	b	23.2	+10	41	23	4	-	-	1	1	40	-	-	1	cbcybyzo-bczo	46	8.4	-	
	Wittering	350	13.81	C	19.6	+16	44	31	8	-	-	6	6	25	2	15	020	13.64	bc	21.3	+10	41	25	3	-	-	3	2	38	2	20	1	pcnocybcpnbc	45	6.6	0.2	
4	Watnall	210	09.40	C	19.8	+13	41	30	2	-	-	7	6	25	-	-	310	10.64	pr	21.9	+13	41	29	2	6	-	7	6	30	-	-	1	beycpc	46	6.0	Tr	
	Little Rissington	360	09.64	C	20.4	+16	44	27	2	-	-	7	7	25	-	-	340	15.82	bc	23.8	+19	40	20	4	-	-	1	3	2	25	-	-	1	bczoypso-cpnbyb	46	8.1	0.1
5	Ross-on-Wye	310	08.82	C	21.2	+13	48	32	3	-	-	6	6	30	-	-	340	12.82	b	24.2	+20	43	22	4	-	-	1	1	30	-	-	1	bcpbcb	48	8.8	Tr	
	Shawbury	340	20.81	bcpr	21.7	+20	46	32	2	-	-	4	4	30	-	-	340	20.82	bc	24.3	+13	41	28	4	-	-	4	4	30	-	-	1	bcpnbcpr	46	10.7	Tr	
	Bristol	360	12.82	bc	21.4	+16	48	29	2	6	-	5	4	25	-	-	360	20.64	b	23.8	+12	44	27	2	-	-	2	2	25	-	-	1	ccpophob	51	7.0	Tr	
	Exeter	050	10.83	pr	22.3	+15	48	36	2	-	-	3	7	20	-	-	340	22.82	b	24.6	+15	46	31	2	-	-	1	1	20	-	-	1	cpnbcyb	51	7.5	0.2	
	Portland Bill	310	19.81	bc	21.8	+12	49	40	2	-	-	5	5	30	-	-	010	13.81	bc	23.6	+13	47	40	5	-	-	5	5	30	-	-	0	ccbc	51	-	-	
6	Plymouth	340	08.82	C	22.6	+04	49	36	2	-	-	6	4	85	3	20	340	10.81	b	25.6	+16	47	30	2	1	-	2	2	30	-	-	1	bcbcyby	51	10.5	0.1	
	Chivenor	350	15.83	bc	23.2	+22	48	37	2	-	-	1	4	20	-	-	340	17.82	b	25.6	+11	44	27	1	-	-	1	1	20	-	-	0	cvbcbvbr	51	10.1	-	
	St. Eval	360	16.82	C	24.5	+08	46	40	8	-	-	6	7	24	8	20	350	16.82	bc	26.7	+11	44	30	2	-	-	3	3	25	-	-	1	cpnbcyb	48	6.6	Tr	
	Lizard	320	12.80	C	24.1	+17	48	36	5	-	-	7	7	20	-	-	350	09.82	b	25.7	+09	46	34	2	-	-	2	2	25	-	-	0	cb	51	8.2	-	
	Scilly, St. Mary's	350	13.82	C	25.0	+16	48	36	8	-	-	7	7	20	-	-	260	12.83	bc	26.9	+10	46	35	1	-	-	3	3	20	-	-	0	ccc	50	8.3	-	
7	Guernsey	330	16.82	bc	22.7	+12	48	36	8	-	-	3	3	2	26	1	22	330	08.82	bc	24.1	+05	46	40	1	4	1	4	3	25	2	15	1	cbcpn	49	3.1	Tr
	Aberporth	340	09.81	bc	23.7	+24	43	35	8	-	-	5	5	35	3	16	330	09.82	b	25.7	+07	42	31	2	-	-	4	2	1	21	-	-	0	cbcpnbcby	49	3.8	-
	Pembroke	360	16.81	bc	24.5	+10	47	35	2	-	-	9	5	3	25	-	-	020	11.81	b	26.8	+12	44	28	1	4	-	1	1	25	-	-	1	bcpnbc	49	10.5	Tr
	Holyhead (Valley)	360	19.82	pr	24.0	+21	43	31	3	-	-	7	7	20	-	-	360	17.82	pr	25.7	+05	44	32	2	-	-	5	5	25	-	-	1	cpnbcyb	45	3.4	0.1	
8	Manchester	310	16.81	C	20.6	+12	43	27	2	-	-	7	7	25	-	-	310	18.80	bc	22.6	+08	42	26	1													



# STATION MODEL



LOW

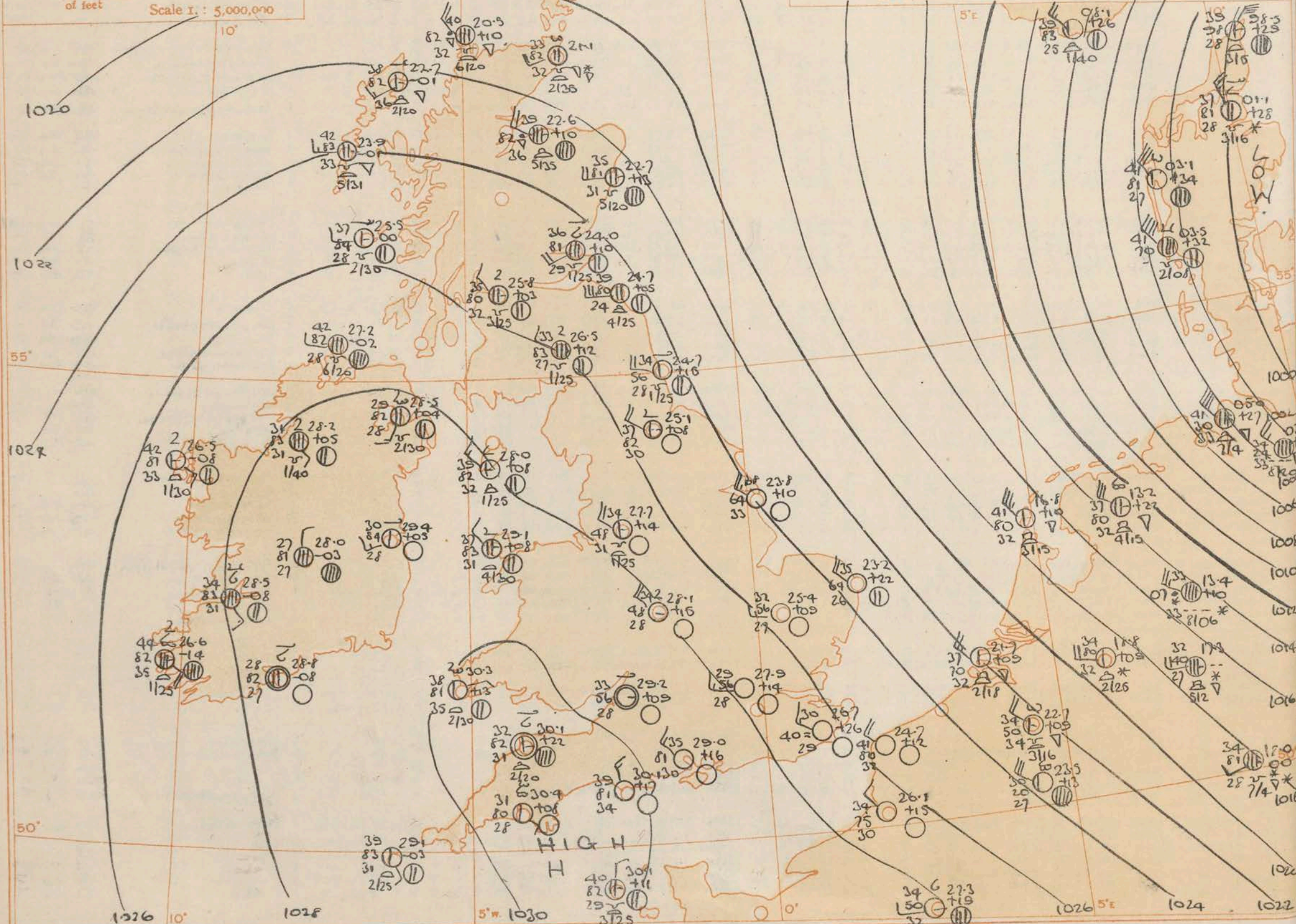
6h Saturday 9<sup>th</sup> April 1949

## 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.	Min. on grass	Day	Night		Yest.	To-day
Kew	bczoprocobzobzby	48	33	24	Tr	Tr	5.3				
London Airport	bcphoroybzobzobm	50	28	24	Tr	-	#	55	64		
Greenwich	cpr	48	33	26	0.5	-	3.8	60	54		
Westminster		50	33	26	0.3			56	61		
Regents Park		49	33	30	0.3	-		52	60		
Cannden Square	c	crh6	50	33	31	1.0	-		60		
Kensington	bcphbc	bcphbc	50	33	26	0.6	Tr	52	57		
Hampstead	bcorn	bc	47	31	27	0.9	-		54		

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 20.4 Time 10h 8min. 10.4 Time 12.19h 8.14





# GENERAL INFERENCE

An anticyclone centred over Southwest districts is moving Southeast while troughs of low pressure on the Atlantic are moving eastwards. It will be fair in most places today apart from the chance of a few showers in some eastern districts this afternoon. Cloudier conditions with occasional rain or drizzle will spread from the west to Ireland and Western and Northern Scotland during tonight and cloud will increase in Wales and many Western districts of England tomorrow. It will be generally warmer than at late although slight frost will occur in eastern and perhaps midland districts of England tonight.

# FURTHER OUTLOOK

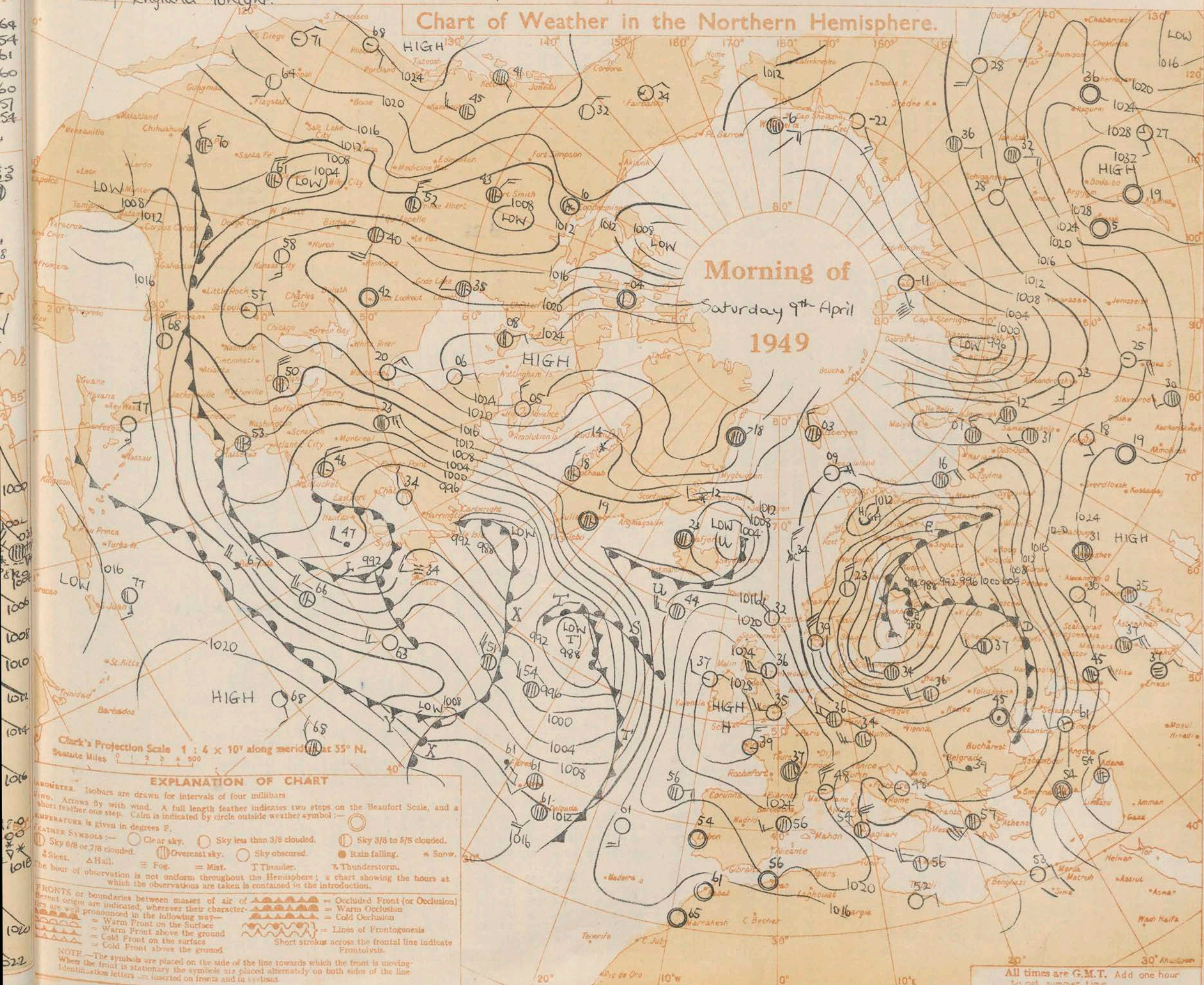
Fair in the Midlands, East and Southeast England, mainly cloudy with local rain or drizzle elsewhere.

Gale Warning.

South cones are flying over Orkneys and Shetlands, and along east coast from Dornoch Firth to Beachy Head.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 9th April  
1949



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 0 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 (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. Add one hour to get summer time.



OBSERVATIONS Friday. NIGHT

\* Rainfall read at 06:00.

\* Information not usually received.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Sunday 10th April 1949  
No. 3916

OBSERVATIONS at 12h. G.M.T. 9th April

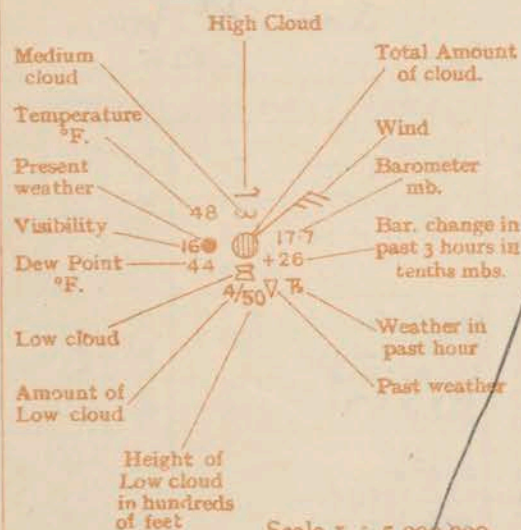
OBSERVATIONS at 18h. G.M.T. 9th April

OBSERVATIONS during DAY (9th)

District.	STATIONS. (For heights see p. 4)	Wind.		Present Weather.	Pressure.		Temp.		Cloud.						Wind.		Present Weather.	Pressure.		Temp.		Cloud.						21 h State of ground	Weather.  09 to 21 h. (34)	Max. Temp. 09h. 21h. °F (35)	Sun- shine. 21h. min. (36)	Rain 09h. 21h. mm. (37)										
		Direction (degrees).	Speed (kts.).		Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb. °F.	Dew point °F.	Form.						Direction (degrees).	Speed (kts.).		Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb. °F.	Dew point °F.	Form.																				
									Low.	Medium.	High.	Total amount.	Main layer.	Ht. ft.	0-8 Amt.	Ht. ft.							Low.	Medium.	High.	Total amount.	Main layer.	Ht. ft.	0-8 Amt.				Ht. ft.									
0	Kew ... London Airport ... Lymington ... Tangmere ... Caishot ...	320 330 350 360 330	13 09 15 10 03	46 81 81 81 81	b b bc b b	29.0 29.1 27.9 29.6 30.2	+0.8 +0.1 -0.1 -0.1 -0.1	49 49 50 50 49	27 32 33 32 32	1 1 1 1 1	- - - - -	2 2 3 2 1	2 2 2 3 1	31 35 30 30 12	- - - - -	- - - - -	320 310 010 250 260	07 09 05 09 10	16 82 81 82 81	bc b bc b b	28.6 28.6 28.5 29.2 29.6	-0.1 -0.2 +0.4 -0.2 -0.2	51 51 47 47 47	22 26 32 35 34	4 4 1 1 4	- - - - -	6 1 6 0 1	4 1 3 0 1	3 1 2 0 1	- - - - -	2 - - - -	35 - - - -	1 1 1 0 0	bcbymfw bybcb b20 bc ybcb b20 bc ybcb bby20 bmo bby20	52 53 53 53 53	12.1 * 11.3 11.8 12.0	- - - - -					
1	Boscombe Down ... Felixstowe ... Gorleston ... West Raynham ... Mildenhall ...	330 320 310 330 320	04 16 19 13 10	81 72 56 82 81	b bc bc bc c	30.0 27.3 28.9 26.7 27.5	-0.6 +0.9 +1.0 +1.0 +0.4	49 50 46 46 48	31 30 33 30 30	1 1 1 1 1	- - - - -	1 5 5 4 6	1 5 5 4 6	22 24 30 28 25	- - - - -	- - - - -	260 350 310 310 290	03 01 12 02 02	81 64 64 80 48	b bc b bc bc	28.6 27.5 27.3 27.4 27.8	-0.4 +0.1 +0.8 +0.7 +0.3	50 50 47 45 48	28 33 38 33 36	- 4 - - 5	4 7 - 1 -	1 5 1 3 4	1 3 1 3 4	- - - - -	- - - - -	- - - - -	0 1 0 1 0	bybcb c20 c20 c20 cmo bc bcb cmo bcb cmo bcb cmo bcb cmo	53 52 50 50 51	11.9 10.5 12.0 10.6 10.4	- - - - -						
2	Cranfield ... Honiley ... Wittering ... Watnall ...	310 320 310 320	10 08 16 09	80 80 64 64	bc bc bc bc	28.3 29.5 28.3 27.9	-0.2 +0.1 +0.4 +0.0	48 48 47 47	26 28 33 31	1 1 2 2	- - - -	4 3 4 5	4 3 4 5	20 25 20 25	- - - -	- - - -	290 290 300 290	05 05 08 04	81 81 64 80	bc c bc c	27.9 28.3 28.1 27.8	-0.4 -0.8 +0.0 -0.1	48 49 47 47	28 29 32 31	4 4 4 4	- 3 4 -	6 4 5 8	5 6 3 6	2 4 1 6	28 35 35 40	- - - -	- - - -	0 1 1 0	bcb cbc b20 by cyby b20 by c20 bc y m o b m o bby cbc	51 51 50 52 50	11.3 10.3 11.3 10.0 11.3	- - - - -					
3	Little Rissington ...	290	11	82	bc	29.5	-0.3	46	28	1	-	3	3	28	-	-	270	07	81	bc	28.6	+0.0	47	27	4	-	5	4	1	30	-	-	0	bby cbc	50	11.3	-					
4	Ross-on-Wye ... Shawbury ... Bristol ... Exeter ... Portland Bill ...	300 270 270 200 230	05 06 08 08 05	83 82 81 81 81	bc bc b b bc	30.0 29.4 28.4 31.1 31.8	+0.0 -0.3 +0.1 +0.0 -0.5	49 48 50 50 46	31 31 27 32 34	1 1 1 1 1	- - - - -	4 5 2 2 2	4 5 1 1 1	35 25 30 25 30	- - - - -	- - - - -	280 270 270 180 240	09 12 03 07 09	80 82 80 82 81	bc bc c bc bc	28.8 28.3 28.6 30.2 30.6	+0.0 -0.1 -0.9 +0.1 -0.8	50 49 50 45 45	29 31 32 32 36	5 1 - 3 -	8 6 2 2 5	4 5 6 4 4	4 1 1 1 0	35 30 30 30 0	- - - - -	- - - - -	1 0 0 1 0	bby cbc bc by b c20 bwb cbc bc	53 52 53 52 48	11.2 10.5 11.6 11.5 *	- - - - -						
5	Plymouth ... Chivenor ... St. Eval ... Lizard ... Scilly, St. Mary's ...	200 210 180 100 130	05 03 08 03 14	81 82 82 82 83	bc bc b b bc	31.1 30.8 31.0 30.4 28.9	+0.8 -0.1 +0.2 +0.1 +0.1	50 51 49 50 51	36 32 31 36 34	1 1 1 1 1	- - - - -	2 3 3 1 3	2 1 2 1 2	25 20 30 20 25	- - - - -	- - - - -	120 310 180 120 160	05 03 10 02 12	81 82 82 82 83	c c c bc o	29.7 29.2 29.2 29.1 27.7	-0.5 -0.2 -0.7 -0.4 -0.8	45 46 48 47 47	32 36 32 35 25	- - - - -	3 4 7 7 1	6 6 6 5 8	6 5 6 5 8	- 83 25 1 25	- - - - -	0 0 0 0 0	bcb cbc bcb cbc bcb cbc bcb cbc bcb	50 53 50 50 51	11.0 10.9 10.5 10.5 9.8	- - - - -							
6	Guernsey ... Aberporth ... Pembroke ... Holyhead (Valley) ... Manchester ...	- 290 200 230 290	0 07 09 12 08	83 83 81 81 81	b c c bc c	31.7 29.8 30.4 29.8 26.6	+0.8 +0.0 +0.4 +0.3 +0.0	46 47 49 44 46	30 33 36 33 31	- 5 2 1 1	- - - - -	1 7 6 5 6	0 3 4 4 30	- - - - -	- - - - -	- - - - -	090 - 230 200 290	02 - 04 12 10	82 86 81 83 84	b c o bc bc	30.5 28.5 29.1 27.8 28.2	-0.2 -0.4 -0.8 -1.0 -0.0	47 46 46 46 45	34 36 34 34 32	- 4 1 1 1	1 7 8 7 6	2 4 8 1 4	0 21 48 40 35	- - 1 - -	- - - - -	0 0 0 1 0	bcb bc bcb bc bcb bc bcb bc bcb bc	50 47 49 49 49	12.0 8.2 9.8 10.3 9.8	- - - - -							
7	Squires Gate... Silloth ... Finningley ... Spurn Head ... Leeming ...	280 260 340 310 330	15 12 10 14 10	83 83 80 56 83	b c c bc c	28.9 26.9 27.2 26.3 26.8	+0.6 +0.1 +0.4 +0.5 +0.8	47 46 48 47 48	35 36 30 36 31	1 1 2 1 1	- - - - -	2 6 6 5 6	1 4 6 5 6	28 25 25 20 40	- - - - -	- - - - -	280 350 340 290 270	13 11 10 05 10	83 83 56 40 82	bc bc bc bc bc	28.2 26.5 27.6 26.9 26.8	-0.6 +0.4 +0.8 +0.1 -0.3	45 44 47 46 45	34 39 30 38 34	1 1 - 1 5	2 9 - - 4	5 5 0 5 3	5 35 0 20 35	- - - - -	- - - - -	0 0 0 0 1	bcb ybc bcb ybc bcb ybc bcb ybc bcb ybc	48 48 51 50 51	11.2 * * 10.5 7.9	- - - - -							
8	Tynemouth ... St. Abb's Head ... Leuchars ... Eskdalemuir ... Prestwick ...	310 270 240 260 260	09 13 15 11 12	56 64 83 82 81	c bc bc c c	28.9 24.2 24.3 26.0 27.1	+0.2 +0.2 +0.1 +0.8 +0.4	48 44 49 47 48	28 31 26 34 34	8 4 1 1 8	- - - - -	6 4 5 7 6	6 4 5 7 32	25 35 25 28 21	- - - - -	- - - - -	310 270 230 250 220	09 09 15 12 08	56 80 82 82 82	b bc b c c	26.2 23.2 23.8 25.6 25.6	+0.1 -1.4 -0.3 -0.3 -1.0	47 46 49 43 46	29 27 31 28 31	5 2 5 4 5	- - - - -	2 4 3 7 6	2 35 35 36 40	- - - - -	- - - - -	0 0 1 0 1	ebcb cmo bcm bc bc bc bcb cbc	51 49 53 48 49	* * 11.2 7.2 7.0	- - - - -							
9	West Freugh... Ronaldsway ... Tiree ... Benbecula ... Stornoway ...	250 240 180 200 260	08 12 08 13 17	84 84 84 84 82	c bc c c c	27.8 28.9 25.6 24.5 23.3	+0.3 +0.5 +0.3 +0.2 +0.3	47 48 48 47 48	29 34 28 29 36	5 1 5 5 2	- - - - -	7 3 6 4 6	4 2 6 2 28	- - - - -	- - - - -	- - - - -	200 210 180 200 230	08 10 16 21 13	82 85 84 83 81	c c c c bc	26.0 27.0 25.9 21.8 21.7	-1.2 -1.0 -1.9 -1.7 -1.8	44 45 45 45 45	34 35 34 35 33	5 - 1 5 5	4 8 6 6 2	8 7 1 2 5	1 0 25 26 50	- - - - -	- - - - -	0 1 0 2 2	cbbyc cbbyc cbbyc cbbyc cbbyc	49 47 50 48 50	* 10.7 8.7 6.7 5.8	- - - - 0.2							
10	Cape Wrath ... Sule Skerry ... Loch Rannoch ... Dyce ... Lossiemouth ...	270 270 270 270 270	19 20 15 20 15	82 82 82 82 82	bc bc bc bc bc	21.5 23.6 23.4 23.6 23.4	+0.3 +0.5 +0.6 +0.5 +0.6	44 47 46 47 46	39 32 36 32 36	8 1 4 1 8	- - - - -	5 5 6 6 6	5 4 4 4 30	- - - - -	- - - - -	- - - - -	270 270 270 270 260	19 13 10 15 15	83 82 82 82 83	bc bc bc bc bc	21.4 21.2 23.2 23.3 23.3	+0.1 +0.0 +0.1 +0.2 +0.2	44 45 48 48 48	34 43 31 36 36	4 5 5 4 8	3 - 1 3 3	2 5 3 3 30	25 15 30 30 30	- - - - -	- - - - -	1 1 1 0 0	prbc bc bc bc bc	46 45 50 50 50	* * 10.4 9.7 9.7	0.3 1 - - -							
11	Wick ... Lerwick ... Blacksod Point ... Malin Head ... Aldergrove ...	280 270 180 260 270	20 18 18 02 09	82 82 82 82 82	bc bc bc bc c	26.1 17.2 24.6 26.9 28.0	+0.2 -0.2 -1.3 -0.3 -0.5	47 43 48 47 49	37 37 38 31 33	3 3 3 1 2	- - - - -	4 3																														



# STATION MODEL



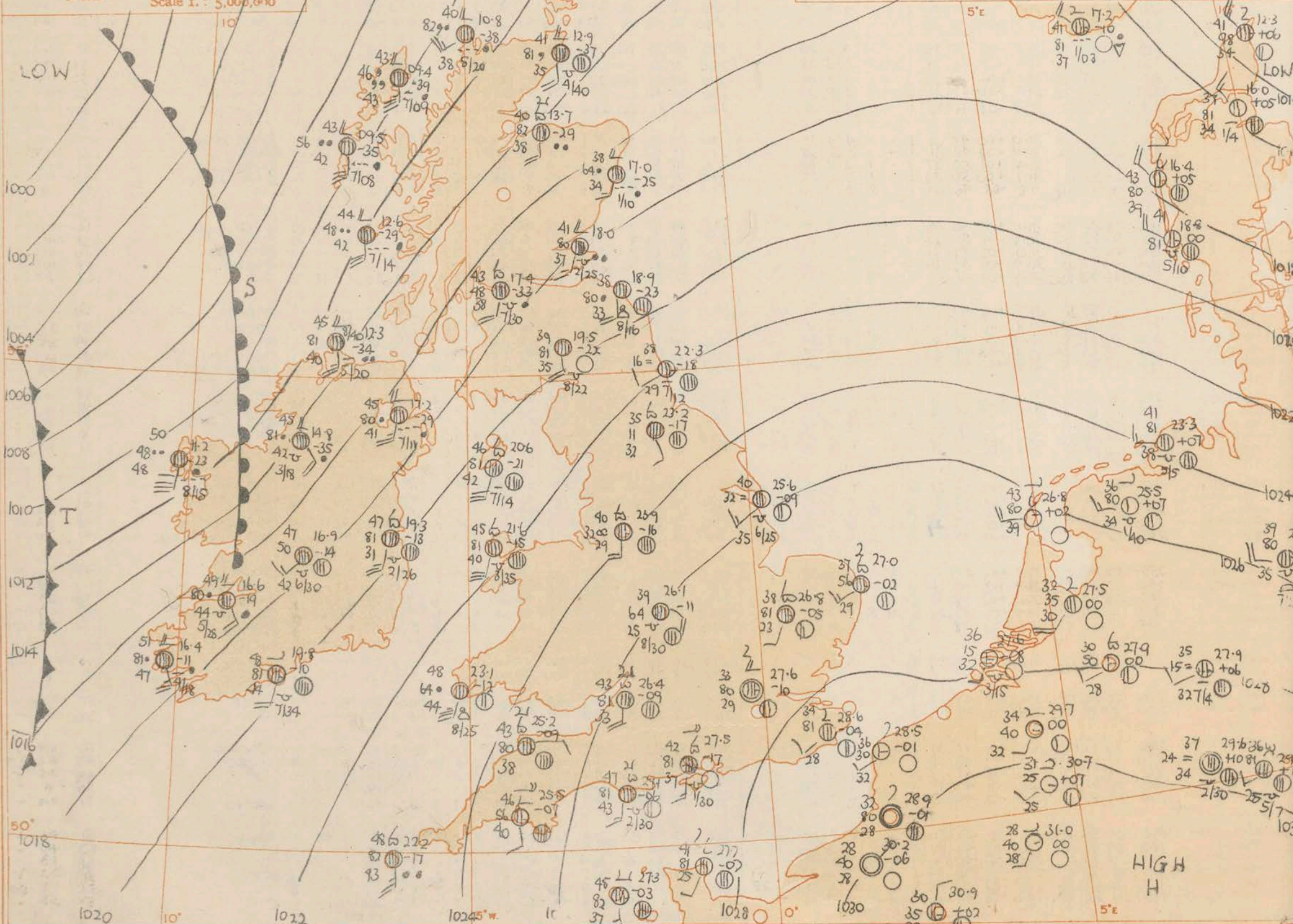
6h Sunday 10th April 1949

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-18h 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 %	9h %
Kew ...											
London Airport	bbybmfw	bfbec		52	32	20	-	Tr	12.1		
Greenwich ...	bybbyvbyoy	bbybec		53	33	25	-	-	*	42	56
Westminster	by	by	bac	53	30	23	-	-	10.7	34	43
Regents Park				55	33	29	-	-		43	50
Camden Square	b	b		54	34	29	-	-			46
Kensington ...	bc	bc		54	33	25	-	-		36	56
Hampstead ...	bc	bc	bc	53	39	25	-	-			83

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 10h Max. 0.7 Time 9h Min. 0.1 Time 09-09h sun 9h.





# GENERAL INFERENCE

An anticyclone over France is moving eastwards, and a cold front off the west coast of Ireland is moving quickly northeast in the north and trailing in the south. Weather will remain fair or fine in southeast and east England and in the east Midlands. Elsewhere it will be mainly cloudy, with occasional rain in the west. This will be slight in southwestern districts but may be moderate at times in the north. Improving conditions will spread from the west to North Ireland and West Scotland later.

# FURTHER OUTLOOK

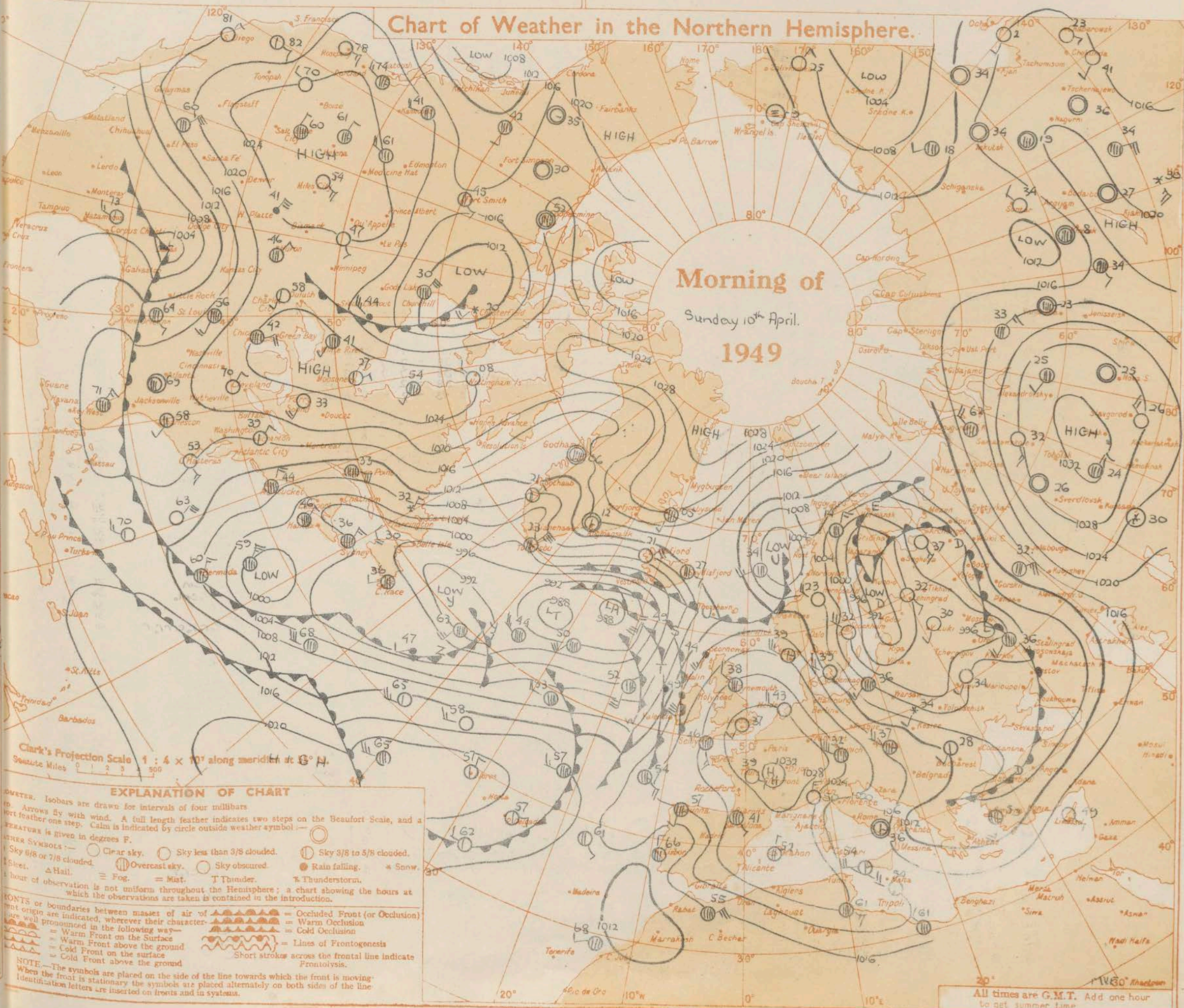
Probably remaining fair or fine in the southeast, but becoming cloudy in central districts. Some breaks in the cloud in the Northwest.

## Gale Warning.

South coasts are flying on coasts of the British Isles west of a line Dornoch Firth to Port Patrick, east of a line Loch Foyle and Belfast.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 10<sup>th</sup> April.  
1949





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 10<sup>th</sup> April. 1949  
No. 31916.

[illegible]

\* Rainfall read at 06:00

\* Information not usually received



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Monday 11<sup>th</sup> April

1949

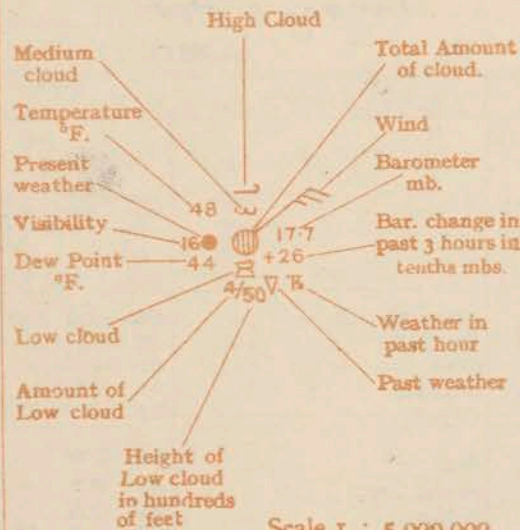
No 31917

OBSERVATIONS at 12h. G.M.T. 10<sup>th</sup> AprilOBSERVATIONS at 18h. G.M.T. 10<sup>th</sup> AprilOBSERVATIONS during DAY 10<sup>th</sup>

OBSERVATIONS at 12h. G.M.T. 10 <sup>th</sup> April																	OBSERVATIONS at 18h. G.M.T. 10 <sup>th</sup> April																	OBSERVATIONS during DAY 10 <sup>th</sup>				
Distance.	STATIONS. (For heights see p. 4)	Wind.		Pressure.	Temp.		Cloud.								Wind.		Pressure.		Temp.		Cloud.								21h	Weather.		Max Temp. 09h. 21h. °F.	Sun- shine. 21h. mins.	Rain 09h. 21h. mins.				
		Direction (degrees).	Speed (kts.).		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Amount.	Main layer.	Lowest layer.	Form.	Amount.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Amount.	Main layer.	Lowest layer.	Form.	Amount.							Main layer.	Lowest layer.	State of ground	09 to 21 h.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)
0	Kew ...	200	14 72	C	25.5	-16	51.34	-	4	6	7	1	-	-	-	200	10 30	C	22.4	-17	49	30	-	-	7	7	25	-	-	1	cxcy, cfo, czo	54	5.5	0.5				
1	London Airport ...	210	16 81	O	25.6	-14	55.32	5	4	7	8	1	82	1	60	190	13 81	C	22.2	-16	51	31	-	7	6	7	70	-	-	1	cxcy, cfo, czo	58	7	1				
	Lymington ...	240	16 81	C	27.3	-18	49.37	-	-	8	6	-	-	-	-	230	05 81	C	23.4	-18	47	35	-	3	2	7	7	83	-	-	0	cxcy, cfo, czo	52	9.8	-			
	Tangmere ...	200	13 80	C	26.9	-07	51.37	-	7	2	6	1	83	-	-	230	06 80	C	22.4	-23	47	39	-	7	2	6	6	85	1	81	0	cxcy, cfo, czo	53	7.4	-			
	Calshot ...	230	10 81	C	26.3	-08	54.34	-	7	6	7	1	-	-	-	160	07 80	C	22.6	-18	49	40	-	7	-	7	7	-	-	0	cxcy, cfo, czo	55	7.4	-				
2	Boscombe Down ...	180	16 81	C	25.3	-12	53.32	5	3	8	7	3	-	1	45	160	11 81	O	22.1	-16	47	35	6	2	-	8	7	19	-	-	0	cxcy, cfo, czo	54	2.0	-			
	Felixstowe ...	200	16 81	C	25.8	-17	52.28	-	5	2	6	6	83	-	-	210	11 64	O	21.8	-21	52	36	-	7	-	8	8	-	-	1	cxcy, cfo, czo	53	4.9	-				
	Gorleston ...	230	15 56	C	24.8	-16	52.26	-	7	6	7	7	70	-	-	230	16 56	C	20.9	-19	52	34	-	9	-	7	7	-	-	0	cxcy, cfo, czo	56	2.5	-				
	West Raynham ...	230	10 81	C	24.0	-21	52.31	-	7	6	7	7	6	-	-	210	20 81	C	20.3	-15	51	34	-	7	-	7	7	-	-	0	cxcy, cfo, czo	54	1.6	TR				
	Mildenhall ...	240	16 48	C	24.2	-21	55.30	-	7	2	5	2	-	-	-	200	09 64	C	20.7	-19	53	31	-	7	-	7	7	-	-	0	cxcy, cfo, czo	57	2.8	-				
3	Cranfield ...	210	20 80	C	24.3	-14	51.32	-	4	-	7	7	85	-	-	200	10 81	O	20.6	-15	50	29	-	9	-	8	8	80	-	-	0	cxcy, cfo, czo	54	2.6	TR			
	Honiley ...	200	20 80	C	24.2	-13	46.35	5	7	-	8	4	40	-	-	190	12 64	O	20.0	-15	50	33	5	7	-	8	5	50	-	-	0	cxcy, cfo, czo	54	0.5	0.2			
	Wittering ...	250	20 80	C	23.7	-13	51.33	5	7	7	7	4	25	-	-	230	17 80	C	19.8	-13	50	31	5	7	-	7	7	83	3	30	1	cxcy, cfo, czo	53	1.3	1			
	Watnall ...	210	13 64	O/R	22.3	+1.9	47.37	-	7	-	8	8	60	-	-	210	10 32	C	18.3	-23	50	31	-	7	-	8	8	60	-	-	1	cxcy, cfo, czo	52	1.2	0.2			
4	Little Rissington ...	190	18 81	O	24.1	-12	49.33	-	7	-	8	8	81	-	-	180	16 81	C	20.7	-11	48	30	-	9	-	7	7	83	7	52	1	cxcy, cfo, czo	52	1.0	TR			
5	Ross-on-Wye ...	190	12 81	C	23.6	-13	52.35	-	7	1	7	0	0	-	-	200	05 81	O	20.6	-10	50	32	-	7	-	8	-	-	-	1	cxcy, cfo, czo	56	0.7	0.4				
	Shawbury ...	180	14 81	O	22.2	-13	47.38	5	5	-	4	4	40	-	-	200	15 82	O	18.3	-16	53	31	5	3	7	8	4	50	-	-	0	cxcy, cfo, czo	56	0.4	1			
	Bristol ...	190	23 81	C	23.5	-09	51.34	5	7	7	7	6	84	2	60	180	15 80	O	20.9	-16	48	34	5	-	8	8	5	60	-	-	0	cxcy, cfo, czo	54	1.5	-			
	Exeter ...	180	10 62	C	25.1	-03	51.40	-	8	2	7	3	81	-	-	180	05 80	O	22.1	-11	48	41	-	7	7	8	4	83	-	-	0	cxcy, cfo, czo	54	3.1	TR			
	Portland Bill ...	200	09 81	C	26.3	-08	50.43	-	7	7	7	0	0	-	-	130	03 81	O	22.6	-17	49	45	-	7	8	8	6	80	-	-	0	cxcy, cfo, czo	53	-	-			
	Plymouth ...	180	12 81	C	24.9	-01	53.36	-	7	6	7	4	-	-	-	090	02 64	C	21.5	-12	49	41	-	7	-	7	7	84	6	60	1	cxcy, cfo, czo	53	1.7	-			
	Chivenor ...	170	20 81	JP	23.4	-13	54.37	2	5	8	7	5	81	-	-	130	05 80	C	20.6	-13	51	37	-	7	2	7	7	81	-	-	0	cxcy, cfo, czo	56	2.5	TR			
	St. Eval ...	160	18 56	JP	21.2	-14	50.35	-	7	-	7	7	60	-	-	170	12 64	PR	20.9	-08	49	39	-	8	-	7	7	60	-	-	0	cxcy, cfo, czo	52	2.1	TR			
	Lizard ...	170	10 56	JP	23.4	-12	50.40	5	2	-	8	8	81	5	20	140	01 56	C	20.7	-13	50	43	5	8	-	7	4	98	4	25	0	cxcy, cfo, czo	53	3.1	-			
	Scilly, St. Mary's ...	170	17 56	C	22.4	-02	54.46	-	9	-	7	7	70	-	-	170	13 64	C	20.0	-09	51	42	9	8	8	7	2	60	2	18	0	cxcy, cfo, czo	54	4.0	-			
6	Guernsey ...	150	16 81	C	25.6	-14	51.37	-	-	2	6	0	0	-	-	160	09 81	O	22.1	-15	51	41	-	7	7	8	-	-	-	0	cxcy, cfo, czo	55	3.2	-				
	Aberporth ...	180	18 80	O/R	21.1	-05	46.41	5	7	-	4	8	-	-	-	240	17 80	C	18.5	-10	49	42	5	7	6	7	2	45	-	-	0	cxcy, cfo, czo	52	3.4	TR			
7	Pembroke ...	190	22 62	O/R	21.9	-08	50.41	-	7	-	4	8	75	-	-	210	15 44	Z	19.7	-10	49	45	-	7	7	8	4	80	-	-	0	cxcy, cfo, czo	50	0.9	0.3			
8	Holyhead (Valley) ...	130	28 64	O/R	19.4	-16	48.42	5	7	-	4	8	75	-	-	200	30 48	Z	16.7	-02	49	45	5	7	-	8	4	20	-	-	1	cxcy, cfo, czo	50	0.0	0.2			
	Manchester ...	190	19 40	C	21.2	-20	48.38	5	7	-	4	8	75	4	60	190	12 32	Z	17.7	-12	49	40	5	7	-	7	8	83	3	50	1	cxcy, cfo, czo	52	0.3	TR			
9	Squires Gate ...	180	17 16	O	20.2	-13	51.42	5	2	-	4	8	80	2	30	200	16 36	O	17.2	-09	49	43	-	7	-	8</												



# STATION MODEL



6h

Monday 11th April,

1949

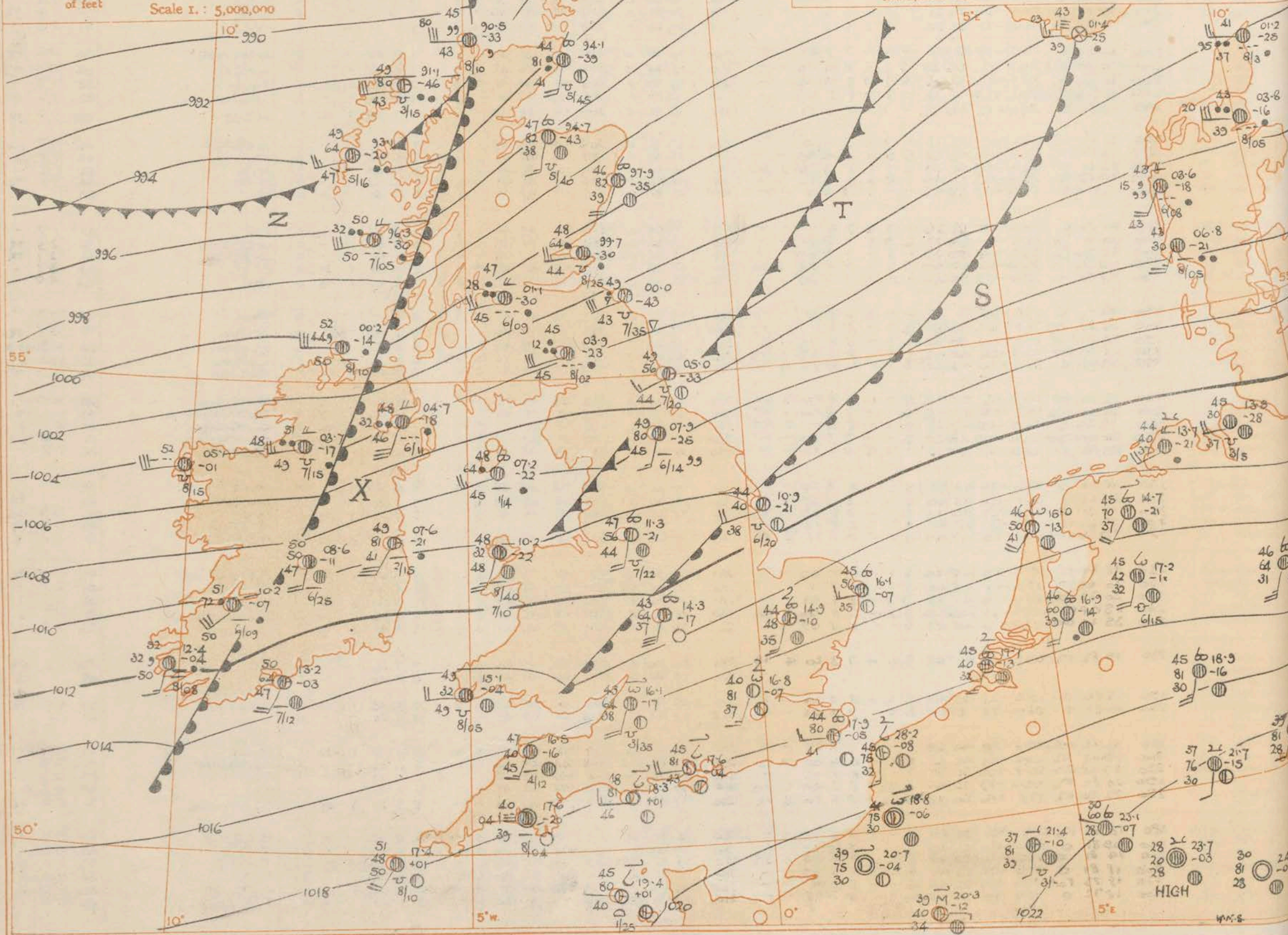
## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather	Morning	Afternoon	Night	Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
					Day Max.	Night Min.	Min. on grass	Day	Night		Yester-day	To-day
					° F.	° F.	° F.	mm.	mm.			
Kew ...	excy, c6, c20			c2c6c	54	44	27	0.5	-	5.5		
London Airport	excy, c12, c20			c6c6c	58	39	32	1	-	*		60
Greenwich ...	bcy			c6c6c	57	44	35	-	0.1	5.5	38	41
Westminster	cy				57	46	38	-	1.1		41	55
Regents Park					57	46	41	-	0.4		59	46
Camden Square	c				58	46	36	-	0.3			33
Kensington ...	bc		bc		58	44	36	-	0.3		38	50
Hampstead ...	bc		or	orbc	56	44	37	0.4	0.1			63

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. Time Min. Time





# GENERAL INFERENCE

Pressure is high to the South of the British Isles and low to the north, and troughs of low pressure, which are very weak in the south, are moving eastwards across the country. It will continue fair in southeast England, in East Anglia and in the South Midlands, though with a good deal of medium cloud in the North of that area. Southwest England will have stratus and stratocumulus cloud, with coastal and hill fog patches, but with some clearances inland this afternoon. Further north it will be cloudy with periods of rain, though it will be fair for a time in North Scotland today.

# FURTHER OUTLOOK

Continuing fair in the southeast. Rather unsettled southwesterly type affecting other districts, with some fair periods.

# Gale Warning:

South cones are flying over Northwest of the line from Cardiff to Firth of Forth and the east coast of Ireland from Howth to Loch Foyle.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 11th April  
1949

Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Scale 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 3/8 clouded. ○ Sky 3/8 to 5/8 clouded. ○ Sky 5/8 or 7/8 clouded. ○ Overcast sky. ○ Sky obscured.  
☁ Stets. ☁ Fog. ☁ Mist. ☁ Thunder. ☁ Thunderstorm.  
**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  
— 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. Add one hour to get summer time.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 11th April 1949  
No. 31917

OBSERVATIONS at 0ohr. G.M.T. 11th April																OBSERVATIONS at 06hr. G.M.T. 11th April																OBSERVATIONS Sunday NIGHT									
DURVECT.	STATIONS.	Height above M.S.L.	Wind.				Pressure.		Temp.		Cloud.								9 h State of ground	Weather.	Temperature			Rain																	
			Direction (degrees).	Speed (kts.).	Visibility (Code letters).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Dew point.	Form.				Total amount.	Main layer.	Lowest layer.	Min. "P."			Max. "P."	Min. or Grass "P."																			
											Low.	Medium.	High.	0-8 Amt.									9-8 Amt.		Ht.																
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
0	Kew	18	.	.	.	.	.	.	.	.	.	.	.	.	.	230	10	72	c	16.5	-08	48	36	5	-	2	7	1	38	-	-	1	czoabc		44	27	-				
1	London Airport	82	190	09	81	0	19.6	-18	46	38	-	3	7	8	5	81	-	-	bcc	16.8	-07	40	37	-	3	6	4	2	81	-	-	1	cbbc		37	32	-				
	Lympne	341	200	05	64	0	20.8	-16	46	38	-	1	7	8	8	-	-	bcc	17.7	-05	44	41	-	7	7	1	7	-	-	1	cbcb		43	35	-						
	Tangmere	63	110	02	64	0	20.4	-13	45	42	-	7	2	8	8	-	-	bcc	17.7	-05	38	37	-	4	2	3	1	83	-	-	1	cmobcmowb.		38	29	-					
	Caishot	8	-	0	81	c	20.2	-16	48	43	-	8	2	6	5	-	-	b	17.6	-04	45	43	-	4	1	2	1	-	-	0	cbcbj.		55	37	-						
2	Boscombe Down	414	160	06	64	c	20.1	-12	42	38	-	7	-	7	7	-	-	bc	17.5	-07	47	34	-	7	2	4	3	-	-	0	cbbcc		38	28	-						
	Felixtowe	10	270	11	64	o	19.2	-19	48	40	-	7	-	8	8	-	-	c	16.0	-09	47	39	-	7	2	6	5	83	-	-	1	cciracc		46	37	TR					
	Gorleston	5	230	12	56	c/d	18.9	-11	48	32	-	7	-	7	7	-	-	c	16.1	-07	45	35	-	7	2	6	5	-	-	1	cybec.		44	39	TR						
	West Raynham	250	210	21	56	c	17.9	-17	45	32	-	7	7	7	7	-	3	-	c	14.0	-19	42	34	-	7	2	6	5	-	2	1	cybec.		40	36	-					
3	Mildenhall	15	200	08	64	o	17.7	-18	48	33	-	7	7	8	5	-	-	c	14.9	-10	44	35	-	7	6	7	6	-	-	0	croybec.		42	32	-						
	Cranfield	340	220	12	64	o	18.4	-16	44	23	-	4	7	8	2	83	-	-	bc	15.6	-08	41	34	-	3	6	5	1	83	-	-	0	cyeybebec		39	23	-				
	Honiley	427	210	14	64	b	17.7	-18	43	33	-	3	-	4	1	85	-	-	c	14.3	-17	43	37	-	7	7	7	84	-	-	0	cbbcmo		40	35	-					
	Wittering	236	230	15	48	bcc	17.2	-12	43	33	-	5	7	-	4	2	68	-	-	c	13.5	-19	39	35	-	7	2	6	6	-	-	1	cyeybebec		35	31	-				
4	Watnall	366	220	11	32	2	16.1	-15	43	35	-	7	-	3	-	98	-	-	bc	12.6	-19	42	38	-	7	-	6	6	-	-	1	cyeybebec		40	37	-					
	Little Rissington	740	240	10	80	c	18.9	-09	41	35	-	8	8	6	3	80	-	-	c	15.3	-10	37	33	-	9	-	7	7	83	-	-	1	cbcc		36	32	-				
5	Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.	230	13	50	o	15.1	-20	48	43	6	1	-	8	7	5	-	-	1	c		43	-	-				
	Shawbury	235	160	12	81	b	16.1	-18	45	37	-	3	1	2	1	-	-	c	12.1	-14	49	45	6	7	-	7	7	83	5	10	1	cbcc		44	38	-					
	Bristol	209	200	10	64	bcc	19.5	-06	45	36	-	3	-	5	5	84	-	-	c	16.1	-17	43	38	5	3	1	6	3	35	-	-	0	cbcc		41	29	-				
	Exeter	100	-	0	48	b	19.5	-13	41	40	-	7	9	1	1	80	-	-	bc	17.5	-	35	34	5	4	2	5	1	35	-	-	0	cbcc		34	19	-				
6	Portland Bill	32	200	09	81	bcc	20.1	-15	50	46	-	7	8	5	4	80	-	-	b	18.3	+01	48	46	-	4	1	2	1	80	-	-	0	cbcc		47	-	-				
	Plymouth	90	-	0	64	b	19.5	-10	44	41	-	-	-	0	0	0	-	-	o/f	17.6	-10	40	39	6	-	-	8	8	04	-	-	0	cbcc		38	32	-				
	Chivenor	20	200	10	80	b	19.2	-10	40	36	-	-	-	1	1	83	-	-	z	16.5	-16	47	45	5	-	-	8	8	20	4	12	0	cbcc		39	33	TR				
	St. Eval	386	180	08	64	b	19.7	-11	44	39	-	-	-	0	0	0	-	-	z	17.6	-12	49	48	-	7	-	7	7	-	-	1	cbcc		42	37	TR					
7	Lizard	240	190	06	56	b	19.6	-08	47	45	-	-	-	0	0	0	-	-	o	17.7	-09	49	49	5	-	-	8	8	12	-	-	1	cbcc		46	-	TR				
	Scilly, St. Mary's	163	200	09	56	b	18.8	-10	48	45	-	-	-	0	0	0	-	-	o	17.4	+01	51	50	5	-	-	8	8	10	-	-	1	cbcc		48	-	TR				
	Guernsey	340	180	08	81	c	20.9	-09	49	39	-	-	6	6	-	-	-	bc	19.4	+01	45	40	1	4	1	3	3	-	1	25	0	cbcc		43	35	-					
	Aberporth	375	190	16	72	bcc	16.2	-16	46	44	6	7	6	5	3	11	2	-	o/d	13.4	-14	49	48	7	-	6	8	6	06	-	-	1	cbcc		45	42	0.2				
8	Pembroke	142	210	15	44	2	16.8	-17	48	46	-	7	-	3	3	80	-	-	z	15.1	-04	49	49	5	1	-	8	8	05	-	-	0	cbcc		47	-	-				
	Holyhead (Valley)	32	200	25	64	c	14.0	-19	48	47	5	2	-	8	7	20	-	-	z	10.2	-22	48	48	6	-	-	8	8	40	7	10	1	cbcc		47	46	-				
	Manchester	230	190	13	15	b/c	15.6	-20	45	38	5	-	-	1	1	40	-	-	z	11.3	-21	47	44	5	7	-	8	7	22	-	-	0	cbcc		43	41	-				
	Squires Gate...	93	220	18	56	o	13.9	-24	47	45	6	-	-	8	7	18	-	-	o/f	10.0	-21	48	47	5	7	-	8	8	83	6	36	2	cbcc		46	44	3				
9	Silloth	25	200	24	64	c	09.5	-20	47	46	6	-	-	7	7	15	5	02	rr	04.9	-27	47	47	6	-	-	8	8	12	2	04	2	cbcc		44	44	11				
	Finningley	52	230	12	64	b	14.8	-12	45	35	-	4	-	-	-	-	-	c	10.3	-25	44	38	6	7	-	7	3	-	6	30	0	cbcc		43	36	-					
	Spurn Head	29	230	13	56	c	15.8	-12	46	36	5	-	-	6	6	30	-	-	c	10.9	-21	44	38	5	-	-	6	6	20	-	-	0	cbcc		43	-	TR				
	Leeming	105	210	17	64	c	12.4	-19	49	42	5	7	-	7	4	21	-	-	o/d	07.9	-25	49	45	6	7	-	8	6	14	-	-	1	cbcc		46	44	TR				
10	Tynemouth	108	230	16	56	o/q	10.5	-17	50	44	5	-	-	8	8	18	-	-	pr	08.0	-33	49	44	5	-	-	7	7	20	-	-	1	cbcc		49	45	-				
	St. Abb's Head	260	230	13	64	c	07.1	-05	48	44	5	-	-	7	7	30	-	-	pr	00.0	-43	49	43	5	-	-	7	7	35	-	-	1	cbcc		44	-	TR				
	Leuchars	36	220	17	40	c	05.3	-19	48	45	5	-	-	6	6	22	-	-	pr	09.7	-30	48	44	5	-	-	8	8	28	7	17	1	cbcc		47	43	16				
	Eskdalemuir	794	210	24	12	m	03.9	-	-	-	-	-	-	4	4	-	-	-	pr	03.9	-33	45	45	7	-	-	8	8	02	-	-	2	cbcc		43	43	16				
11	Prestwick	30	230	22	81	o	08.2	-14	50	45	5	-	-	8	8	20	2	12	pr	02.4	-28	47	44	5	2	-	8	8	15	1	09	1	cbcc		47	45	9				
	West Freugh	52	250	16	56	o	09.5	-18	48	47	5	7	-	8	8	83	2	25	pr	04.1	-24	47	45	5	7	-	8	8	81	3	15	1	cbcc		45	44	4				
	Ronaldsway	55	230	17	36	o	11.6	-16	48	47	6	-	-	8	5	80	8	03	pr	07.2	-22	48	45	5	2	-	8	8	83	1	14	2	cbcc		47	45	1				
	Tiree	29	210	15	48	o/q	03.8	-22	47	45	7	2	-	8	7	60	5	10	pr	06.3	-30	50	50	7	2	-	8	8	12	7	05	2	cbcc		47	45	12				
12	Benbecula	14	200	24	32	o/q	01.5	-14	47	46	7	2	-	8	8	18	4	09	pr	03.1	-20	49	47	6	-	-	7	5	16	-	-	1	cbcc		45	41	4				
	Stornoway	10	210	18	80	o/q	09.2	-19	47	43	5	2	-	8	6	25	-	-	pr	04.1	-46	49	43	5	-	-	5	3	15	-	-	2	cbcc		45	46	2				
	Cape Wrath	367	230	24	80	o	08.1	-17	46	44	6	-	-	8	8	15	-	-	pr	00.5	-33	45	43	5	2	-	8	8	10	-	-	1	cbcc		43	40	2				
	Sule Skerry	43	230	19	81	o/q	04.3	-15	45	43	5	-	-	5	5	20	-	-	pr	04.3	-15	45	43	5	-	-	5	5	20	-	-	2	cbcc		44	36	7				
13	Loch Rannoch	680	190	15	81	o	02.7	-17	47	44	5	-	6	8	1	40	-	-	c	07.9	-35	46	39	5	7	-	7	1	25	1	15	1	cbcc		45	40	-				
	Dyce	234	230	13	81	bcc	01.5	-19	47	40	5	3	-	5	4	80	2	30	c	04.7	-43	47	38	5	7	-	6	5	40												

\* Information not usually received.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Tuesday 12<sup>th</sup> April

1949

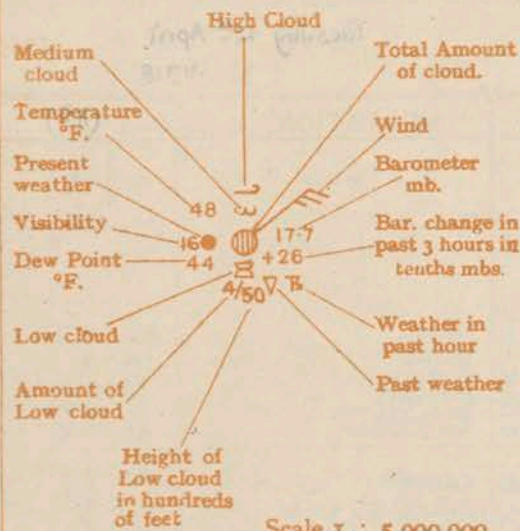
No. 31918

OBSERVATIONS at 12h. G.M.T. 11<sup>th</sup> AprilOBSERVATIONS at 18h. G.M.T. 11<sup>th</sup> AprilOBSERVATIONS during DAY (11<sup>th</sup>)

OBSERVATIONS at 12h. G.M.T.																	OBSERVATIONS at 18h. G.M.T.																	OBSERVATIONS during DAY (115)																
District.	STATIONS. (For heights see p. 4)	Wind.		Present Weather.	Pressure.		Temp.		Cloud.						Wind.		Present Weather.	Pressure.		Temp.		Cloud.						21h.	Weather.				State of ground																	
		Direction (degrees).	Speed (kts.).		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.				Direction (degrees).	Speed (kts.).	Bar at M.S.L.	Change in 3 hrs.		Dry Bulb.	Dew point.	Form.				State of ground	09 to 21 h.																									
									Low.	Medium.	High.	Total amount.								Main layer.	Lowest layer.	Low.	Medium.		High.	Total amount.	Main layer.		Lowest layer.	Max temp. 21h.	Min. temp. 21h.	Rain 21h.																		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)														
0	Kew	230	15	81	0	15.0	-06	56	43	7	1	8	3	2	11	240	13	30	C	12.8	-13	57	47	5	7	8	7	7	-	1	21	1	C20C	63	5.8	1														
1	London Airport	240	16	81	0	14.8	-13	58	45	5	1	7	8	3	25	270	15	81	C	13.0	-10	60	46	-	7	-	7	7	-	-	-	1	61	5.8	1															
	Lymington	260	17	81	C	15.4	-12	59	40	-	4	8	7	6	-	1	260	17	81	C	14.2	-01	52	48	-	7	2	7	5	84	-	0	64	*	1															
	Tangmere	250	18	64	C	16.6	-05	56	48	5	2	7	3	20	7	18	270	17	64	C	15.2	-03	52	48	6	7	8	7	4	84	2	08	58	6.8	1															
	Calshot	250	17	64	C	16.8	-03	53	46	5	4	7	1	20	-	-	250	11	32	C	15.1	-06	51	47	6	7	8	7	4	-	4	08	57	7.6	1															
2	Boscombe Down	230	15	80	0	16.0	-07	56	47	5	1	8	8	-	1	20	230	13	64	C	15.3	-04	55	46	5	7	8	8	6	-	1	20	0	55	4.8	1														
	Felixstowe	240	17	40	2	12.9	-20	58	41	-	7	-	7	7	-	-	260	15	48	2	11.6	-03	55	45	-	7	-	7	7	83	-	-	61	3.9	1															
	Gorleston	250	15	48	2	11.6	-17	59	43	5	7	-	7	7	-	2	30	250	12	48	2	10.0	+02	59	45	-	7	-	7	7	80	-	-	66	5.8	1														
	West Raynham	220	25	56	2	10.8	-12	53	45	5	7	-	8	8	-	3	30	250	24	80	0	09.2	+01	57	47	5	7	-	8	8	-	2	35	60	2.6	1														
	Mildenhall	240	24	56	16	11.6	-14	57	45	7	2	-	8	8	-	3	25	230	18	64	0	10.2	+00	57	47	5	7	-	8	8	-	6	30	61	2.3	1														
3	Cranfield	240	23	40	0/r	13.3	-07	52	47	7	2	-	8	8	50	4	20	240	18	80	0	12.1	+02	53	47	5	-	-	8	8	15	-	-	0	58	2.7	1													
	Honiley	220	12	48	0	13.2	+08	55	45	5	7	-	8	8	80	1	20	230	19	64	0	10.8	-12	54	48	5	1	-	8	6	20	-	-	0	59	2.7	1													
	Wittering	250	19	80	0/r	11.0	-10	55	45	5	7	-	7	7	83	3	35	260	20	81	C	09.7	-04	56	48	5	1	-	7	6	20	-	-	1	61	2.7	1													
4	Watnall	240	11	48	0	10.1	-09	55	44	5	7	-	8	8	-	3	30	240	13	80	0	09.2	-02	54	49	5	-	-	8	8	12	-	-	1	59	1.1	1													
	Little Rissington	230	25	80	C	13.8	-03	52	45	6	7	-	7	7	84	2	15	270	22	40	b	12.4	-06	50	47	6	-	-	0	8	08	6	04	0	55	0.5	1													
5	Boss-on-Wye	260	24	80	0/r	14.2	-02	56	44	1	7	7	7	1	20	-	-	250	12	64	0	13.3	-05	53	48	5	-	-	8	8	15	-	-	0	57	1.6	1													
	Shawbury	200	30	81	0	11.5	+03	53	47	5	7	-	8	7	25	4	15	240	25	80	0	10.3	-01	54	50	5	-	-	8	8	20	-	-	1	57	0.3	1													
	Bristol	250	18	64	C	16.0	+05	57	49	5	4	8	7	5	14	-	-	250	18	48	0	14.4	-12	53	48	6	-	-	8	8	15	7	08	0	58	1.7	1													
	Exeter	250	12	82	C	16.9	-08	59	49	1	7	2	7	1	30	-	-	290	15	80	0	16.1	+06	55	51	5	7	-	8	5	12	-	-	1	64	4.9	1													
	Portland Bill	240	13	48	C	17.2	-13	51	49	-	-	6	7	7	80	-	-	260	19	48	0	16.3	-06	50	49	-	9	8	8	7	80	-	-	0	51	-	1													
6	Plymouth	250	12	80	C	18.6	+01	52	50	6	-	-	7	7	07	-	-	250	10	56	0	17.3	-07	52	48	5	-	-	8	8	12	-	-	1	53	4.6	1													
	Chiverton	230	17	81	C	17.7	+08	55	49	5	7	2	7	6	10	1	06	250	20	40	0	15.7	-13	52	50	5	-	-	8	8	08	-	-	1	56	1.0	1													
	St. Eval	230	15	80	0	19.1	+13	53	49	6	-	-	8	8	05	-	-	230	14	40	0	17.4	-06	51	49	6	7	-	8	7	07	1	03	1	55	1.2	1													
	Lizard	250	12	80	C	19.1	+06	54	50	6	-	-	7	7	10	-	-	250	14	56	C	18.2	-01	51	49	5	-	-	7	7	20	-	-	1	55	2.8	1													
	Scilly, St. Mary's	250	18	56	C	19.0	+07	54	49	5	-	-	7	7	18	-	-	240	19	48	C	17.2	-14	52	48	-	7	-	7	7	80	-	-	1	55	1.4	1													
7	Guernsey	250	13	48	2	20.1	+05	54	50	5	-	-	7	7	07	-	-	270	14	81	Cld	19.3	-08	50	46	6	-	-	7	5	60	7	10	0	54	6.9	1													
8	Aberporth	230	21	80	0	12.9	-07	52	50	5	2	-	8	8	25	7	08	230	17	40	0	11.6	-13	51	50	6	-	-	8	8	07	-	-	1	53	0.0	1													
9	Pembroke	260	22	22	2	14.6	+03	50	49	5	-	-	8	8	17	-	-	260	26	16	2	12.7	-19	50	48	5	-	-	8	8	08	-	-	1	52	0.0	1													
10	Holyhead (Valley)	220	23	16	0	10.0	+02	50	49	5	7	-	8	7	40	1	05	230	22	11	0	08.5	-11	50	49	6	-	-	8	8	03	-	-	1	50	0.0	1													
	Manchester	240	16	40	0	09.8	+05	53	47	5	7	-	8	6	25	-	-	240	22	40	0	08.2	-09	53	49	5	-	-	8	8	25	3	16	1	56	0.0	1													
11	Squires Gate...	230	25	48	0/d	08.5	-02	50	48	5	7	-	8	6	25	-	-	230	22	24	0	07.5	-10	50	49	5	2	-	8	6	18	-	-	1	51	0.0	1													
12	Silloth	210	19	64	0	08.8	+01	49	47	6	-	-	8	8	08	-	-	200	24	32	0	06.9	-13	50	49	6	2	-	8	8	25	7	03	2	53	0.1	1													
13	Finningley	200	11	56	0	08.1	-12	57	45	5	7	-	8	4	35	-	-	230	21	56	C	06.7	-12	55	49	6	-	-	7	6	30	5	18	0	58	0.3	1													
14	Spurn Head	250	20	24	0	08.5	-19	53	42	5	-	-	8	8	20	-	-	260	20	40	0	07.3	-07	54	46	6	-	-	8	8	20	-	-	0	58	0.6	1													
15	Loeming	200	13	81	C	05.3	-13	55	47	5	-	-	7	7	16	-	-	260	30	81	C	03.2	-15	57	49	5																								



# STATION MODEL



6h

Tuesday 12<sup>th</sup> April.

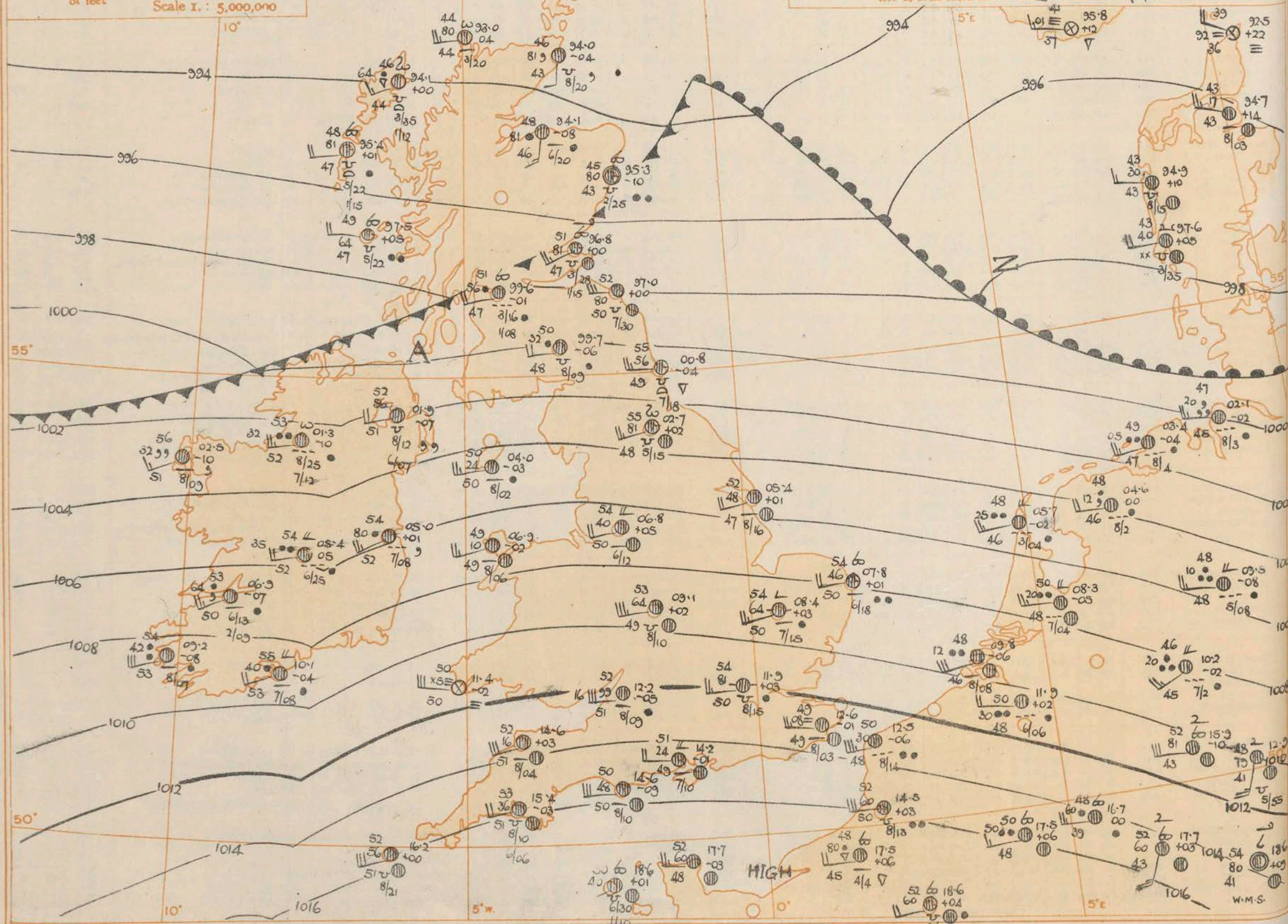
1949

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather	Morning	Afternoon	Night	Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
					Day	Night	Min. on grass	Day	Night		15h %	9h %
					* F.	* F.	* F.	mm.	mm.		Yesterday	To-day
Kew ...	cczc			ccm.c	63	52	52	-	-	5.8		
London Airport	ccyc			ccm.c	64	52	51	-	TR	7.0	87	
Greenwich ...	bcyc		cy	cc.c	65	52	49	-	TR	5.7	48	83
Westminster					64	53	52	-			59	89
Regents Park					65	48	48	-			47	85
Camden Square	bc	c			65	53	51	-				85
Kensington ...	bc	bc			65	53	52	-			57	86
Hampstead ...	bc	obc	c		62	51	49	-				89

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 12<sup>th</sup> Max 20.1 Time Rest 11.4 of period.





# GENERAL INFERENCE

The country is covered by a mild westerly current. It will be cloudy or dull in most districts with periods of rain, mainly slight in the south and much low cloud and drizzle in western districts. It will be fair at first in North Scotland apart from scattered showers, but rain will spread from the west tonight to that area.

Little change.

# FURTHER OUTLOOK

## Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 12<sup>th</sup> April  
1949

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

### EXPLANATION OF CHART

**ISOBARS.** 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.** 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.** 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 on the surface  
— 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. Add one hour to get summer time.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Tuesday 12th April 1966

No. 31,218

OBSERVATIONS at 00hr. G.M.T. 25th April																	OBSERVATIONS at 06hr. G.M.T. 25th April																	OBSERVATIONS Monday Night								
District.	STATIONS.	Height above M.S.L.	Wind.		Visibility (Lock figures).	Present Weather.	Pressure.		Temp.		Cloud.						Wind.		Visibility (Lock figures).	Present Weather.	Pressure.		Temp.		Cloud.						9h State of ground.	Weather.	Temperature		Rain.							
			Direction (degrees).	Speed (kts.).			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.			Direction (degrees).	Speed (kts.).	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.			Dew point.	Form.			Direction (degrees).	Speed (kts.).	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.			Low.	Medium.		High.	Total amount.	Main layer.	Ht. +.	Ht. -.	Min. °F.	Min. on Grass °F.
											Low.	Medium.	High.									Low.	Medium.	High.																		
0	Kew	18	.	.	.	.	.	52	.	.	.	.	.	.	250	15	30	0	11.7	-01	54	49	5	.	.	8	8	21	.	.	1	ccmc	52	52	.							
1	London Airport	82	230	15	81	0	12.6	-08	53	48	5	.	.	8	8	16	.	.	260	19	81	0	11.5	+03	54	50	5	.	.	1	ccir	52	51	TR								
	Lymington	341	260	14	48	0	13.7	-07	48	47	6	.	.	8	8	08	.	.	270	17	08	0	12.6	-01	49	49	6	.	.	1	ccir	47	46	1								
	Tangmere	53	250	17	24	0	14.6	-05	50	48	6	.	.	8	8	07	.	.	270	15	21	0	14.6	-01	51	49	6	.	.	0	ccir	49	47	TR								
	Calshot	8	260	14	28	2	14.9	-01	50	48	6	.	.	8	8	07	.	.	260	16	24	2	14.2	-01	51	49	6	.	.	0	ccir	50	47	.								
2	Boscombe Down	414	230	16	48	0	14.2	-10	52	48	6	.	.	8	8	13	.	.	230	15	48	0	13.3	-05	52	50	7	.	.	1	ccir	50	49	TR								
	Felixstowe	10	240	18	56	0	10.5	-11	52	47	5	.	.	8	8	30	.	.	260	13	56	0	09.9	+00	53	50	6	.	.	2	ccir	52	49	06								
	Gorleston	5	270	16	56	0	08.3	-17	54	47	6	.	.	8	8	30	.	.	250	15	46	0	07.8	+01	54	50	6	.	.	0	ccir	52	51	05								
	West Raynham	250	240	25	64	0	07.7	-16	52	48	5	.	.	8	8	36	.	.	240	20	40	0	07.5	+02	52	50	6	.	.	1	ccir	51	49	2								
3	Mildenhall	15	250	21	48	0	08.7	-18	54	47	5	.	.	8	8	18	.	.	260	20	64	0	08.4	+03	54	50	6	.	.	0	ccir	53	49	.								
	Cranfield	340	230	21	32	0	10.7	-09	52	48	6	.	.	8	8	12	.	.	250	15	32	0	10.0	+01	52	49	6	.	.	0	ccir	55	49	TR								
	Honiley	427	200	14	64	0	09.6	-06	52	49	5	.	.	8	8	03	.	.	230	20	64	0	09.1	+02	53	49	5	.	.	1	ccir	51	48	TR								
	Wittering	236	250	21	56	0	08.0	-10	53	49	5	.	.	8	8	15	.	.	250	17	64	0	08.0	+01	53	50	5	.	.	1	ccir	52	50	TR								
4	Watnall	366	240	10	80	0	07.1	-16	52	50	5	.	.	8	8	15	.	.	240	10	81	0	06.5	-06	53	49	5	.	.	1	ccir	52	50	TR								
	Little Rissington	740	260	26	24	0	10.9	-03	49	47	6	.	.	8	8	05	.	.	260	23	16	0	10.6	+04	49	48	6	.	.	1	ccir	49	48	TR								
	Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	250	18	64	0	10.8	-04	54	50	6	.	.	8	8	15	.	.	0	ccir	51	49	TR							
	Shawbury	235	250	25	64	0	08.6	+02	53	49	6	.	.	8	8	10	.	.	250	20	81	0	08.2	+02	53	49	6	.	.	0	ccir	52	50	TR								
5	Bristol	209	250	20	32	0	13.3	-06	52	51	6	.	.	8	8	12	.	.	250	22	16	0	12.2	-05	52	51	6	.	.	1	ccir	51	50	1								
	Exeter	100	250	11	48	0	15.2	-05	54	53	5	.	.	8	8	12	.	.	270	15	80	0	14.7	.	54	52	5	.	.	0	ccir	53	49	.								
	Portland Bill	32	260	24	48	0	15.5	-04	50	49	7	.	.	8	8	20	.	.	260	24	48	0	14.6	-09	50	50	6	.	.	0	ccir	49	49	.								
	Plymouth	90	250	18	40	2	16.5	-04	51	49	5	.	.	8	8	21	.	.	250	13	36	2	15.4	-03	52	51	5	.	.	1	ccir	51	50	TR								
6	Chivenor	20	230	20	24	0	15.0	-01	52	50	5	.	.	8	8	03	.	.	230	25	16	0	14.6	+03	52	51	6	.	.	1	ccir	52	49	0.1								
	St. Eval	386	230	20	32	0	17.1	-02	51	49	6	.	.	8	8	12	.	.	230	18	09	0	16.2	+02	51	50	6	.	.	1	ccir	50	49	TR								
	Lizard	240	240	17	48	0	17.6	-05	51	51	5	.	.	8	8	15	.	.	240	20	48	0	14.6	-03	51	51	5	.	.	0	ccir	49	49	TR								
	Scilly, St. Mary's	183	240	23	56	0	17.0	+00	52	50	5	.	.	8	8	21	.	.	250	23	56	0	16.2	+00	52	51	5	.	.	1	ccir	51	50	TR								
7	Guernsey	340	280	24	80	0	19.2	-05	50	49	5	.	.	8	8	10	.	.	240	22	40	2	18.6	+01	50	49	6	.	.	1	ccir	48	47	1								
	Aberporth	375	240	18	48	0	10.8	+00	51	51	6	.	.	8	8	05	.	.	240	23	06	0	10.3	+02	51	51	6	.	.	1	ccir	50	50	1								
	Pembroke	142	270	32	32	0	11.4	+01	50	50	5	.	.	8	8	10	.	.	270	26	45	0	11.4	-02	50	50	6	.	.	1	ccir	49	49	0.1								
	Holyhead (Valley)	32	230	20	24	0	07.4	-02	49	49	7	.	.	8	8	22	.	.	230	17	10	2	06.9	-02	49	49	6	.	.	1	ccir	49	47	1								
8	Manchester	230	240	12	48	0	06.8	-05	52	50	7	.	.	8	8	40	.	.	240	12	40	0	06.8	+05	54	50	6	.	.	1	ccir	51	48	3								
	Squires Gate	33	230	25	56	0	05.7	-04	48	49	6	.	.	8	8	25	.	.	230	24	32	0	05.4	+00	50	49	6	.	.	1	ccir	48	48	2								
	Silloth	25	210	20	64	0	02.0	-04	50	48	6	.	.	6	6	08	.	.	210	13	32	0	02.0	+00	49	48	6	.	.	2	ccir	48	48	2								
	Finningley	58	200	17	56	0	05.5	-07	54	48	5	.	.	7	7	20	.	.	200	09	64	0	05.3	+01	54	49	5	.	.	1	ccir	53	49	.								
9	Spurn Head	28	250	12	24	0	06.3	-10	53	49	6	.	.	8	8	15	.	.	250	12	48	0	05.4	+01	52	47	6	.	.	1	ccir	50	50	TR								
	Leeming	105	270	20	81	0	02.7	+02	55	48	5	.	.	7	7	22	.	.	250	17	81	0	02.7	+02	55	48	5	.	.	0	ccir	50	37	TR								
	Tynemouth	108	270	03	80	0	01.6	+06	56	46	5	.	.	7	7	22	.	.	270	20	56	0	00.8	-05	55	49	8	.	.	1	ccir	54	50	TR								
	St. Abb's Head	280	230	24	80	0	07.6	+10	54	50	5	.	.	8	8	35	.	.	270	24	80	0	07.0	+00	52	50	5	.	.	1	ccir	47	47	TR								
10	Leuchars	36	.	0	80	0	07.4	-05	48	46	5	.	.	8	8	19	.	.	230	19	81	0	06.8	+00	51	47	5	.	.	1	ccir	51	43	0.1								
	Eskdalemuir	784	240	18	16	0	05.0	-02	50	50	7	.	.	8	8	05	.	.	230	15	32	0	05.7	-06	50	48	5	.	.	1	ccir	48	45	11								
	Prestwick	30	240	18	16	0	05.0	-02	50	50	7	.	.	8	8	05	.	.	250	13	13	0	00.4	-03	50	49	7	.	.	2	ccir	48	47	14								
	West Freugh	52	270	20	48	0	01.9	+00	52	50	5	.	.	8	8	19	.	.	250	20	32	0	01.6	+00	51	50	5	.	.	1	ccir	49	49	5								
11	Ronaldsray	55	250	20	80	0	04.4	-03	50	49	5	.	.	8	8	20	.	.	240	18	24	0	04.0	-03	50	50	6	.	.	1	ccir	49	48	0.2								
	Tiree	29	240	15	16	0	07.5	-02	50	50	6	.	.	8	8	05	.	.	270	15	64	0	07.5	+05	49	47	5	.	.	1	ccir	47	47	1								
	Benbecula	16	230	07	12	0	03.6	-02	48	48	6	.	.	8	8	04	.	.	250	11	81	0	05.4	+01	48	47	5	.	.	1	ccir	47	45	0.5								
	Stornoway	10	190	10	48	0	04.9	+01	46	44	2	.	.	8	8	30	.	.	210	08	64	0	04.1	+00	46	44	8	.	.	2	ccir	45	43	0.1								
12	Cape Wrath	367	250	24	64	0	03.7	+11	45	45	5	.	.	5	5	10	.	.	250	19	80	0	03.0	-04	44	44	6	.	.	1	ccir	43	41	0.4								
	Sole Skerry	43	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	270	13	80	0	02.5	+00	47	45	5	.	.	1	ccir	46	40	0.1								
	Loch Rannoch	680	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	80	0	05.3	-10	45	43	5	.	.	1	ccir	43	36	1								
	Dyce	234	200	15	81	0	05.4	+06	46	41	5	.	.	4	4	35	.	.	180	01	81	0	04.1	-08	48	46	6	.	.	1	ccir	44	38	4								
13	Lossiemouth	21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.								
	Wick	119	250	16	82	0	04.6	+04	44	39	5	.	.	3	3	36	.	.	180	05	81	0	04.0	-04	46	43	5	.	.	1	ccir	41	35	1								
	Lerwick	269	250	16	08	0	03.8	+09	45	45	5	.	.	8	8	10	.	.	250	21	64	0	03.7	-01	45	45	6	.	.	1	ccir	43	40	2								
	Blackad Point	18	260	21	48	0	04.1	+01	52	52	7	.	.	8	8	11	.	.	240	09	32	0	0																			

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

\* Information not usually received.



OBSERVATIONS during DAY (12<sup>th</sup>)

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



### 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

[illegible]

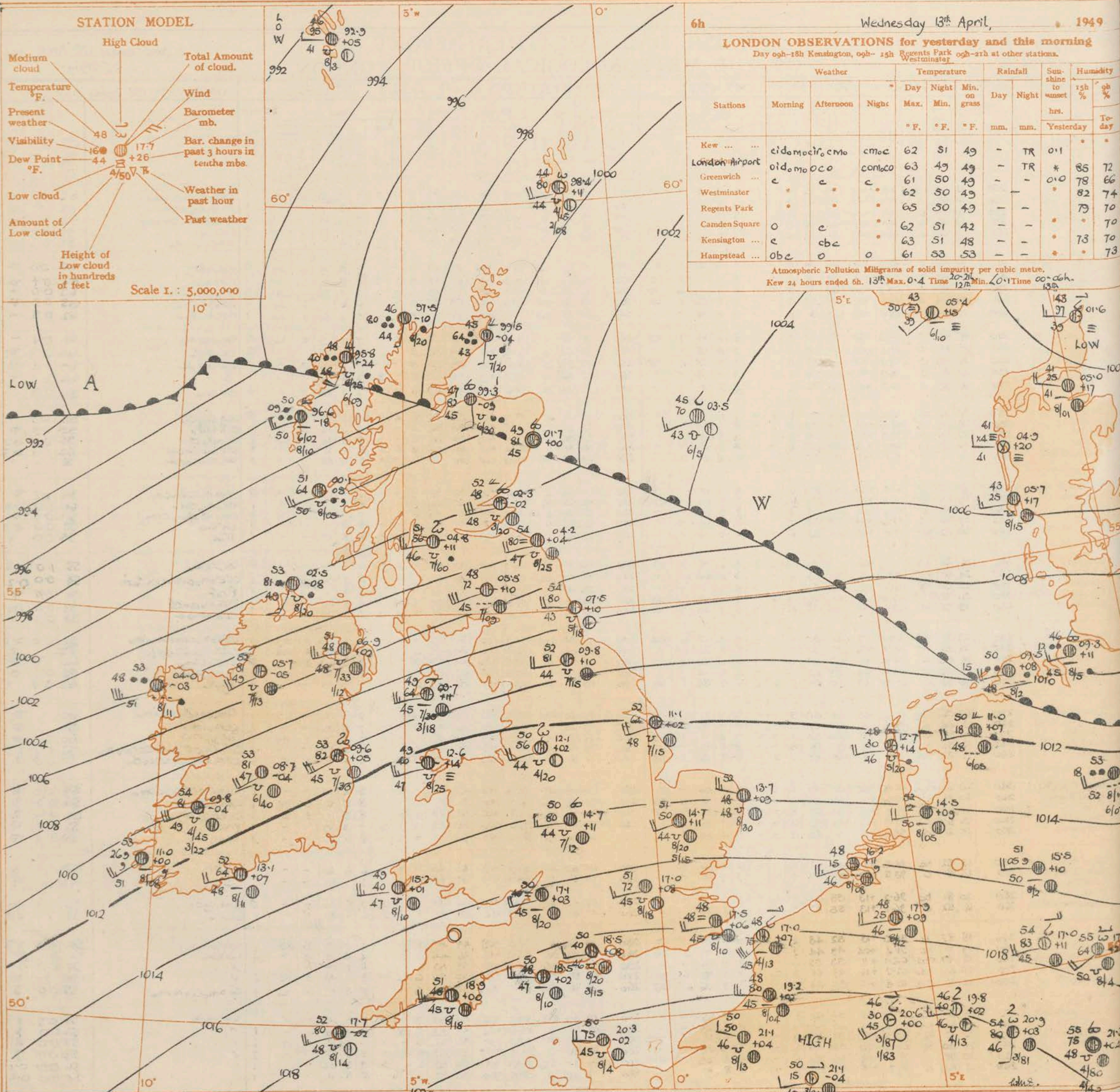
Wednesday 13<sup>th</sup> April,

1949

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

Westminster														
Stations	Weather			Temperature			Rainfall		Sun- shine to unset	Humidity				
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	9h %			
				Max.	Min.		mm.	mm.	hrs.					
				° F.	° F.	° F.			Yesterday			To- day		
	Kew ... ..	cld	mo	cir	cmo	cmoc	62	51	49	-	TR	0.1	*	*
London Airport	old	mo	oco		com	lco	63	49	49	-	TR	*	85	72
Greenwich ...	c	c	c				61	50	49	-	-	0.0	78	66
Westminster							62	50	49	-	-		82	77
Regents Park							65	50	49	-	-		79	74
Camden Square	o	c					62	51	42	-	-	*	*	71
Kensington ...	c	c	c				63	51	48	-	-		73	74
Hampstead ...	obc	o	o				61	53	53	-	-	*	*	71

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
New 24 hours ended 6h. 13<sup>th</sup> Max. 0.4 Time 20-24h 12<sup>th</sup> Min. 0.1 Time 00-06h 13<sup>th</sup>





# GENERAL INFERENCE

The depression moving east-northeast towards Northern Scotland will give rain and strong winds in the northwest and north followed tomorrow by frequent showers. Over the rest of the country weather will be mainly fair though some light rain or drizzle may occur in western coastal districts. On the east coast there will be bright periods.

# FURTHER OUTLOOK

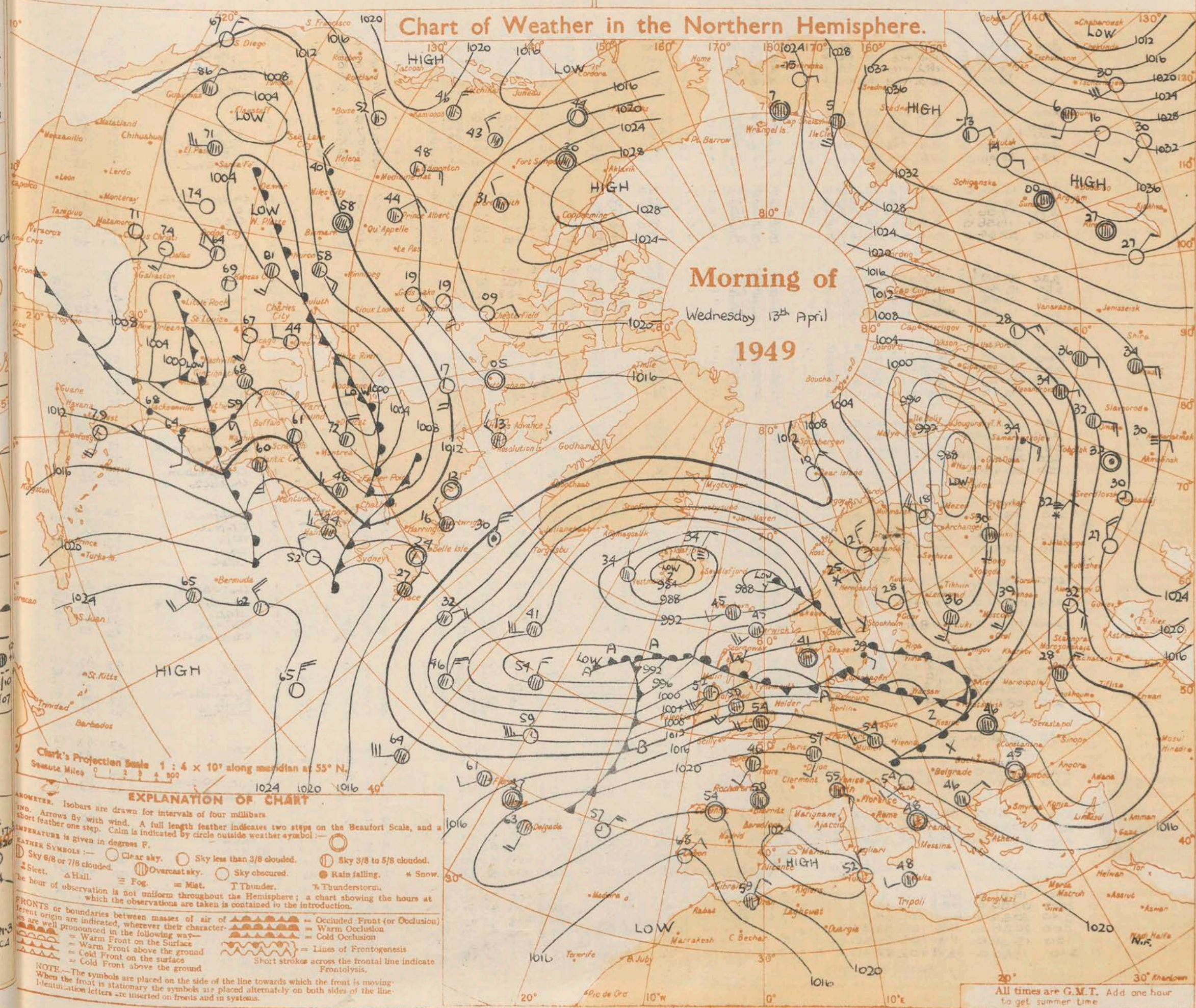
Colder, showery conditions spreading southeastwards to all areas.

# Gale Warning:-

South coasts are flying on coasts of Northern Ireland from Loch Foyle to Belfast and on Scottish coasts from Whiten Head to Port Patrick.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 13<sup>th</sup> April  
1949



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

# EXPLANATION OF CHART

**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.** 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. — Sleet. — Hail. — 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 (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. Add one hour to get summer time.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Wednesday, 13th April 1949  
No. 319/9

OBSERVATIONS at 06hr. G.M.T. 13th April

OBSERVATIONS at 06hr. G.M.T. 13th April

OBSERVATIONS Tuesday NIGHT

District	STATIONS	Height above M.S.L.	Wind.				Pressure.		Temp.		Cloud.						Wind.				Pressure.		Temp.		Cloud.						9h	Weather.	Temperature			Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			Direction (degrees)	Speed (kts.)	Visibility (Code figures)	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.			Main layer.	Lowest layer.	Direction (degrees)	Speed (kts.)	Visibility (Code figures)	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.			Main layer.	Lowest layer.	State of ground.	21 h.-00 h.			Min. "P"	Min. on Grass "P"	Rain.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
											Low.	Medium.	High.											Total amount.	0-8	8-15											15-25	25-35	35-45	45-55	55-65	65-75	75-85	85-95	95-100	100-110	110-120	120-130	130-140	140-150	150-160	160-170	170-180	180-190	190-200	200-210	210-220	220-230	230-240	240-250	250-260	260-270	270-280	280-290	290-300	300-310	310-320	320-330	330-340	340-350	350-360	360-370	370-380	380-390	390-400	400-410	410-420	420-430	430-440	440-450	450-460	460-470	470-480	480-490	490-500	500-510	510-520	520-530	530-540	540-550	550-560	560-570	570-580	580-590	590-600	600-610	610-620	620-630	630-640	640-650	650-660	660-670	670-680	680-690	690-700	700-710	710-720	720-730	730-740	740-750	750-760	760-770	770-780	780-790	790-800	800-810	810-820	820-830	830-840	840-850	850-860	860-870	870-880	880-890	890-900	900-910	910-920	920-930	930-940	940-950	950-960	960-970	970-980	980-990	990-1000	1000-1010	1010-1020	1020-1030	1030-1040	1040-1050	1050-1060	1060-1070	1070-1080	1080-1090	1090-1100	1100-1110	1110-1120	1120-1130	1130-1140	1140-1150	1150-1160	1160-1170	1170-1180	1180-1190	1190-1200	1200-1210	1210-1220	1220-1230	1230-1240	1240-1250	1250-1260	1260-1270	1270-1280	1280-1290	1290-1300	1300-1310	1310-1320	1320-1330	1330-1340	1340-1350	1350-1360	1360-1370	1370-1380	1380-1390	1390-1400	1400-1410	1410-1420	1420-1430	1430-1440	1440-1450	1450-1460	1460-1470	1470-1480	1480-1490	1490-1500	1500-1510	1510-1520	1520-1530	1530-1540	1540-1550	1550-1560	1560-1570	1570-1580	1580-1590	1590-1600	1600-1610	1610-1620	1620-1630	1630-1640	1640-1650	1650-1660	1660-1670	1670-1680	1680-1690	1690-1700	1700-1710	1710-1720	1720-1730	1730-1740	1740-1750	1750-1760	1760-1770	1770-1780	1780-1790	1790-1800	1800-1810	1810-1820	1820-1830	1830-1840	1840-1850	1850-1860	1860-1870	1870-1880	1880-1890	1890-1900	1900-1910	1910-1920	1920-1930	1930-1940	1940-1950	1950-1960	1960-1970	1970-1980	1980-1990	1990-2000	2000-2010	2010-2020	2020-2030	2030-2040	2040-2050	2050-2060	2060-2070	2070-2080	2080-2090	2090-2100	2100-2110	2110-2120	2120-2130	2130-2140	2140-2150	2150-2160	2160-2170	2170-2180	2180-2190	2190-2200	2200-2210	2210-2220	2220-2230	2230-2240	2240-2250	2250-2260	2260-2270	2270-2280	2280-2290	2290-2300	2300-2310	2310-2320	2320-2330	2330-2340	2340-2350	2350-2360	2360-2370	2370-2380	2380-2390	2390-2400	2400-2410	2410-2420	2420-2430	2430-2440	2440-2450	2450-2460	2460-2470	2470-2480	2480-2490	2490-2500	2500-2510	2510-2520	2520-2530	2530-2540	2540-2550	2550-2560	2560-2570	2570-2580	2580-2590	2590-2600	2600-2610	2610-2620	2620-2630	2630-2640	2640-2650	2650-2660	2660-2670	2670-2680	2680-2690	2690-2700	2700-2710	2710-2720	2720-2730	2730-2740	2740-2750	2750-2760	2760-2770	2770-2780	2780-2790	2790-2800	2800-2810	2810-2820	2820-2830	2830-2840	2840-2850	2850-2860	2860-2870	2870-2880	2880-2890	2890-2900	2900-2910	2910-2920	2920-2930	2930-2940	2940-2950	2950-2960	2960-2970	2970-2980	2980-2990	2990-3000	3000-3010	3010-3020	3020-3030	3030-3040	3040-3050	3050-3060	3060-3070	3070-3080	3080-3090	3090-3100	3100-3110	3110-3120	3120-3130	3130-3140	3140-3150	3150-3160	3160-3170	3170-3180	3180-3190	3190-3200	3200-3210	3210-3220	3220-3230	3230-3240	3240-3250	3250-3260	3260-3270	3270-3280	3280-3290	3290-3300	3300-3310	3310-3320	3320-3330	3330-3340	3340-3350	3350-3360	3360-3370	3370-3380	3380-3390	3390-3400	3400-3410	3410-3420	3420-3430	3430-3440	3440-3450	3450-3460	3460-3470	3470-3480	3480-3490	3490-3500	3500-3510	3510-3520	3520-3530	3530-3540	3540-3550	3550-3560	3560-3570	3570-3580	3580-3590	3590-3600	3600-3610	3610-3620	3620-3630	3630-3640	3640-3650	3650-3660	3660-3670	3670-3680	3680-3690	3690-3700	3700-3710	3710-3720	3720-3730	3730-3740	3740-3750	3750-3760	3760-3770	3770-3780	3780-3790	3790-3800	3800-3810	3810-3820	3820-3830	3830-3840	3840-3850	3850-3860	3860-3870	3870-3880	3880-3890	3890-3900	3900-3910	3910-3920	3920-3930	3930-3940	3940-3950	3950-3960	3960-3970	3970-3980	3980-3990	3990-4000	4000-4010	4010-4020	4020-4030	4030-4040	4040-4050	4050-4060	4060-4070	4070-4080	4080-4090	4090-4100	4100-4110	4110-4120	4120-4130	4130-4140	4140-4150	4150-4160	4160-4170	4170-4180	4180-4190	4190-4200	4200-4210	4210-4220	4220-4230	4230-4240	4240-4250	4250-4260	4260-4270	4270-4280	4280-4290	4290-4300	4300-4310	4310-4320	4320-4330	4330-4340	4340-4350	4350-4360	4360-4370	4370-4380	4380-4390	4390-4400	4400-4410	4410-4420	4420-4430	4430-4440	4440-4450	4450-4460	4460-4470	4470-4480	4480-4490	4490-4500	4500-4510	4510-4520	4520-4530	4530-4540	4540-4550	4550-4560	4560-4570	4570-4580	4580-4590	4590-4600	4600-4610	4610-4620	4620-4630	4630-4640	4640-4650	4650-4660	4660-4670	4670-4680	4680-4690	4690-4700	4700-4710	4710-4720	4720-4730	4730-4740	4740-4750	4750-4760	4760-4770	4770-4780	4780-4790	4790-4800	4800-4810	4810-4820	4820-4830	4830-4840	4840-4850	4850-4860	4860-4870	4870-4880	4880-4890	4890-4900	4900-4910	4910-4920	4920-4930	4930-4940

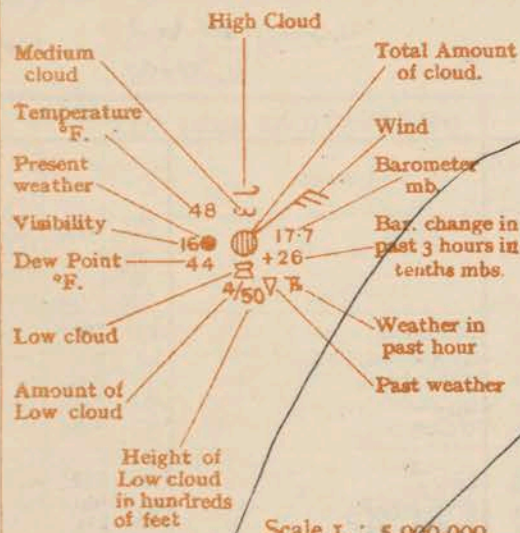


BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Thursday 14<sup>th</sup> April 1949  
No. 31920.OBSERVATIONS at 12h. G.M.T. 13<sup>th</sup> April.OBSERVATIONS at 18h. G.M.T. 13<sup>th</sup> April.OBSERVATIONS during DAY (13<sup>th</sup>)

District.	STATIONS. (For heights see p. 4)	OBSERVATIONS at 12.00 P.M.																OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																		
		Wind.				Pressure.		Temp.		Cloud.						Wind.				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. in. (37)																																																																																																																																																																																																																																																																																																																																																		
		Direction (degrees).	Speed (kts.).	Visibility (Code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb. °F.	Dew point. °F.	Low.	Medium.	High.	Total amount.	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8						0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8



# STATION MODEL



Low 1002 6h Thursday 14th April.

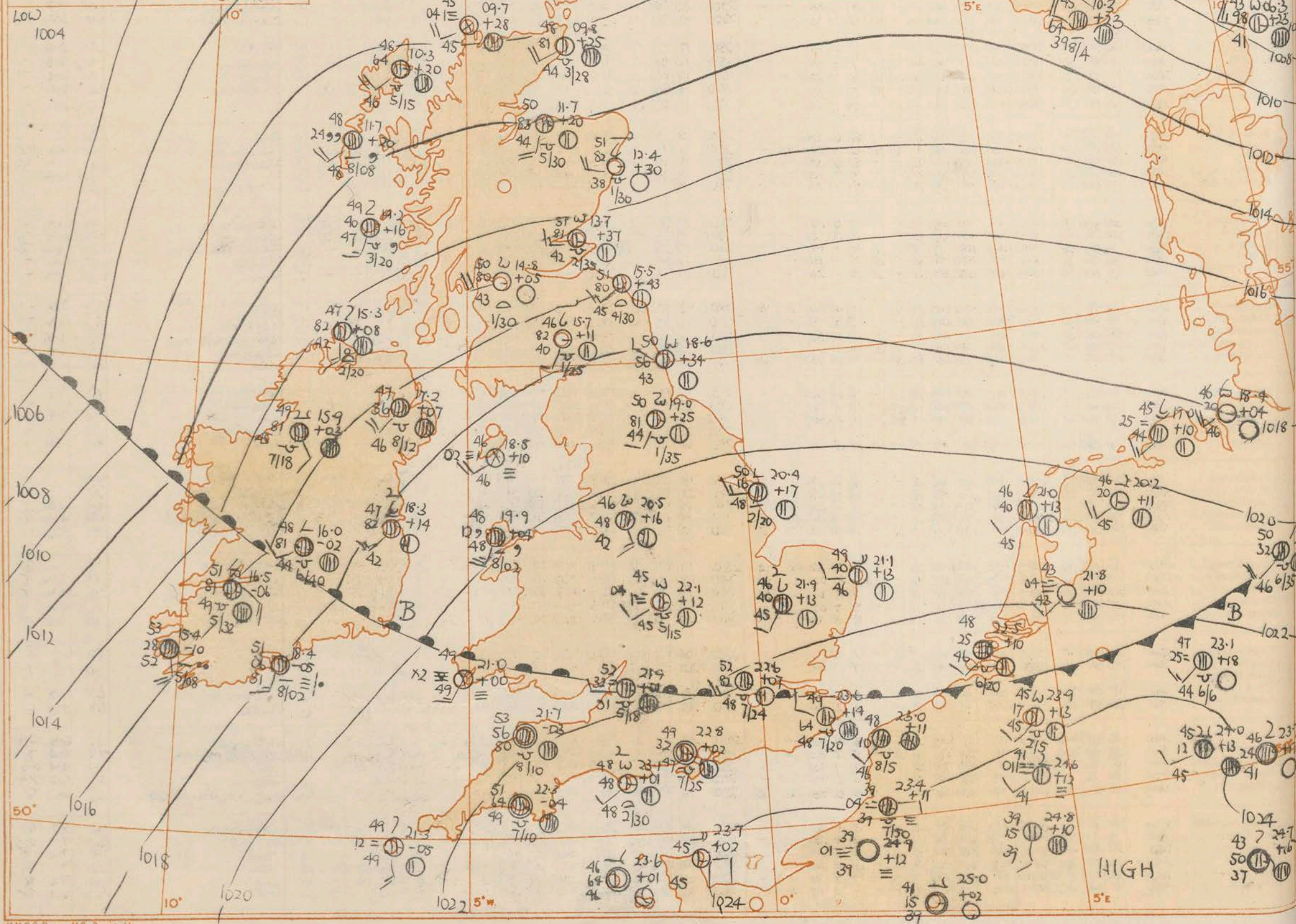
1949

## 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		Yest.	To-day
Kew ...	...	...	...	63	52	41	-	-	7.7	...	...
London Airport	cbcy bcc	obccybcyb	cocv	63	49	43	-	-	...	55	75
Greenwich ...	b	bbcy	bccb	64	49	38	-	-	6.8	51	64
Westminster	.	.	.	64	51	45	-	-	.	61	68
Regents Park	.	.	.	63	52	46	-	-	.	56	64
Camden Square	c	b	.	64	52	42	-	-	.	.	68
Kensington ...	bc	bc	bc	66	52	46	-	-	.	52	66
Hampstead ...	obc	bc	bc	64	49	43	-	-	.	.	69

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 14th. Max. 0.2 Time 13h Min. 0.1 Time 6-18hrs 13th.





# GENERAL INFERENCE

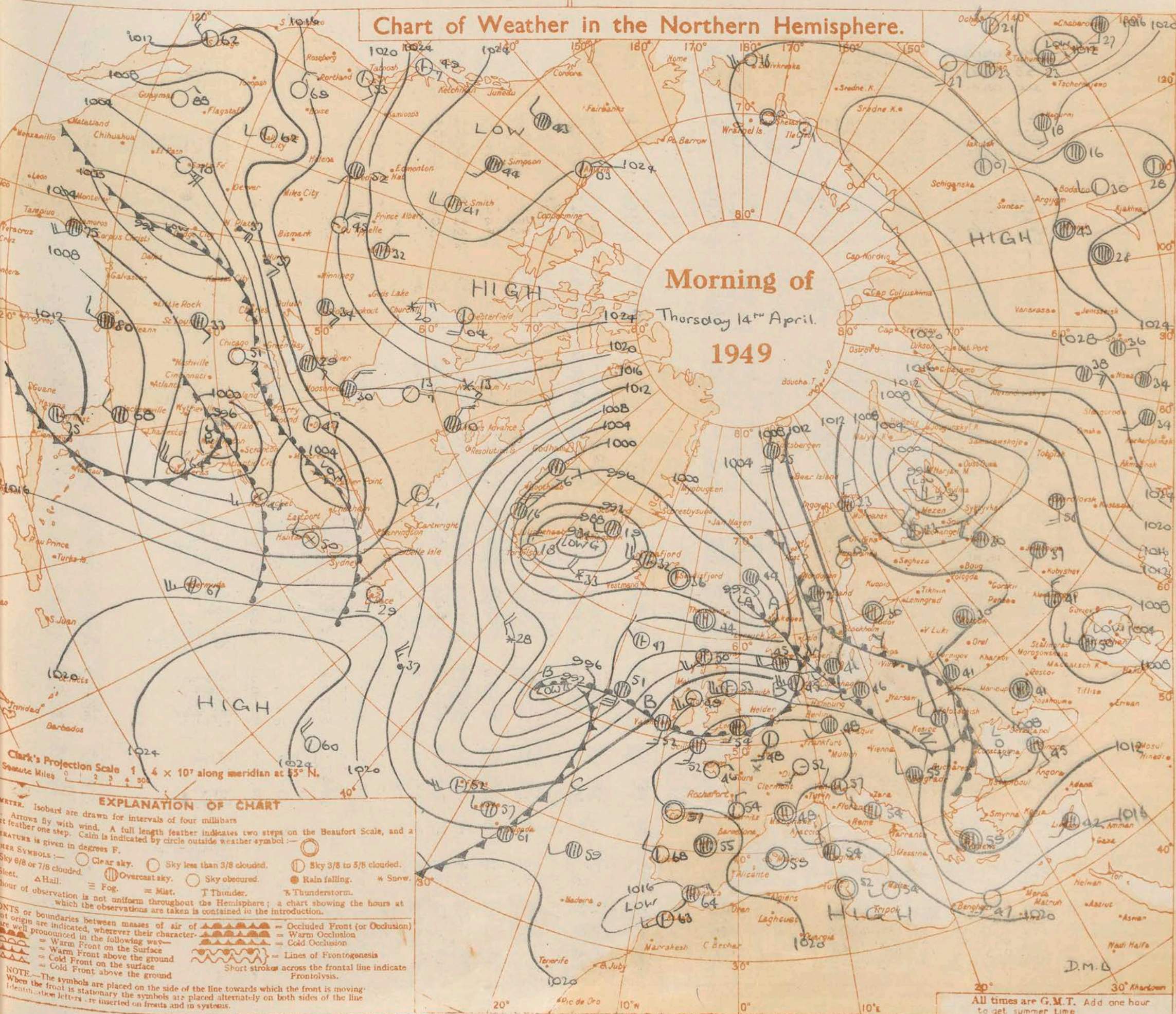
The depression off West Scotland is moving northeast while the anticyclone over France is moving East and intensifying. It will be fair and warm over much of the country but in Western and Northern districts there will be considerable cloud at times and perhaps occasional drizzle. Fog patches will develop towards dawn in central and Southern districts of England.

# FURTHER OUTLOOK

Fair and warm over much of the country. Less settled with some rain or drizzle in the Northwest and North.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 14<sup>th</sup> April.  
1949



## 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 dot 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 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. T Thunder. \* Thunderstorm.  
**FRONTS.** Fronts are indicated by lines with symbols. A chart showing the hours at which the observations are taken is contained in the introduction.  
**FRONT TYPES:**  
— Warm Front (or Occlusion)  
— Cold Front  
— 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. Add one hour to get summer time.



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

Thursday 14th April 1949

No. 31920.

OBSERVATIONS at 00hr. G.M.T. 14th April

OBSERVATIONS at 06hr. G.M.T. 14th April

OBSERVATIONS Wednesday NIGHT

District.	STATIONS.	Height above M.S.L.	Wind.				Pressure.		Temp.		Cloud.						Wind.		Pressure.		Temp.		Cloud.						9h	Weather.	Temperature		Rain.									
			Direction (degrees).	Speed (kts.).	Visibility (Code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Dew point.	Form.			Total amount.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Visibility (Code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Dew point.	Form.				Total amount.	Main layer.		Lowest layer.	State of ground.	21 h.-00 h.	Min. °F (39).	Min. on Grass °F. (40).				
												Low.	Medium.	High.													Low.	Medium.											High.	Low.	Medium.	High.
0	Kew ... London Airport ...	18 82	.	.	.	.	.	54	.	.	.	.	.	.	.	.	.	270	02 81	c	22.1	+07	53	47	1	7	7	25	1	c	52	41	-									
1	Lymington ...	341	240	05 56	c	21.4	+08	54.49	5	-	-	7	7	25	1	7	25	240	07 82	c	22.6	+07	52	48	5	-	7	7	24	-	0	coev	49	43	-							
	Tangmere ...	53	230	09 64	b	21.7	+05	44.44	5	-	-	4	1	2	10	10	10	290	06 64	c	23.6	+14	49	48	5	-	7	7	20	-	0	bcwcmo	43	38	-							
	Calshot ...	8	120	04 32	c	22.1	+02	46.45	5	-	-	7	7	40	1	7	40	0	15	bft	23.3	+08	45	45	-	-	0	0	0	-	0	cmofbcmo	42	38	-							
		260	03 40	2	22.1	+06	50.49	5	-	-	8	8	25	1	8	25	1	8	25	0	32	z	22.8	+02	49	47	5	-	7	7	25	-	0	bcmo, omo, bmo, bemo	49	41	-					
2	Boscombe Down ...	414	250	04 56	o	21.8	+04	52.50	5	-	-	8	8	19	1	8	19	260	03 81	c	22.5	+02	53	49	5	-	7	7	25	-	0	z	52	50	-							
	Felixstowe ...	10	270	08 56	bc	19.9	+04	54.46	5	-	-	4	4	40	1	4	40	0	64	b	22.3	+13	45	43	-	-	2	2	-	-	1	beebcz, bbwbc	45	35	-							
	Gorleston ...	5	270	05 48	2	19.2	+14	53.48	5	-	-	7	9	3	2	-	-	270	05 40	z	21.1	+13	49	46	-	-	2	4	-	-	0	beebcz, bemo, wbcz	48	43	-							
	West Raynham ...	250	240	13 40	bc	19.1	+11	49.47	5	-	-	3	5	3	1	-	-	220	14 24	c	20.7	+11	46	45	-	-	7	9	6	-	0	bmo, bemo	45	42	-							
	Mildenhall ...	15	240	08 56	bc	20.2	+13	51.49	5	-	-	2	3	-	-	-	-	200	04 40	e	21.9	+13	46	45	-	-	4	5	6	1	0	bbcmobc	45	34	-							
3	Cranfield ...	340	250	10 56	c	20.0	+11	51.48	5	-	-	7	7	25	1	7	25	240	06 05	bc	21.7	+12	44	44	-	-	6	5	-	-	0	cbcbcmow	44	39	-							
	Honiley ...	427	230	10 64	bc	20.4	+12	49.47	5	-	-	5	5	35	1	5	35	240	04 04	bft	22.1	+12	45	45	6	3	5	15	-	1	cbcbcmow	44	39	-								
	Wittering ...	236	250	12 80	c	19.8	+13	50.47	5	-	-	6	6	23	2	35	35	250	11 40	c	21.5	+12	44	42	5	3	8	6	4	81	1	b, bc, bemo	43	38	-							
	Watnall ...	366	240	05 24	bc	18.9	+14	49.44	5	-	-	5	5	-	-	-	-	140	03 11	c	21.0	+17	44	43	-	-	4	2	6	2	84	0	bemo, bezo	43	39	-						
4	Little Rissington ...	740	260	11 80	c	21.0	+09	50.45	5	-	-	7	7	20	1	7	20	260	13 32	c	21.8	+03	45	45	5	-	1	6	5	12	1	cofobcmow	44	42	-							
5	Ross-on-Wye ...	223	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	200	05 50	bc	21.4	+02	50	48	1	-	2	3	1	20	0	beebc	49	43	-							
	Shawbury ...	235	240	16 80	c	19.3	+05	52.46	5	-	-	7	5	7	6	-	6	20	03 81	c	20.7	+08	51	46	5	7	-	7	6	25	4	13	0	cbcc	51	43	-					
	Bristol ...	209	270	02 40	o	21.6	+09	52.50	5	-	-	8	8	15	1	8	15	270	02 32	c	21.9	+01	52	51	5	-	7	5	18	2	14	0	cmow	51	49	-						
	Exeter ...	100	190	02 18	c	22.4	+06	53.52	5	-	-	7	7	09	1	7	09	160	02 64	bc	22.5	+03	49	49	5	4	1	5	4	40	-	0	efg mabc	49	31	TR						
	Portland Bill ...	32	260	09 48	c	22.8	+08	49.48	5	-	-	7	7	30	1	7	30	20	02 48	z	23.1	+01	48	48	1	5	5	3	2	30	-	0	cm, bcm, cm	47	*	-						
6	Plymouth ...	90	200	05 48	z	22.6	+04	51.50	5	-	-	8	8	16	1	8	16	0	64	c	22.3	+04	51	49	5	-	7	7	10	-	0	omo, c	51	50	-							
	Chivenor ...	20	230	03 32	bc	22.0	+05	52.49	6	-	-	8	8	04	1	8	04	0	66	o	21.7	+03	53	50	5	-	8	8	10	-	1	cir, mo, cmoc	51	51	TR							
	St. Eval ...	366	200	08 14	bc	22.6	+04	52.52	6	-	-	8	8	10	3	04	04	140	06 80	c	22.1	+04	49	47	5	-	2	6	6	-	1	omo, oido, o, bc, c	48	43	TR							
	Lizard ...	240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	01	ft	21.5	+06	49	49	-	-	9	9	-	0	0	c, bc, m, ff, bc	47	*	TR							
	Scilly, St. Mary's ...	163	200	08 81	c	21.8	+01	52.51	5	-	-	7	7	18	1	7	18	170	07 12	bc	21.3	+05	49	49	-	-	4	9	-	-	0	c, bc, w	49	*	-							
7	Guernsey ...	340	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	64	b	23.6	+01	46	46	-	-	8	2	-	-	0	bebfq	45	34	TR							
	Aberporth ...	375	220	15 80	c	20.0	+03	50.49	6	-	-	7	7	-	2	09	09	210	08 48	c	20.5	+03	50	49	6	-	7	7	08	-	1	ewofem	48	44	TR							
	Pembroke ...	142	260	13 22	ft	20.7	+07	49.49	5	-	-	9	9	-	-	-	-	210	08 42	f	21.0	+00	49	49	-	-	9	9	-	-	1	fc	47	*	TR							
	Holyhead (Valley) ...	32	230	13 24	b	18.1	+14	48.48	5	-	-	7	1	-	50	-	-	200	17 12	ido	19.9	+04	48	48	6	-	8	8	02	-	1	bmo, ef, d, doc	46	44	0.3							
8	Manchester ...	230	210	10 81	c	18.7	+13	50.46	5	-	-	6	7	-	-	-	-	170	08 48	c	20.5	+16	46	42	-	-	9	6	-	-	1	cbemo	44	40	-							
9	Squires Gate ...	93	240	17 64	b	18.1	+11	48.47	5	-	-	1	1	-	-	-	-	250	11 80	c	19.9	+16	47	47	6	-	1	7	7	06	-	1	bwcbe	46	40	TR						
	Silloth ...	25	230	18 81	b	15.2	+18	51.46	5	-	-	0	0	0	-	-	-	260	18 81	b	16.9	+08	48	46	1	-	9	1	25	-	1	bbefc	45	42	-							
	Finningley ...	59	220	10 64	c	17.2	+07	51.46	5	-	-	3	2	7	5	-	-	200	10 16	bc	20.2	+12	46</																			

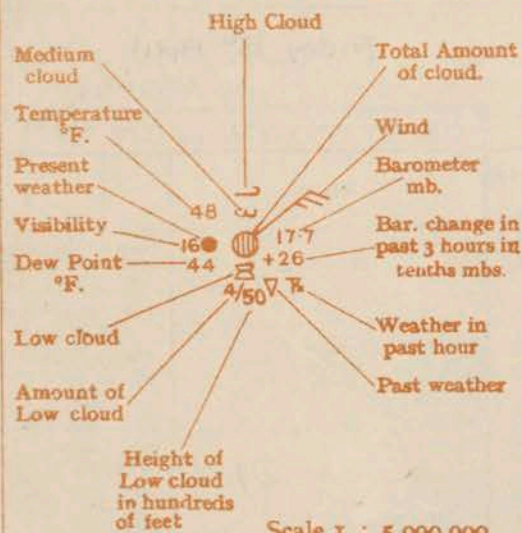


OBSERVATIONS during DAY (14<sup>th</sup>)

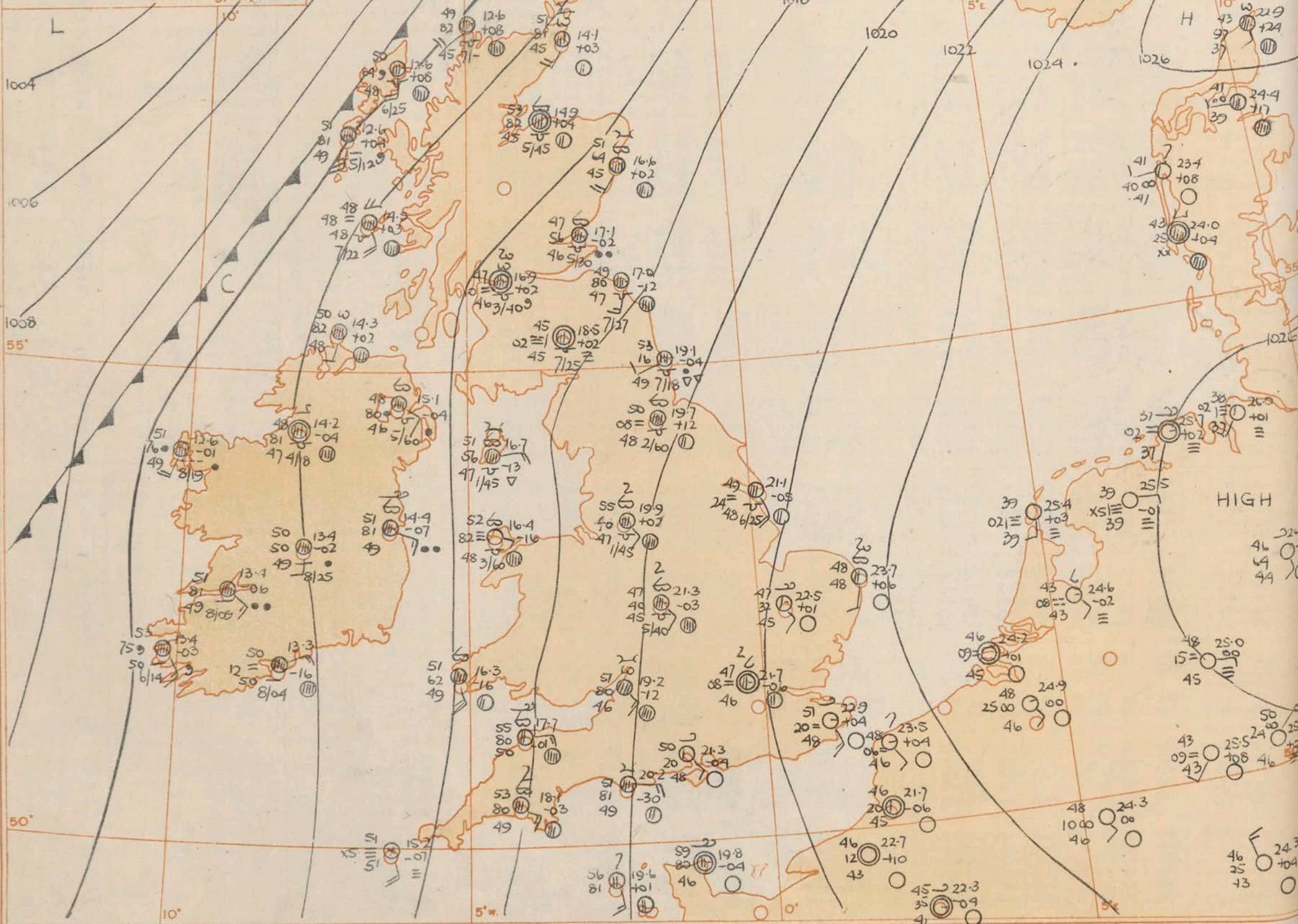
NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.



# STATION MODEL



Scale 1 : 5,000,000



6h Friday 15th April 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 to sunset		Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	hrs.	15h %	9h %
Kew ...	cbccbcw	bwbbw	bb	66	44	34	-	TR	7.7			
London Airport	cbccbc	bmwbw	bb	67	44	39	-	-	*	6.0	70	
Greenwich ...	bc	by	b	70	46	35	-	-	9.8	58	58	
Westminster				68	51	43	-	-		72	69	
Regents Park				68	48	40	-	-		53	62	
Camden Square	bc	b		71	49	39	-	-			67	
Kensington ...	bc	bc		69	48	39	-	-		56	63	
Hampstead ...												

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 15h. Max. 0.5 Time 16h. Min. 0.1 Time 14h.



# GENERAL INFERENCE

The trough of low pressure to the West of the British Isles is moving slowly eastward. Cloudy conditions in the West and North will extend slowly eastwards with occasional thundery rain or showers. In eastern districts it will continue fair or fine and warm today with some increase of cloud tomorrow morning.

# FURTHER OUTLOOK

Thundery rain or showers becoming more frequent in the West and North and extending eastwards slowly.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 15<sup>th</sup> April  
1949

### EXPLANATION OF CHART

**ISOBARS.** 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.  
☉ Sun. ☁ Cloud. ☂ Rain falling. \* Snow.  
☂ Hail. ☂ Thunder. ☂ Thunderstorm.  
☂ 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 (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. Add one hour to get summer time.



OBSERVATIONS *Thursday* NIGHT

\* Rainfall read at 06-00.

\* Information not usually received.



BRITISH  
SECTION

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 16<sup>th</sup> April 1940

No. 31922

OBSERVATIONS at 12h. G.M.T. 15th April																	OBSERVATIONS at 18h. G.M.T. 15th April																	OBSERVATIONS during DAY (5th)			
Distance.	STATIONS. (For heights see p. 4)	Wind.		Visibility (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						Wind.		Visibility (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						21h. State of ground	Weather.  09 to 21 h.	Max. Temp. 09h. 21h. °F (33)	Sun- shine. (36)	Rain 21h. mm. (37)			
		Direction (degrees)	Speed (kts.)			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.	Amount.	Main layer.	Lowest layer.	Direction (degrees)	Speed (kts.)	Bar at M.S.L.	Change in 3 hrs.			Dry Bulb.	Wet Bulb.	Form.	Amount.	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)
0	Kew	130	08	46	b	20.8	-11	63	51	-	-	1	1	-	-	080	11	09	C	18.1	-07	65	52	-	1	6	7	7	-	-	0	bcwpyb20yc20bc20	74	9.0	-		
1	London Airport	130	11	80	b	20.6	-05	71	50	-	-	1	2	-	-	080	08	32	Z	18.1	-07	69	53	-	1	7	8	0	0	-	0	bcwpyb20yc20bc20	76	9.0	-		
	Lympe	160	10	24	z	21.6	-15	64	55	-	-	2	6	-	-	070	11	24	Z	18.8	-06	61	52	-	2	8	0	0	0	-	0	b20c20cmob20	69	9.7	-		
	Tangmere	140	12	40	z	20.8	-08	65	53	-	-	2	3	86	-	100	08	32	Z	17.4	-12	65	52	-	2	6	6	86	-	-	0	bc20b20yc20	67	9.1	-		
	Calshot	130	19	24	z	20.6	-08	52	49	-	-	2	-	-	-	150	06	24	Z	17.6	-12	36	51	-	7	7	1	-	-	0	bcmb20m0cmoc20	60	10.3	-			
2	Boscombe Down	1100	18	64	b	19.8	-04	69	48	-	-	1	2	-	-	090	09	81	C	18.5	-09	65	47	-	6	7	0	0	-	-	0	bcwpybc	69	8.8	-		
	Felixtowe	160	05	13	z	22.7	-09	55	49	-	-	1	1	-	-	090	05	24	Z	20.1	-11	52	46	-	2	2	0	0	-	-	0	bmo b20cmo	57	9.9	-		
	Gorleston	190	04	20	jc	23.0	-07	52	48	-	-	0	0	0	-	180	05	24	Z	21.4	-08	50	48	-	2	2	0	0	-	-	0	bcjfc bcmobcmojf	55	9.5	-		
	West Raynham	170	20	56	b	21.7	-09	66	49	-	-	1	2	-	-	150	13	64	O	20.1	-02	59	49	-	1	7	0	0	-	-	0	b20ybcwcybc	68	7.8	-		
	Mildenhall	120	11	56	bc	21.7	-08	68	49	-	-	2	4	-	-	110	09	64	O	19.5	-06	62	51	-	7	8	0	0	-	-	0	b20ybcwcybc	71	8.4	-		
3	Cranfield	160	12	16	z	20.2	-10	69	48	-	-	6	7	-	-	160	16	32	Z	18.2	-07	67	51	-	8	8	0	0	-	-	0	bc20yc20yc20	72	7.8	-		
	Honiley	160	15	80	c	19.6	-12	70	49	-	-	6	7	-	-	160	04	80	C	17.5	-10	66	52	-	6	7	0	0	-	-	0	bcmb20yc20	72	5.5	-		
	Wittering	160	13	56	bc	20.6	-13	70	49	-	-	4	4	13	-	150	07	64	C	18.6	-04	67	41	-	2	6	7	4	-	-	0	bc20yc20	72	8.1	-		
	Watnall	180	10	40	z	19.6	-10	72	50	-	-	1	3	-	-	150	09	56	Z	17.8	-14	68	53	-	2	6	7	4	-	-	0	c20yb	74	5.4	-		
4	Little Risington	180	16	80	c	19.9	-08	69	48	-	-	6	7	-	-	160	11	64	O	17.5	-07	66	45	-	7	8	0	0	-	-	0	c20yb	71	9.2	-		
5	Ross-on-Wye	180	10	81	C	18.5	-13	73	50	-	-	6	7	-	-	230	03	81	C	17.3	-04	69	47	-	7	8	0	0	-	-	0	cbwcy	75	8.0	-		
	Shawbury	160	16	80	C	17.8	-10	72	48	-	-	6	6	3	-	130	02	80	C	16.3	-09	70	48	-	7	8	0	0	-	-	0	cbwcy	73	5.5	-		
	Bristol	160	15	82	C	18.3	-11	73	47	-	-	2	6	3	-	130	10	81	C	16.3	+08	66	44	-	7	8	0	0	-	-	0	bccybcwcy	74	8.9	-		
	Exeter	180	10	80	C	18.2	-06	63	53	-	-	7	7	-	-	130	07	56	C	16.8	-11	62	53	-	7	8	0	0	-	-	0	c20	67	7.5	-		
	Portland Bill	080	09	48	z	19.3	-14	55	50	-	-	7	7	-	-	090	13	40	Z	16.5	-15	52	49	-	7	8	0	0	-	-	0	cmbcm	56	-	-		
	Plymouth	110	10	81	C	16.8	-13	69	48	-	-	7	7	-	-	110	11	64	O	14.5	-08	60	49	-	7	8	0	0	-	-	0	ccycbc	71	8.0	-		
	Chivonor	110	12	80	C	16.6	-11	68	53	-	-	7	7	80	-	070	08	83	O	14.6	-14	65	48	-	7	8	0	0	-	-	0	cbwcybc	72	7.1	-		
	St. Eval	130	07	81	C	16.1	-03	67	47	-	-	6	6	-	-	130	13	80	O	14.0	-12	65	45	-	7	8	0	0	-	-	0	bccybcwcy	67	7.1	-		
	Lizard	060	05	64	bc	16.6	-01	59	52	-	-	6	4	80	5	170	12	64	O	13.6	-11	55	51	-	7	8	0	0	-	-	0	cbwcybc	60	10.0	-		
	Scilly, St. Mary's	130	07	24	o	15.9	+02	54	54	-	-	6	7	-	-	30	14	56	C	13.3	-04	55	51	-	7	8	0	0	-	-	0	ffecbcoffe	60	4.8	-		
6	Guernsey	120	03	64	C	18.0	-18	67	48	-	-	7	-	-	-	110	06	56	C	14.9	-07	68	52	-	6	7	0	0	-	-	0	mf mocc	73	10.2	-		
7	Aberporth	190	21	81	C	14.9	-03	71	53	-	-	7	3	86	-	170	10	81	C	13.9	-07	66	49	-	3	8	7	3	81	-	-	0	cbwcy	72	3.4	-	
8	Pembroke	160	15	40	z	16.4	-03	54	49	-	-	3	3	83	-	150	16	36	C	14.1	-16	61	47	-	7	8	0	0	-	-	0	cbwcybc	61	6.0	-		
	Holyhead (Valley)	220	13	56	b	15.7	+00	61	52	-	-	3	2	40	-	-	0	81	bc	14.9	-10	56	51	-	7	8	0	0	-	-	0	cb	61	5.2	-		
	Manchester	160	15	36	bc	18.2	-09	71	50	-	-	3	6	83	-	150	08	64	O	16.5	-10	69	46	-	7	8	0	0	-	-	0	cybc20y	74	6.1	-		
9	Squires Gate...	150	17	32	C	17.6	-10	69	54	-	-	6	5	60	-	150	15	81	O	16.4	-03	68	55	-	4	7	8	2	80	-	-	0	moyc	73	2.7	-	
	Silloth	240	07	64	b	15.8	-02	65	57	-	-	1	1	-	-	240	07	40	C	15.4	+00	55	51	-	3	8	7	4	-	-	0	bcwcybc	70	-	-		
10	Finningley	160	12	56	bc	19.5	-10	73	47	-	-	3	3	25	-	160	11	48	C	18.0	-03	67	55	-	7	8	0	0	-	-	0	bc20yb20c	75	6.0	-		
	Spurn Head	130	08	16	bc	20.4	-14	58	40	-	-	1	-	-	-	130	08	16	C	19.2	+00	54	47	-	7	8	0	0	-	-	0	bcmbcmo	59	4.6	-		
	Leeming	160	10	14	b	16.1	-18	70	52	-	-	1	-	-	-	160	04	34	C	16.9	+00	69	50	-	4	7	8	7	83	-	-	0	bc20c20b	76	4.7	-	
11	Tynemouth	160	09	20	C	18.3	-08	51	47	-	-	6	3	15	-	180	20	56	C	16.5	+02	62	50	-	6	7	7	4	18	-	-	0	cmbcmoc	64	-	-	
	St. Abb's Head	180	09	16	o	15.9	-06	57	49	-	-	8	8	27	-	230	08	16	C	13.9	-03	69	51	-	5	7	7	4	40	-	-	0	cmbcmocmo	72	-	-	
12	Leuchars	-	10	40	bc	16.5	-10	61	51	-	-	4	2	2	-	-	10	20	C	14.0	-01	64	48	-	5	7	7	4	-	-	0	cmbcmocmo	62	5.1	Tr		
	Eskdalemuir...	150	12	81	o	15.1	-15	67	50	-	-	7	2	35	-	230	10	81	C	15.3	+02	63	51	-	5	7	7	4	35	-	-	0	ccybc	69	6.5	-	
	Prestwick	320	06	24	ic	15.8	-01	55	52	-	-	8	5	60	1	-	0	81	C	14.7	+00	56	51	-	5	7	7	4	83	1	70	1	bccirg crrgc	64	2.5	Tr	
13a	West Freugh...	130	10	40	ic	15.6	-05	55	49	-	-	5	2	-	-	110	04	80	O	14.4	-07	51	49	-	5	7	7	7	1	40	-	-	0	cmbcmoc	57	-	0.5
13b	Ronaldsway	120	02	48	o	16.0	+02	56	50	-	-	2	3	7	-	110	10	56	C	15.1	-07	52	49	-	5	7	7	7	2	40	-	-	0	c	57	1.8	-
	Tiroe	150	09	09	ic	14.2	-04	50	50	-	-	7	7	-	-	180	09	16	bc	12.4	-03	49	49	-	6	7	7	7	30	7	-	1	cmbcmo	53	0.4	-	
	Bonbecula	160	12	48	ic	13.7	+03	51	50	-	-	6	7	-	-	200	10	32	O	12.1	-06	50	49	-	6	7	7	7	21	3	06	1	cmbcmo	52	0.0	-	
	Stornoway	190	13	40	ic	14.3	+07	50	49	-	-	6	2	-	-	-	0	16	rr	12.4	-02	50	50	-	6	7	7	7	8	05	-	-	2	cmbcmo	52	0.0	-
14	Cape Wrath	200	09	82	o	14.7	+04	52	46	-	-	8	8	20	-	090	09	56	ic	12.6	-12	48	48	-	8	8	15	-	-	-	2	rrfir	54	-	-		
15	Sule Skerry	230	13	82	c	14.5	+10	51	49	-	-	7	4	20	3	230	02	80	ic	13.6	-09	49	47	-	8	8	10	-	-	-	1	-	2	-	-		
	Loch Rannoch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Dyce	180	18	64	c/r	16.4	-08	58	49	-	-	7	7	83	3	170	10	17																			

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.

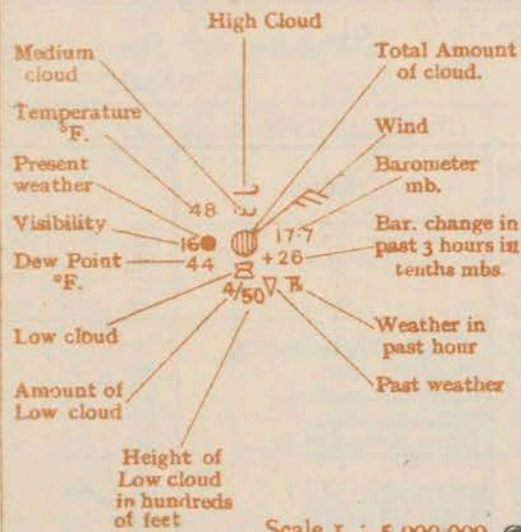
++ Cloud heights are in hundreds of feet

\* Information not usually received.

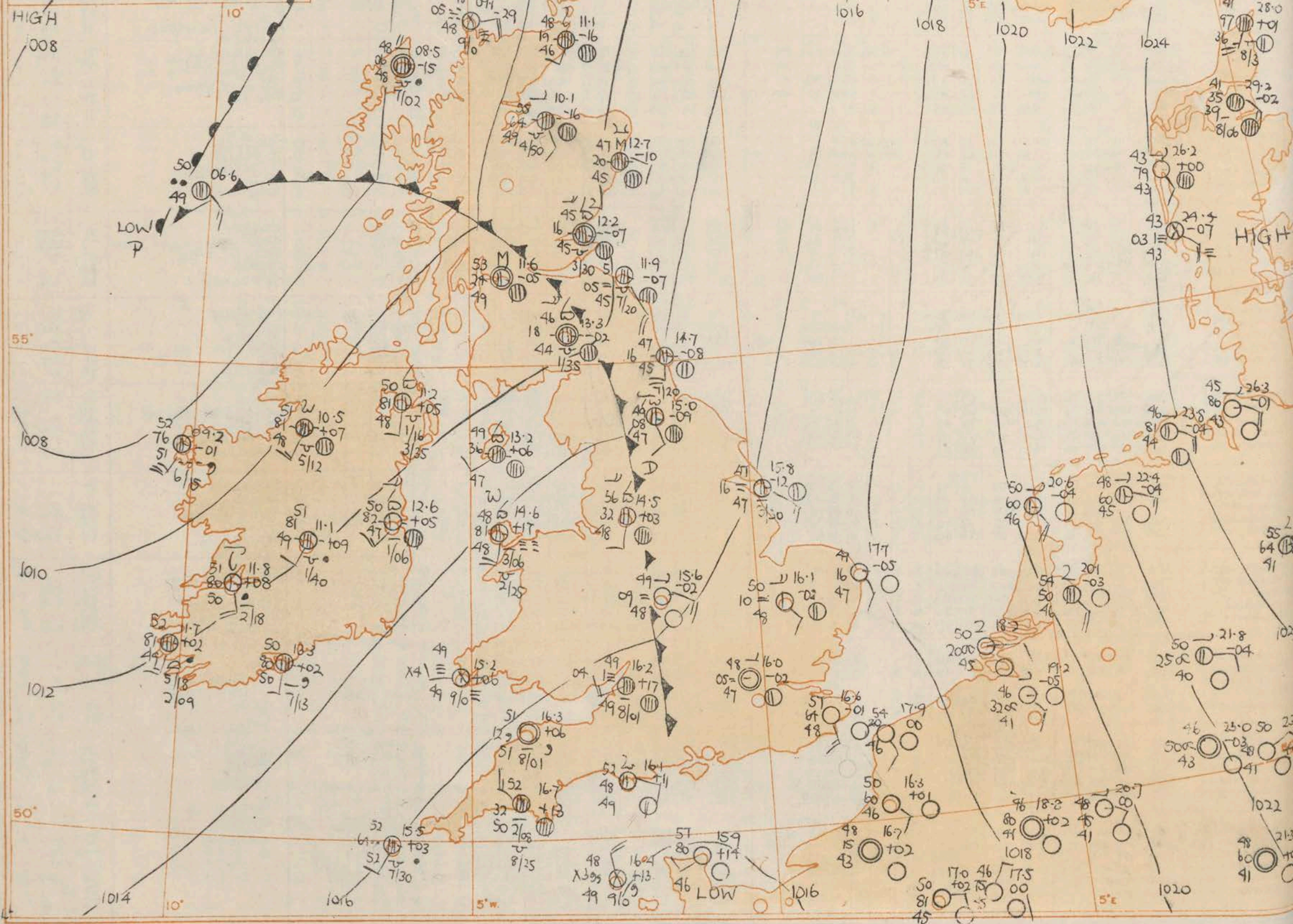
NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.



# STATION MODEL



Scale 1 : 5,000,000



6h Saturday 16<sup>th</sup> April 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.	Min. on grass	Day	Night		15h %	9h %
Kew ...	bawby	b70 y20	b220f	74	48	35	-	Tr	9.0	*	*
London Airport	bcbfo	bcbfo	bcbom	76	48	42	-	-	*	45	63
Greenwich ...	b	bby	bcb2	74	47	34	-	-	8.8	45	60
Westminster	.	.	.	74	52	43	-	-	.	58	67
Regents Park	.	.	.	73	49	42	-	-	.	47	62
Camden Square	b	bacc	.	76	49	38	-	-	.	.	61
Kensington ...	bbc	bbc	.	75	49	40	-	-	.	67	63
Hampstead ...	bc	b	b	73	51	41	-	-	.	.	55

Atmospheric Pollution Millions of solid impurities per cubic metre.  
Kew 24 hours ended 6h. 16<sup>th</sup> Max. 0.2 Time 16<sup>th</sup> Min. 0.1 Time 09-15hrs 15<sup>th</sup>



# GENERAL INFERENCE

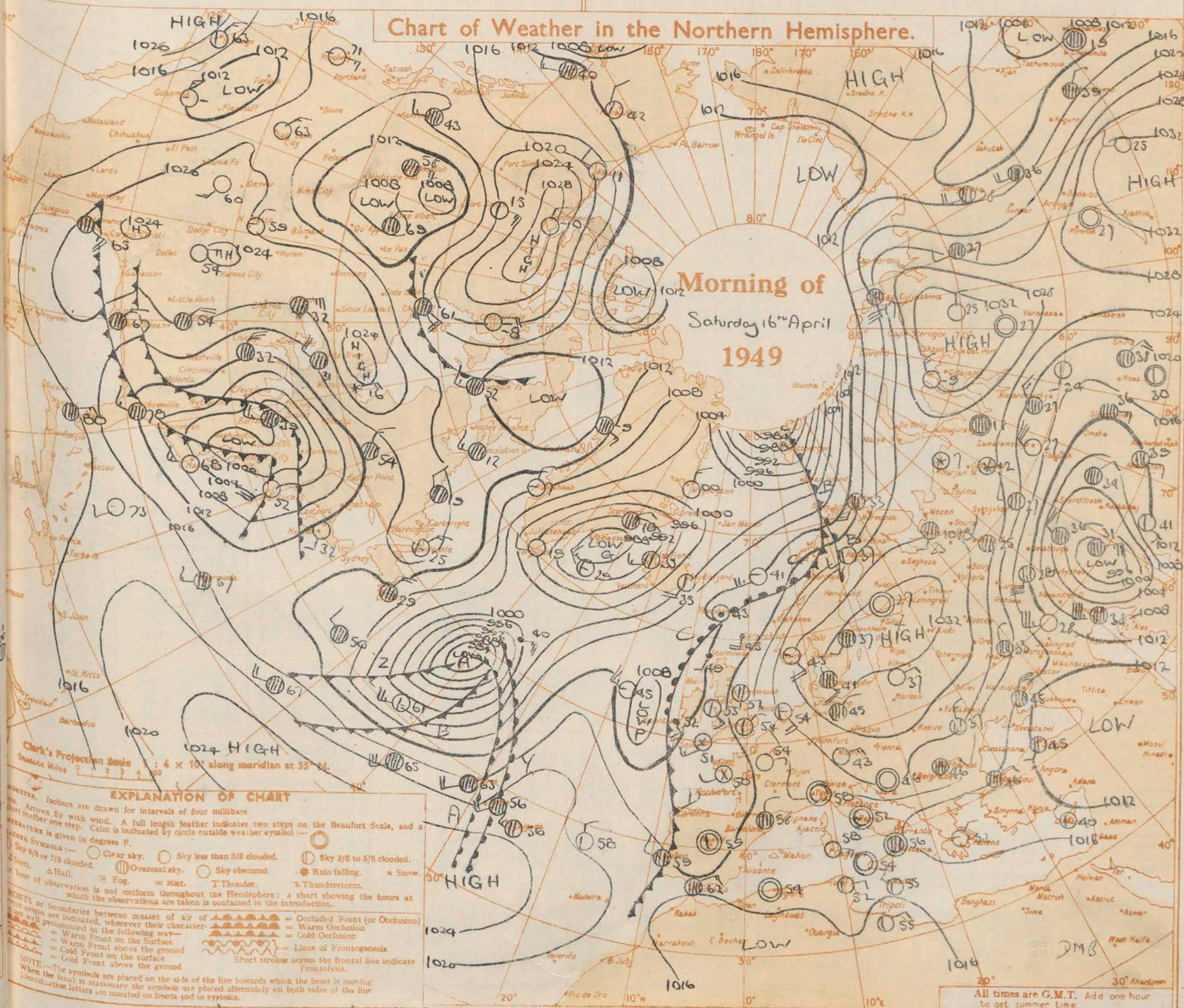
It will be fine and warm in most of the Midlands and Eastern part of England. Elsewhere there will be long fair periods today but with some thundery showers locally. There is a chance that more general thundery rain will spread across western and Northern districts tomorrow.

# FURTHER OUTLOOK

Warm weather may go on in the East and Southeast of England. Cloudy with periods of thundery rain likely in other areas.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 16<sup>th</sup> April  
1949



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 0 100 200

### 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 circles outside weather symbol.  
**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 to 7/8 clouded. ○ Overcast sky. ○ Sky obscured.  
☁ Fog. ☁ Mist. ☁ Thunder. ☁ Thunderstorm.  
☁ Snow. ☁ Rain falling. ☁ Snow.  
**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  
— 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. Add one hour to get summer time.



\* Information not usually received.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Sunday 17th April 1949  
No. 31923

OBSERVATIONS at 12h. G.M.T. 16th April

OBSERVATIONS at 18h. G.M.T... 16th April

OBSERVATIONS during DAY 16th

OBSERVATIONS at 12h. G.M.T. 16th April																OBSERVATIONS at 18h. G.M.T. 16th April																OBSERVATIONS during DAY 16th							
Distance.	STATIONS. (For heights see p. 4)	Wind.				Pressure.		Temp.		Cloud.						Wind.				Pressure.		Temp.		Cloud.						21h State of ground	Weather.	Max. Temp. 09h. 21h.	Sun-shine.	Rain 09h.-21h. in.					
		Direction (degrees).	Speed (kts.).	Visibility (code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Visibility (code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Visibility (code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.						Dry Bulb.	Dew point.	Form.	Main layer.	Lowest layer.
0	Kew	-	0	30	b	16.1	+00.73	52	-	-	-	0	0	0	-	-	200	0572	bc	14.7	+03.76	53	-	-	6	4	-	-	-	0	bybcb	79	11.5	-					
1	London Airport	-	0	32	z	15.9	-04.76	53	-	-	-	0	0	0	-	-	210	0881	bc	14.8	+02.75	55	-	-	4	5	-	-	-	0	bcbcb	82	*	-					
	Lympe	170	0764	b	16.6	-01.68	53	-	-	-	0	0	0	-	-	-	056	b	13.8	+00.67	50	-	-	0	0	0	-	0	bcbcb	73	12.5	-							
	Tangmere	180	0532	z	16.5	+02.68	52	-	-	-	0	0	0	-	-	-	270	0248	bc	16.2	+02.61	50	-	-	8	2	3	1	83	-	-	-	-	-					
	Calshot	-	0	32	z	16.6	+01.63	47	-	-	-	0	0	0	-	-	250	0740	z	16.1	+03.61	54	-	-	2	3	-	-	-	0	by2ob2o c2c2mc	71	12.2	-					
2	Boscombe Down	-	0	56	bc	16.3	-03.69	54	-	3	-	3	3	-	-	-	260	1480	c	16.7	+15.62	56	-	3	2	7	2	-	-	0	bccycbcb	76	11.6	Tr					
	Felixtowe	120	0324	z	17.0	-01.62	54	-	-	-	0	0	0	-	-	-	130	0128	z	16.0	-01.59	53	-	-	0	0	0	-	1	b2obwmo	63	11.5	-						
	Gorleston	160	0920	z	17.7	-03.52	45	-	-	-	0	0	0	-	-	-	120	0916	z	16.7	-04.51	44	-	-	0	0	0	-	0	b2obmo	55	12.0	-						
	West Raynham	150	1380	b	15.6	-07.76	46	-	-	-	0	0	0	-	-	-	160	1180	b	14.7	+01.71	52	-	-	9	1	-	-	0	b2obmo	79	11.8	-						
	Mildenhall	200	0681	b	15.8	-02.80	43	-	-	-	0	0	0	-	-	-	150	0581	b	14.6	-01.74	50	-	-	1	1	-	-	0	b2obmo	82	11.0	-						
3	Cranfield	170	0548	b	15.4	-01.74	51	-	-	-	0	0	0	-	-	-	-	064	bc	14.6	-03.72	53	-	-	6	4	-	-	0	b2obmo	77	11.9	-						
	Honiley	190	0240	b	15.8	+00.71	51	-	4	-	1	1	-	-	-	-	210	0764	c	15.5	+00.68	54	-	3	8	6	5	80	-	0	b2obmo	74	8.6	-					
	Wittering	200	0324	b	15.5	-04.76	52	-	-	-	0	0	0	-	-	-	280	0864	bc	14.7	+01.70	57	-	4	2	3	1	85	-	0	b2obmo	78	11.0	-					
	Watnall	220	0424	z	15.4	+01.72	52	-	-	-	1	1	-	-	-	-	-	048	z	14.9	+05.71	52	-	3	-	4	4	-	-	0	b2obmo	76	8.5	-					
4	Little Rissington	180	0232	z	16.0	-03.69	51	-	8	-	1	1	81	-	-	-	230	1181	c	15.7	+07.64	50	-	3	6	6	3	83	-	1	b2obmo	74	10.5	Tr					
5	Moss-on-Wye	060	0634	z	15.8	-06.70	53	-	5	1	1	-	10	-	-	-	250	0564	c	17.3	+19.63	51	-	7	3	7	-	50	-	1	b2obmo	73	8.4	Tr					
	Shawbury	130	0580	bc	15.2	-15.65	52	-	8	4	5	3	-	-	-	-	270	1080	cb	16.8	+16.56	52	-	8	-	7	7	80	3	50	2	68	5.3	5					
	Bristol	250	0281	b	16.2	-04.63	55	-	8	1	2	1	83	-	-	-	270	1080	cb	17.6	+15.53	52	-	8	-	7	7	80	3	50	2	68	5.3	5					
	Exeter	230	0282	bc	16.7	-02.67	55	-	8	1	5	5	81	-	25	-	310	1280	cb	18.5	+11.56	52	-	9	-	7	2	10	-	1	68	4.6	Tr						
	Portland Bill	090	0248	z	17.4	-04.60	54	-	4	8	5	2	80	-	-	-	310	0948	z	17.3	+00.53	51	-	4	8	7	4	80	3	30	0	62	*	Tr					
	Plymouth	250	0564	c/r	16.9	+05.55	53	-	7	-	7	7	80	-	-	-	210	1248	z	19.0	+07.56	51	-	5	9	-	7	3	13	-	0	68	1.8	Tr					
	Chivenor	-	0	32	cb	17.5	+03.53	50	-	1	-	8	8	83	-	01	-	270	0302	o	19.2	+10.52	52	-	6	-	8	8	10	5	0	56	0.4	2					
	St. Eval	240	0732	cb	18.0	+08.55	54	-	-	-	8	8	06	-	-	-	260	0664	c	20.1	+08.51	51	-	6	7	-	7	7	-	5	09	1	55	3.3	0.6				
	Lizard	240	0101	f+	17.9	+06.53	53	-	-	-	9	9	-	-	-	-	280	0363	c	19.4	+02.54	52	-	5	-	-	7	7	20	-	0	56	3.8	-					
	Scilly, St. Mary's	260	0881	c	18.0	+12.54	52	-	9	-	7	7	70	-	10	-	260	0882	bc	19.6	+09.55	49	-	5	-	-	7	7	24	-	0	57	4.3	-					
6	Guernsey	360	0432	z	17.6	-04.59	51	-	-	4	6	-	-	-	-	-	330	1512	z	18.2	+02.51	51	-	6	8	2	7	3	69	-	0	64	6.5	-					
7	Aberporth	200	0481	cb	16.8	+13.55	51	-	5	-	8	8	13	-	-	-	200	0581	c	17.8	+03.53	49	-	5	9	2	6	5	-	2	18	0	55	0.2	0.5				
8	Pembroke	230	1444	cb	17.2	+10.49	49	-	-	-	9	9	-	-	-	-	250	0756	c	18.4	+07.49	49	-	6	-	-	7	7	06	-	1	58	0.5	0.1					
	Holyhead (Valley)	210	1240	cb	16.2	+12.51	50	-	7	-	8	8	80	-	40	-	200	1381	c	17.0	+05.50	49	-	5	7	-	7	6	50	-	05	1	55	1.6	0.6				
	Manchester	190	0238	z	15.0	-03.66	51	-	3	-	6	6	85	-	-	-	320	0632	cb	16.8	+12.55	52	-	5	7	-	8	4	50	-	1	69	7.3	2					
9	Squires Gate...	300	1081	c	16.0	+00.55	51	-	8	-	7	3	50	-	30	-	270	0424	cb	17.1	+04.52	51	-	5	2	-	8	5	12	-	-	1	58	2.7	2				
	Silloth	180	1264	cb	15.1	+16.52	48	-	5	-	7	3	18	-	-	-	180	1082	o	15.7	+01.51	49	-	6	-	-	8	8	25	-	-	1	59	0.4	0.5				
10	Finningley	160	0720	bc	14.9	-05.75	55	-	5	1	4	4	-	-	-	-	340	0848	z	14.2	-06.55	55	-	7	-	-	7	-	-	-	0	78	2.4	-					
	Spurn Head	160	0508	b	15.6	+06.59	51	-	-	-	0	0	0	-	-	-	160	0324	bc	14.4	-02.53	46	-	5	-	-	5	5	15	-	-	0	60	10.7	-				
	Leeming	190	0608	z	14.1	-06.71	52	-	3	-	3	2	85	-	-	-	290	1180	cb	15.3	+16.61	50	-	5	7	-	8	7	45	-	-	1	75	8.8	2				
11	Tynemouth	180	0610	c	14.2	-01.54	47	-	6	3	6	4	18	-	-	-	270	0932	c/pr	14.8	+10.58	50	-	5	8	-	7	2	80	5	25	1	66	*	1				
12	St. Abb's Head	230	2416	c	12.0	-03.62	-	-	5	-	6	6	32	-	-	-	230	1356	o	14.0	+18.53	51	-	5	-	-	8	8	30	-	-	1	63	*	1				
	Loughs	220	1532	c	12.2	+01.64	49	-	5	7	7	5	50	-	-	-	230	1056	o	13.5	+02.58	48	-	5	7	-	7	5	-	3	35	0	64	2.3	-				
	Esdailemuir...	170	0332	cb	14.8	+07.50	47	-	-	-	8	8	03	-	-	-	280	1036	o	15.3	+01.50	48	-	6	-	-	8	8	03	-	-	1	58	1.9	0.2				
	Prestwick	250	0882	o	14.0	-35.55	49	-	5	-	8	8	35	-	22	-	190	1182	c	14.5	-01.56	50	-	5	2	7	7	24	5	1	25	1	58	0.3	-				
13A	West Freugh...	230	0980	o	14.7	+14.54	50	-	5	7	8	4	-	-	06	-	200	0372	c	14.8	+00.50	48	-	5	7	-	7	6	50	1	15	0	54	*	-				
13B	Ronaldsway	250	1207	o/p	15.4	+03.50	49	-	6	-	8	8	-	-	-	-	200	0780	o	16.1	-01.50	47	-	6	7	-	8	7	60	3	06	0	52	0.4	Tr				
	Tirree	170	1364	c	11.2	+13.54	50	-	7	4	7	2	80	-	3	10	180	0882	c	12.9	+06.52	48	-	5	7	8	7	5	35	-	-	1	57	0.2	-				
	Benbecula	200	1281	c	09.2	+11.53	51	-	8	3	7	7	25	-	10	-	200	2282	c	11.0	+05.51	48	-	8	4	1	6	6	19	2	17	1	54	4.4	Tr				
	Sternoway	180	1164	c	08.8	+09.52	52	-	2	5	2	7	6	12	-	-	180	1082	bc	11.5	+06.53	46	-	2	-	2	4	4	18	-	-	2	56	3.2	0.3				
14	Cape Wrath	200	1981	c	08.7	+11.52	48	-	6	-	7	8	20	-	-	-	230	1983	c	10.5	+14.49	45	-	5	7	-	7	4	25	-	-	0	58	*	-				
15	Sale Skerry	230	0581	o	08.4	+06.50	43	-	5	-	8	8	15	-	-	-	230	1381	o	11.1	+14.50	48	-	5	7	-	8	8	20	-	-	1	51	*	-				
	Loch Rannoch	180	2224	z	10.4	-13.65	49	-	3	8	6	2	83	-	-	-	220	1572	o	12.3	+16.59	49	-	7	-	8	-	50	-	-	0	66	3.5	-					
	Dyce	270	1048	z	09.4	+05.62	53	-	5	7	7	7	81	-	35	-	26																						

Amount: 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.

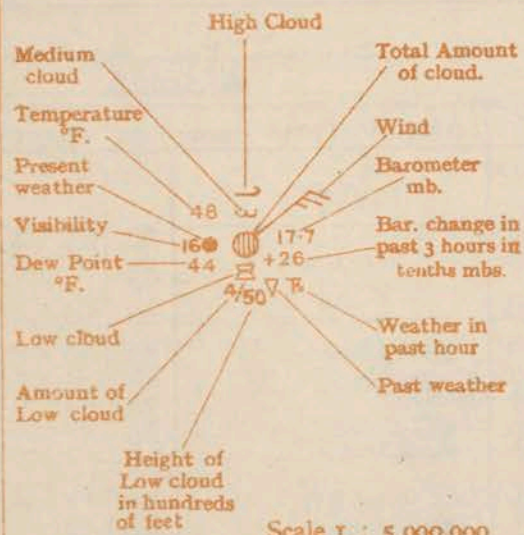
++ Cloud heights are in hundreds of feet

\* Information not usually received.

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



## STATION MODEL



6h Sunday 17th April

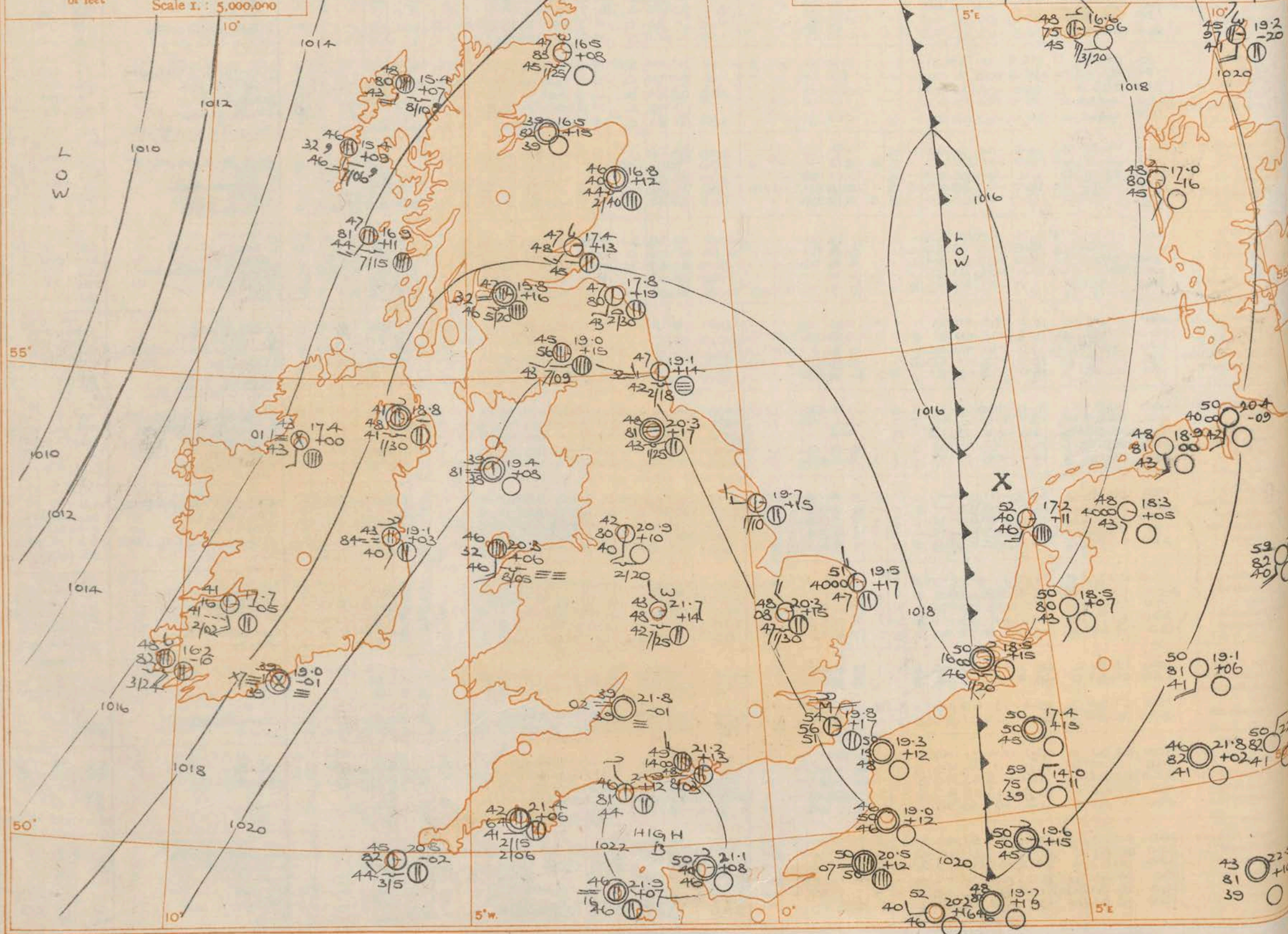
1949

## 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 to sunset		Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	Yesterday	Today	To-day
				Max.	Min.	° F.	mm.	mm.				
Kew ...	bybryb	bbmbc	79	53	39	-	Tr	11.5	*	38	65	
Croydon ...	bscybcyb	mbbcb	82	43	44	-	-	12.2	31	66		
Greenwich ...	b2oy	by	84	54	45	-	-	38	69			
Westminster	.	.	83	55	47	-	-	31	57			
Regents Park	.	.	82	52	45	-	-	.	.	64		
Camden Square	b	b	85	54	45	-	-	.	.	36	55	
Kensington ...	b	b	84	54	45	-	-	.	.	59		
Hampstead ...	b	bc	81	51	40	-	-	.	.			

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 17th Max. 0.5 6-10hrs. 16th 4.0 10-6hrs. 17th.





# GENERAL INFERENCE

An anticyclone over Southern England is moving East and will maintain fair or fine weather in most parts of the country today. It will be cooler than yesterday and there is a chance of ground frost locally in England tonight. A trough of low pressure moving in from the Atlantic is expected to give a belt of rain crossing Scotland and North Ireland tonight followed by thundery conditions in West and North Scotland tomorrow. Southerly winds will freshen in the North and may reach gale force in parts of West and North Scotland tonight.

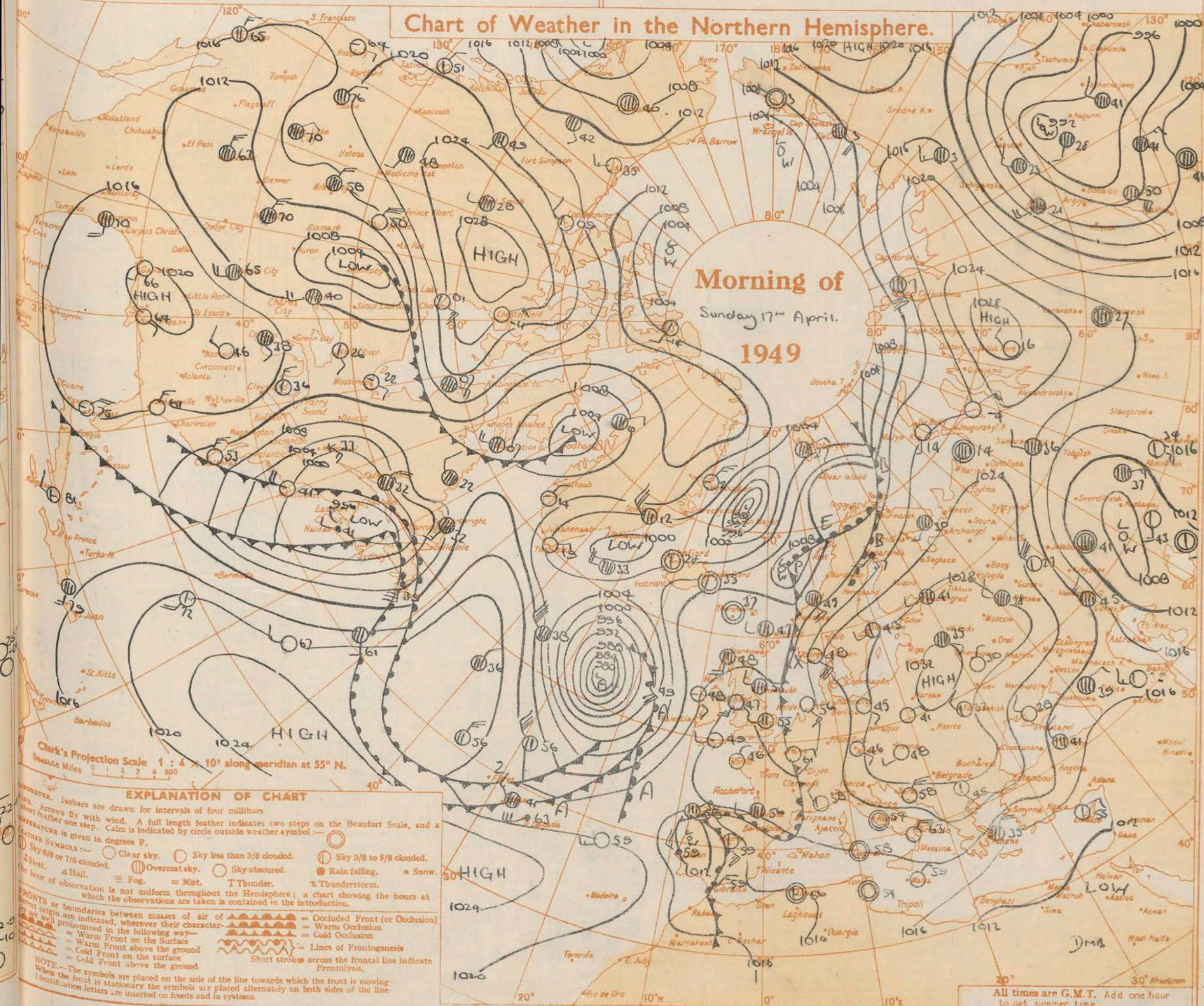
# FURTHER OUTLOOK

Fair in most parts of England: Showery and colder in Scotland.

South cones are flying on coasts in North Ireland from Howth to L. Foyle, and on coast of Scotland north of a line from Solway Firth to Dornoch Firth and in Orkneys and Shetlands.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 17<sup>th</sup> April.  
1949



## EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
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 obscured. — Overcast sky. — 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. Add one hour to get summer time.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Sunday 17<sup>th</sup> April 1949  
No. 31923OBSERVATIONS at 06hr. G.M.T. 17<sup>th</sup> AprilOBSERVATIONS at 06hr. G.M.T. 17<sup>th</sup> April

OBSERVATIONS Saturday NIGHT

District.	STATIONS.	Height above M.S.L.	Wind.		Pressure.	Temp.		Cloud.						Wind.		Pressure.		Temp.		Cloud.						9 h	Weather.	Temperature		Rain.										
			Direction (degrees).	Speed (kts.).		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.				Direction (degrees).	Speed (kts.).	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.				State of ground.	21 h.-06 h.			Min. °F.	Max. on Grass °F.											
										Low.	Medium.	High.	Total amount.							Low.	Medium.	High.	Total amount.																	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)
0	Kew	18	290	04	59	59	59	59	59	59	59	59	59	59	59	340	03	30	b	20.8	+13	53	45	5	1	2	1	41	-	-	0	bbsm.bcm.wbz.	53	59	TR					
1	London Airport	82	290	04	59	59	59	59	59	59	59	59	59	59	59	340	03	30	b	20.8	+13	53	45	5	1	2	1	41	-	-	0	bbsm.bcm.wbz.	53	59	TR					
	Lymington	341	360	10	56	56	56	56	56	56	56	56	56	56	56	020	12	80	c	21.0	+12	50	48	5	1	2	7	6	15	-	-	0	mobbcbwcb	49	44	-				
	Tangmere	53	270	01	32	32	32	32	32	32	32	32	32	32	32	360	01	82	bc	19.8	+17	54	51	8	2	3	-	-	-	-	-	0	bbsm.bcbz.	54	47	-				
	Calshot	8	320	10	56	56	56	56	56	56	56	56	56	56	56	330	10	14	z	21.2	+13	49	48	6	-	-	8	8	03	-	-	0	b2.bcm.b	48	42	-				
2	Boseombe Down	414	280	05	80	80	80	80	80	80	80	80	80	80	80	330	03	02	ft	21.3	+11	47	47	-	-	-	9	9	0	-	-	0	bcpw.cfc	42	42	0.5				
	Felixstowe	10	320	09	32	32	32	32	32	32	32	32	32	32	32	310	0	24	z	19.7	+16	52	49	-	-	-	3	3	1	81	-	-	0	bm.wcm.bz.	50	44	-			
	Gorleston	5	320	09	32	32	32	32	32	32	32	32	32	32	32	310	10	40	z	19.5	+17	51	47	-	-	-	3	3	1	81	-	-	0	bm.bbxz.	50	44	-			
	West Raynham	250	350	14	48	48	48	48	48	48	48	48	48	48	48	310	07	32	b	20.4	+17	51	49	-	-	-	1	-	-	-	-	0	b2.pn.cmbz.	49	40	TR				
	Mildenhall	15	270	04	64	64	64	64	64	64	64	64	64	64	64	300	01	12	b	20.4	+16	49	48	-	-	-	1	-	-	-	-	0	bbsm.cm.bcm.	47	37	-				
3	Cranfield	340	290	01	48	48	48	48	48	48	48	48	48	48	48	270	01	40	b	20.4	+12	48	46	-	-	-	1	-	-	-	-	0	b2.m.cir.bm.b	47	41	0.3				
	Honiley	427		0	64	64	64	64	64	64	64	64	64	64	64	340	03	48	b	21.7	+14	43	42	-	-	-	1	-	-	-	-	0	corr.bcm.b	41	33	0.6				
	Wittering	236	340	09	56	56	56	56	56	56	56	56	56	56	56	310	09	48	b	20.9	+17	47	45	-	-	-	1	-	-	-	-	0	bbsm.cir.b	46	40	0.1				
	Watnall	346	270	09	48	48	48	48	48	48	48	48	48	48	48	230	05	40	b	21.0	+17	44	42	-	-	-	1	-	-	-	-	0	cir.m.bm.	43	35	TR				
4	Little Rissington	740	270	04	52	52	52	52	52	52	52	52	52	52	52	360	04	81	b	21.3	+14	45	42	-	-	-	1	-	-	-	-	0	cir.cb	44	35	TR				
5	Ross-on-Wye	223														090	03	81	b	21.6	+10	41	40	6	-	-	2	2	20	-	-	1	cbbc	41	*	-				
	Shawbury	235	270	11	81	81	81	81	81	81	81	81	81	81	81	200	02	82	b	21.1	+09	42	40	-	-	-	1	-	-	-	-	1	cbx	38	30	-				
	Bristol	209	250	03	40	40	40	40	40	40	40	40	40	40	40		0	02	bf	21.8	-01	39	39	-	-	-	0	0	-	-	-	1	bcm.bfw	37	30	0.1				
	Exeter	100	310	10	80	80	80	80	80	80	80	80	80	80	80	010	02	80	o	22.1	+03	46	42	-	-	-	8	8	12	-	-	1	cwcb	41	25	TR				
	Portland Bill	32	330	09	01	01	01	01	01	01	01	01	01	01	01	340	02	81	b	21.9	+12	46	44	-	-	-	2	-	-	-	-	0	bcbb	46	*	-				
	Plymouth	90	310	02	64	64	64	64	64	64	64	64	64	64	64		0	64	bc	21.4	+06	42	41	6	-	-	4	2	15	-	-	0	bcbcc	42	34	TR				
	Chiveor	20		0	12	12	12	12	12	12	12	12	12	12	12		0	81	c	21.2	+02	47	44	5	-	-	7	7	15	-	-	1	bm.w	40	40	-				
	St. Eval	386	270	07	81	81	81	81	81	81	81	81	81	81	81		0	81	o	21.8	+09	47	46	5	-	-	8	8	12	-	-	0	bbsm	41	34	TR				
	Lizard	240	290	03	64	64	64	64	64	64	64	64	64	64	64		0	80	o	21.3	+02	45	45	6	-	-	3	3	15	-	-	0	bbsm	43	*	-				
	Scilly, St. Mary's	183	270	07	83	83	83	83	83	83	83	83	83	83	83	230	03	82	bc	20.8	-02	45	44	5	-	-	3	3	20	-	-	1	bbsm	44	*	TR				
	Guernsey	340	350	08	80	80	80	80	80	80	80	80	80	80	80		0	16	bc	21.9	+07	46	46	-	-	-	4	-	-	-	-	0	bbsm	44	40	-				
	Aberporth	375	220	03	81	81	81	81	81	81	81	81	81	81	81	160	07	81	b	20.9	+07	41	41	5	-	-	1	-	-	-	-	0	bbsm	40	30	TR				
6	Pembroke	142	280	08	81	81	81	81	81	81	81	81	81	81	81	230	04	81	o	20.7	+08	48	46	5	-	-	8	8	15	-	-	1	bbsm	46	*	-				
7	Holyhead (Valley)	32	200	15	64	64	64	64	64	64	64	64	64	64	64	180	10	32	o/f	20.3	+06	46	46	6	-	-	8	8	05	-	-	1	bbsm	46	42	-				



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Monday 18<sup>th</sup> April.

1949

No. 31924

OBSERVATIONS at 12h. G.M.T. 17<sup>th</sup> AprilOBSERVATIONS at 18h. G.M.T. 17<sup>th</sup> AprilOBSERVATIONS during DAY (17<sup>th</sup>)

District.	STATIONS. (For heights see p. 4)	Wind.				Pressure.		Temp.		Cloud.						21 h.	Weather.	Max. Temp. 24 h. F. (35)	Sun- shine. (36)	Rain- fall. 24 h. in. (37)																			
		Direction (degrees).	Speed (kts.).	Visibility (code figures).	Present Weather.	Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb. °F. (7)	Dew point. °F. (8)	Form.			Total amount. 0-8 (12)	Main layer. 0-8 (13)	Highest layer. 0-8 (14)						Lowest layer. 0-8 (15)	Ht. + (16)																	
										Low.	Medium.	High.																											
																							Direction (degrees).	Speed (kts.).	Visibility (code figures).	Present Weather.	Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb. °F. (23)	Dew point. °F. (24)	Low.	Medium.	High.	Total amount. 0-8 (28)	Main layer. 0-8 (29)	Highest layer. 0-8 (30)	Lowest layer. 0-8 (31)	Ht. + (32)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)						
0	Kew	180	06	30	b	21.3	-0.3	68	53	-	-	-	-	-	-	70	11	30	b	19.8	-0.5	69	52	5	-	-	1	1	31	-	-	0	bcb20y cbc	73	10.7	-			
1	London Airport	170	06	48	b	21.4	+0.3	70	50	-	-	-	-	-	-	190	06	64	b	19.5	-1.0	72	55	1	-	-	1	1	30	-	-	0	bcb20	75	10.7	-			
	Lymington	070	09	80	b	21.3	+0.2	66	52	-	-	-	-	-	-	090	09	80	b	21.0	-0.5	60	51	-	-	-	0	0	0	-	-	0	b20bbyb	68	12.0	-			
	Tangmere	180	11	32	b	21.4	-0.1	66	53	-	-	-	-	-	-	160	09	48	z	20.5	-0.6	58	51	-	-	-	0	0	0	-	-	0	b20bmo	66	12.5	-			
	Calshot	130	06	64	b	21.7	+0.1	60	51	-	-	-	-	-	-	150	08	48	z	20.7	-0.5	55	51	-	-	-	0	0	0	-	-	0	bmo b20mo	61	10.7	-			
2	Boscombe Down	160	07	80	b	21.2	-0.8	67	46	-	-	-	-	-	-	130	09	56	b	20.3	-0.2	64	58	-	-	-	0	0	0	-	-	0	chby b2b	71	10.0	-			
	Felixstowe	100	08	52	b	22.0	+0.9	58	51	-	-	-	-	-	-	100	04	48	z	21.7	-0.3	54	46	-	-	-	0	0	0	-	-	0	b20b b20bmo	63	12.1	-			
	Corleston	360	08	36	b	21.9	+0.9	58	48	-	-	-	-	-	-	070	09	48	z	21.9	+0.1	50	47	-	-	-	4	9	2	1	-	-	0	b20z	60	12.0	-		
	West Raynham	090	02	48	b	21.6	+0.5	64	50	-	-	-	-	-	-	110	15	81	b	20.9	+0.3	60	49	-	-	-	9	2	-	-	-	-	0	bino b20mo	68	11.2	-		
	Mildenhall	-	0	48	b	21.7	+0.0	69	51	-	-	-	-	-	-	150	08	64	b	20.4	-0.5	68	56	-	-	-	8	1	-	-	-	-	0	bcmobyb	74	9.4	-		
3	Cranfield	-	0	48	b	22.2	+0.6	65	48	-	-	-	-	-	-	-	0	80	b	20.0	-1.0	70	50	-	-	-	0	0	0	-	-	0	b20ybybyb	71	12.8	-			
	Honiley	170	09	56	b	21.8	-0.2	62	44	-	-	-	-	-	-	170	02	82	b	20.0	-0.8	65	47	-	-	-	1	1	-	-	-	-	0	bby	69	12.4	-		
	Wittering	-	0	56	b	21.6	-0.5	65	50	-	-	-	-	-	-	230	05	80	b	19.9	-0.9	68	48	-	-	-	1	1	-	-	-	-	0	bby bcyb	70	12.3	-		
	Watnall	180	03	64	z	21.6	-0.2	63	45	-	-	-	-	-	-	200	02	82	b	19.8	-1.3	65	38	-	-	-	1	2	-	-	-	-	0	b20y b20yby	68	13.0	-		
4	Little Rissington	180	11	82	b	22.0	-0.2	62	38	-	-	-	-	-	-	200	09	82	b	19.7	-0.7	66	46	-	-	-	0	0	0	-	-	-	0	byb	68	12.7	-		
5	Ross-on-Wye	230	05	81	b	21.8	-0.4	61	44	-	-	-	-	-	-	270	02	82	b	19.5	-1.2	66	46	-	-	-	0	0	0	-	-	0	bcb	68	12.6	-			
	Shawbury	160	05	81	b	21.4	-0.3	60	44	-	-	-	-	-	-	170	05	81	b	19.3	-1.0	65	40	-	-	-	1	1	-	-	-	-	0	by	66	13.0	-		
	Bristol	130	03	80	b	22.0	-0.6	59	49	-	-	-	-	-	-	160	03	48	b	19.5	-0.8	67	49	-	-	-	0	0	0	-	-	-	0	cmobyb	69	8.5	-		
	Exeter	180	05	82	b	21.9	-0.6	61	39	-	-	-	-	-	-	130	05	82	b	19.7	-0.7	60	42	-	-	-	1	1	-	-	-	-	0	bcb b20bc2	65	10.3	-		
	Portland Bill	350	09	81	b	22.6	+0.2	55	50	-	-	-	-	-	-	110	05	48	z	20.8	-0.8	54	50	-	-	-	1	2	-	-	-	-	0	bcb b20bc2	59	-	-		
6	Plymouth	250	10	81	b	21.5	-0.6	51	46	-	-	-	-	-	-	250	10	82	b	19.6	-1.4	54	46	-	-	-	1	1	-	-	-	-	0	bcb	54	10.3	-		
	Chivonor	-	0	84	b	21.6	-0.6	58	49	-	-	-	-	-	-	-	0	81	b	19.4	-0.9	54	50	-	-	-	1	1	-	-	-	-	0	bcb b20	64	9.3	-		
	St. Eval	140	04	82	b	21.5	-0.9	57	43	-	-	-	-	-	-	150	08	82	b	19.2	-1.2	58	41	-	-	-	1	1	-	-	-	-	0	bcb b20	62	9.7	-		
	Lizard	-	0	80	bc	21.4	-0.6	52	48	-	-	-	-	-	-	080	02	64	bc	19.2	-0.9	52	48	-	-	-	3	3	-	-	-	-	0	clac	54	9.4	-		
	Scilly, St. Mary's	130	12	82	bc	20.9	-0.7	50	47	-	-	-	-	-	-	130	10	82	bc	19.1	-0.8	52	48	-	-	-	6	8	3	3	1	80	1	06	0	bcb b20	56	12.1	-
7	Guernsey	050	03	80	b	21.6	-0.2	58	46	-	-	-	-	-	-	050	02	80	b	19.4	-1.1	59	51	-	-	-	0	0	0	-	-	0	bcb	61	12.6	-			
8	Aberporth	180	09	82	b	21.5	+0.0	54	46	-	-	-	-	-	-	040	02	82	b	18.2	-1.7	51	47	-	-	-	0	0	0	-	-	0	bcb b20	59	12.5	-			
9	Pembroke	200	09	81	o	21.9	+0.6	49	45	-	-	-	-	-	-	-	0	15	bc	20.6	-0.4	49	45	-	-	-	7	3	2	83	-	-	0	bcb	58	6.0	-		
10	Holyhead (Valley)	230	15	82	b	21.4	+0.4	52	46	-	-	-	-	-	-	210	11	84	b	19.5	-1.1	49	45	-	-	-	2	1	-	-	-	-	0	bcb	53	11.4	-		
	Manchester	180	09	81	b	21.4	-0.4	62	48	-	-	-	-	-	-	190	08	85	b	19.6	-0.9	64	38	-	-	-	1	1	-	-	-	-	1	byb20	66	12.5	-		
11	Squires Gate...	150	02	80	bc	21.6	+0.0	61	51	-	-	-	-	-	-	300	08	40	bc	19.9	-0.8	52	49	-	-	-	8	3	3	86	-	-	1	bcmobyb	64	12.1	-		
	Silloth	210	18	05	cf	21.6	+0.2	49	47	-	-	-	-	-	-	260	07	64	bc	19.1	-1.2	48	47	-	-	-	5	3	6	5	2	10	1	bcb b20	54	-	-		
12	Finningley	200	03	48	b	21.6	+0.0	63	44	-	-	-	-	-	-	200	11	81	b	19.6	-0.7	66	51	-	-	-	1	1	-	-	-	-	0	bcb b20	68	13.3	-		
	Spurn Head	-	0	48	b	21.7	+1.7	56	50	-	-	-	-	-	-	120	10	80	z	21.1	-0.5	52	47	-	-	-	5	7	-	3	2	50	-	-	0	bcb b20	60	12.7	-
	Leeming	160	08	82	b	20.4	-0.2	63	47	-	-	-	-	-	-	160	04	82	bc	19.0	-0.4	63	48	-	-	-	1	3	-	-	-	-	0	by20bc20	68	11.9	-		
13	Tynemouth	130	06	56	bc	20.4	+0.5	57	47	-	-	-	-	-	-	130	14	56	bc	19.3	-0.8	52	45	-	-	-	3	3	24	-	-	1	bcb	62	-	-			
	St. Abb's Head	-	0	80	b	18.6	+0.8	53	47	-	-	-	-	-	-	180	13	24	bc	18.0	-0.8	52	48	-	-	-	3	3	50	-	-	0	bcb	55	-	-			
14	Loughs	200	05	83	bc	18.6	-0.2	63	45	-	-	-	-	-	-	100	06	82	c	17.3	-0.4	54	49	-	-	-	3	5	6	3	-	-	0	bcb b20	67	11.9	-		
	Esksdalemuir...	200	10	81	c	19.5	+0.3	55	43	-	-	-	-	-	-	190	08	81	c	18.3	-0.9	56	43	-	-	-	6	7	1	35	-	-	0	bcb b20	60	9.0	-		
	Prestwick	270	11	83	bc	19.3	-0.2	58	47	-	-	-	-	-	-	180	08	81	c	17.2	-1.5	59	44	-	-	-	4	6	-	-	-	-	1	bcb b20	62	12.3	-		
15	West Freugh...	200	10	24	o	20.3	+0.8	47	46	-	-	-	-	-	-																								

Rainfall 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 is used when sky is obscured or amount cannot be estimated owing to darkness.

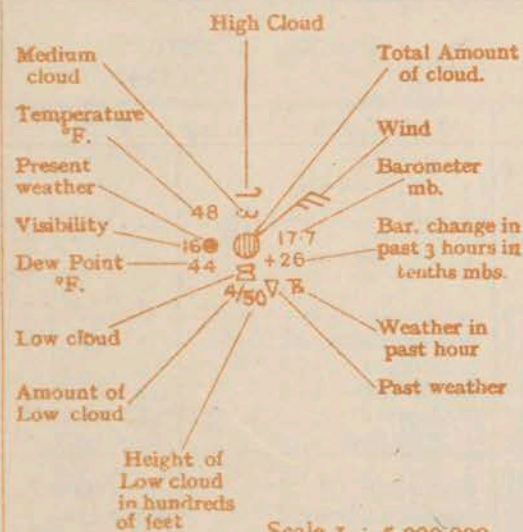
\* Cloud heights are in  
hundreds of feet

\* 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 Monday 18<sup>th</sup> April.

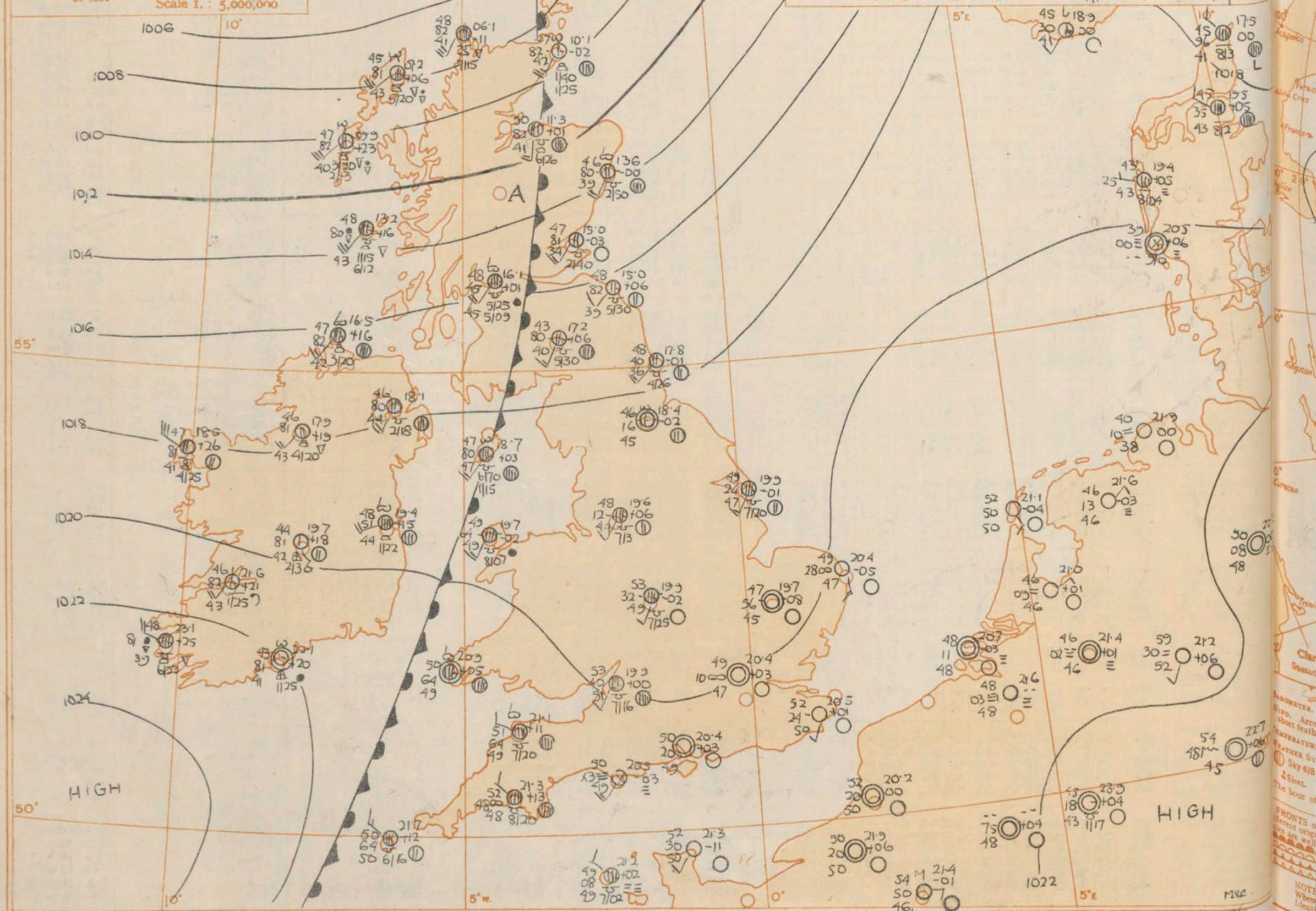
1949

## 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 %	09h %
Kew ...	bcbzycbcb	bmbmaw73		49	39		-	-	10.7		
London Airport	bzbcbz	bzbmbm		75	48	42	-	-	*	52	62
Greenwich ...	b	b	b	75	47	38	-	-	11.5	50	67
Westminster	.	.	.	76	51	43	-	-	.	71	57
Regents Park	.	.	.	74	49	43	-	-	.	56	51
Camden Square	b	bc-b	.	75	50	42	-	-	.	70	
Kensington ...	bhc	bhc	.	75	50	42	-	-	.	57	69
Hampstead ...	b	bc	b	73	49	42	-	-	.		73

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. 18<sup>th</sup> Max. 0.1 Time 17. Min. 0.1 Time rest of period.



# GENERAL INFERENCE

An anticyclone to the Southwest of the British Isles is extending east-northeastwards. A weak trough of low pressure is moving southeast across England. It will be fine and warm in East and Southeast England at first but much cooler weather elsewhere will extend to these areas also by tonight. The trough is giving local rain or showers and there is a chance of local thunder in East and Southeast England later this afternoon. There will be some showers in Western Scotland followed by more generally cloudy conditions with occasional rain tonight and tomorrow. Southwest or west winds may reach gale force at times in the West and North of Scotland.

# FURTHER OUTLOOK

Fair in Midlands and South; more unsettled further north.

## Gale warning.

South coasts are flying on coasts north of a line Haulth - Solway Firth - Firth of Forth and in Orkneys and Shetlands.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 18<sup>th</sup> April  
1949

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

## EXPLANATION OF CHART

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS:** — Clear sky. — Sky less than 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Sky 6/8 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 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. Add one hour to get summer time.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 18<sup>th</sup> April 1949  
No. 3192a

[illegible]

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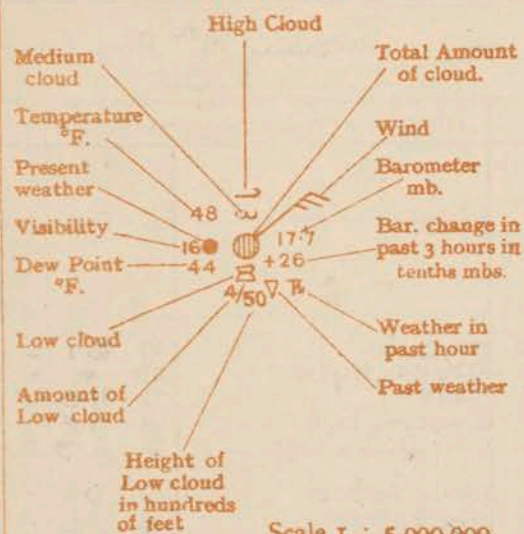
\* Information not usually received.



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



## STATION MODEL



6h

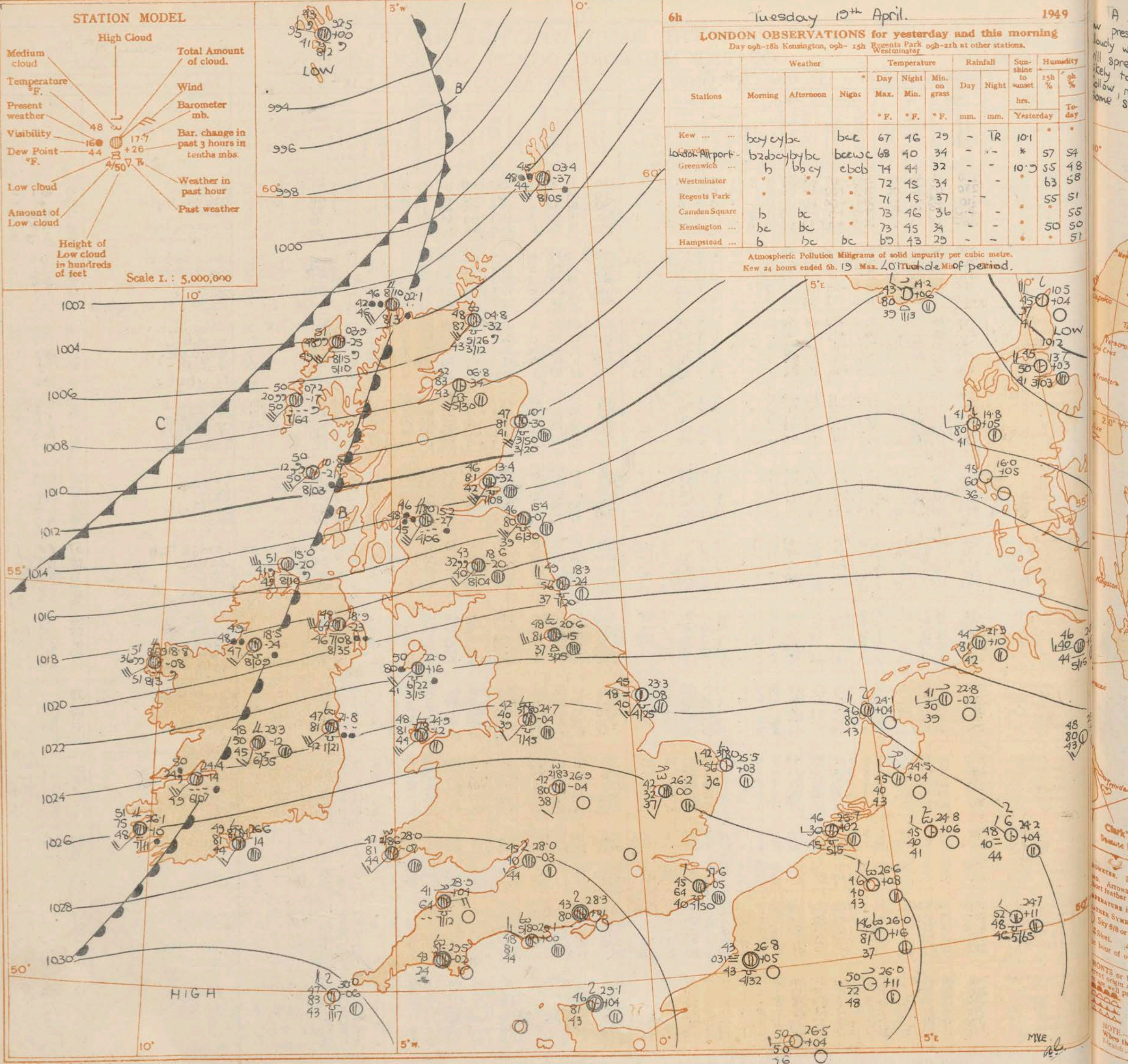
Tuesday 19<sup>th</sup> April.

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.	Min. on grass	Day	Night		Yesterday	To-day
Kew ...				67	46	29	-	TR	10.1	57	54
London Airport	bxy cly bc	bxy cly bc	bxy cly bc	68	40	34	-	-	10.5	55	48
Greenwich	b	bxy cly	bxy cly	74	44	32	-	-	10.5	63	58
Westminster				72	45	34	-	-		55	51
Regents Park				71	45	37	-	-			55
Canaden Square	b	bc		73	46	36	-	-		50	50
Kensington	bc	bc		73	45	34	-	-			51
Hampstead	b	bc	bc	69	43	29	-	-			

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 19 Max. 201 Total of period.



# GENERAL INFERENCE

A ridge of high pressure over our southern districts is declining ahead of a trough of low pressure which is moving southeast across our northern and western districts. Cloudy weather with occasional rain or drizzle in the north and west of the country will spread Southeast to most places, although any rain in the south and Midlands is likely to be only local and slight. Somewhat colder weather with bright periods will follow, reaching the south of England by about dawn tomorrow, but there will be some showers in the north.

# FURTHER OUTLOOK

Fair in most places

Gale Warning:-

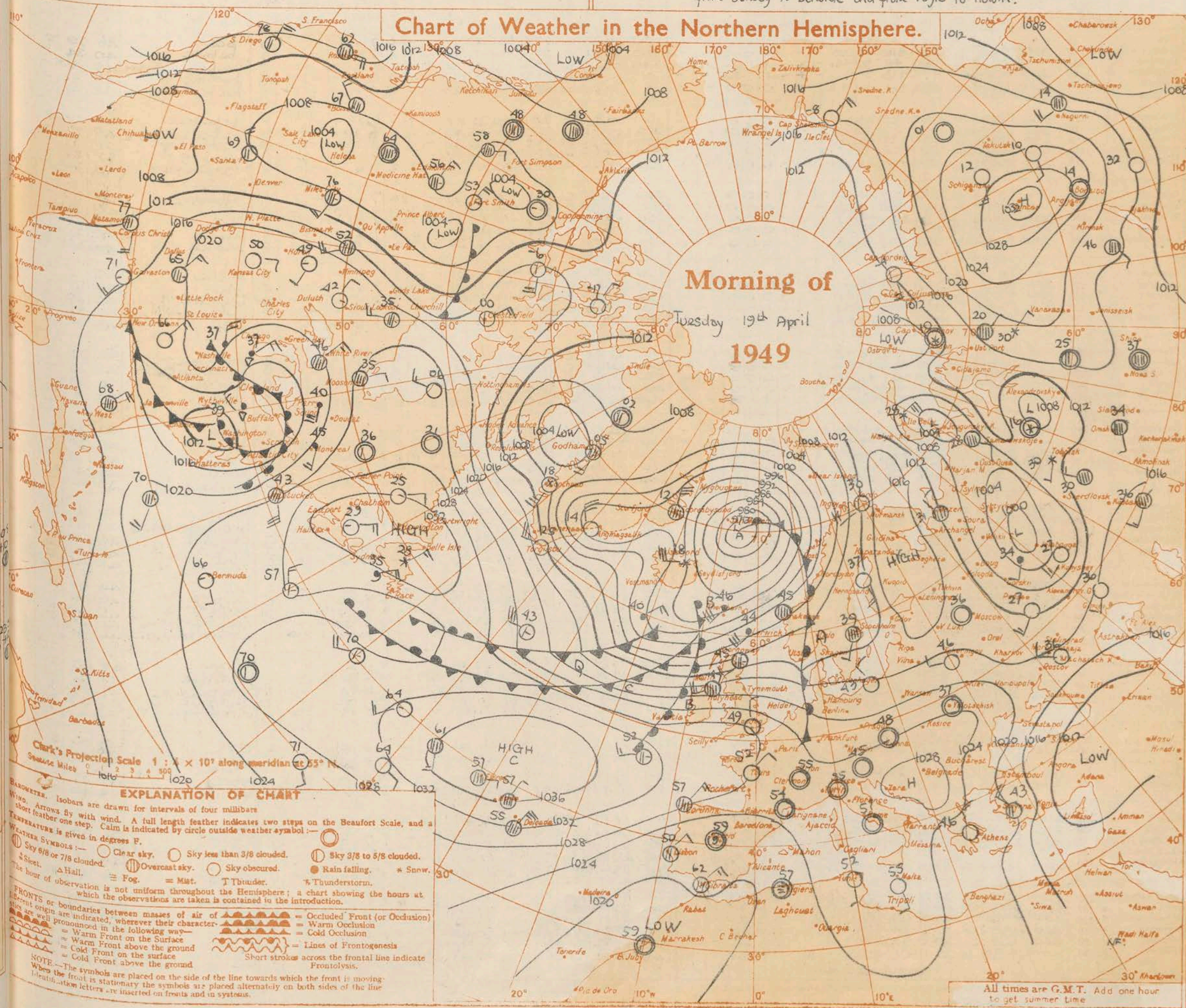
South cones are flying in the Orkneys and Shetlands, on all Scottish coasts from Solway to Berwick and from Foyle to Howth.

# Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 19th April

1949





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Tuesday 19th April 1949  
No 31925

OBSERVATIONS at 00hr. G.M.T. 19th April																	OBSERVATIONS at 06hr. G.M.T. 19th April																	OBSERVATIONS Monday NIGHT							
District.	STATIONS.	Height above M.S.L.	Wind.		Pressure.	Temp.		Cloud.						Wind.		Pressure.	Temp.		Cloud.						9 h	Weather.	Temperature														
			Direction (degrees).	Speed (kts.).		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Total amount.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Total amount.	Main layer.	Lowest layer.			State of ground.	21 h.-00 h.	Min. °F.	Min. on Grass °F.	Rain.										
																																(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	Kew ...	18	350	0481	b	27.5	+16	49	39	-	-	-	-	-	-	190	0430	C	27.3	+02	48	39	-	-	-	-	-	-	0	bcc	46	29	1								
1	London Airport ...	82	350	0481	b	27.5	+16	49	39	-	-	-	-	-	-	210	0107	C	27.7	+01	41	39	-	-	-	-	-	0	bcbwc	40	34	-									
	Lymington ...	341	360	0646	b	26.6	+11	50	46	-	-	-	-	-	-	340	0664	C	27.6	+05	45	40	-	-	-	-	0	bcbwc	45	40	-										
	Tangmere ...	63	360	0646	b	27.2	+13	51	40	-	-	-	-	-	-	064	C	27.9	+02	40	37	-	-	-	-	-	0	bcbwc	39	33	-										
	Calshot ...	8	340	0964	b	27.8	+14	49	43	-	-	-	-	-	-	080	bc	28.3	+01	43	39	-	-	-	-	-	0	bcbwc	42	37	-										
2	Boscombe Down ...	414	290	0580	b	28.0	+09	45	40	-	-	-	-	-	-	-	048	C	28.1	+03	39	38	-	-	-	-	0	bcbwc	39	28	1										
	Felixstowe ...	10	340	0544	b	26.4	+17	52	42	-	-	-	-	-	-	310	0252	C	26.3	-01	46	40	-	-	-	-	0	bcbwc	45	37	-										
	Gorleston ...	5	270	0656	b	25.0	+12	49	38	-	-	-	-	-	-	270	0536	bc	25.3	+03	42	36	-	-	-	-	0	bcbwc	41	37	-										
	West Raynham ...	250	290	1156	b	26.1	+08	46	39	-	-	-	-	-	-	240	0964	bc	25.6	-02	43	37	-	-	-	-	0	bcbwc	37	29	-										
	Mildenhall ...	15	270	0340	b	26.5	+08	43	36	-	-	-	-	-	-	230	0532	C	26.2	00	42	37	-	-	-	-	0	bcbwc	40	30	-										
3	Cranfield ...	340	-	064	b	27.1	+08	44	37	-	-	-	-	-	-	230	0648	C	26.6	-04	41	37	-	-	-	-	0	bcbwc	39	30	-										
	Honiley ...	427	-	064	b	27.6	+06	44	38	-	-	-	-	-	-	190	0580	C	26.9	-04	42	38	-	-	-	-	0	bcbwc	40	33	-										
	Wittering ...	236	290	0956	b	27.0	+06	41	37	-	-	-	-	-	-	250	0864	C	25.7	-08	43	39	-	-	-	-	0	bcbwc	37	33	-										
	Watnall ...	366	240	0264	b	26.4	+01	42	37	-	-	-	-	-	-	230	0532	C	24.9	-12	43	39	-	-	-	-	0	bcbwc	40	33	-										
4	Little Rissington ...	740	230	0982	b	28.0	+07	45	35	-	-	-	-	-	-	270	1182	o	27.6	00	41	35	-	-	-	-	0	bcbwc	40	35	-										
5	Ross-on-Wye ...	223	250	0281	b	27.2	+01	43	36	-	-	-	-	-	-	230	0181	C	27.7	-08	43	38	-	-	-	-	0	bcbwc	43	33	-										
	Shawbury ...	235	250	0256	b	28.3	+05	42	40	-	-	-	-	-	-	180	0581	C	25.6	+09	45	38	-	-	-	-	0	bcbwc	40	33	-										
	Bristol ...	209	150	0256	b	28.3	+05	42	40	-	-	-	-	-	-	250	0340	2	28.0	-03	45	44	-	-	-	-	0	bcbwc	42	30	-										
	Exeter ...	100	310	1281	b	29.5	+05	44	42	-	-	-	-	-	-	110	0380	C	28.9	-03	41	40	-	-	-	-	0	bcbwc	41	22	-										
	Portland Bill ...	32	330	0981	b	29.1	+13	51	42	-	-	-	-	-	-	310	0981	C	29.1	00	48	44	-	-	-	-	0	bcbwc	46	*	-										
6	Plymouth ...	90	-	080	b	30.6	+10	46	43	-	-	-	-	-	-	-	024	2	29.3	-02	43	41	-	-	-	-	0	bcbwc	42	35	-										
	Chivenor ...	20	-	064	b	29.6	+04	45	45	-	-	-	-	-	-	090	0864	C	28.9	-04	41	41	-	-	-	-	0	bcbwc	41	33	-										
	St. Eval ...	386	320	0780	b	30.9	+07	48	45	-	-	-	-	-	-	270	0781	C	29.9	-02	46	44	-	-	-	-	0	bcbwc	44	39	-										
	Lizard ...	240	310	0180	b	30.2	+08	44	44	-	-	-	-	-	-	300	0256	C	30.0	00	46	44	-	-	-	-	0	bcbwc	43	*	-										
	Scilly, St. Mary's ...	183	310	1182	b	30.8	+06	48	43	5	-	-	-	-	-	300	1283	bc	30.0	-06	47	43	-	-	-	-	0	bcbwc	47	*	-										
7	Guernsey ...	340	360	0681	b	29.6	+10	48	46	6	-	-	-	-	-	340	0381	bc	29.8	-01	44	43	-	-	-	-	0	bcbwc	43	38	-										
	Aberporth ...	375	250	0580	bc	28.4	+05	44	42	-	-	-	-	-	-	230	0582	C	27.0	-08	44	40	-	-	-	-	1	bcc	43	38	-										
8	Pembroke ...	142	310	0381	b	29.1	+12	48	44	-	-	-	-	-	-	270	1680	C	27.7	-03	48	46	-	-	-	-	0	ycc	47	*	-										
9	Holyhead (Valley) ...	32	270	1980	b	26.9	+02	47	41	-	-	-	-	-	-	230	2181	C	24.5	-12	48	44	-	-	-	-	1	bcbwc	46	41	0.2										
10	Manchester ...	230	230	0740	b	26.3	-01	41	38	-	-	-	-	-	-	200	0640	C	24.7	-04	42	39	-	-	-	-	0	bcbwc	39	35	-										
11	Squires Gate ...	93	250	1780	bc	25.7	+01	47	45	-	-	-	-	-	-	230	2082	ir	23.9	-10	47	44	-	-	-	-	1	bcbwc	46	41	1										
	Silloth ...	25	240	0881	o	23.8	-06	48	43	5	-	-	-	-	-	230	2548	ro	19.5	-22	46	45	-	-	-	-	1	bcbwc	43	43	-										
12	Finningley ...	52	200	0740	b	25.7	+02	43	36	-	-	-	-	-	-	200	1264	C	23.3	-13	45	37	-	-	-	-	0	bcbwc	42	34	-										
	Spurn Head ...	29	260	1656	c	24.7	+01	47	42	-	-	-	-	-	-	230	1048	bc	23.3	-08	45	40	-	-	-	-	0	bcbwc	43	*	-										
	Leeming ...	105	200	0280	b	24.1	-02	44	37	-	-	-	-	-	-	250	1781	C	20.6	-15	48	37	-	-	-	-	0	bcbwc	44	41	-										
13	Tynemouth ...	108	230	0756	bc	23.0	-03	46	36	5	-	-	-	-	-	270	1656	C	18.3	-24	43	37	-	-	-	-	0	bcc	44	38	-										
	St. Abb's Head ...	280	270	1980	c	18.5	-08	45	38	5	-	-	-	-	-	230	1980	C	15.4	-07	46	39	-	-	-	-	0	bcc	40	*	-										
	Leuchars ...	36	250	2181	b	18.2	-18	46	38	-	-	-	-	-	-	200	1881	C	13.4	-32	46	42	-	-	-	-	0	bcc	45	40	-										
14	Eskdalemuir ...	794	230	1881	o	21.5	-15	48	41	5	-	-	-	-	-	200	1432	dod	18.6	-20	43	40	-	-	-	-	1	bcbwc	41	38	2										
	Prestwick ...	30	230	1881	o	21.5	-15	48	41	5	-	-	-	-	-	220	1848	dod	17.1	-25	46	44	-	-	-	-	1	bcbwc	46	41	-										
15	West Freugh ...	52	250	1280	C	22.7	-11	47	40	5	3	-	-	-	-	230	1364	olr	18.9	-24	47	44	-	-	-	-	1	bcbwc	45	43	2										
	Ronaldsway ...	55	270	1881	bc	25.1	-07	48	39	5	7	-	-	-	-	220	1280	ir	22.0	+16	50	41	-	-	-	-	1	bcbwc	47	41	0.1										
16	Tiree ...	29	210	2056	cd	16.9	-20	48	46	6	7	-	-	-	-	230	2112	dod	10.8	-21	50	50	-	-	-	-	2	bcbwc	47	45	5										
17	Benbecula ...	14	200	3032	dod	12.2	-29	48	47	6	2	-	-	-	-	240	2520	dod	0.2	-17	50	50	-	-	-	-	1	bcbwc	43	43	4										
18	Stornoway ...	10	190	2056	cd	09.7	-32	47	45	5	-	-	-	-	-	230	2448	dod	0.3	-25	51	49	-	-	-	-	2	bcbwc	47	45	1										
19	Cape Wrath ...	367	270	3072	pr	07.8	-32	45	43	8	-	-	-	-	-	230	2412	ro	02.1	-21	46	46	-	-	-	-	2	bcbwc	40	40	5										
	Sule Skerry ...	45	270	3072	pr	07.8	-32	45	43	8	-	-	-	-	-	230	2080	o	02.3	-20	48	46	-	-	-	-	1	bcc	47	44	0.3										
20	Loch Rannoch ...	680	200	1881	C	16.2	-22	44	34	-	7	7	-	-	-	190	1881	bc	10.1	-30	47	41	-	-	-	-	1	bcbwc	42	35	-										
	Dyce ...	234	240	1082	bc	14.2	-21	47	38	5	7	-	-	-	-	120	2283	bc	06.8	-34	52	43	-	-	-	-	0	bcc	44	40	-										
	Lossiemouth ...	21	210	2081	C	12.4	-22	45	38	5	3	-	-	-	-	200	1882	C	04.8	-32	48	43	-	-	-	-	1	bcc	44	41	1										
21	Lerwick ...	289	210	2581	ro	08.3	-13	44	42	5	-	-	-	-	-	200	3448	ro	03.4	-37	45	44	-	-	-	-	2	bcbwc	41	39	2										
	Blackod Point ...	18	230	2478	o/r	22.1	+18	51	48	7	-	-	-	-	-	230	2736	dod	18.8	-08	51	51	-	-	-	-	1	bcbwc	49	46	1										
	Malin Head ...	84	270	1864	o	23.2	-13	47	40	5	1	-	-	-	-	270	3041	id	15.0	-20	51	49	-	-	-	-	1	bcbwc	46	43	1										
	Aldergrove ...	220	270	1864	o	23.2	-13	47	40	5	1	-	-	-	-	270	2364	o/r	18.9	-23	48	46	-	-	-	-	0	bcbwc	46	42	1										
22	Castle Archdale ...	225	250	1581	o	22.9	-17	48	40	5	-	-	-	-	-	230	1548	ro																							

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

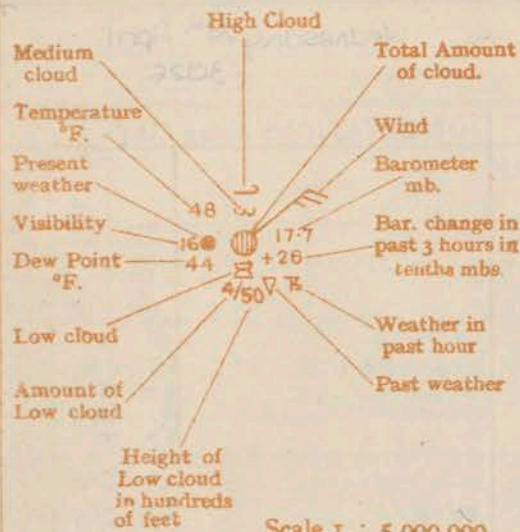
\* Information not usually received.







# STATION MODEL



6h Wednesday 20<sup>th</sup> April.

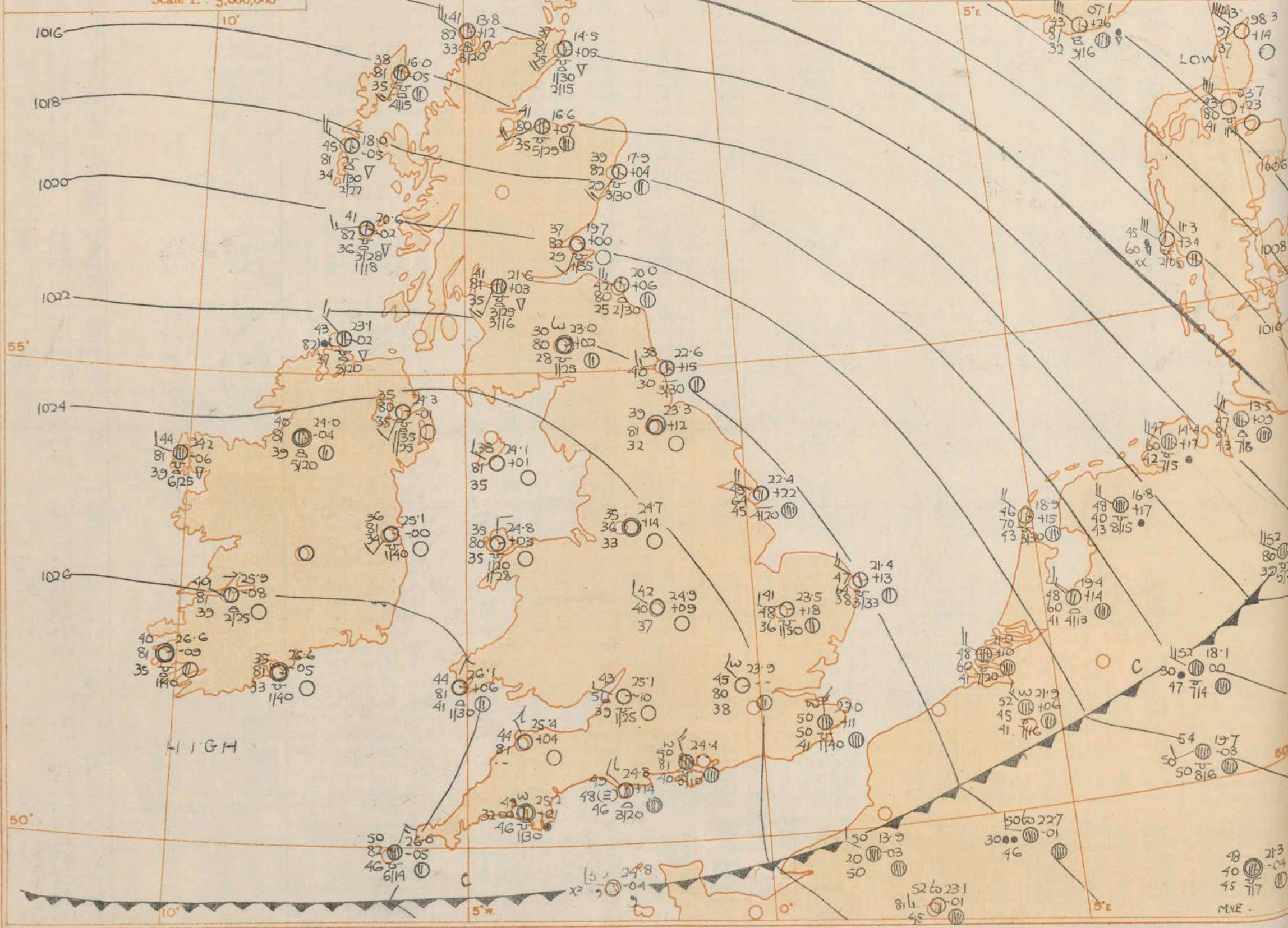
1949

## 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.	Min. on grass	Day	Night		15h %	9h %
Kew ...				64							
London Airport	cbwbc	bcwbc	cbwbc	65	45	40	-	-	*	50	50
Greenwich ...	by	bc	cb	68	47	42	-	-	10.7	97	45
Westminster	.	.	.	67	48	40	-	-	.	60	53
Regents Park	.	.	.	65	46	46	-	-	.	56	48
Camden Square	b	cbc	.	68	47	40	-	-	.	50	50
Kensington ...	bc	bc	.	67	48	42	-	-	.	60	45
Hampstead ...	bc	bc	b	65	44	37	-	-	.	.	61

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 20<sup>th</sup> Max. 20<sup>th</sup> whole of period.





# GENERAL INFERENCE

A ridge of high pressure is moving east across the country and a deepening depression some 400 miles west of Ireland is moving east northeast. The weather will be fair in most places at first, but cloudy conditions with rain will spread to most districts during the evening and night. Amounts of rain in the South, however, will probably be small. Brighter weather will follow the rain though there will be some showers, more especially in the North.

# FURTHER OUTLOOK

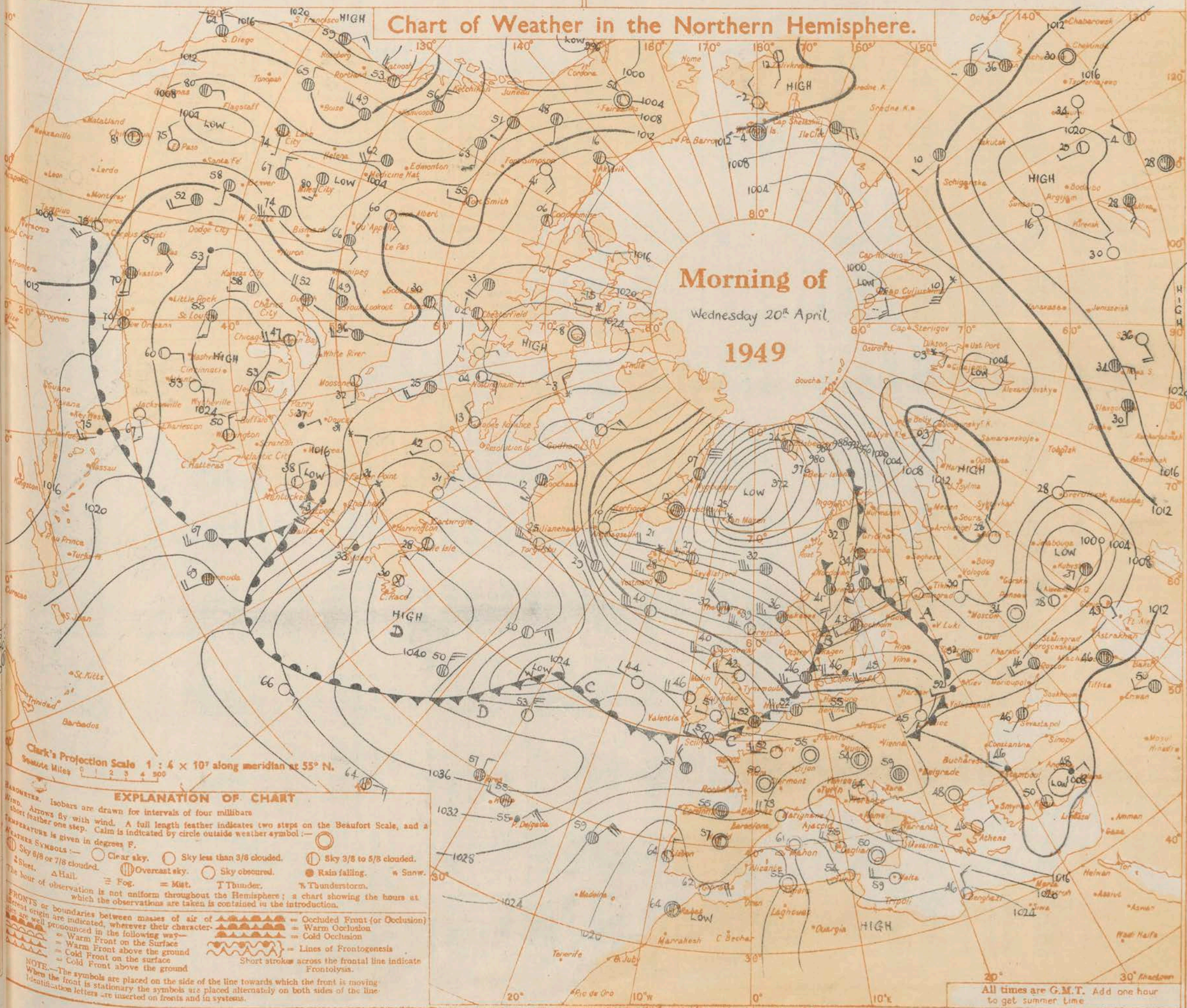
Bright in many places though with some showers.

## Gale warning:

Cones are flying in Orkneys and Shetlands, along the North and East coasts of Scotland, east of a line Ruth Rē to Firth of Forth.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 20<sup>th</sup> April,  
1949





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Wednesday 20<sup>th</sup> April 1949  
No. 31926.

OBSERVATIONS at oohr. G.M.T. 20<sup>th</sup> April

OBSERVATIONS at 06hr. G.M.T. 20<sup>th</sup> April 1951

OBSERVATIONS Tuesday NIGHT

District.	STATIONS.	Height above M.S.L.	Wind.			Pressure.	Temp.	Cloud.								Wind.	Temp.	Cloud.								9h	Weather.		Temperature		Rain.									
			Direction (degrees).	Speed (kts).	Visibility (code figures).			Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.					Direction (degrees).	Speed (kts).	Visibility (code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.		Form.					State of ground.	21 h.-08 h.	Min. "P.	Min. on Grass "P.					
													Low.	Medium.	High.												Total amount.	Main layer.	Ht. +.	Low.						Medium.	High.	Total amount.	Main layer.	Ht. +.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)
0	Kew ...	18	.	.	.	.	.	.	.	.	.	.	.	.	.	350	08 72	b	23.9	+11	48	38	5	-	-	2	2	41	-	-	0	cbwcbcb	45	40	-	-	-			
1	London Airport ...	82	270	08	76	c	22.5	-08	53	50	5	-	-	-	-	330	05 81	b	24.0	+15	46	39	5	-	-	2	2	84	-	-	0	cbwcbcb	45	46	-	-	-			
	Lymington ...	341	290	11	80	c	21.9	-05	53	50	5	-	-	-	-	360	10 80	b	23.0	+11	50	41	5	-	-	2	4	-	-	0	bcbcbcb	48	43	-	-	-				
	Tangmere ...	53	300	10	40	o	23.2	-03	53	50	5	-	-	-	-	020	11 64	b	24.0	+10	49	43	5	-	-	2	1	25	-	-	0	bcbcbcb	48	43	-	-	-			
	Calshot ...	8	280	05	64	o	23.8	-01	54	50	5	-	-	-	-	020	06 64	c	24.3	+08	52	44	8	-	-	7	4	25	2	18	0	cbcbcb	50	47	-	-	-			
2	Boscombe Down ...	414	280	10	64	o	23.5	-03	52	50	6	-	-	-	-	340	03 80	b	24.6	+11	45	41	5	-	-	3	3	-	1	40	0	cbcbcb	45	38	-	-	-			
	Felixstowe ...	10	270	12	56	bc	20.6	+02	52	47	-	-	-	-	-	340	12 64	b	22.5	+16	47	38	5	-	-	1	1	33	-	-	0	bcbcb	47	41	-	-	-			
	Gorleston ...	5	310	12	56	bc	19.4	+04	52	47	-	-	-	-	-	310	10 64	b	21.4	+13	47	38	5	-	-	1	1	33	-	-	0	cbcbcb	46	40	-	-	-			
	West Raynham ...	250	300	25	36	bc	19.2	+00	52	49	5	-	-	-	-	330	13 81	bc	22.7	+20	43	38	5	-	-	3	3	30	-	-	0	bcbcb	43	39	-	-	-			
	Mildenhall ...	15	250	12	56	o	20.7	+04	53	49	5	-	-	-	-	290	04 48	b	23.5	+18	41	36	5	-	-	1	1	50	-	-	0	cbcbcb	41	33	-	-	-			
3	Cranfield ...	340	250	11	48	bc	21.2	+03	50	48	5	-	-	-	-	310	03 80	b	23.8	+12	42	37	-	-	-	1	1	81	-	-	0	bcbcbcb	41	30	-	-	-			
	Honiley ...	427	320	10	80	c	22.9	+12	51	38	5	-	-	-	-	310	05 40	b	24.9	+09	42	37	-	-	-	1	1	81	-	-	0	bcbcbcb	41	37	-	-	-			
	Wittering ...	236	310	16	56	bc/r	21.3	+13	51	39	5	-	-	-	-	310	09 48	b	24.1	+18	39	36	-	-	-	0	0	0	-	-	0	bcbcbcb	38	33	-	-	-			
	Watnall ...	366	290	09	80	b	21.9	+24	48	40	-	-	-	-	-	300	05 48	b	24.0	+11	40	35	-	-	-	0	0	0	-	-	0	bcbcbcb	38	35	-	-	-			
4	Little Rissington ...	740	270	06	80	c	23.0	+00	50	48	5	-	-	-	-	360	04 82	b	25.0	+11	42	36	-	-	-	1	1	80	-	-	0	cbcbcb	41	34	-	-	-			
5	Ross-on-Wye ...	223	.	.	.	.	.	.	.	.	.	.	.	.	.	310	01 81	b	25.4	+10	42	37	-	-	-	0	0	0	-	-	0	cbcbcb	42	37	-	-	-			
	Shawbury ...	235	270	22	81	b	23.1	+19	48	39	-	-	-	-	-	290	02 81	b	25.1	+11	37	35	-	-	-	0	0	0	-	-	0	bcbcbcb	37	27	-	-	-			
	Bristol ...	209	250	18	14	o/d	23.7	-05	50	50	6	-	-	-	-	290	03 56	b	28.1	+10	43	39	-	-	-	1	1	25	-	-	0	cbcbcb	41	30	-	-	-			
	Exeter ...	100	290	09	81	o	24.6	-11	53	51	6	-	-	-	-	-	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Portland Bill ...	32	290	09	81	o	24.7	-06	51	48	5	-	-	-	-	340	05 48	bc	24.8	+14	45	46	-	-	-	4	3	26	-	-	0	cbcbcb	44	28	-	-	-			
6	Plymouth ...	90	290	05	40	z	25.8	-05	53	51	5	-	-	-	-	-	0	0	0	0	0	0	-	-	-	4	1	30	-	-	0	cbcbcb	48	43	-	-	-			
	Chiverton ...	20	270	04	24	o/r	25.4	-04	51	51	6	-	-	-	-	360	04 81	b	25.4	+04	44	43	-	-	-	1	1	83	-	-	0	cbcbcb	43	38	-	-	-			
	St. Eval ...	386	270	08	02	o/b	26.6	-11	51	51	-	-	-	-	-	360	08 56	bc	25.4	+02	44	44	-	-	-	3	3	25	-	-	0	cbcbcb	44	41	-	-	-			
	Lizard ...	240	280	07	08	o	26.6	-08	51	51	6	-	-	-	-	-	0	0	0	0	0	0	-	-	-	4	4	-	-	-	0	cbcbcb	44	41	-	-	-			
	Scilly, St. Mary's ...	163	290	13	08	o	27.2	-04	52	51	-	-	-	-	-	010	11 82	c	26.0	-05	50	46	5	-	-	6	6	14	-	-	0	cbcbcb	48	43	-	-	-			
7	Guernsey ...	340	310	14	64	o	26.4	-12	49	48	5	-	-	-	-	330	05 43	b	24.8	-04	50	50	-	-	-	9	9	-	-	-	1	cbcbcb	48	46	-	-	-			
	Aberporth ...	375	300	02	80	c	24.5	+07	48	46	5	-	-	-	-	360	03 81	b	25.3	+07	44	42	2	-	-	6	4	21	-	-	0	cbcbcb	44	38	-	-	-			
	Pembroke ...	142	310	02	80	b	25.1	+08	50	45	4	-	-	-	-	020	07 80	b	25.9	+06	44	42	1	-	-	1	1	35	-	-	0	cbcbcb	43	38	-	-	-			
	Holyhead (Valley) ...	32	310	10	80	b	24.9	+20	46	43	-	-	-	-	-	360	02 80	b	24.8	+03	35	35	-	-	-	0	0	0	-	-	0	cbcbcb	35	35	-	-	-			
	Manchester ...	230	300	13	81	b	22.2	+16	46	40	5	-	-	-	-	-	0	0	0	0	0	0	-	-	-	0	0	0	-	-	0	cbcbcb	35	24	-	-	-			
8	Squires Gate ...	33	300	17	81	b	22.2	+17	47	42	-	-	-	-	-	310	07 81	b	24.0	+07	44	38	1	-	-	1	1	20	-	-	0	cbcbcb	42	35	-	-	-			
	Silloth ...	25	300	15	81	b	21.1	+31	45	38	-	-	-	-	-	280	08 81	b	22.3	+02	43	40	-	-	-	0	0	0	-	-	1	cbcbcb	41	30	-	-	-			
	Finningley ...	52	280	22	80	b	20.2	+19	49	39	-	-	-	-	-	310	05 40	b	23.2	+11	39	35	-	-	-	4	1	0	-	-	0	cbcbcb	38	30	-	-	-			
	Spurn Head ...	29	290	22	48	b	19.4	+18	50	42	-	-	-	-	-	300	12 64	bc	22.4	+22	49	45	6	-	-	4	4	26	-	-	0	cbcbcb	43	38	-	-	-			
	Leeming ...	106	300	17	82	b	20.0	+18	48	37	-	-	-	-	-	-	0	0	0	0	0	0	-	-	-	0	0	0	-	-	0	cbcbcb	38	37	-	-	-			
9	Tynemouth ...	108	310	14	80	b	18.8	+22	45	33	5	-	-	-	-	270	09 56	bc	22.6	+15	38	35	6	-	-	3	3	20	-	-	0	cbcbcb	37	32	-	-	-			
	St. Abb's Head ...	280	360	19	80	b	17.1	+48	44	31	1	-	-	-	-	310	19 80	b	20.0	+06	42	35	-	-	-	2	2	30	-	-	0	cbcbcb	36	31	-	-	-			
	Leuchars ...	36	270	16	82	b	19.3	+51	42	28	-	-	-	-	-	210	05 82	b	19.7	00	37	29	5	-	-	1	1	35	-	-	0	cbcbcb	33	25	-	-	-			
	Eskdalemuir ...	794	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	-	-	-	1	1	25	-	-	1	cbcbcb	28	21	-	-	-			
	Prestwick ...	30	300	14	81	b	21.7	+28	43	35	2	-	-	-	-	270	15 81	bc	22.4	+02	43	37	8	-	-	3	2	47	1	25	1	cbcbcb	40	32	-	-	-			
10	West Freugh ...	52	340	12	80	b	22.4	+20	41	36	-	-	-	-	-	270	09 81	bc	23.2	+04	40	35	5	-	-	4	2	40	2	20	0	cbcbcb	34	30	-	-	-			
	Ronaldsway ...	55	320	12	82	b	23.2	+21	44	37	-	-	-	-	-	310	06 81	b	24.1	+01	38	35	-	-	-	0	0	0	-	-	0	cbcbcb	36	28	-	-	-			
	13A Tiree ...	29	300	15	81	b	20.7	+12	44	31	1	-	-	-	-	290	12 82	bc	20.6	-02	41	36	8	-	-	3	3	28	1	18	1	cbcbcb	40	35	-	-	-			
	13B Benbecula ...	16	290	22	81	bc/pr	19.1	+10	42	39	3	-	-	-	-	290	13 81	bc	18.0	-03	45	34	9	-	-	4	4	30	2	22	1	cbcbcb	40	37	-	-	-			
	Stornoway ...	10	270	18	80	b	16.2	+02	40	35	3	-	-	-	-	190	07 81	bc	16.0	-05	38	35	4	-	-	1	1	40	-	-	2	cbcbcb	37	35	-	-	-			
11	Cape Wrath ...	367	310	24	82	bc	13.7	+21	40	29	3	-	-	-	-	310	19 82	bc	13.8	+12	41	33	3	-	-	3	3	20	-	-	1	cbcbcb	37	36	-	-	-			
	Sule Skerry ...	45	.	.	.	.	.	.	.	.	.	.	.	.	.	310	24 82	bc	12.7	+02	42	36	8	-	-	3	3	20	-											

\*Rainfall read at 06:00.

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\* Information not usually received.

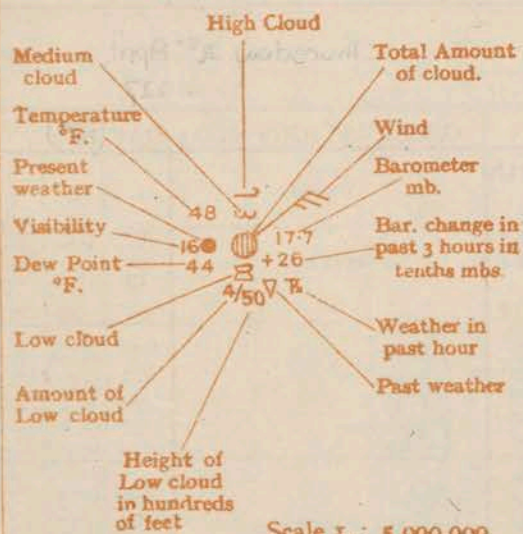


BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Thursday 21<sup>st</sup> April 1949  
No. 31227OBSERVATIONS at 12h. G.M.T. 20<sup>th</sup> AprilOBSERVATIONS at 18h. G.M.T. 20<sup>th</sup> AprilOBSERVATIONS during DAY (20<sup>th</sup>)

District.	STATIONS. (For heights see p. 4)	OBSERVATIONS during DAY (20)										OBSERVATIONS during DAY (21)										OBSERVATIONS during DAY (22)																	
		Wind.		Visiblity (Code figure).	Present Weather.	Pressure.		Temp.		Cloud.				Wind.		Visiblity (Code figure).	Present Weather.	Pressure.		Temp.		Cloud.				21 h State of ground.	Weather. 09 to 21 h.	Max. Temp. 09h. 21h. °F (33)	Sun- shine. 21h. min. (36)	Rain (09h. 21h. mm.) (37)									
		Direction (degrees).	Speed (kts.).			Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Bar at M.S.L.			Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.																
																								Low.	Medium.						High.	Total amount.	Ht. ft.	Low.	Medium.	High.	Total amount.	Ht. ft.	Low.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)			
0	Kew London Airport	290	02	81	b	23.4	-15	54	27	-	-	0	0	0	-	-	-	-	-	18.0	-2.2	58	34	-	-	-	0	0	0	-	-	0	byb	60	12.8	-			
1	Lymington	010	09	81	b	23.6	-09	57	31	-	-	0	0	0	-	-	-	-	-	18.7	-2.7	58	34	-	-	-	0	0	0	-	-	0	byb	63	-	-			
	Tangmere	020	10	81	b	23.5	-07	54	31	3	5	4	1	1	30	-	-	-	-	20.3	-16	46	41	-	-	9	1	-	-	-	0	byb	56	11.7	-				
	Calshot	180	04	81	b	23.2	-08	58	37	-	-	-	1	1	30	-	-	-	-	19.6	-18	50	41	9	5	-	1	1	40	-	-	0	bybmo	59	12.5	-			
		190	08	81	b	23.5	-09	58	41	6	-	-	1	1	30	-	-	-	-	19.1	-2.2	53	43	-	-	-	0	0	0	-	-	0	byb	58	11.2	-			
2	Boscombe Down	090	04	81	b	23.2	-11	56	32	-	-	-	0	0	0	-	-	-	-	17.0	-13	51	37	4	-	-	1	1	35	-	-	0	by	60	11.9	-			
	Felixstowe	100	09	81	bc	23.7	+00	51	40	4	-	-	5	5	30	-	-	-	-	15.0	-10	80	6	-	-	-	0	0	0	-	-	0	bybay	54	11.9	-			
	Gorleston	360	10	64	bc	23.5	+06	53	37	2	-	-	3	3	30	-	-	-	-	20.8	-16	48	40	-	-	-	0	0	0	-	-	0	bybay	53	12.7	-			
	West Raynham	330	02	81	bc	23.2	-04	49	34	1	-	-	3	3	30	-	-	-	-	21.5	-04	46	38	7	4	-	1	1	30	-	-	0	bybay	54	11.9	-			
	Mildenhall	-	0	82	bc	23.3	-08	54	33	1	-	-	3	3	30	-	-	-	-	20.1	-14	49	37	1	4	-	1	1	35	-	-	0	bybay	54	11.9	-			
3	Cranfield	-	0	81	b	23.2	-13	53	33	1	-	-	1	1	20	-	-	-	-	16.0	-13	51	37	4	-	-	1	1	35	-	-	0	bybay	59	11.8	-			
	Honiley	110	03	48	c	23.8	-14	53	27	-	-	-	6	7	-	-	-	-	-	18.4	-21	55	31	-	-	-	1	1	-	-	-	0	bybc	57	13.0	-			
	Wittering	020	07	81	b	23.4	-11	54	24	1	-	-	1	1	30	-	-	-	-	18.0	-	54	33	-	-	-	4	1	-	-	-	0	bybc	57	11.8	-			
	Watnall	020	07	81	b	23.4	-11	54	24	1	-	-	1	1	30	-	-	-	-	18.7	-14	55	32	-	-	-	1	-	-	-	-	0	bybc	57	12.9	-			
4	Little Rissington	150	04	40	2	23.3	-13	54	27	1	-	-	1	1	30	-	-	-	-	18.1	-18	53	31	5	6	6	6	3	30	-	-	0	bybay	58	11.0	-			
		020	09	81	b	23.3	-13	52	27	-	-	-	0	0	0	-	-	-	-	16.0	-09	82	bc	-	-	-	4	5	-	-	-	0	bybay	57	12.7	-			
5	Ross-on-Wye	080	05	82	b	23.8	-14	56	34	1	-	-	1	1	30	-	-	-	-	23.0	-06	81	bc	-	-	-	4	3	-	-	-	0	bybay	59	12.5	-			
	Shawbury	230	05	81	bc	23.7	-16	54	38	1	-	-	3	3	25	-	-	-	-	16.0	-08	82	c	-	-	-	7	7	-	-	-	0	bybay	58	10.9	-			
	Bristol	340	02	82	b	23.7	-07	57	36	1	-	-	1	1	40	-	-	-	-	20.0	-05	82	bc	-	-	-	1	4	-	-	-	0	bybc	61	12.2	-			
	Exeter	230	03	82	c	23.5	-13	57	43	1	-	-	6	6	28	-	-	-	-	18.0	-06	81	b	-	-	-	1	1	25	-	-	0	bybc	60	11.4	-			
	Portland Bill	090	05	81	b	24.4	-02	54	43	1	-	-	1	1	30	-	-	-	-	11.0	-05	81	b	-	-	-	0	0	0	-	-	0	bybc	59	-	-			
	Plymouth	200	07	81	bc	23.5	-01	57	45	1	-	-	4	4	25	-	-	-	-	20.0	-04	81	c	-	-	-	2	6	5	-	-	0	bc	57	11.3	-			
	Chivenor	270	10	81	bc	23.7	-14	56	41	1	-	-	3	3	20	-	-	-	-	18.1	-26	53	39	-	-	-	6	8	2	20	-	0	bybc	57	11.8	-			
	St. Eval	340	08	81	b	23.8	-16	54	48	1	-	-	2	2	20	-	-	-	-	18.9	-21	51	44	5	5	-	7	6	80	2	20	1	bybc	58	12.6	-			
	Lizard	110	02	80	b	23.6	-16	55	47	1	-	-	1	1	25	-	-	-	-	18.5	-26	53	47	-	-	-	2	2	60	-	-	0	bc	58	12.6	-			
	Scilly, St. Mary's	070	05	82	b	24.0	-15	58	46	1	-	-	2	2	18	-	-	-	-	13.0	-04	82	bc	-	-	-	2	2	18	-	-	0	bc	60	12.3	-			
6	Guernsey	010	03	64	bc	23.4	-13	55	48	8	4	3	4	2	20	1	15	-	-																				
7	Aberporth	350	06	81	bc	23.3	-17	50	48	1	-	-	3	3	25	-	-	-	-	29.0	-05	81	c	-	-	-	5	3	2	7	5	30	-	-	0	bc	50	9.4	-
8	Pembroke	270	03	80	b	24.2	-14	50	44	2	-	-	2	2	30	-	-	-	-	18.3	-27	49	43	-	-	-	7	9	16	3	86	3	81	bc	51	11.9	-		
	Holyhead (Valley)	200	10	81	b	23.4	-13	50	43	1	-	-	1	1	20	-	-	-	-	20.0	-12	81	0	-	-	-	8	1	20	-	-	1	bc	50	9.9	-			
	Manchester	200	05	80	bc	23.4	-10	54	34	1	-	-	3	3	30	-	-	-	-	18.0	-08	64	c	-	-	-	7	7	83	-	-	0	bybc	56	10.7	-			
9	Squires Gate...	260	04	81	b	23.6	-07	51	42	1	-	-	2	2	25	-	-	-	-	31.0	-09	64	c	-	-</														



## STATION MODEL



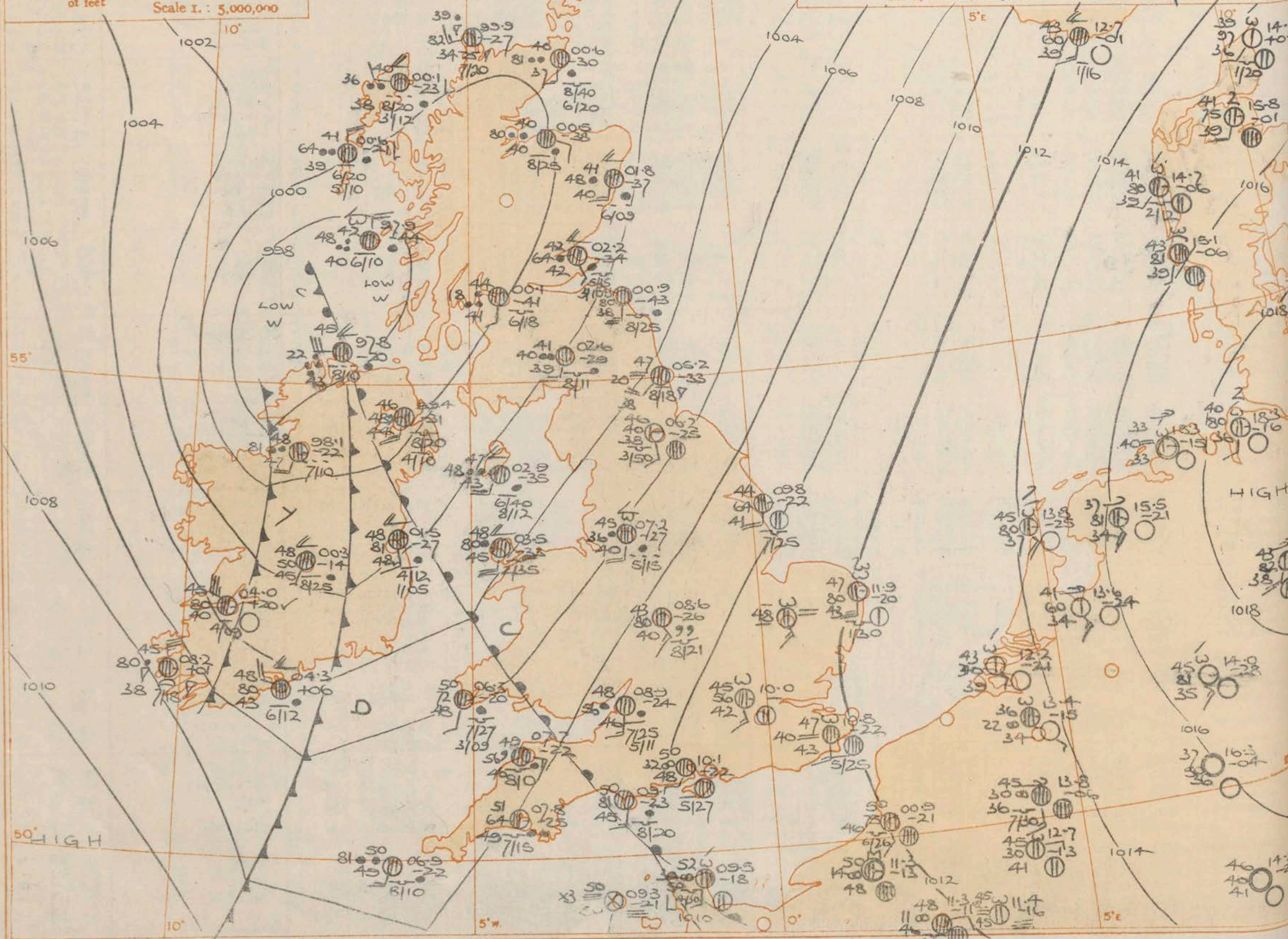
6h Thursday 21st April

1949

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-15h Regent's Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Max.	Night Min.	Min. on grass	Day	Night		15h %	To-day %
Kew ...											
Croydon	byb	bbccmo		60	41	30	-	-	12.8		
London Airport	byb			63			-	-		50	85
Greenwich	by	by	bbcc	59	38	27	-	-	11.8	32	77
Westminster				60	44	39	-	-		40	85
Regent's Park				60	44	28	-	-		39	81
Camden Square	b	b		63	44	38	-	-			77
Kensington	b	b		61	43	35	-	-		32	75
Hampstead											

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h 21st Max. 1.01 Time of Period.



# GENERAL INFERENCE

A complex trough of low pressure extending from Scotland to the Bay of Bisay is moving east.  
Rain over Scotland and much of northern and western districts of England will soon spread to all remaining districts of England to end the dry spell.  
The rain will be followed by colder brighter weather though there will be some showers especially in the North.

# FURTHER OUTLOOK

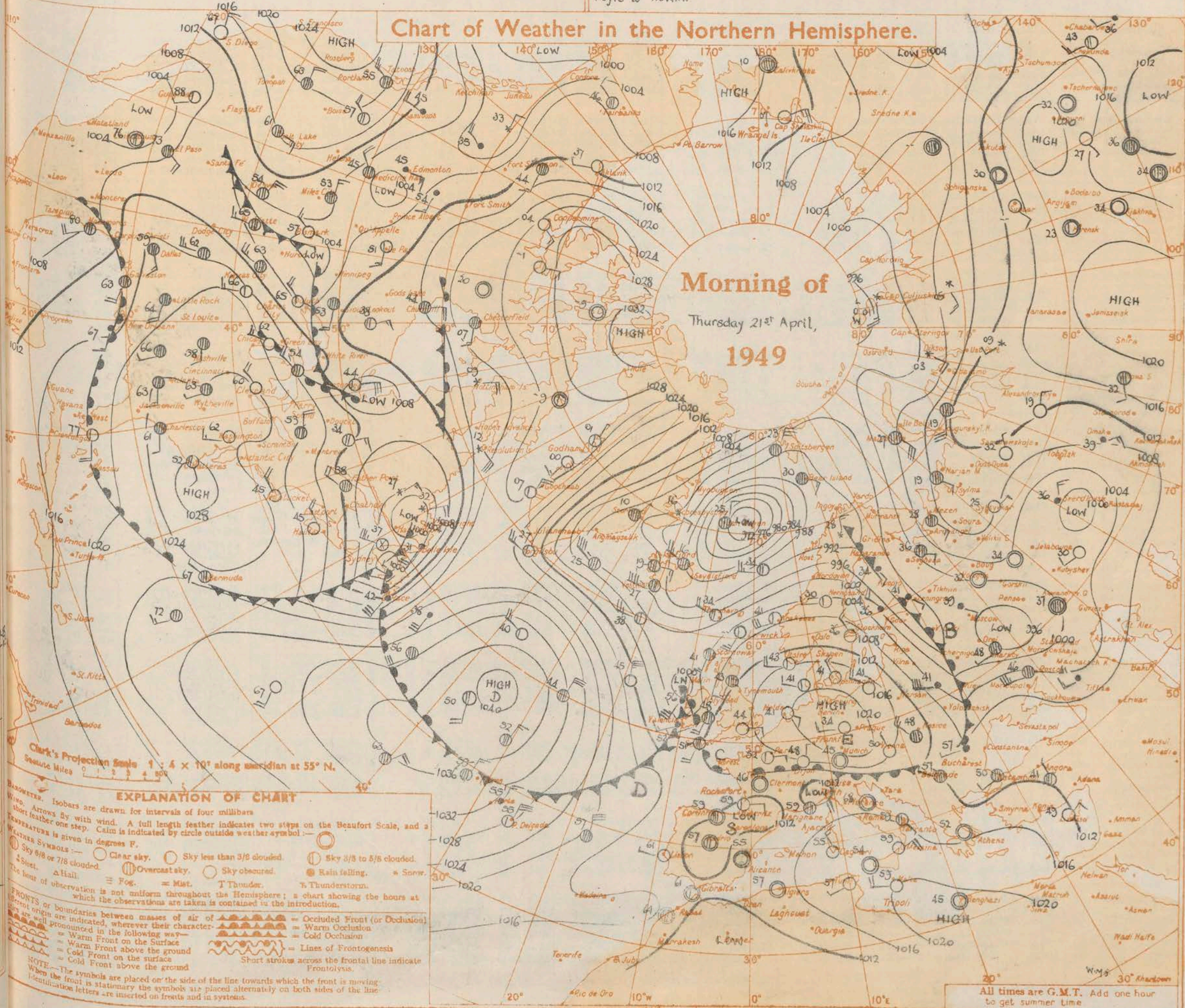
Fair and bright in many districts at first. Rain soon reaching western districts from the Atlantic subsequently spreading east.

## Gale warning.

▲ North coasts are flying on Scottish coasts from Dornoch Firth to Solway Firth, and west coasts from Solway Firth to Bristol Channel and on North Irish coasts from Foyle to Howth.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 21<sup>st</sup> April,  
1949



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Scale in Miles 0 100 200 300

## 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 to 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 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. Add one hour to get summer time



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Thursday 21<sup>st</sup> April 1949

No. 31927

OBSERVATIONS at 00hr. G.M.T. 21<sup>st</sup> AprilOBSERVATIONS at 06hr. G.M.T. 21<sup>st</sup> April

OBSERVATIONS Wednesday NIGHT

District.	STATIONS.	Height above M.S.L.	Wind.		Pressure.	Temp.	Cloud.							Wind.	Temp.	Cloud.							State of ground.	Weather.	Temperature			Rain.												
			Direction (degrees).	Speed (kts.).			Form.	Total amount.	Main layer.	Lowest layer.	Ht. +.	Ht. -.	Ht. +.			Ht. -.	Form.	Total amount.	Main layer.	Lowest layer.	Ht. +.	Ht. -.			Ht. +.	Ht. -.	21 h.-00 h.		Min. 7 P.	Min. on Grass 9 P.	Max. 5 A.									
																																(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0	Kew	18	090	06	80	15.6	-26	44	36								100	05	36	10.3	-24	46	40	5	7	8	8	21			0	bccm.c.	41	30						
1	London Airport	82	090	06	80	15.6	-26	44	36								100	05	36	10.3	-24	46	40	5	7	8	8	21			0	bccm.c.	41	30						
	Lympne	341	110	10	81	15.2	-29	43	40								170	09	40	10.8	-22	47	43	6	3	7	4	80			0	bccm.c.	41	36						
	Tangmere	53	080	06	48	14.0	-31	43	41								100	05	36	09.8	-25	48	46	5	7	7	4	30			0	bccm.c.	42	38						
	Calshot	8	160	17	56	15.0	-26	49	45								200	06	32	10.1	-22	50	48	6	2	8	8				0	bccm.c.	38	32						
2	Boscombe Down	414	110	08	80	15.8	-22	43	41								150	07	48	10.6	-21	46	43	5	7	8	8	20			0	bccm.c.	39	34						
	Felixstowe	10	140	10	64	16.0	-23	45	40								160	08	48	10.8	-27	48	43	5	3	9	1	40			0	bccm.c.	44	39						
	Gorleston	5	160	13	64	16.2	-21	45	38								180	19	80	11.9	-20	47	42	5	3	9	3			0	bccm.c.	44	40							
	West Raynham	250	150	14	64	17.0	-21	45	38								150	10	64	11.2	-23	41	38	5	7	7	7			0	bccm.c.	39	34							
	Mildenhall	15	150	05	64	16.2	-24	42	38								130	02	72	10.1	-25	41	39	5	7	7	7			0	bccm.c.	39	30							
3	Cranfield	340	160	07	64	16.0	-19	45	35								150	06	32	10.3	-26	44	39	5	7	8	8	84			0	bccm.c.	40	35						
	Honiley	427	170	13	64	14.2	-24	47	40								160	10	80	08.6	-26	43	40	5	7	8	8	71			0	bccm.c.	41	36						
	Wittering	236	160	10	80	15.1	-15	45	38								180	08	56	09.5	-26	42	40	5	7	7	6	25			0	bccm.c.	40	33						
	Watnall	386	150	06	80	14.0	-15	45	39								150	07	32	09.0	-28	43	35	5	7	7	7	70			0	bccm.c.	42	40						
4	Little Rissington	740	160	11	80	14.6	-20	42	36								110	09	81	09.1	-22	41	37	5	7	8	8	20			0	bccm.c.	40	35						
5	Ross-on-Wye	223															190	09	50	08.6	-28	46	42	5	7	7	6	25			1	ccp.	45		0.1					
	Shawbury	235	160	08	81	12.1	-32	48	40								150	05	48	06.7	-27	47	42	5	7	8	7	25			0	ccp.	46	41	TR					
	Bristol	208	160	08	64	14.2	-24	44	41								180	07	56	08.9	-24	48	46	6	7	7	7	25			0	ccp.	42	34	TR					
	Exeter	100															170	02	40	08.5	-19	50	48	6	7	7	6	18			1	ccp.	45	29	0.6					
	Portland Bill	32	130	09	81	14.1	-36	50	46								170	09	81	09.1	-23	50	48	5	7	8	8	20			1	ccp.	49							
	Plymouth	90	130	05	80	13.5	-26	48	47									6	64	07.8	-25	51	49	5	7	7	7	15			1	bccm.c.	46	40	0.2					
	Chivenor	20	110	06	81	13.0	-32	46	43								110	08	56	07.7	-22	49	46	5	7	8	8	10			1	bccm.c.	46	37	1					
	St. Eval	386	170	07	32	13.6	-27	47	45								180	08	64	08.6	-20	49	49	5	7	8	8			1	bccm.c.	45	43	4						
	Lizard	240	120	04	80	13.0	-35	50	48									0	72	07.6	-24	51	51	5	7	8	8	15			1	bccm.c.	47		1					
	Scilly, St. Mary's	163	200	11	82	12.7	-31	51	47								200	11	81	06.9	-22	50	49	5	7	8	8	10			1	bccm.c.	48		12					
6	Guernsey	340	130	04	64	14.4	-24	50	48								180	04	43	09.3	-21	50	50			3	9	0			0	bccm.c.	49	40						
	Aberporth	375	170	06	81	11.6	-32	44	41								180	17	80	05.1	-23	49	45	6	7	7	8			0	bccm.c.	44	40	0.5						
	Pembroke	142	190	14	80	12.4	-30	44	44								210	16	48	06.2	-21	49	45	5	7	8	8	25			1	bccm.c.	47		1					
	Holyhead (Valley)	32	180	13	80	10.5	-37	47	38								180	25	80	03.5	-33	48	45	5	2	8	8	80			2	bccm.c.	46	44	9					
8	Manchester	230	160	07	32	12.5	-30	49	37								180	13	36	07.2	-27	45	40	7	7	8	5	15			0	bccm.c.	44	40	TR					
9	Squires Gate	93	130	05	80	12.4	-25	46	42								150	15	32	06.2	-29	46	45	5	2	8	7	28			1	ccp.	45	42	2					
	Silloth	25															200	10	80	04.0	-36	46	44	5	7	8	4	30			1	ccp.	42	42	1					
	Finningsley	99	180	12	64	13.2	-28	47	37								160	14	40	08.2	-24	44	35	5	7	8	8			0	ccp.	43	39	TR						
	Spurn Head	29	180	23	56	14.4	-30	46	42								180	13	64	09.8	-22	44	41	5	7	7	7	25			1	ccp.	44	*	TR					
	Leeming	105	170	06	81	11.5	-35	46	38								160	03	40	06.2	-25	46	38	5	7	3	3	50			1	ccp.	43	42	TR					
11	Tynemouth	108	240	10	68	11.5	-35	46	36								250	16	20	05.2	-33	47	38	6	7	8	8	18			2	ccp.	45	42	1					
	St. Abb's Head	280	230	19																																				



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

Friday 22nd April 1949

No. 31928

## OBSERVATIONS at 12h. G.M.T. 21st April

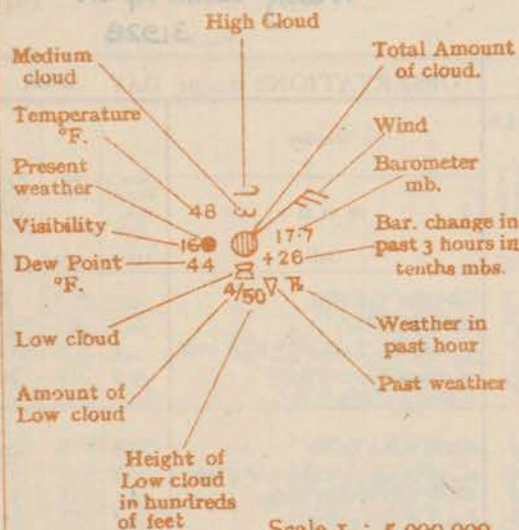
## OBSERVATIONS at 18h. G.M.T. 21st April

## OBSERVATIONS during DAY 21st

District.	STATIONS. (For heights see p. 4)	Wind.		Visibility (Code figures).	Present Weather.	Pressure.		Temp.		Cloud.						21h State of ground	Weather. 09 to 21 h.	Max Temp. 09h. 21h. °F (35)	Sun- shine. 21h. (36)	Rain 09h.- 21h. amt. (37)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		Direction (degrees).	Speed (kts.).			Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb. °F.	Dew point °F.	Form.	Total amount.	Main layer.	Lowest layer.	Ht. °F.	Ht. °F.						Ht. °F.	Ht. °F.	Ht. °F.	Ht. °F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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0	Kew	180	10	81	c	05.4	-27	61	50	2	7	-	6	5	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-</



# STATION MODEL



6h Friday 22nd April

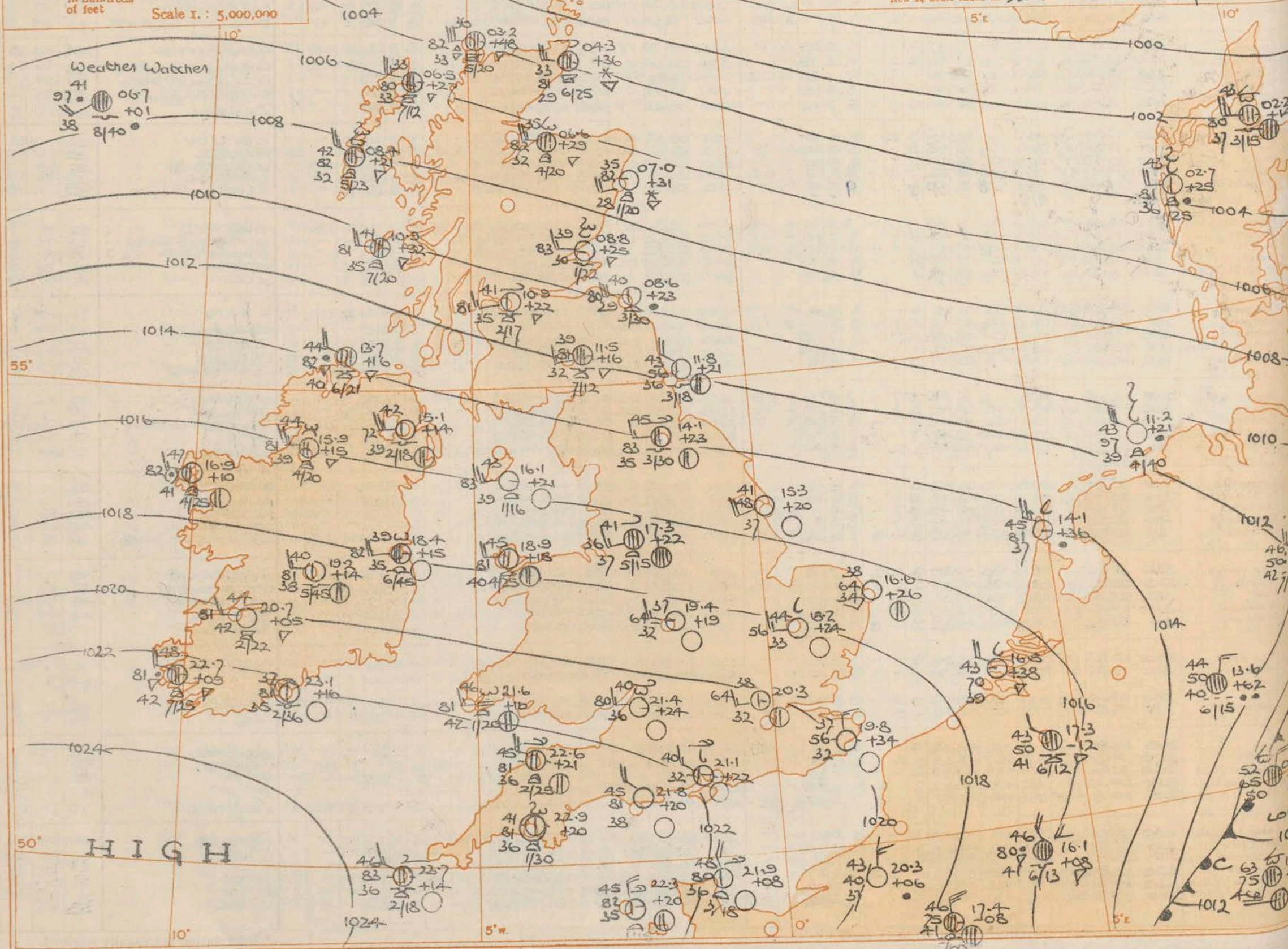
1949

## 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	cbcbcrnm	cbcbcrnm	cbcbcrnm	62	39	27	7	0.6	2.9		
London Airport	cmovrrmo	cmovrrmo	cmovrrmo	62	33	28	7	-	*	92	75
Greenwich	c	cror	rrcbx	65	36	29	1	5		2.2	59
Westminster				65	37	29		28			71
Regents Park				63	38	32	3	4			78
Canalan Square	c	cr		64	38	32	6	2			61
Kensington	bcc	cr		65	37	29	3	4			93
Hampstead	bcon	or	bc	62	35	28	7	0.3			63

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
New 24 hours ended 6h. 22nd. 19.1 Whole of Period





# GENERAL INFERENCE

A ridge of high pressure covers the British Isles and a frontal system, associated with a depression southwest of Iceland, is moving rapidly east. It will be fair at first in all districts apart from some showers in the North, but rain is spreading into North Ireland and West Scotland and will extend steadily east and southeast. Rain will be only slight in the South, and is not expected to affect the London area till tomorrow morning. After the rain, fair showery conditions will return to western and northern districts.

# FURTHER OUTLOOK

Unsettled westerly type continuing.

## Gale warning:

South coasts are flying on coasts west of a line Dornoch Firth to Cardiff and on coasts of Northern Ireland.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 22<sup>nd</sup> April,  
1949

Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 0 100 200 300 400 500

## 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.** 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 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. Add one hour to get summer time.



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

Friday 22nd April. 1949

No. 31928

OBSERVATIONS at 00hr. G.M.T. 22 April.																OBSERVATIONS at 06hr. G.M.T. 22 April.																OBSERVATIONS Thursday NIGHT								
District.	STATIONS.	Height above M.S.L.	Wind.		Visibility (Code figures).	Present Weather.	Pressure.		Temp.		Cloud.						9 h	Weather.	Temperature			Rain																		
			Direction (degrees).	Speed (kts.).			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.	Total amount.	Main layer.	Lowest layer.					21 h.-00 h.	Min. °F.	Min. on Grass °F.		Min. on P. °F.																	
														Low.	Medium.	High.								0-8	0-8	Ht.	0-8	Ht.	0-8	Ht.										
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)
0	Kew	18	•	•	•	•	•	•	•	43	•	•	•	•	•	250	02	30	bc	19.3	+2.5	40	34	-	-	8	3	0	0	-	-	1	cmobcmoxbc	39	27	0.6				
1	London Airport	82	330	07	80	b	14.7	+3.3	42	33	•	•	•	•	•	270	06	81	bc	20.1	+2.6	35	33	-	-	4	6	1	0	-	-	1	cmobcmoxbc	33	28	•				
	Lympne	341	360	14	24	o	12.5	+3.4	43	38	5	•	•	•	•	340	10	36	b	19.8	+3.4	37	32	-	-	0	0	0	0	-	-	1	cmobcmoxbc	35	29	5				
	Tangmere	63	360	10	64	o	14.8	+4.3	43	35	•	•	•	•	•	260	04	64	bc	20.6	+1.9	34	33	-	-	4	6	0	0	-	-	0	cmobcmoxbc	32	30	•				
	Calshot	8	340	17	81	b	16.0	+4.1	45	38	•	•	•	•	•	310	09	82	b	21.1	+2.2	40	35	-	-	4	2	0	0	-	-	0	cmobcmoxbc	38	33	•				
2	Boscombe Down	414	300	08	64	b	16.5	+3.3	39	34	•	•	•	•	•	250	04	80	b	21.1	+2.0	35	32	-	-	7	1	2	2	-	-	1	cmobcmoxbc	34	26	Tr				
	Felixstowe	10	340	18	48	2	12.3	+3.9	45	37	•	•	•	•	•	300	13	56	b	18.1	+2.9	41	35	-	-	•	•	0	0	-	-	1	cmobcmoxbc	41	32	0.3				
	Gorleston	5	310	13	80	b	11.4	+2.8	46	38	•	•	•	•	•	250	05	64	b	16.6	+2.6	38	34	-	-	•	•	0	0	-	-	1	cmobcmoxbc	37	32	•				
	West Raynham	250	310	16	56	b	11.9	+2.5	41	33	•	•	•	•	•	260	14	32	b	16.8	+2.3	36	33	-	-	•	•	0	0	-	-	0	cmobcmoxbc	35	29	•				
3	Mildenhall	15	310	07	56	b	13.1	+3.1	40	34	•	•	•	•	•	250	08	56	b	18.2	+2.4	37	33	-	-	4	•	1	1	-	-	1	cmobcmoxbc	35	27	•				
	Cranfield	340	310	02	80	b	14.2	+2.8	39	32	•	•	•	•	•	270	06	82	b	18.5	+1.9	36	31	-	-	3	•	1	1	-	-	0	cmobcmoxbc	33	29	•				
	Honiley	427	330	06	48	b	15.5	+2.9	39	32	•	•	•	•	•	310	08	64	b	19.4	+1.9	37	32	-	-	5	•	1	0	-	-	1	cmobcmoxbc	34	28	•				
	Wittering	236	310	12	32	b	13.6	+2.4	38	31	•	•	•	•	•	280	11	80	b	18.5	+2.6	39	33	-	-	4	•	1	1	-	-	1	cmobcmoxbc	33	29	•				
4	Watnall	366	270	03	48	b	13.7	-2.2	38	31	•	•	•	•	•	220	08	40	z	17.5	+2.1	39	33	-	-	9	6	4	28	-	-	1	cmobcmoxbc	35	32	•				
	Little Rissington	740	310	09	81	b	15.4	+3.0	38	30	•	•	•	•	•	290	11	82	z	20.1	+2.0	37	32	-	-	1	0	0	-	-	1	cmobcmoxbc	35	30	•					
	Ross-on-Wye	223	200	05	81	b	15.3	+1.8	37	29	•	•	•	•	•	250	04	81	b	20.4	+2.5	43	33	-	-	1	0	0	-	-	1	cmobcmoxbc	38	*	•					
	Shawbury	235	200	05	80	b	17.1	+3.5	36	33	•	•	•	•	•	250	08	82	b	18.7	+2.2	41	34	-	-	5	4	9	1	1	40	-	-	0	cmobcmoxbc	35	26	Tr		
5	Bristol	209	290	03	80	b	17.1	+3.5	36	33	•	•	•	•	•	270	10	80	b	21.4	+2.4	40	36	-	-	3	4	1	1	84	-	-	1	cmobcmoxbc	35	25	•			
	Exeter	100	330	05	81	b	18.1	+3.6	39	35	•	•	•	•	•	•	0	82	b	22.6	+2.3	38	35	-	-	2	4	2	1	18	-	-	1	cmobcmoxbc	35	21	*			
	Portland Bill	32	350	13	81	b	17.3	+4.2	45	35	•	•	•	•	•	310	13	81	bc	21.8	+2.0	45	38	-	-	5	9	3	80	-	-	0	cmobcmoxbc	44	*	*				
	Plymouth	90	310	01	81	b	19.4	+3.7	43	36	•	•	•	•	•	•	0	81	b	22.9	+2.0	41	36	-	-	9	2	1	-	1	30	0	cmobcmoxbc	37	30	*				
6	Chivenor	20	310	09	82	b	18.5	+2.6	40	36	•	•	•	•	•	290	14	81	bc	22.6	+2.1	45	36	-	-	2	2	2	25	-	-	0	cmobcmoxbc	40	35	*				
	St. Eval	386	340	18	82	bc	20.2	+3.4	46	34	•	•	•	•	•	310	08	81	bc	23.6	+1.8	44	39	-	-	8	4	2	20	-	-	0	cmobcmoxbc	43	39	Tr				
	Lizard	240	330	05	80	b	19.5	+4.5	43	36	•	•	•	•	•	310	03	80	bc	22.9	+1.5	40	38	-	-	1	1	1	20	-	-	0	cmobcmoxbc	39	*	*				
	Scilly, St. Mary's	183	340	22	83	b	20.1	+2.9	47	35	•	•	•	•	•	310	11	83	bc	23.7	+1.4	46	36	-	-	5	4	2	18	-	-	1	cmobcmoxbc	45	*	*				
7	Guernsey	340	350	28	82	b	17.5	+3.8	46	32	•	•	•	•	•	350	16	82	bc	22.3	+2.0	45	35	-	-	2	3	1	15	-	-	1	cmobcmoxbc	44	38	•				
	Aberporth	375	300	13	80	b	17.4	+1.9	45	35	•	•	•	•	•	260	13	81	bc	20.9	+2.1	43	40	-	-	3	3	2	09	-	-	0	cmobcmoxbc	41	36	•				
	Pembroke	142	340	20	81	b	18.3	+2.3	46	39	•	•	•	•	•	310	18	81	b	21.6	+1.6	46	42	-	-	1	2	2	30	-	-	0	cmobcmoxbc	45	*	•				
	Holyhead (Valley)	32	290	18	81	b	15.3	+1.6	44	35	•	•	•	•	•	270	16	81	bc	18.9	+1.8	45	40	-	-	1	4	4	25	-	-	1	cmobcmoxbc	43	*	•				
8	Manchester	230	250	06	48	b	13.9	+1.2	39	34	•	•	•	•	•	230	09	36	c	17.3	+2.2	41	37	-	-	1	6	5	15	-	-	1	cmobcmoxbc	38	32	•				
	Squires Gate	33	280	22	81	b	12.8	+0.4	46	34	2	•	•	•	•	270	28	81	b	16.2	+2.0	45	40	-	-	4	4	2	25	-	-	1	cmobcmoxbc	45	40	•				
	Silloth	25	270	22	82	b	10.4	+0.8	43	38	5	•	•	•	•	270	13	81	c/pr	13.2	+2.4	44	40	-	-	6	4	6	20	-	-	1	cmobcmoxbc	42	37	•				
	Finningley	52	250	09	40	2	12.5	+2.2	37	31	•	•	•	•	•	250	08	28	z	16.3	+0.0	42	35	-	-	•	•	6	6	18	-	-	0	cmobcmoxbc	36	27	•			
9	Spurn Head	29	280	12	64	b	11.4	+2.5	43	37	•	•	•	•	•	250	16	48	b	15.3	+2.0	41	37	-	-	•	•	0	0	-	-	1	cmobcmoxbc	41	*	•				
	Leeming	106	220	02	83	b	11.0	+0.9	39	30	•	•	•	•	•	280	10	83	bc	14.1	+2.3	45	35	-	-	2	4	3	30	-	-	1	cmobcmoxbc	38	36	•				
	Tynemouth	108	310	17	56	bc	08.9	+0.8	43	33	6	•	•	•	•	290	14	56	bc	11.8	+2.1	43	36	-	-	3	3	18	-	-	1	cmobcmoxbc	41	36	Tr					
	St. Abb's Head	280	230	24	80	b	05.3	+0.4	39	31	1	•	•	•	•	270	24	80	bc	08.6	+2.3	40	29	-	-	•	•	6	0	30	-	-	1	cmobcmoxbc	34	*	Tr			
10	Leuchars	36	240	24	82	b	04.6	-0.4	39	33	•	•	•	•	•	280	11	83	b	08.8	+2.8	39	30	-	-	4	9	2	1	22	-	-	1	cmobcmoxbc	37	33	Tr			
	Eskdalemuir	794	260	21	80	bc	09.1	+0.3	42	30	9	•	•	•	•	260	12	81	c	11.5	+1.6	39	32	-	-	•	•	2	1	12	-	-	1	cmobcmoxbc	36	33	•			
	Prestwick	30	260	21	80	bc	09.1	+0.3	42	30	9	•	•	•	•	310	14	81	bc/pr	12.3	+2.7	43	37	-	-	4	3	5	18	-	-	1	cmobcmoxbc	36	37	1.2				
	West Freugh	52	270	20	64	b	11.0	+0.4	42	36	•	•	•	•	•	270	19																							

\* Rainfall read at 06.00.

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

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\* Information not usually received.



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

Saturday 23rd April 1949

No. 31929

OBSERVATIONS at 12h. G.M.T. 22nd April

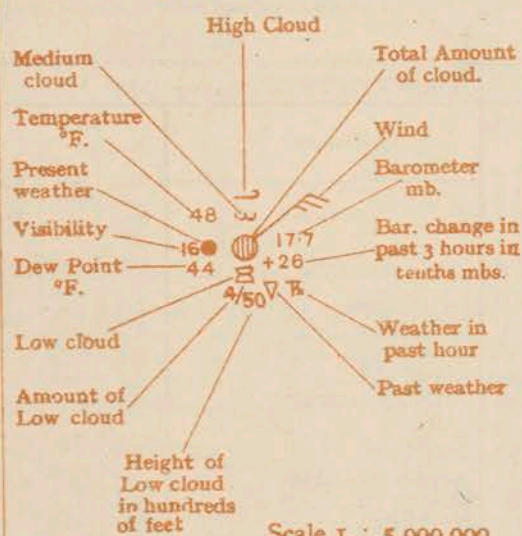
OBSERVATIONS at 18h. G.M.T. 22nd April

OBSERVATIONS during DAY 22nd

District.	STATIONS. (For heights see p. 4)	Wind.		Pressure.	Temp.	Cloud.						Wind.	Temp.		Cloud.						21 h. State of ground	Weather.  09 to 21 h. (34)	Max Temp. 09h-21h. °F (35)	Sun- shine. 21h. mins. (36)	Rain 09h-21h. inches. (37)												
		Direction (degrees).	Speed (kts.).			Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Form.		Main layer.	Lowest layer.																							
															Total amount.	0-8	8-16	Total amount.	0-8	8-16																	
																										0-8	8-16	0-8	8-16								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	
0	Kew	290	10 81	bc	23.6	+14	53	38	1	-	1	4	4	18	-	-	280	08 30	c	23.9	-04	56	37	5	3	6	7	1	25	-	-	0	bccybc	58	11.5	-	
1	London Airport	280	12 81	bc	23.9	+18	55	41	1	-	1	3	3	25	-	-	280	10 81	c	24.2	+03	52	42	5	-	2	6	8	25	-	-	1	bccybc	57	*	-	
	Lymington	290	09 81	bc	23.4	+15	58	35	1	-	2	4	1	-	-	-	260	12 71	c	24.2	+08	53	42	5	-	2	7	5	-	-	-	1	bccybc	61	10.9	-	
	Tangmere	310	07 82	bc	24.4	+13	57	37	1	-	1	3	2	28	-	-	290	13 81	c	24.4	+01	53	45	4	-	-	7	6	30	-	-	0	bccybc	60	10.7	-	
	Calshot	300	07 82	bc	24.5	+13	57	39	1	-	-	4	4	15	-	-	270	07 81	bc	24.8	+03	55	45	4	-	2	5	1	20	-	-	0	bccybc	59	6.4	-	
2	Boscombe Down	260	14 81	c	24.0	+10	55	42	1	-	9	7	3	25	-	-	250	09 81	bc	24.2	+01	53	40	1	-	2	5	2	25	-	-	0	bccybc	56	12.7	-	
	Felixstowe	300	12 82	bc	22.3	+22	57	42	1	7	-	4	3	35	-	-	300	08 81	c	23.1	+04	56	39	1	3	2	7	1	30	-	-	1	bccybc	60	10.7	-	
	Gorleston	290	15 64	bc	20.4	+21	53	38	1	7	5	3	2	30	-	-	270	09 80	bc/r	22.1	+06	55	35	2	4	-	4	3	30	-	-	0	bccybc	58	8.2	-	
	West Raynham	280	14 81	bc	20.8	+15	52	37	2	-	1	4	4	30	-	-	260	13 81	c	21.7	+02	52	38	5	7	-	7	7	-	3	30	0	bccybc	56	10.2	-	
3	Mildenhall	290	12 82	c	22.0	+14	54	40	1	3	-	6	6	23	-	-	250	04 81	c	22.8	+04	54	41	5	7	-	7	7	-	6	50	1	bccybc	57	9.3	-	
	Cranfield	280	10 81	c	23.2	+12	53	38	2	-	2	7	6	25	-	-	280	09 81	c	22.8	-01	53	39	8	-	8	7	3	45	1	25	0	bccybc	55	8.0	-	
	Honiley	280	10 80	c	22.5	+06	53	35	8	-	-	7	7	25	-	-	270	08 81	c	23.1	+01	53	35	5	-	6	7	1	30	-	-	1	bccybc	56	7.1	-	
	Wittering	270	13 64	c	22.5	+16	52	41	2	3	9	6	5	25	-	-	270	12 64	c	22.7	+02	52	40	8	7	8	7	4	-	3	30	0	bccybc	56	8.4	-	
4	Watnall	270	15 80	c	21.2	+04	53	36	8	-	8	7	5	30	3	20	250	08 40	c	21.9	+05	51	38	5	3	8	7	5	83	3	25	0	bccybc	55	4.8	-	
	Little Rissington	270	18 82	c	23.2	+10	51	36	1	-	6	7	6	25	-	-	270	09 81	o	23.5	+06	51	40	5	-	7	8	5	30	-	-	0	bccybc	53	5.2	-	
	Ross-on-Wye	280	12 81	bc	22.3	+07	55	37	4	-	8	4	4	30	-	-	270	10 81	bc	23.6	-02	56	36	5	-	2	3	1	30	-	-	0	bccybc	57	10.2	-	
	Shawbury	240	22 81	c	22.0	+15	55	37	8	-	-	6	6	25	-	-	260	15 81	bc	22.9	-01	52	39	5	3	5	2	30	-	-	0	bccybc	58	8.9	-		
5	Bristol	230	15 80	c	24.5	+14	52	44	2	-	-	7	7	22	-	-	250	17 80	b	24.8	-01	50	43	-	-	1	1	-	-	-	-	-	1	bccybc	56	12.3	-
	Exeter	340	13 82	c	23.7	+17	53	43	2	-	2	6	3	25	-	-	310	13 82	bc	23.8	+02	53	42	1	-	2	4	4	25	-	-	0	bccybc	57	12.6	-	
	Portland Bill	250	09 81	c	25.7	+14	51	41	1	-	9	6	2	30	-	-	250	13 81	c	25.7	-00	51	45	1	-	9	6	3	30	-	-	1	bccybc	52	*	-	
	Plymouth	340	08 81	c	26.3	+14	53	39	1	-	5	6	6	20	-	-	290	10 81	bc	26.4	+03	53	41	1	-	-	4	4	25	-	-	0	bccybc	56	11.3	-	
6	Chivenor	280	17 82	bc	26.1	+18	53	44	2	-	-	4	4	20	-	-	270	12 82	b	26.0	+05	52	44	1	-	-	1	1	25	-	-	1	bccybc	55	13.2	-	
	St. Eval	270	10 82	bc	27.3	+18	52	46	2	-	1	3	3	23	-	-	260	08 82	bc	27.4	-01	51	45	2	-	-	3	3	25	-	-	1	bccybc	53	11.7	-	
	Lizard	300	10 81	bc	26.6	+16	53	42	1	-	5	4	3	25	-	-	290	06 81	bc	27.1	+04	52	44	1	-	6	3	1	25	-	-	0	bccybc	55	12.8	-	
	Silly, St. Mary's	290	13 82	bc	27.6	+13	55	45	8	-	1	4	3	18	-	-	270	10 81	b	27.2	+04	54	45	1	-	-	2	2	18	-	-	1	bccybc	57	13.0	-	
7	Guernsey	270	17 81	bc	24.0	+12	51	42	1	3	-	3	1	-	2	18	320	10 82	bc	27.0	-03	50	43	-	-	2	3	-	-	-	-	1	bccybc	53	-	-	
	Aberporth	270	18 81	b	24.9	+13	50	44	2	7	-	2	2	30	-	-	240	13 81	c	23.8	-02	51	43	8	7	-	6	4	30	3	20	0	bccybc	53	12.4	-	
	Pembroke	300	18 81	b	24.9	+13	50	44	2	7	-	2	2	30	-	-	270	14 81	b	24.8	-04	50	46	1	-	-	1	1	53	-	-	0	bccybc	51	12.7	-	
	Holyhead (Valley)	250	18 81	c	21.9	+06	52	44	1	3	-	6	6	-	1	20	220	17 80	c	22.0	-01	50	46	8	7	-	6	3	22	-	-	0	bccybc	53	6.6	-	
8	Manchester	280	15 81	c	20.7	+13	51	38	2	-	1	6	6	30	-	-	250	14 81	c/r	21.8	+00	52	39	5	-	7	6	3	22	-	-	1	bccybc	53	5.3	Tr	
	Squires Gate...	260	21 81	b	20.8	+22	52	44	8	4	-	2	1	25	-	-	240	22 80	b	20.9	-04	50	46	5	7	-	6	5	35	3	25	1	bccybc	54	6.4	-	
	Silloth	260	14 81	c	17.6	+19	49	45	8	3	-	2	2	28	-	-	230	15 48	r/r	17.3	-03	49	47	5	7	-	7	5	25	-	-	0	bccybc	51	8.7	-	
	Fanningley	270	18 48	c	20.0	+15	54	37	2	6	-	7	4	25	-	-	270	07 28	c	21.0	+03	53	37	4	7	-	7	5	20	-	-	0	bccybc	58	6.9	-	
9	Spurn Head	290	20 48	c	19.1	+19	51	37	7	4	-	7	7	20	-	-	280	12 48	b	20.3	+01	52	43	5	-	-	4	4	20	-	-	0	bccybc	54	6.3	-	
	Leeming	260	17 81	c	18.7	+21	53	39	8	-	2	7	6	20	-	-	250	15 81	c	19.7	+02	51	40	1	3	-	6	2	25	-	-	0	bccybc				



# STATION MODEL



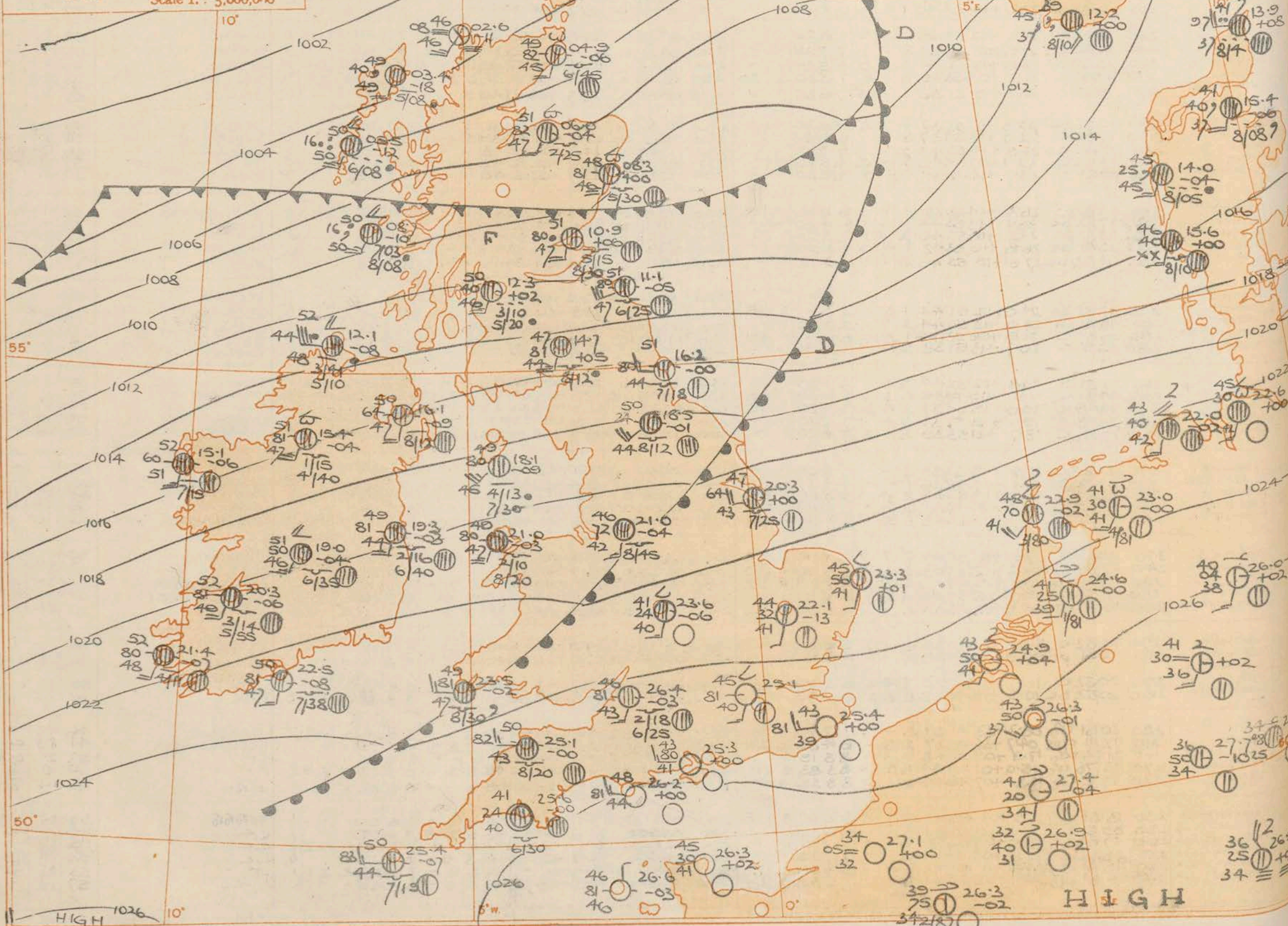
6h Saturday 23rd April 1949

## 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.	Min. on grass	Day	Night		Yest.	To-day
Kew ...	bacybmo	bmbw		58	43	35	-	-	1.5		
Croydon ...	bbcyycbce	bacybc		57	41	33	-	-	X	52	70
Greenwich ...	by	cby		59	41	33	-	-	8.8	48	62
Westminster				60	43	36	-	-		49	69
Regents Park				59	43	40	-	-		49	70
Camden Square	b	c		61	43	41	-	-			68
Kensington ...	bc	bc		60	42	34	-	-		47	65
Hampstead ...											

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 23rd Max. 0.1 Min. 0.05. Time 10.1 rest of period





# GENERAL INFERENCE

Weather will remain fair in the Southeast with some good breaks in the cloud. It will be mainly cloudy in most other districts of the British Isles with slight rain or drizzle in the North particularly in western coastal areas. There may be some fair periods and showers in Scotland later.

# FURTHER OUTLOOK

Probably remaining fair and dry in the South. Mainly cloudy elsewhere with some rain or drizzle in the North, but with some fair periods.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 23<sup>rd</sup> April,  
1949

Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Scale in Miles 0 2 4 6 8 10

### 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. ○ Sky 5/8 to 7/8 clouded. ○ Overcast sky. ○ Sky obscured. ○ Rain falling. \* Snow.  
☁ Mist. ☁ Thunder. ☁ Thunderstorm.  
☁ Fog. ☁ Hail. ☁ Sleet. ☁ Ice.  
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. Add one hour to get summer time.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 23<sup>rd</sup> April, 1949

No. 31929

[illegible]

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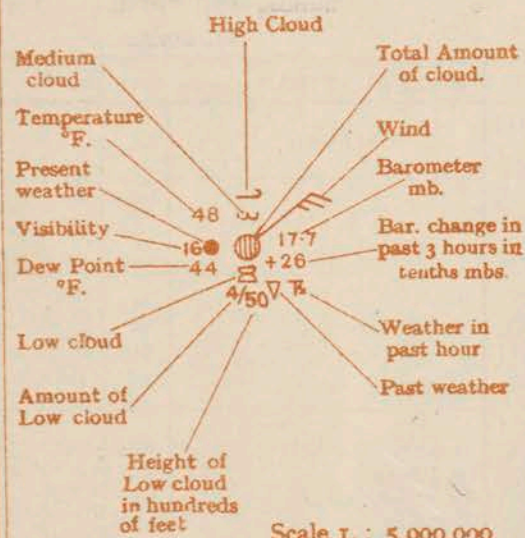


BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Sunday, 24th April, 1949  
No. 31930

OBSERVATIONS at 12h. G.M.T. 23rd April.																	OBSERVATIONS at 18h. G.M.T. 23rd April.																	OBSERVATIONS during DAY (23rd)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Direction.	STATIONS. (For heights see p. 4)	Wind.		Precip. Weather.	Pressure.		Temp.		Cloud.							21h.	Weather.	Max Temp. 21h. °F. (35)	Sun- shine. 21h. min. (36)	Rain 21h. mm. (37)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Direction (degrees).	Speed (kts.).		mb.	Change in 3 hrs.	°F. Dry Bulb.	°F. Wet Bulb.	Low.	Medium.	High.	Total amount.	Main layer.	Ht. ft.	0-8 0-8						0-8 0-8	Ht. ft.	Lowest layer.	Ht. ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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## STATION MODEL



6h

Sunday 24<sup>th</sup> April

1949

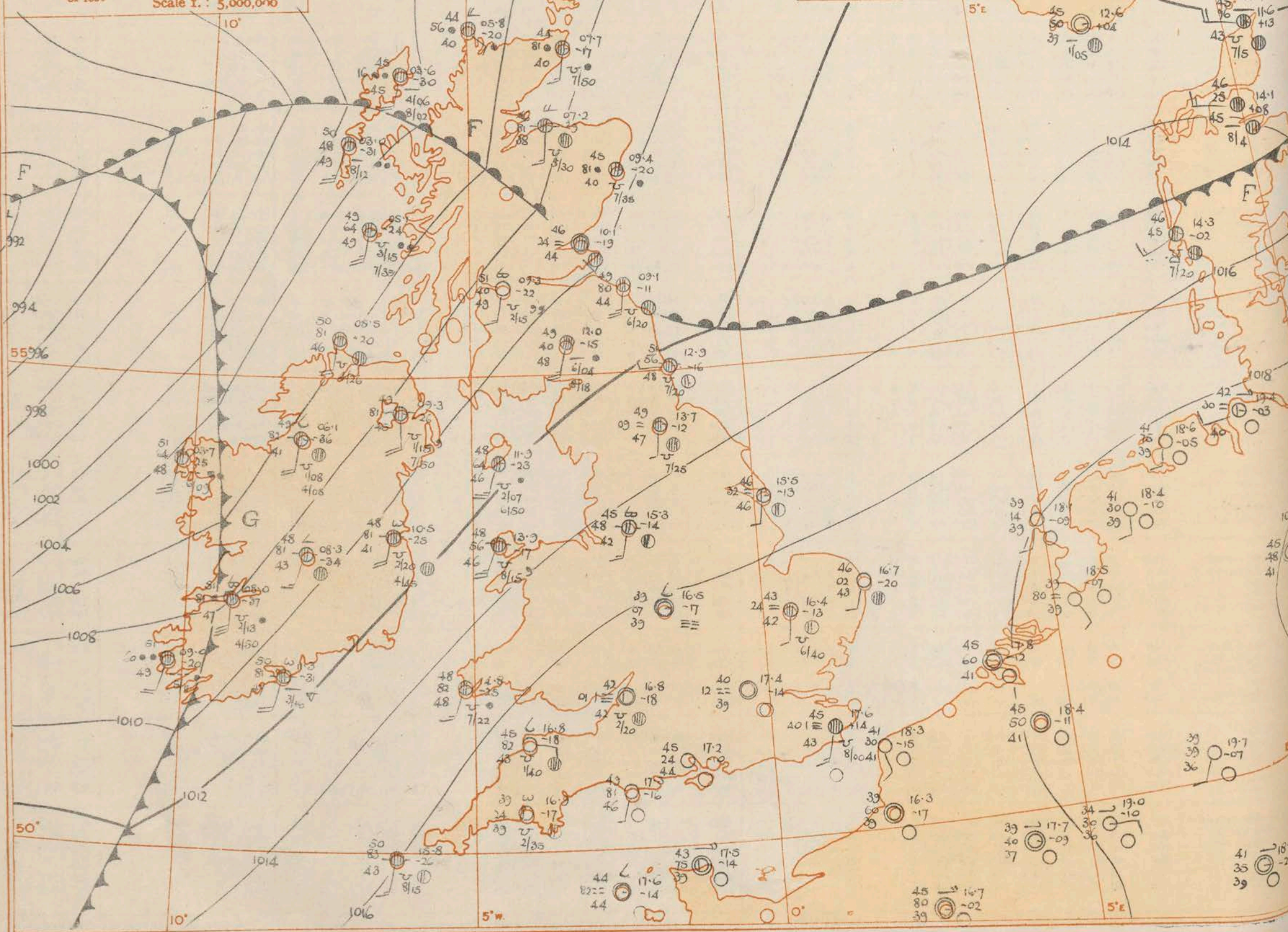
## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset		Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	hrs.	Yesterday	Today
Kew ...	bc		bnmox	61	39	28	-	TR	13.1			
London Airport	bc byc		bnmox	61	40	32	-	-	*	32	65	
Greenwich ...	by	by	b	65	38	29	-	-	13.0	44	60	
Westminster				64	42	33	-	-		50	64	
Regents Park												
Camden Square	b	b		63	44	35	-	-			64	
Kensington ...	bc	bc		65	41	32	-	-		51	59	
Hampstead ...	bc	b	b	61	44	37	-	-			65	

Atmospheric Pollution Milligrams of solid impurity per cubic metre

Kew 24 hours ended 6h. 24h Max. 0.1 Time 23rd Min. 0.01 Time 23rd





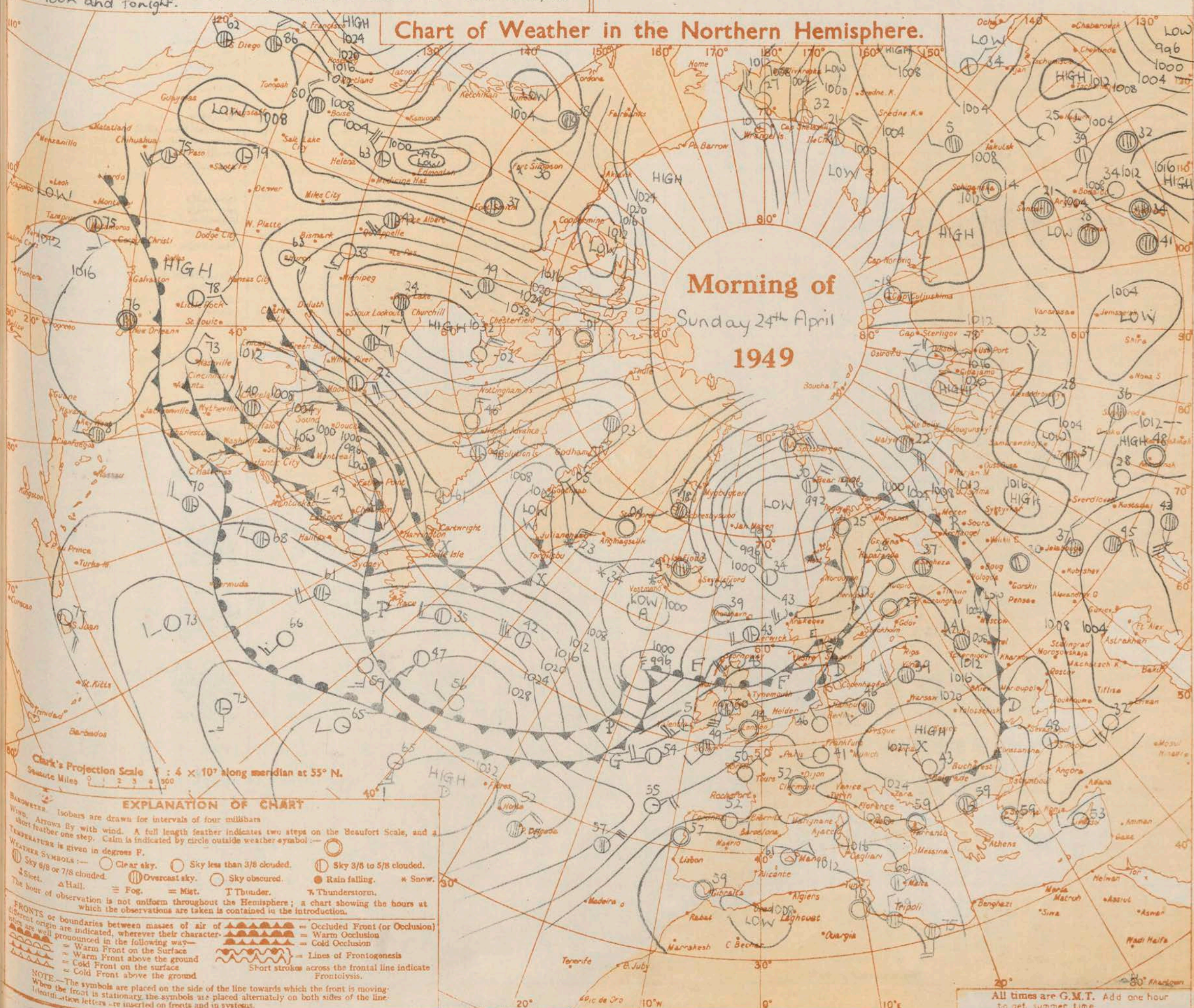
94.9  
8  
humidity  
To day  
65  
60  
64  
64  
59  
65  
11.6  
+1.3  
14.1  
0.8  
0.18  
0.3  
45  
48  
41  
10.2  
-2.2

**GENERAL INFERENCE**  
A cold trough now affecting western districts of the British Isles is expected to become rather slow moving in its southern part, but will continue to move steadily eastwards across Northern districts. In the southeast part of England weather will remain fair or fine today and tonight, but will probably become cloudy tomorrow morning with some rain. Further north it will be mainly cloudy today with some rain, but showery conditions with some fair periods will spread eastwards during the period. Some hail showers with strong to gale westerly winds are expected in West Scotland and North Ireland this afternoon and tonight.

**FURTHER OUTLOOK**  
Showery with fair periods in the north. Becoming fair or fine again in the south after the cloud and rain associated with the trough have passed away eastwards.  
Gale Warning.  
North coasts are flying on coasts north of a line Killarney - Belfast - Portpatrick - Dornoch Firth.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 24<sup>th</sup> April  
1949



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Scale in 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 6/8 or 7/8 clouded.	☁ Overcast sky.	☁ Sky obscured.	☁ Rain falling.
☁ Sleet.	☁ Hail.	☁ Fog.	☁ Thunder.
☁ Snow.	☁ Thunderstorm.	☁ Thunder.	☁ Snow.

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	— Cold Front on the Surface	— Occluded Front (or Occlusion)	— Warm Occlusion
— Warm Front above the ground	— Cold Front above the ground	— 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. Add one hour to get summer time.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Sunday 24<sup>th</sup> April 1949  
No. 31930OBSERVATIONS at 00hr. G.M.T. 24<sup>th</sup> AprilOBSERVATIONS at 06hr. G.M.T. 24<sup>th</sup> April

OBSERVATIONS Saturday NIGHT

District.	STATIONS.	Height above M.S.L.	Wind.		Pressure.	Temp.	Cloud.						Wind.	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	Speed (kts.)	Direction (degrees).	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\* Rainfall read at 0600.

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

Monday 25th April 1949

No. 31931

OBSERVATIONS at 12h. G.M.T. 24th April

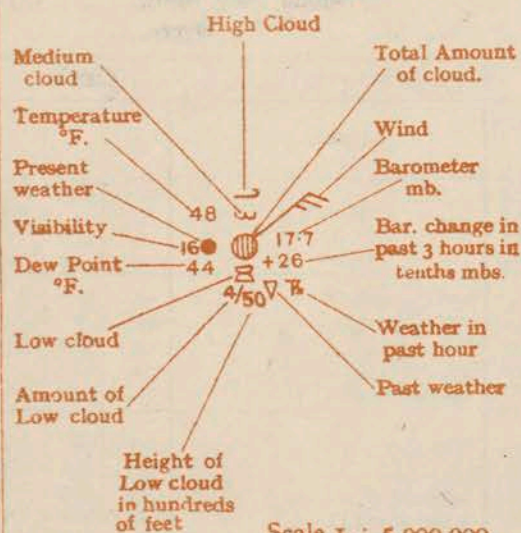
OBSERVATIONS at 18h. G.M.T. 24th April

OBSERVATIONS during DAY (24th)

Distance.	STATIONS. (For heights see p. 4)	Wind.		Present Weather.	Pressure.		Temp.		Cloud.						21 h State of ground	Weather.  09 to 21 h. (34)	Max Temp. 09h. 21h. (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.			Amount.																											
									Low.	Medium.	High.	Total amount.	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)	(34)	(35)	(36)	(37)									
0	Kew	190	08	81	b	12.4	-30	59	43	1	-	-	1	1	25	-	-	230	12	72	0	08.4	-13	59	40	5	2	-	8	1	28	-	-	1	by bcy r r r	65	10.9	3	
1	London Airport	180	10	81	b	12.6	-31	62	43	1	-	-	2	2	35	-	-	220	14	81	c	08.3	-15	61	39	1	7	-	7	7	-	1	30	1	bey d n z o r o f o m o	67	*	3	
	Lympe	200	07	81	b	13.8	-28	56	46	-	-	2	1	-	-	-	-	230	06	80	0	09.5	-16	57	43	5	3	-	8	8	83	6	40	1	bcm by cye	62	8.0	TR	
	Tangmere	190	09	80	b	13.8	-20	56	46	1	-	1	1	20	-	-	-	220	03	56	0	10.1	-10	52	46	7	2	-	8	6	12	-	-	2	b b c c r o f o m o	58	9.7	1	
	Calshot	240	08	82	b	13.4	-24	59	47	1	-	-	2	2	20	-	-	250	73	80	16	10.7	-07	52	47	6	7	-	7	6	10	-	-	1	b m o b b c c c i f a c	61	6.3	0.1	
2	Boscombe Down	200	1080	b c	14.0	-21	57	46	1	-	-	5	5	25	-	-	-	240	06	81	0	10.2	-09	53	44	6	7	7	8	2	-	3	30	0	b b c c i f	60	9.7	TR	
	Felixstowe	180	07	40	b	13.4	-25	58	47	-	-	2	1	-	-	-	-	160	09	56	c	09.1	-21	57	48	-	3	6	6	2	83	-	-	0	b z c i f a c	60	11.3	TR	
	Gorleston	180	12	40	2	14.5	-18	52	45	-	-	2	1	-	-	-	-	180	11	56	b	09.7	-12	51	45	-	2	1	1	-	-	-	0	b e m o b c o	54	12.0	TR		
	West Raynham	210	13	81	b	13.1	-23	61	45	-	-	2	1	-	-	-	-	240	06	80	c	07.9	-21	59	47	4	-	2	7	7	-	6	35	1	b z b y b c c i r z o	65	10.6	TR	
	Mildenhall	210	08	72	b	12.3	-28	63	43	1	-	1	1	30	-	-	-	230	04	56	c	07.5	-18	64	44	4	-	8	7	5	25	-	-	1	b b c c y c f o f o z o	67	9.8	TR	
3	Cranfield	230	11	81	b c	12.6	-29	59	42	1	3	-	3	1	31	3	28	250	07	81	c	09.1	-12	59	44	4	7	6	7	2	83	1	25	0	b b y b c y c	62	11.0	-	
	Honiley	230	13	81	c	12.5	-02	58	42	5	-	-	6	6	25	-	-	-	280	09	80	0	08.7	-15	53	40	5	7	-	8	4	28	-	-	1	b b c c i f a	58	7.3	TR
	Wittering	230	13	81	b c	11.8	-29	61	46	1	-	4	3	25	-	-	-	290	09	80	0	07.9	-16	57	47	5	-	8	8	2	35	-	-	0	b m o b b y c c m o	62	10.0	-	
4	Watnall	220	08	80	b c	12.3	-21	58	41	5	-	1	4	3	35	-	-	-	160	05	56	c	08.4	-15	53	42	5	7	-	7	7	83	3	20	1	b c y c r o f o z o	55	8.3	TR
	Little Risington	200	11	82	c	12.3	-26	54	42	1	-	-	6	6	25	-	-	-	290	12	82	0	08.4	-10	53	42	5	7	-	8	8	83	6	25	1	b e e y c f o f o	57	7.4	0.6
5	Ross-on-Wye	230	09	81	0	13.2	-17	53	42	5	-	-	8	8	30	-	-	-	280	05	80	0	09.4	-12	52	37	5	1	-	8	5	20	-	-	0	b c c	57	4.0	-
	Shawbury	200	15	81	c	11.8	-18	54	41	5	-	5	7	6	28	-	-	-	230	12	81	c	08.3	-14	52	40	8	3	-	7	7	30	3	20	0	c c y c	55	4.2	-
	Bristol	210	10	81	c	12.8	-19	56	46	2	3	1	7	6	22	-	-	-	280	08	80	0/r	09.7	-06	50	43	5	1	-	8	7	25	-	-	1	b e e c i r m o	58	5.3	0.1
	Exeter	180	09	82	b c	12.7	-25	58	49	2	5	5	3	25	-	-	-	250	12	81	0	09.3	-12	51	45	5	2	-	8	7	20	-	-	0	c i r c i f	59	7.2	TR	
	Portland Bill	240	02	81	b c	14.1	-17	53	46	4	4	-	4	2	30	-	-	-	250	13	81	0	10.6	-17	51	45	5	-	-	8	8	37	-	-	1	b c c a i r o	54	*	-
	Plymouth	230	08	81	c	13.6	-16	52	44	5	7	-	7	3	20	-	-	-	250	10	24	f o f o	10.7	-14	49	47	5	2	-	8	8	-	7	08	1	b c r o f o m o	53	4.7	0.6
	Chivenor	280	10	82	0	13.0	-18	53	42	5	7	-	7	3	5	-	-	-	210	09	48	f o f o	10.2	-09	49	49	5	-	-	8	8	15	3	04	1	c d o d o c r o f o	54	1.7	1
	St. Eval	130	10	82	0	14.0	-13	58	41	5	-	-	8	8	30	2	23	-	270	08	64	f o f o	12.0	-00	48	45	1	-	-	8	8	25	3	10	1	c e f o f o e p r c b c	53	0.5	2
	Lizard	220	05	80	c	13.7	-18	52	44	5	-	-	7	7	20	-	-	-	300	10	80	f o f o	11.8	+01	48	46	6	-	-	8	7	15	-	-	1	c i r r r b c	52	0.6	2
	Scilly, St. Mary's	250	16	83	0	13.0	-12	54	45	5	-	-	8	8	22	-	-	-	300	12	81	0	12.0	+06	50	43	8	-	-	8	8	17	-	-	1	c i r e b c	55	0.8	0.4
6	Guernsey	340	05	81	b c	13.8	-18	54	47	1	-	6	3	1	25	-	-	-	-	0	81	i f	11.6	-08	48	46	5	7	-	8	3	25	2	09	1	b b c c i r r f r i d o	57	8.3	1
7	Aberporth	230	14	82	0	11.3	-15	51	42	5	7	-	8	8	09	-	-	-	230	02	80	0/r	08.5	-07	45	44	6	7	-	8	8	-	3	10	1	c i r o f o m o c	52	0.0	4
8	Pembroke	230	15	82	c	11.6	-16	50	46	5	3	2	7	2	25	-	-	-	290	10	80	c	09.2	-04	47	46	1	7	-	7	7	65	-	-	0	c e i r b c	52	1.4	0.2
	Holyhead (Valley)	210	22	82	c	10.0	-14	53	46	5	3	2	7	2	25	-	-	-	230	10	82	0/r	06.4	-16	48	46	6	7	-	8	3	20	-	-	1	c r f o f o c	50	0.8	0.2
	Manchester	210	11	81	c	11.7	-19	54	43	4	-	-	7	7	25	3	20	-	230	09	81	c	07.7	-22	52	41	8	7	-	7	6	35	2	20	1	b c c i r o	55	3.6	TR
9	Squires Gate...	210	12	81	0	11.2	-19	52	45	8	-	-	8	7	28	2	20	-	210	07	64	i f	07.4	-21	50	45	5	-	-	8	8	25	3	20	1	c c i r o c c i d o c d o d o c	55	2.8	0.1
	Silloth	200	20	82																																			



## STATION MODEL



6h

Monday 25<sup>th</sup> April,

1949

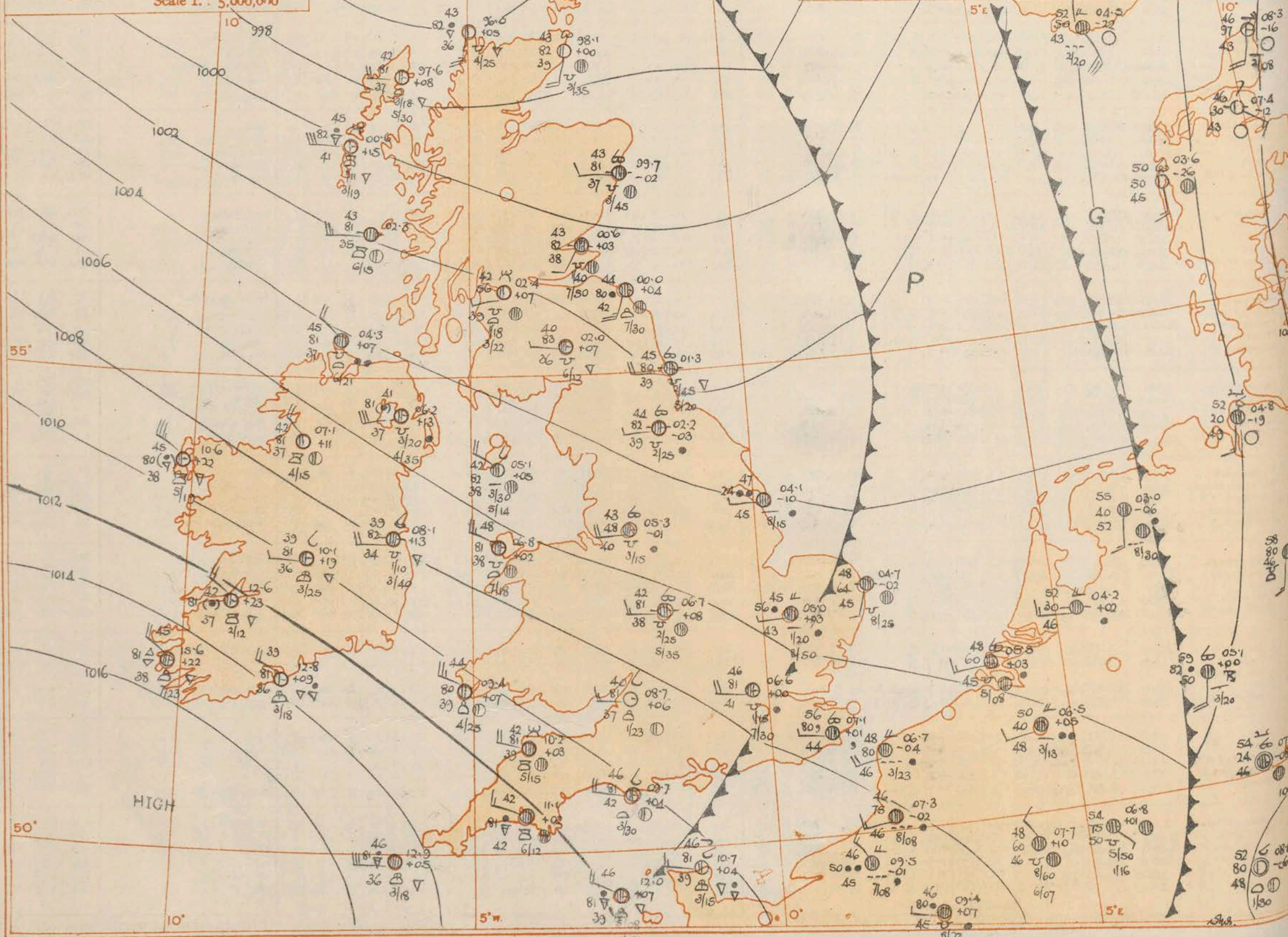
## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-18h 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 %	To-day %
Kew ...				° F.	° F.	° F.	mm.	mm.	Yesterday		
London Airport	by bcy c f o r r	c f o c	c f o c	65	46	43	3	0.5	10.9		
Greenwich ...	by o i r z o f o r m o	c f o c	c f o c	67	45	43	3	0.6	*	41	68
Westminster	by	by	c f o c	69	45	45	-	2	11.1	38	62
Regents Park				67	46	43	3			43	65
Camden Square	b	b b e r		70	46	43	-	3		41	64
Kensington ...	b c	b b c c		69	46	42	-	3		42	68
Hampstead ...	b e a r	o r	o r b c	66	43	41	2	2		*	69

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 25<sup>th</sup> Max. 40.1 Time whole of period.

Max 0.1  
Min 0.1





# GENERAL INFERENCE

A depression centred near the Faroes is moving northeastwards with a ridge of high pressure following it. A northwesterly air stream will give bright periods and showers in all areas of the British Isles with local hail and perhaps thunder. Snow showers will occur on high ground in the north. Showers will die out in Southern districts during tonight and in western districts later tonight and tomorrow morning. Temperatures will be about normal for the time of year or a little below; ground frost may occur late tonight in some southern districts and in sheltered areas further north.

# FURTHER OUTLOOK

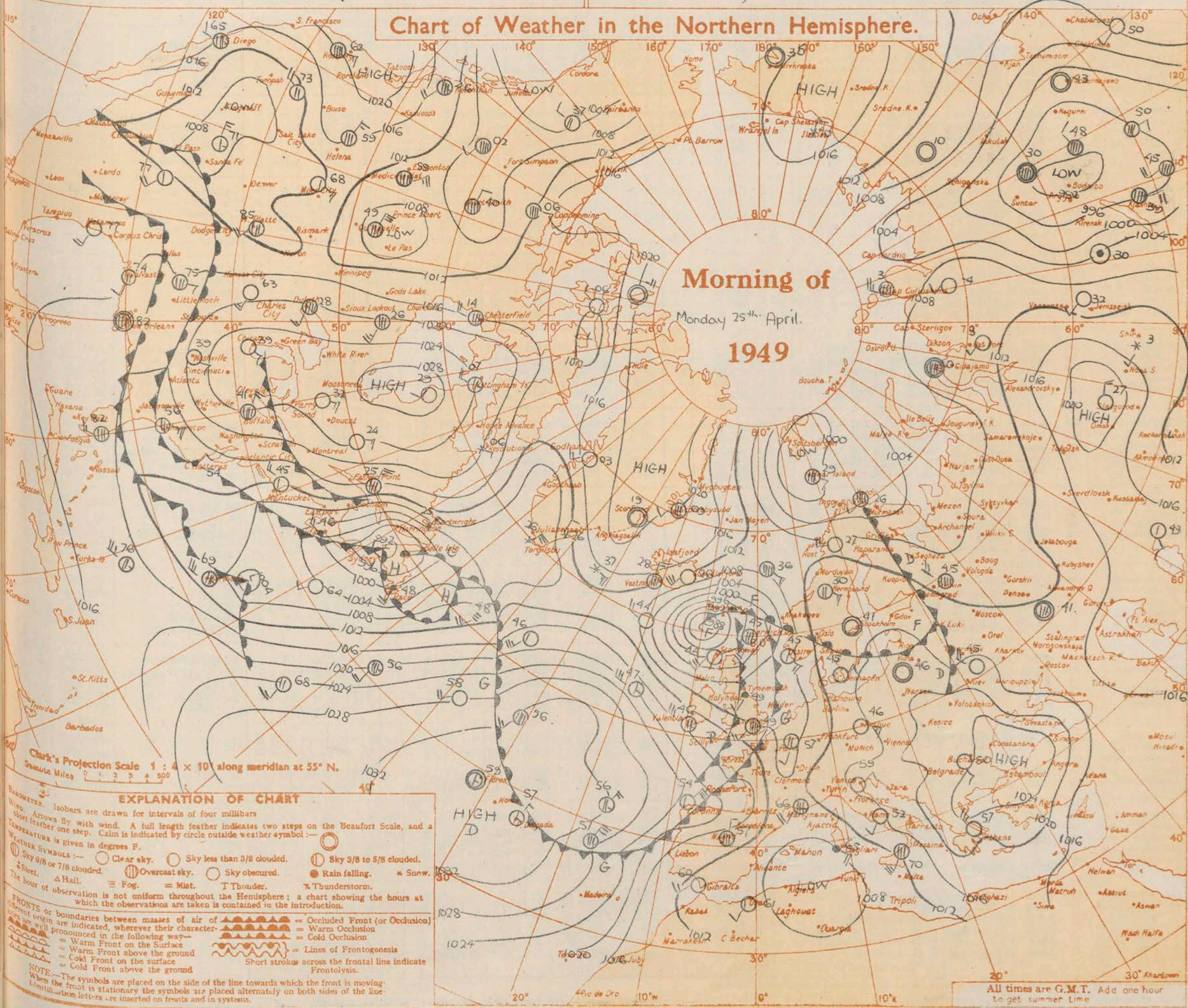
Cloudy conditions with occasional rain soon spreading to Ireland and thence to Scotland and extreme northern England, but remaining fair further south.

# Gale Warning

North cones are hoisted on Scottish coasts from Dornock Firth to Solway Firth, on Western coasts from Solway Firth to Bristol Channel and on North Irish coasts from Killary to Howth.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 25<sup>th</sup> April.  
1949





OBSERVATIONS *Synclava* NIGHT

\* Information not usually received.

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.

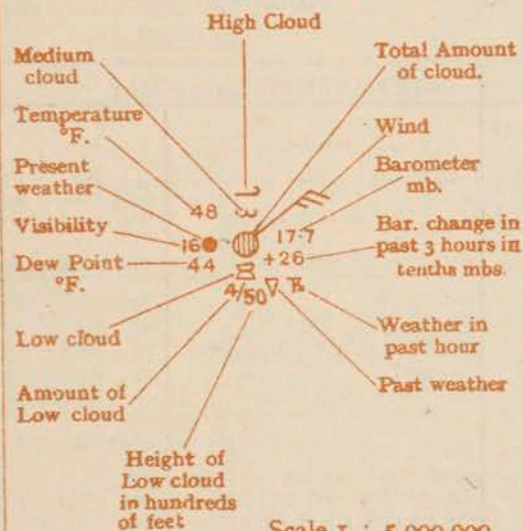


BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Tuesday, 26<sup>th</sup> April, 1949  
No. 31932

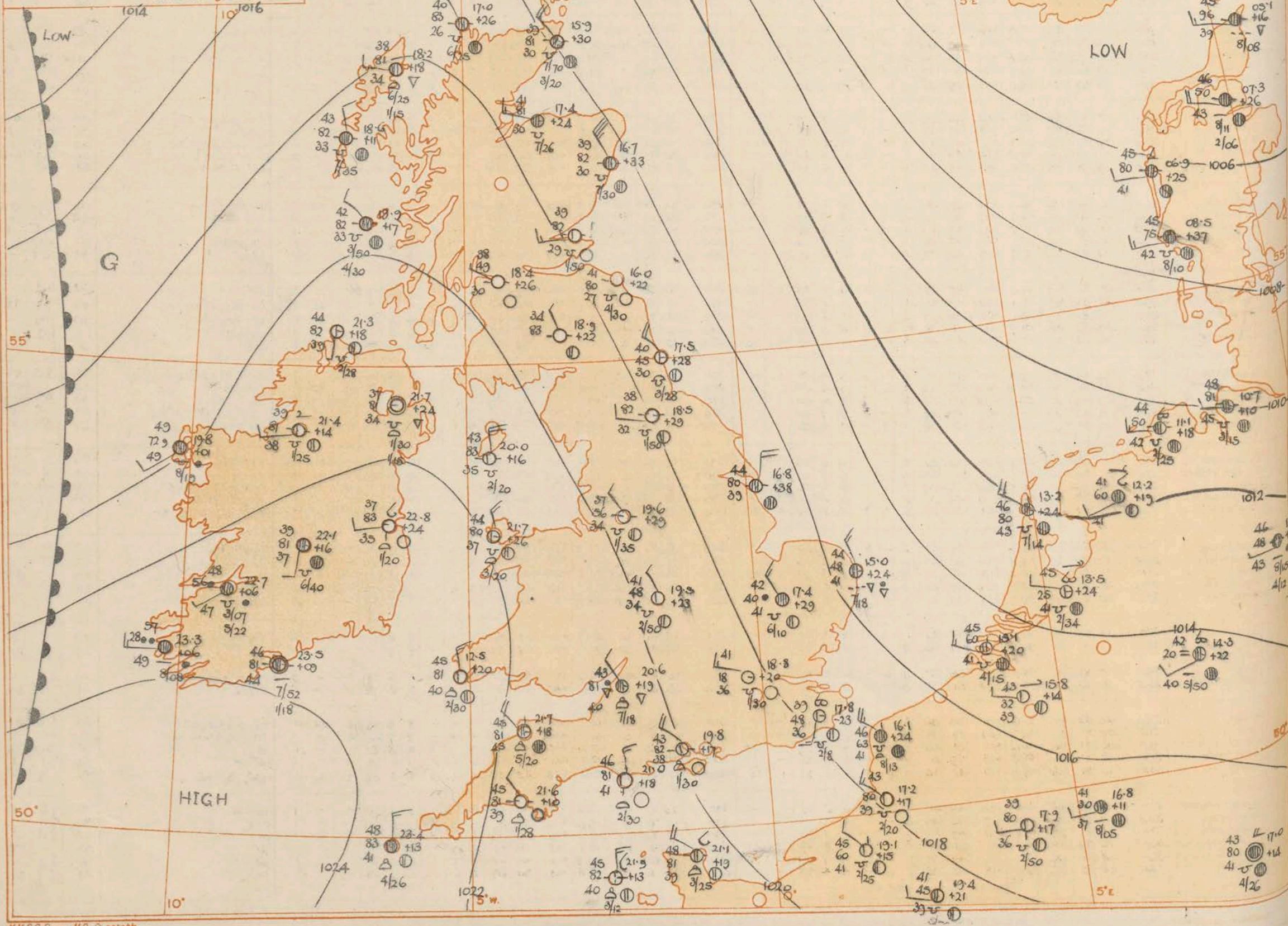
OBSERVATIONS at 12h. G.M.T. 25 <sup>th</sup> April.																OBSERVATIONS at 18h. G.M.T. 25 <sup>th</sup> April.																OBSERVATIONS during DAY (25 <sup>th</sup> )											
Dist.	STATIONS. (For heights see p. 4)	Wind.		Visiblity (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						Wind. (degrees)	Speed (kts.)	Visiblity (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						24 h. State of ground	Weather.  09 to 21 h.	Max Temp. 09h. 21h. °F	Sun- shine. 09h. 21h. min.	Rain 09h. 21h. mm.									
		Direction (degrees)	Speed (kts.)			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb. °F.	Dew point °F.	Low.	Medium.	High.	Total amount.	Main layer.	Ht. ft.					0-8 0-8	0-8 0-8	Ht. ft.	0-8 0-8	Ht. ft.	Direction (degrees)	Speed (kts.)	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb. °F.						Dew point °F.	Low.	Medium.	High.	Total amount.	Main layer.	Ht. ft.	0-8 0-8	Ht. ft.
0	Kew ...	280	11	81	c	1013	+07	52	31	2	-	-	7	7	25	-	-	280	11	46	bc/pr	11.8	+15	50	37	3	-	3	4	3	25	-	-	1	cybc, prob	54	9.5	0.2					
1	London Airport	260	14	81	c	1014	+08	52	31	2	-	-	6	6	30	-	-	270	13	72	b/pr	11.7	+17	48	42	9	6	-	2	2	20	-	-	1	beyr, hpr, h, jpb	55	9	0.2					
	Lympe ...	290	13	81	jp	1014	+09	49	45	9	-	3	7	6	20	-	-	280	09	81	bc	11.0	+17	48	38	2	6	3	3	1	25	-	-	1	ccpr, cybc, pr, bc, bc, pr	57	6.4	0.2					
	Tangmere ...	290	12	82	bc	1018	+09	54	33	2	-	3	4	4	30	-	-	310	11	82	bc	12.4	+14	31	38	3	6	3	4	3	30	-	-	0	cypr, bc, b	55	10.5	0.3					
	Calshot ...	310	14	82	c	1012	+07	52	36	9	-	3	6	5	15	-	-	320	20	81	bc	12.3	+19	52	33	9	-	3	4	4	25	-	-	0	bc, cprh, bc, b	53	10.4	4					
2	Boscombe Down	270	16	40	s/lt	1019	+14	44	40	9	-	-	7	7	28	6	10	260	12	80	bc	13.3	+13	50	37	2	-	3	4	4	20	-	-	1	bce	53	8.9	1					
	Felixstowe ...	300	09	80	c/ph	1013	+15	52	42	3	-	-	6	6	20	-	-	330	17	80	b	10.1	+20	52	36	3	6	-	2	2	30	-	-	1	ccpr, bc, bc, bc	58	6.6	1					
	Gorleston ...	290	09	72	pr	1013	+11	48	41	3	-	-	6	6	20	-	-	270	10	72	b	08.7	+21	50	36	3	4	-	2	1	25	-	-	2	ad, cpr, bc, cpr, or	56	4.4	5					
	West Raynham	270	15	64	c/pr	1011	+09	48	41	8	-	3	7	7	30	4	20	240	17	81	c	08.5	+17	47	38	2	-	3	7	7	25	-	-	1	cir, bc, cph, pr, bc, b	54	3.7	0.4					
	Mildenhall ...	270	15	64	pr	1011	+08	53	40	9	-	-	7	7	18	2	10	260	05	81	bc	09.6	+18	48	41	9	-	1	3	3	4	2	20	1	c, cpr, cy, cpr, h, bc, b	55	5.5	1					
3	Cranfield ...	260	17	82	c	1015	+06	51	32	3	-	3	7	6	25	-	-	280	12	82	bc	10.5	+15	49	33	9	6	3	4	2	20	-	-	0	cypr, bc	53	8.9	0.1					
	Honiley ...	280	20	80	pr	1017	+14	43	35	9	-	-	7	7	25	4	10	300	12	48	bc	11.2	+16	48	39	9	-	-	4	4	25	-	-	1	ccpr, b, z	51	8.7	1					
	Wittering ...	310	15	80	bc	1018	+06	52	36	2	6	-	5	5	25	-	-	300	15	80	c	09.8	+12	49	38	3	-	-	7	5	25	3	30	1	c, bc, cpr, c, b	51	8.1	0.1					
	Watnall ...	260	15	64	c	1017	+09	51	37	2	-	1	7	6	20	-	-	280	12	80	c	09.6	+16	49	37	1	7	8	6	3	25	-	-	1	ccpr	52	6.5	TR					
4	Little Rissington	290	15	82	c	1010	+15	48	33	2	6	3	7	6	22	-	-	310	16	99	bc	11.9	+19	48	33	9	-	3	5	3	25	5	18	0	cpr, cybc	51	9.7	0.6					
5	Ross-on-Wye	290	12	81	c/pr	1010	+14	49	36	3	-	-	7	7	25	-	-	270	18	81	b	13.3	+22	50	35	2	-	-	2	2	25	-	-	0	bce, cpr, bc, pr	54	9.2	0.5					
	Shawbury ...	290	15	81	pr	1010	+18	41	38	9	-	3	6	6	18	2	12	310	18	81	c	11.5	+17	49	38	8	6	-	6	4	25	-	-	1	cpr	54	6.2	4					
	Bristol ...	290	27	56	pr	1013	+11	47	40	9	-	-	7	7	18	-	-	290	20	64	pr	12.5	+07	51	38	3	-	-	6	6	18	-	-	1	bc, cpr, cph, bc	53	10.0	1					
	Exeter ...	310	19	82	c/pr	1012	+14	49	43	8	-	3	6	4	20	1	15	300	30	82	bc	15.1	+13	51	39	1	-	3	4	4	20	-	-	0	bce, h, bc, b	54	10.2	0.4					
	Portland Bill	290	19	48	pr	1014	+08	49	40	9	-	-	6	6	15	-	-	300	13	81	bc	14.9	+16	50	41	1	-	-	3	3	30	-	-	0	cpr, c, bc, bc	52	.	.					
6	Plymouth ...	310	15	81	c/pr	1015	+20	50	36	2	-	-	6	6	12	-	-	290	24	81	bc	17.1	+18	52	36	8	-	-	5	6	20	3	15	1	bce, cpr, bc	52	11.7	0.5					
	Chiverton ...	310	25	82	bc	1017	+27	51	44	3	-	-	5	5	20	-	-	290	22	82	b	15.9	+10	50	44	-	7	-	1	1	83	-	-	0	cpr, bc, b	53	10.4	0.1					
	St. Eval ...	320	18	82	bc	1017	+20	49	43	2	-	-	5	5	18	-	-	290	16	82	bc	18.6	+12	43	42	1	-	8	5	1	20	-	-	0	bc	51	9.5	TR					
	Lizard ...	300	24	81	bc	1015	+20	50	38	2	-	-	5	5	20	-	-	300	20	81	c	18.2	+10	50	40	3	-	3	5	3	20	-	-	0	cpr, bc, b	54	10.0	0.3					
	Scilly, St. Mary's	310	24	83	bc	1016	+25	52	38	8	-	-	5	5	21	-	-	300	23	80	c	19.2	+08	50	40	8	-	7	7	2	21	-	-	1	bce	54	10.8	-					
7	Guernsey ...	310	21	82	bc	1010	+15	49	38	9	6	3	4	3	25	1	16	310	23	82	b	17.1	+14	49	39	2	-	-	1	1	16	-	-	0	cpr, bc	52	11.9	1					
8	Aberporth ...	290	18	81	bc	1011	+20	49	41	1	6	-	4	3	12	-	-	270	13	81	bc	13.9	+11	49	40	8	6	3	4	1	-	3	25	1	cpr, bc, pr, bc	52	7.3	TR					
9	Pembroke ...	340	22	81	b	1011	+22	50	39	2	-	-	1	2	30	-	-	300	14	81	bc	15.5	+13	50	41	1	7	9	4	3	83	1	30	0	bc, bc, q	52	11.0	-					
10	Holyhead (Valley)	290	25	82	bc	1019	+16	51	38	9	6	3	4	3	25	-	-	340	16	81	c/pr	12.9	+17	48	45	8	7	-	6														



# STATION MODEL



Scale 1 : 5,000,000



6h

Tuesday 26<sup>th</sup> April,

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		Sun- shine to sunset	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	15h %	9h %
				Max.	Min.						
				° F.	° F.	° F.					
mm.	mm.	Yesterday	To-day								
Kew ... ..	cy bc, plob		bwmc	54	41	31	0.2	-	9.5		
London Airport	by sh p r l r j p b		bwbc	55	39	35	0.2	-	*	70	70
Greenwich ...	c	epc	cbcpmo	55	42	34	TR	TR	6.1	48	74
Westminster	.	.	.	57	42	35		TR		60	81
Regents Park	.	.	.	55	41	38	0.2	-		59	73
Camden Square	bc	bc	.	57	42	38	TR	-	.	.	73
Kensington ...	bceph	bc	.	56	42	37	0.4	0.1	.	58	71
Hampstead ...	bc	bc	bc	54	39	33	-	-	.	.	76

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 26<sup>th</sup> Max. Time Min. Time



# GENERAL INFERENCE

A ridge of high pressure is moving steadily southeastwards across the British Isles followed by a trough of low pressure which is weak in the south. It will be mainly fair in the Midlands, east and southeast of England although a few scattered showers may occur this afternoon and it will become warmer tomorrow. Fair conditions over the remainder of the British Isles will give way to cloudier milder conditions spreading from the west with a little light rain or drizzle chiefly in western districts but periods of more general rain may occur in parts of Scotland and Northern Ireland tomorrow.

# FURTHER OUTLOOK

Fair and warmer in the south. Fair to cloudy in the north with occasional rain in some areas.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 26<sup>th</sup>. April.  
1949

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

### EXPLANATION OF CHART

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows by 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.  
☁ 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. Add one hour to get summer time



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Tuesday 26th April 1949  
No. 31932

OBSERVATIONS at 00hr. G.M.T. 26th April																OBSERVATIONS at 06hr. G.M.T. 26th April																OBSERVATIONS 10p.m. NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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\* Rainfall read at 0600.

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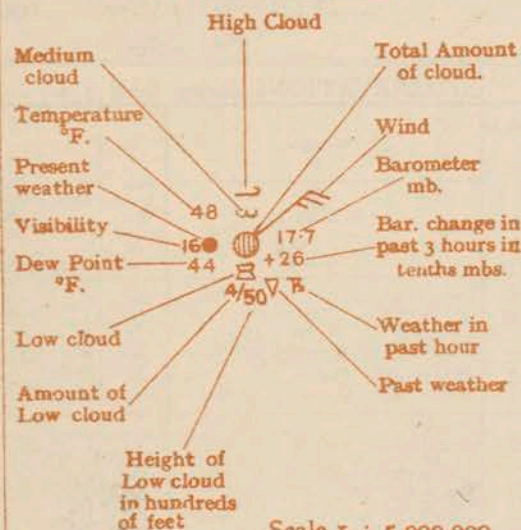
\* Information not usually received.



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



# STATION MODEL



Scale 1 : 5,000,000

6h Wednesday 27<sup>th</sup> April

1949

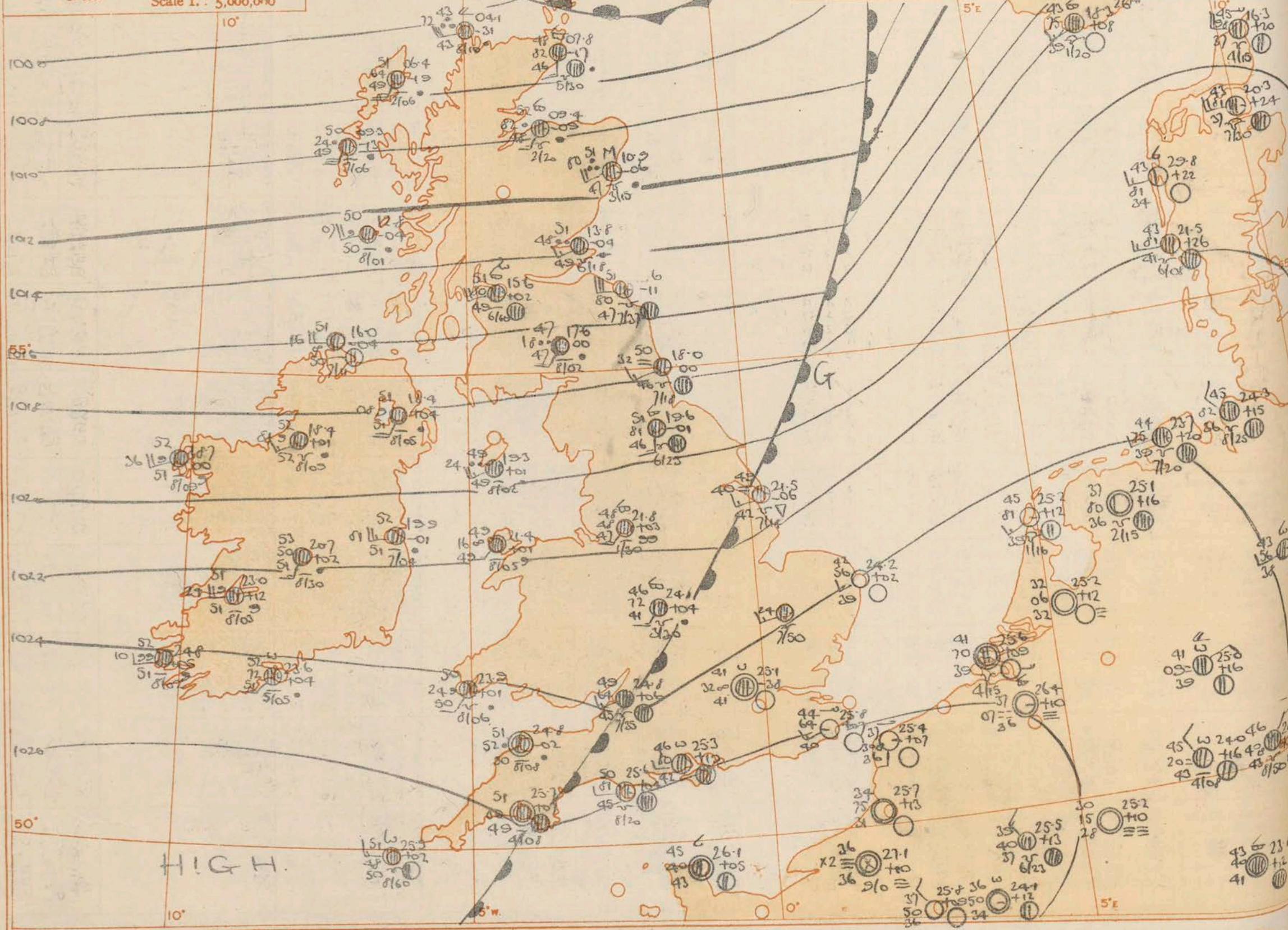
## LONDON OBSERVATIONS for yesterday and this morning

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	Max.	Min.	Min. on grass	Day	Night		Yesterday	To-day
Kew ...	...	...	...	57	45	31	-	-	8.5	...	...
London Airport	...	...	...	57	43	30	-	-	4.0	70	...
Greenwich ...	...	...	...	57	41	33	-	-	4.5	4	54
Westminster	...	...	...	58	46	39	-	-	...	50	64
Regents Park	...	...	...	57	46	38	-	-	...	41	50
Camden Square	...	...	...	59	46	38	-	-	...	...	51
Kensington ...	...	...	...	59	45	38	-	-	...	41	49
Hampstead ...	...	...	...	56	44	33	-	-	...	...	58

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 0 Time 21/24 Min. 0 Time rest of period



HIGH.



# GENERAL INFERENCE

A deep depression south of Iceland is moving slowly eastwards with an associated trough moving southeastwards over much of the British Isles in the next 24 hours. It will be generally cloudy and mild but will be rather warm in the east and southeast of England with bright periods. Rain over much of Scotland will give way later today to colder conditions with bright periods and showers spreading from the west. A belt of rain followed by cooler conditions with scattered showers will reach northern Ireland later today and northern districts of England and Wales during tonight.

# FURTHER OUTLOOK

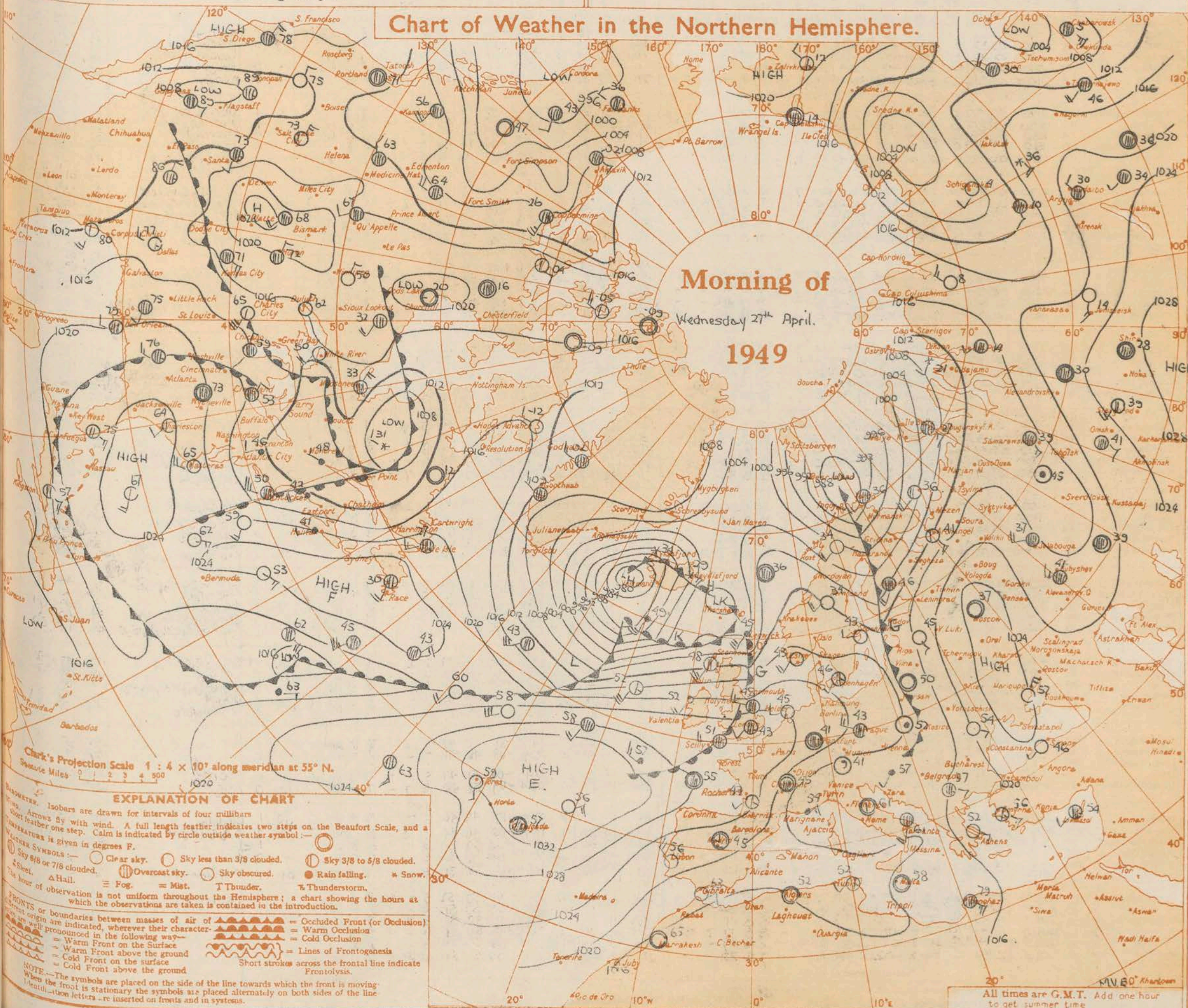
Fair in the southern half of England and Wales; bright periods and scattered showers further north.

## Gale Warning

South cones are flying in Orkneys and Shetlands, on north and west coasts of Scotland, north west of a line Clyde to Dornoch Firth.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 27<sup>th</sup> April.  
1949





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Wednesday 27th April 1949  
No. 31933

OBSERVATIONS at 00hr. G.M.T. 27th April																OBSERVATIONS at 06hr. G.M.T. 27th April																OBSERVATIONS Tuesday NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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\* Rainfall read at 0600.

\* Information not usually received.

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1949

GHT

Rain

Wind

Temp

Pressure

Cloud

Form

Main

Lowest

Wind

Temp

Pressure

Cloud

Form

Main

Lowest

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Pressure

Cloud

Form

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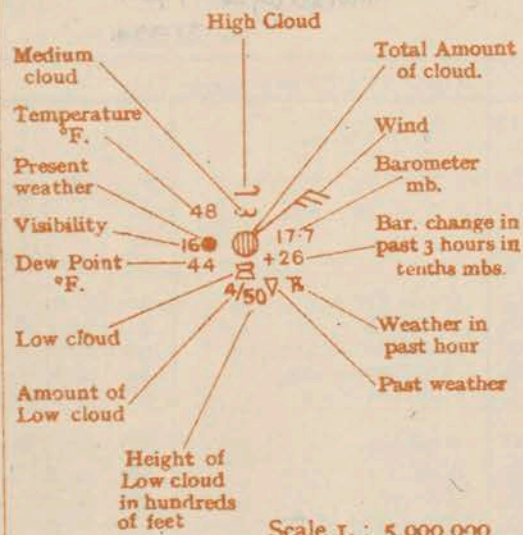
Page 1.

BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Thursday 28<sup>th</sup> April 1949  
No. 31934.OBSERVATIONS at 12h. G.M.T. 27<sup>th</sup> AprilOBSERVATIONS at 18h. G.M.T. 27<sup>th</sup> AprilOBSERVATIONS during DAY 27<sup>th</sup>

STATIONS. (For heights see p. 4)	Wind.		Pressure.	Temp.		Cloud.						Wind.		Pressure.	Temp.		Cloud.						21 h. State of ground	Weather.  09 to 21 h.	Max Temp. 09h. 21h. °F	Sun- shine. 21h. min.	Rain 09h. 21h. mm.										
	Direction (degrees)	Speed (kts.)		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.			Total amount.	Main layer.	Ht. ft.		Lowest layer.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.								Total amount.	Main layer.	Ht. ft.	Lowest layer.						
								Low.	Medium.	High.										Low.	Medium.	High.										Low.	Medium.	High.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	
0 Kew	250	10	81	C	24.6	-0.3	58	40	5	7	-	7	7	28	-	240	11	46	C	23.6	-0.1	56	49	5	7	2	7	7	51	1	31	0	cydo cmo	60	2.0	TR	
1 London Airport	260	15	81	O	24.9	-0.2	58	42	5	7	-	8	7	30	-	240	12	64	C	23.7	-0.3	57	50	5	-	-	7	7	30	2	16	0	cydo cmo	61	*	TR	
Lymington	210	08	81	b	23.5	-0.4	55	47	1	-	-	2	2	25	-	240	10	82	C	24.7	-0.4	51	44	1	6	6	6	1	-	-	-	0	bcbccc	57	11.7	-	
Tangmere	250	13	82	C	25.5	-0.4	57	43	5	7	-	7	6	84	1	30	250	15	40	O	24.6	-0.3	52	50	6	-	-	8	8	12	6	07	0	cydo cmo	61	4.6	-
Calshot	250	02	82	O	25.7	-0.7	56	47	5	7	-	8	7	-	3	30	230	09	32	O	24.9	-0.2	52	51	6	2	-	8	7	08	-	-	1	ccdd m. cmo	57	0.6	0.2
2 Boscombe Down	150	10	48	O/d	24.8	-0.1	52	51	5	-	-	8	8	35	6	07	190	08	40	O	23.8	-0.6	53	51	5	-	-	8	8	20	-	-	1	cirodo c	55	0.1	TR
Felixstowe	200	11	56	O	24.7	-0.4	55	47	5	-	-	8	8	60	-	-	220	14	56	C	22.5	-0.9	57	47	5	-	-	7	7	50	-	-	1	bzoc	59	4.8	-
Gorleston	230	12	48	2	23.4	-0.5	58	36	5	-	-	8	8	35	-	-	200	23	56	C	22.0	-0.7	57	46	5	7	-	7	7	70	4	30	0	cyoy	64	3.3	-
West Raynham	210	20	81	b	22.7	-0.6	60	44	1	3	9	4	3	-	1	40	220	20	64	O	21.2	-0.9	56	50	5	-	-	8	8	30	5	20	0	bey cmo bemo	62	4.0	-
Mildenhall	210	09	80	C	23.3	-0.5	63	45	5	-	-	7	7	30	-	-	230	10	56	O	21.9	-0.6	57	51	6	-	-	8	8	18	3	12	1	cydo cmo	63	4.3	-
3 Cranfield	220	16	48	C	23.3	-0.4	57	48	5	-	-	7	7	20	-	-	230	14	40	O	22.0	-1.0	55	49	6	-	-	8	8	10	3	08	0	cirodo cmo	58	2.4	TR
Honiley	210	12	24	dod	23.5	-0.3	53	50	7	2	-	8	8	-	7	08	220	11	40	C	22.3	-0.6	56	50	6	7	-	7	6	14	-	-	1	cmo do do cmo	59	0.0	0.4
Wittering	250	17	56	ido	22.7	-0.2	59	49	5	-	-	8	8	35	4	25	240	13	32	O	21.4	-0.8	57	51	6	-	-	8	8	25	5	13	0	cirodo cmo	62	1.9	TR
Watnall	240	08	16	O	22.0	-0.3	56	51	5	-	-	8	8	14	-	-	230	09	16	C	20.4	-0.8	57	52	5	7	-	7	7	83	3	20	1	ido cmo	60	0.0	TR
Little Risington	250	14	32	dod	24.1	+0.2	51	49	6	-	-	8	8	04	-	-	250	19	48	O	22.8	-0.9	53	49	6	-	-	8	8	08	-	-	1	cirodo cmo	58	0.0	0.3
4 Ross-on-Wye	230	10	34	2	23.9	-0.4	55	50	6	2	-	8	6	10	-	-	230	12	34	2	23.3	+0.0	54	50	6	4	2	7	1	15	-	-	0	cmo czo bemo	59	0.3	TR
Shawbury	250	15	81	C	21.9	-0.9	53	51	5	7	-	7	6	30	3	26	250	20	81	C	20.9	-0.3	60	51	5	-	2	7	1	20	-	-	0	cirodo cmo	63	2.7	TR
Bristol	230	08	40	ido	25.1	+0.2	53	51	6	-	-	8	8	00	-	-	270	10	32	O	23.9	-0.7	58	52	6	-	-	8	8	28	2	12	1	cirodo cmo	57	0.0	0.1
Exeter	180	02	18	dod	25.9	+0.0	54	53	6	-	-	8	8	06	-	-	200	08	64	O	24.7	-0.2	56	53	6	-	-	8	8	20	6	12	1	cirodo cmo	57	0.0	0.3
Portland Bill	230	09	40	dod	26.5	+0.1	50	49	6	-	-	8	8	10	-	-	240	13	40	ido	25.8	-0.2	51	49	6	-	-	8	8	08	-	-	1	cirodo cmo	52	*	-
5 Plymouth	200	06	16	ido	26.5	+0.5	52	51	6	-	-	8	8	03	-	-	250	10	10	2	26.2	-0.1	52	52	6	-	-	8	8	10	4	04	1	omodo do cmo	52	0.0	1
Chivenor	250	07	81	C	25.3	+0.1	55	52	6	7	-	7	7	03	2	10	230	11	80	C	25.0	-0.2	54	53	6	3	2	7	6	15	3	03	1	cirodo cmo	59	0.0	TR
St. Eval	240	09	24	O/d	26.3	+0.0	53	53	6	-	-	8	8	03	-	-	250	10	12	O/f	26.0	+0.1	51	51	7	-	-	8	8	03	6	03	1	omodo do cmo	56	0.2	TR
Lizard	-	03	32	ido	26.8	+0.8	52	52	6	-	-	8	8	06	-	-	270	06	32	O	26.1	-0.2	51	51	6	-	-	8	8	08	-	-	1	omodo do cmo	54	0.0	TR
Scilly, St. Mary's	210	10	40	C	26.6	+0.3	55	54	5	-	-	7	7	12	-	-	280	14	12	if	26.0	-0.1	52	50	6	-	-	8	8	03	-	-	0	of	58	0.3	TR
6 Guernsey	270	10	81	ido	27.5	+0.1	54	48	5	7	-	8	7	-	1	05	250	04	06	ido	27.1	+0.0	50	50	6	-	-	8	8	01	4	00	1	Fro	55	2.0	1
Aberporth	230	08	81	O	22.8	-0.2	53	54	5	7	-	8	8	-	6	18	220	16	82	C	22.6	+0.4	57	52	-	4	6	3	-	1	21	0	oc	61	4.9	-	
Pembroke	260	05	55	f	24.1	-0.4	51	51	-	-	-	9	9	-	-	-	230	03	40	C	23.9	+0.2	50	50	-	7	9	7	6	65	-	-	0	cmo fmo bemo	51	0.2	-
Holyhead (Valley)	240	16	56	C	21.5	-0.4	54	51	5	2	-	7	7	-	1	07	230	16	81	O	20.6	-0.4	51	49	5	-	-	8	8	50	1	06	0	cirodo cmo	63	4.3	TR
Manchester	210	11	56	O	21.2	-1.0	56	52	7	-	-	8	8	20	3	03	290	06	40	bc	19.8	-0.5	61	56	1	-	1	4	4	20	-	-	1	cirodo cmo	64	0.8	TR
7 Squires Gate...	250	14	48	O	21.2	-0.4	57	52	5	-	-	8	8	16	1	05	220	16	81	C	19.5	-0.8	55	52	5	-	-	7	7	22	-	-	1	cirodo cmo	58	2.2	TR
Silloth	220	21	32	O	17.4	-0.7	52	52	6	-	-	8	8	12	5	06	230	20	64	C/r	16.3	-0.0	52	50	5	7	-	7	7	25	1	15	0	cirodo cmo	56	0.1	TR
Finningley	230	11	40	2	20.7	-0.3	61	50	5	7	-	8	6	30	-	-	200	14	48	C	19.1	-0.6	60	52	5	7	-	7	7	-	3	35	0	cirodo cmo	62	0.1	TR
Spurn Head	250	10	24	O	20.8	-0.8	60	52	6	-	-	8	8	16	-	-	230	13	16	C	18.9	-0.9	57	52	6	-	-	7	7	15	-	-	0	cmo do cmo	62	2.0	-
Loeming	210	10	62	C	18.6	-1.1	60	52	5	-	-	7																									



## STATION MODEL

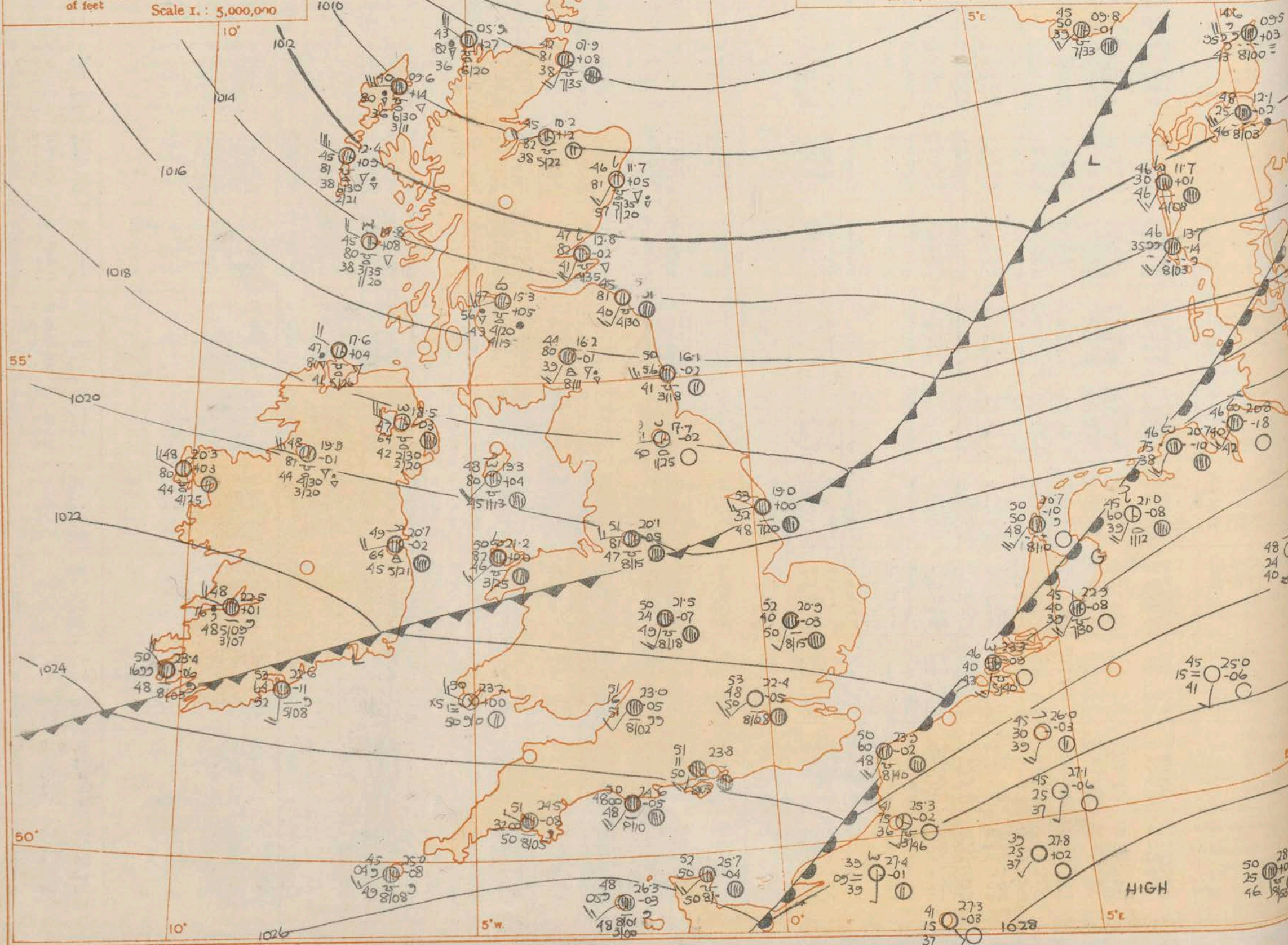
6h Thursday 28<sup>th</sup> April.

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		Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	Yesterday	Today	To-day
				° F.	° F.	° F.	mm.	mm.				
Kew ...	cyid.	cmo	cmoid.	60	52	52	TR	TR	2.0	•	•	•
Croydon ...	cycid.	cmo	cmoid.	61	52	52	TR	TR	•	97	83	•
Greenwich ...	cy	cy	cmoid.	66	52	51	-	TR	5.0	55	91	•
Westminster	•	•	•	63	52	51	TR	•	•	64	92	•
Regents Park	•	•	•	62	52	51	-	TR	•	61	89	•
Camden Square	c	c	•	63	53	52	-	-	•	•	88	•
Kensington ...	bc	bc	•	63	52	51	-	TR	•	73	95	•
Hampstead ...	bc	o	o	61	50	48	-	-	•	•	97	•

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
New 24 hours ended 6h. 23 Max. 40.1 Time of day of period.



# GENERAL INFERENCE

A weak cold front moving southeastwards across England will give cloudy weather with a little local light rain in the Midlands and South at first. The front is expected to clear all areas before midnight and weather will be brighter in rear of it. Northern England and Southern Scotland will have scattered showers. Showers will be more frequent in Northern Scotland being of snow over higher ground. Temperatures will be around normal for the time of year and there is likely to be ground frost in parts of England and South Scotland tonight.

# FURTHER OUTLOOK

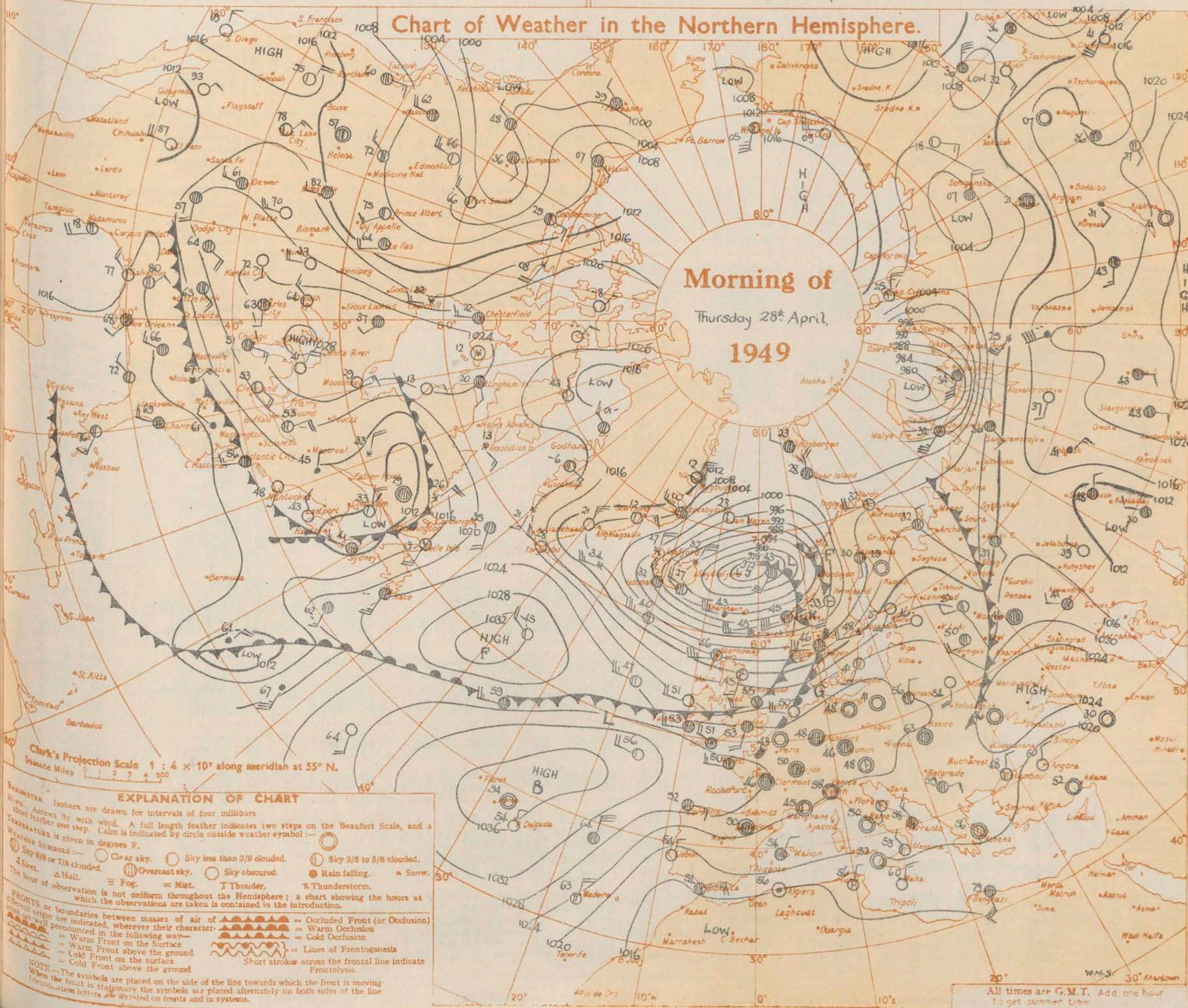
Fair for a few days in the Midlands and South. Some showers in Scotland tomorrow.

## Gale warning.

South cones are flying in Orkneys and Shetlands, and along the coasts of Scotland, north of a line Hartlepool to Port Patrick. South cones are also flying along coasts of North Ireland from Loch Foyle to Belfast.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 28<sup>th</sup> April,  
1949





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 28th April 1949  
No. 31934

OBSERVATIONS at 06hr. G.M.T. 28th April																	OBSERVATIONS at 06hr. G.M.T. 28th April																	OBSERVATIONS Wednesday NIGHT					
Direction.	STATIONS.	Height above M.S.L.	Wind.				Pressure.		Temp.		Cloud.						9 h	Weather.	Temperature																				
			Direction (degrees).	Speed (kts.).	Visibility (code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.			Total amount.	Main layer.	Lowest layer.			Min. "F."	Max. "F."	Rain.																		
											Low.	Medium.	High.																										
0	Kew ...	18	.	.	.	.	.	.	53	.	.	.	.	.	.	.	250	08 30	0	22.8	-06	52	49	5	-	-	8	8	21	-	-	1	Cmo ido	52	52	T			
1	London Airport ...	82	210	11 60	0		24.0	-01	53	49	6	-	-	8	8	11	-	-	260	10 48	P	22.9	-03	53	50	6	-	-	8	8	68	-	-	0	Cmo idoomo	52	52	F	
	Lympne ...	341	250	12 20	0		25.3	-02	49	48	6	-	-	8	8	03	-	-	260	13 01	P	24.5	-08	50	50	5	-	-	9	9	-	-	0	Cofec	48	48	F		
	Tangmere ...	63	250	08 24	0		24.9	-04	52	50	6	-	-	8	8	04	-	-	250	11 10	Goo	23.9	-06	50	50	5	-	-	8	8	03	-	-	0	Cmofedomo	50	49	T	
	Calshot ...	8	240	09 24	2		25.0	+00	52	50	6	-	-	8	8	03	-	-	250	10 20	Z	23.9	-04	50	49	6	-	-	8	8	02	-	-	1	Omoomido	50	50	T	
2	Boscombe Down ...	414	210	04 48	b.c.		24.3	+03	50	50	5	-	-	5	4	36	3	09	230	04 48	0	23.6	-05	50	50	6	-	-	8	8	18	4	06	0	cbeuc idodo	49	49	-	
	Felixtowe ...	10	240	12 56	0		23.0	-02	53	50	5	-	-	8	8	33	-	-	270	08 32	Z	21.6	-04	54	50	5	-	-	8	8	26	-	-	1	ccmo omo	53	49	-	
	Gorleston ...	5	230	12 56	0		21.9	-02	56	50	5	-	-	8	8	65	-	-	230	08 24	O d.o.	20.8	-02	52	50	6	-	-	8	8	20	-	-	0	prbmoidomo	53	50	T	
	West Raynham ...	250	220	17 18	b		21.0	-02	52	50	5	-	-	1	1	30	-	-	250	13 18	0	20.2	-02	51	49	5	-	-	8	6	30	-	-	0	bcmo omo	50	49	-	
	Mildenhall ...	15	210	08 40	b		21.8	-04	54	51	5	-	-	1	1	30	-	-	220	06 40	0	20.3	-03	52	50	6	-	-	8	8	15	-	-	1	Cmobcmoemo	51	46	-	
3	Cranfield ...	340	240	10 24	0		21.9	-01	52	49	5	-	-	8	8	10	-	-	240	08 16	0	21.3	-03	50	48	5	-	-	8	8	06	-	-	1	amomocdo omo	50	49	T	
	Honiley ...	427	230	12 48	0		22.1	-03	51	49	5	-	-	7	7	0	-	-	200	09 24	0	21.5	-07	50	49	5	-	-	8	8	28	-	-	0	pno c	49	47	-	
	Wittering ...	236	240	10 20	b.c.		21.2	-03	51	49	5	-	-	0	0	0	-	-	240	09 24	0	20.4	-06	52	49	5	-	-	8	6	18	-	-	0	bcmobmo omo	50	47	-	
	Watnall ...	366	220	07 24	0		20.3	-03	54	50	5	-	-	8	8	35	-	-	250	04 24	b.c.	19.9	-04	52	48	5	-	2	8	3	25	-	-	0	Omocfo	52	50	-	
4	Little Rissington ...	740	230	16 00	o/p		23.3	+04	47	47	6	-	-	8	8	01	-	-	230	13 08	0	22.2	-02	49	48	6	-	-	8	8	01	-	-	1	Cmobofemo	46	46	-	
5	Ross-on-Wye ...	223	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	230	08 81	0	22.6	-06	52	49	5	-	-	8	8	20	-	-	0	Ccp.c	50	*	T		
	Shawbury ...	235	250	11 81	c		21.4	-03	54	50	5	7	2	7	4	83	1	20	-	0	81	c	20.8	-05	52	49	5	-	-	7	7	28	-	-	0	coc	52	47	-
	Bristol ...	209	250	10 40	0		24.3	+02	49	49	6	-	-	8	8	04	-	-	250	03 16	O d	23.0	-05	51	51	6	-	-	8	8	02	-	-	1	Cdomo	49	47	T	
	Exeter ...	100	300	10 48	0		25.5	+01	50	49	6	-	-	8	8	10	-	-	-	0	24	id	24.0	-08	50	50	6	-	-	8	8	05	-	-	1	Cbc domo	48	40	O
	Portland Bill ...	32	260	09 48	2		25.8	+03	51	49	6	-	-	8	8	08	-	-	250	13 48	2	24.6	-05	50	48	6	-	-	8	8	10	-	-	1	Omomodd	49	*	*	
6	Plymouth ...	90	270	07 40	0		26.0	-03	50	50	6	-	-	8	8	06	-	-	290	02 32	2	24.3	-08	51	50	6	-	-	8	8	05	-	-	1	Om ido	50	50	T	
	Chivenor ...	20	180	06 80	0		25.2	-02	52	51	6	-	-	8	8	06	-	-	290	11 02	f	24.2	-07	50	50	5	-	-	9	9	-	-	-	1	Cwidomofeddm	50	49	T	
	St. Eval ...	386	270	08 01	d.c.		26.7	+00	50	50	5	-	-	9	9	-	-	-	280	04 06	id	25.4	-03	50	50	6	-	-	8	8	-	-	-	1	ofidofedofe	49	49	O	
	Lizard ...	240	280	04 04	o/p		26.4	+01	51	51	-	-	-	9	9	-	-	-	270	03 48	0	24.8	-03	50	50	6	-	-	8	8	10	-	-	1	fdaddo	49	*	O	
	Scilly, St. Mary's ...	183	300	15 56	id		26.9	+03	51	50	6	-	-	8	8	05	-	-	260	07 64	id	25.3	-08	50	49	6	-	-	8	8	08	-	-	1	oidoifo	50	*	O	
7	Guernsey ...	340	230	08 55	id		27.5	+00	50	50	6	-	-	8	8	01	-	-	250	04 05	id	26.3	-03	48	48	6	-	-	8	8	01	2	-	1	oidoiafdodoFF	48	48	1	
	Aberporth ...	375	240	05 81	b		23.1	-01	52	50	-	7	2	2	1	-	-	-	250	08 64	ff	22.2	-03	51	50	6	3	1	3	4	-	1	01	0	bcbbaofcemo	49	46	-	
	Pembroke ...	142	290	03 81	b.c.		24.0	+03	50	49	-	7	-	4	4	80	-	-	290	09 58	P	23.2	00	50	50	-	-	-	9	9	-	-	-	0	bcmof	49	*	-	
	Holyhead (Valley) ...	32	230	18 81	b.c.		21.3	+01	52	49	5	7	-	3	1	-	2	25	250	08 82	c	21.2	00	50	46	5	7	1	7	3	25	-	-	0	Cbc b.c.	49	45	-	
	Manchester ...	230	250	07 64	0		20.9	+05	55	51	5	-	-	8	8	18	-	-	290	11 81	0	20.1	-05	51	47	5	-	-	8	8	15	-	-	1	Cbc	50	48	-	
8	Squires Gate... ..	33	240	20 48	0		20.2	+03	52	50	5	-	-	8	8	41	5	29	270	16 64	b.c.	20.0	-01	49	45	5	3	-	4	4	35	-	-	1	Cmobcc	49	47	-	
	Silloth ...	25	270	12 64	b		17.5	+08	49	45	5	-	-	1	1	40	-	-	270	20 64	c	17.1	-03	49	44	5	3	-	7	5	30	-	-	0	bcc	47	47	-	
	Finningley ...	52	270	22 56	0		19.2	+00	57	51	5	-	-	8	8	50	3	23	250	10 56	c	19.0	-02	54	46	5	7	-	7	5	20	-	-	0	cmogc2	53	49	-	
	Spurn Head ...	28	250	12 32	0		18.9	+00	55	52	6	-	-	8	8	15	-	-	270	10 32	c	19.0	00	53	48	6	-	-	7	7	20	-	-	0	omoc	52	*	-	
	Leeming ...	105	290	10 81	0		17.9	+01	54	49	5	7	-	8	3	20	-	-	250	04 80	L	17.7	+02	49	41	-	3	-	1	-	-	-	1	Cmoidobc	49	43	T		
9	Tynemouth ...	108	270	17 56	c		16.5	+00	53	45	5	-	-	7	7	16	-	-	270	20 56	c	16.1	-07	50	41	5	-	8	6	3	18	-	-	0	ccg	48	42	-	
	St. Abb's Head ...	280	250	09 80	c		14.3	+03	47	38	5	-	-	6	6	30	-	-	250	09 81	b.c.	13.1	+01	45	40	5	-	-	4	4	30	-	-	0	Cbc	41	*	-	
	Leuchars ...	36	200	16 64	c		13.7	-02	49	38	5	-	-	6	6	46	-	-	220	18 82	b.c.	12.8	-02	47	41	5	4	-	5	1	-	4	35	0	bccprbccc	46	41	-	
	Eskdalemuir... ..	794	210	09 80	o/p		16.2	-01	44	39	2	-	-	8	8	11	-	-	250	09 80	o/p	16.2	-01	44	39	2	-	-	8	8	11	-	-	1	bccpro	42	39	-	
	Prestwick ...	30	240	14 64	b.c.		16.7	-01	40	43	5	-	-	5	5	45	-	-	250	16 32	id	16.3	00	47	43	5	3	-	7	5	30	1	12	1	obccidobc	46	44	O	
10	West Freugh... ..	52	310	06 80	c		18.5	+08	48	41	5	3	2	6	4	32	3	18	270	14 80	c	17.8	-02	48	41	5	3	-	7	5	40	2	25	0	Cbc	45	41	-	
	Ronaldsway ...	55	280	16 81	b		19.6	+05	50	46	5	-	-	1	1	30	-	-	260	14 80	c	19.3	-04	48	45	5	3	1	7	1	12	-	-	0	b.c.	47	42	-	
	Tiree ...	29	240	15 48	0		13.9	-03	49	42	5	-	-	8	8	57	-	-	280	15 80	b.c.	14.8	+08	45	38	8	6	-	4	3	35	1	20	1	Cbmboopro	43	40	T	
	Benbecula ...	16	270	27 56	pr		11.0	+05	47	42	2	-	-	7	7	17	-	-	280	32 81	c/pr	12.4	+09	45	38	8	6	-	2	6	30	2	21	2	Cphog	42	40	-	
	Stornoway ...	10	230	36 80	b/pr		7.8	+00	46	41	3	-	-	4	4	15	-	-	270	25 80	pr	09.6	+14	40	36	8	-	-	6	6	30	3	15	2	Cpropr	39	35	-	
11	Cape Wrath ...	367	250	24 82	pr		04.1	+05	45	40	8	-	-	5	5	15	-	-	310	24 82	pr	05.9	+23	43	36	8	-	-	6	6	20	-	-	1	pr	40	39	-	
	Sule Skerry ...	43																	270	37 48	b.c.	04.0	0																

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\* Information not usually received.



1949

GHT

Rain

Wind

Temp

Pressure

Cloud

Form

Main

Lowest

Direction

Speed

Visibility

Present

Bar at

Change

Dry Bulb

Wet Bulb

Dew point

Low

Medium

High

Total

Amount

Ht.

Ht.

Ht.

Ht.

Ht.

Ht.

Ht.

Ht.

Page 1.

BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Friday 29<sup>th</sup> April 1949

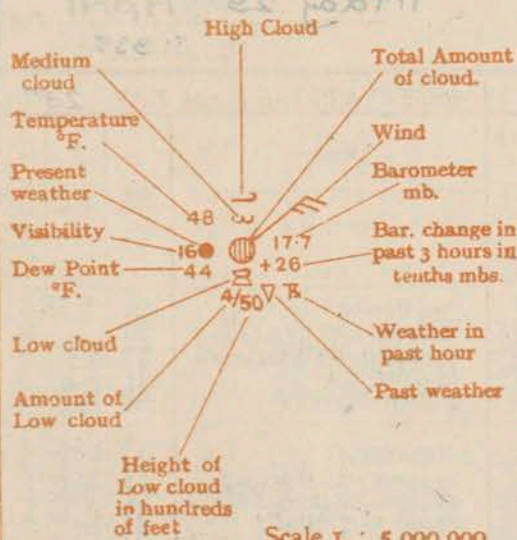
No. 31935

OBSERVATIONS at 12h. G.M.T. 28<sup>th</sup> AprilOBSERVATIONS at 18h. G.M.T. 28<sup>th</sup> AprilOBSERVATIONS during DAY 28<sup>th</sup>

Distance.	STATIONS. (For heights see p. 4)	OBSERVATIONS at 12h. G.M.T. 28 <sup>th</sup> April																OBSERVATIONS at 18h. G.M.T. 28 <sup>th</sup> April														OBSERVATIONS during DAY 28 <sup>th</sup>				
		Wind.		Pressure.		Temp.		Cloud.				Wind.		Pressure.		Temp.		Cloud.				21 h.	Weather.		Max Temp. 08h. °F (35)	Sun- shine. (36)	Rain 08h. 21h. mm. (37)									
		Direction (degrees).	Speed (kts.).	mb.	Change in 3 hrs.	°F.	Dry Bulb.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	mb.	Change in 3 hrs.	°F.	Dry Bulb.	Form.	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)	(34)	(35)	(36)	(37)
0	Kew	250	07 30	0	21.4	-11	57	7	-	-	230	07 16	18.5	-16	56	52	7	-	-	-	1	Clouds overcast	59	0.0	5											
1	London Airport	220	11 72	0	21.7	-10	57	5	7	6	250	08 40	18.7	-16	57	50	8	-	-	-	1	Clouds overcast	59	0.0	6											
	Lymington	250	12 55	0	22.4	-05	49	9	-	-	270	08 45	18.0	-14	49	49	-	-	-	-	1	Clouds overcast	52	0.0	5											
	Tangmere	250	08 32	2	22.4	-05	56	52	6	-	230	06 32	19.5	-17	53	51	6	7	-	-	1	Clouds overcast	56	0.0	1											
	Calshot	210	06 48	2	22.5	-11	56	51	6	7	250	07 64	19.2	-18	54	51	5	2	-	-	1	Clouds overcast	56	0.1	6											
2	Boscombe Down	230	09 64	0	22.3	-11	55	51	6	-	300	07 80	20.0	-10	55	52	8	-	-	-	1	Clouds overcast	58	0.3	2											
	Felixstowe	230	08 24	2	20.7	-03	56	51	6	-	310	03 24	18.2	-14	54	51	9	7	-	-	2	Clouds overcast	58	0.0	2											
	Gorleston	300	08 41	2	20.3	-05	57	46	5	-	340	07 40	18.6	-05	53	51	4	-	-	-	2	Clouds overcast	60	0.0	1											
	West Raynham	290	10 14	0	20.1	-04	52	50	5	-	320	01 12	18.8	-02	52	43	5	2	-	-	2	Clouds overcast	56	0.1	3											
	Mildenhall	240	07 80	0	20.3	-07	58	50	8	-																										
3	Cranfield	250	12 64	0	20.3	-09	57	47	6	-	360	06 08	18.4	-07	50	49	7	-	-	-	1	Clouds overcast	58	0.0	4											
	Honiley	030	06 56	0	20.3	-08	54	48	6	-	350	06 16	19.8	-06	48	45	-	2	-	-	1	Clouds overcast	56	0.2	7											
	Wittering	320	07 40	0	20.3	-03	51	49	5	-	330	08 24	19.0	-06	49	46	5	2	-	-	2	Clouds overcast	55	0.0	4											
	Watnall	270	15 40	0	20.3	-07	55	42	5	7	300	05 24	18.8	-15	51	44	5	2	-	-	1	Clouds overcast	57	0.9	TR											
4	Little Rissington	250	12 81	0	21.3	-06	53	47	8	-	360	07 24	18.8	-10	48	48	6	-	-	-	0	Clouds overcast	56	0.0	5											
5	Ross-on-Wye	230	06 64	0	21.8	-07	57	51	8	-	300	04 34	20.4	-03	50	49	7	2	-	-	1	Clouds overcast	55	0.8	3											
	Shawbury	350	03 80	0	20.9	-02	54	44	5	-	340	05 81	20.2	-02	49	44	6	7	-	-	2	Clouds overcast	58	0.4	3											
	Bristol	250	08 80	0	22.1	-07	55	51	5	-	280	10 28	19.4	-14	51	51	6	-	-	-	2	Clouds overcast	57	0.1	7											
	Exeter	310	11 74	0	23.1	-08	57	53	6	-	310	10 81	20.1	-09	54	53	5	-	-	-	1	Clouds overcast	61	0.3	1											
	Portland Bill	270	05 48	2	23.6	-10	53	80	5	-	270	13 48	19.8	-12	52	50	5	-	-	-	2	Clouds overcast	54	0.0	3											
	Plymouth	250	11 64	0	23.8	-07	54	52	6	-	270	10 36	20.5	-16	53	51	7	2	-	-	1	Clouds overcast	55	0.3	2											
	Chivenor	250	13 12	0	23.3	-06	53	52	6	-	270	11 20	21.2	-05	50	50	6	-	-	-	1	Clouds overcast	54	0.0	5											
	St. Eval	270	10 06	2	24.4	-11	53	53	6	-	360	15 16	21.8	-10	50	50	6	-	-	-	2	Clouds overcast	53	0.0	6											
	Lizard	270	02 48	0	24.7	-06	52	52	6	-	260	12 00	21.3	-19	51	51	-	-	-	-	1	Clouds overcast	57	0.0	2											
	Scilly, St. Mary's	270	14 32	0	25.0	-06	53	52	6	-	280	16 20	21.5	-16	52	51	6	-	-	-	1	Clouds overcast	54	0.0	3											
6	Guernsey	280	12 01	0	25.1	-04	51	51	-	-	280	09 01	22.2	-17	50	50	-	-	-	-	1	Clouds overcast	52	0.0	1											
7	Aberporth	300	06 01	0	21.9	-02	49	48	6	-	290	07 48	21.1	-04	47	47	6	-	-	-	1	Clouds overcast	57	0.9	TR											
8	Pembroke	340	07 04	0	22.4	-08	51	51	-	-	330	08 32	21.5	-02	48	47	5	-	-	-	1	Clouds overcast	54	0.0	2											
	Holyhead (Valley)	310	12 81	0	21.6	-01	53	46	5	7	360	12 83	21.1	+03	51	42	8	4	8	7	4	80	1	20	0											
	Manchester	300	10 72	0	20.4	-02	54	44	2	2	290	12 56	20.6	-01	50	39	5	7	-	-	1	Clouds overcast	55	2.4	TR											
9	Squires Gate...	280	18 80	0	20.3	-08	52	48	2	5	300	14 80	20.2	-10	50	39	8	6	2	7	4	32	2	25	0											
10	Silloth	290	13 64	0	19.6	-10	49	41	2	8	300	14 82	19.2	+12	50	38	4	3	5	6	4	35	2	20	1											
	Finingley	270	11 56	0	19.2	-07	51	41	8	7	290	14 48	18.2	-07	53	39	5	7	-	-	0	Clouds overcast	61	2.2	1											
	Spurn Head	270	10 56	0	18.4	-06	56	49	6	-	270	10 32	17.8	-03	53	45	5	-	-	-	0	Clouds overcast	56	2.8	-											
	Leeming	280	20 82	0	18.3	-02	57	42	8	-	320	13 81	18.1	-05	52	34	5	1	-	-	0	Clouds overcast	58	-	-											
11	Tynemouth	210	21 80	0	16.7	-06	54	41	3	-	290	13 66	17.3	+03	52	32	5	7	-	-	0	Clouds overcast	56	-	-											
	St. Abb's Head	270	24 81	0	15.1	-07	49	35	5	-	270	24 80	15.4	+08	40	35	5	-	-	-	0	Clouds overcast	52	-	-											
12	Leuchars	240	24 83	0	14.2	-03	53	31	8	-	250	24 83	15.1	+05	51	31	8	-	-	-	0	Clouds overcast	56	11.0	-											
	Eskdalemuir	270	12 81	0	17.3	-05	49	36	8	-	270	14 82	18.0	+06	44	34	8	6	-	-	1	Clouds overcast	53	3.7	0.6											
	Prestwick	290	13 82	0	18.2	-03	51	37	8	4	290	18 81	19.2	+07	47	36	9	3	-	-	1	Clouds overcast	53	6.6	0.6											
13A	West Freugh...	340	20 82	0	19.4	-07	50	38	8	3	340	20 81	20.3	+05	46	35	8	3	1	6	4	45	1	25	1											
13B	Ronaldsway	310	10 82	0	20.3	-03	53	43	8	-	360	08 82	20.6	+03	47	39	5	-	-	-	1	Clouds overcast	54	3.9	TR											
13C	Tiree	300	17 81	0	17.8	-12	46	36	8	-	290	15 81	18.4	+08	44	38	5	6	3	5	4	22	-	-	1											
	Benbecula	290	21 82	0	15.2	-08	47	35	2	3	280	29 81	15.7	+04	46	35	3	-	-	-	2	Clouds overcast	50	7.0	1											
	Stornoway	280	29 81	0	12.2	-05	48	36	2	-	270	22 81	13.1	+06	40	36	5	-	-	-	2	Clouds overcast	49	8.2	3											
14	Cape Wrath	270	30 82	0</																																



# STATION MODEL



6h

Friday 29<sup>th</sup> April.

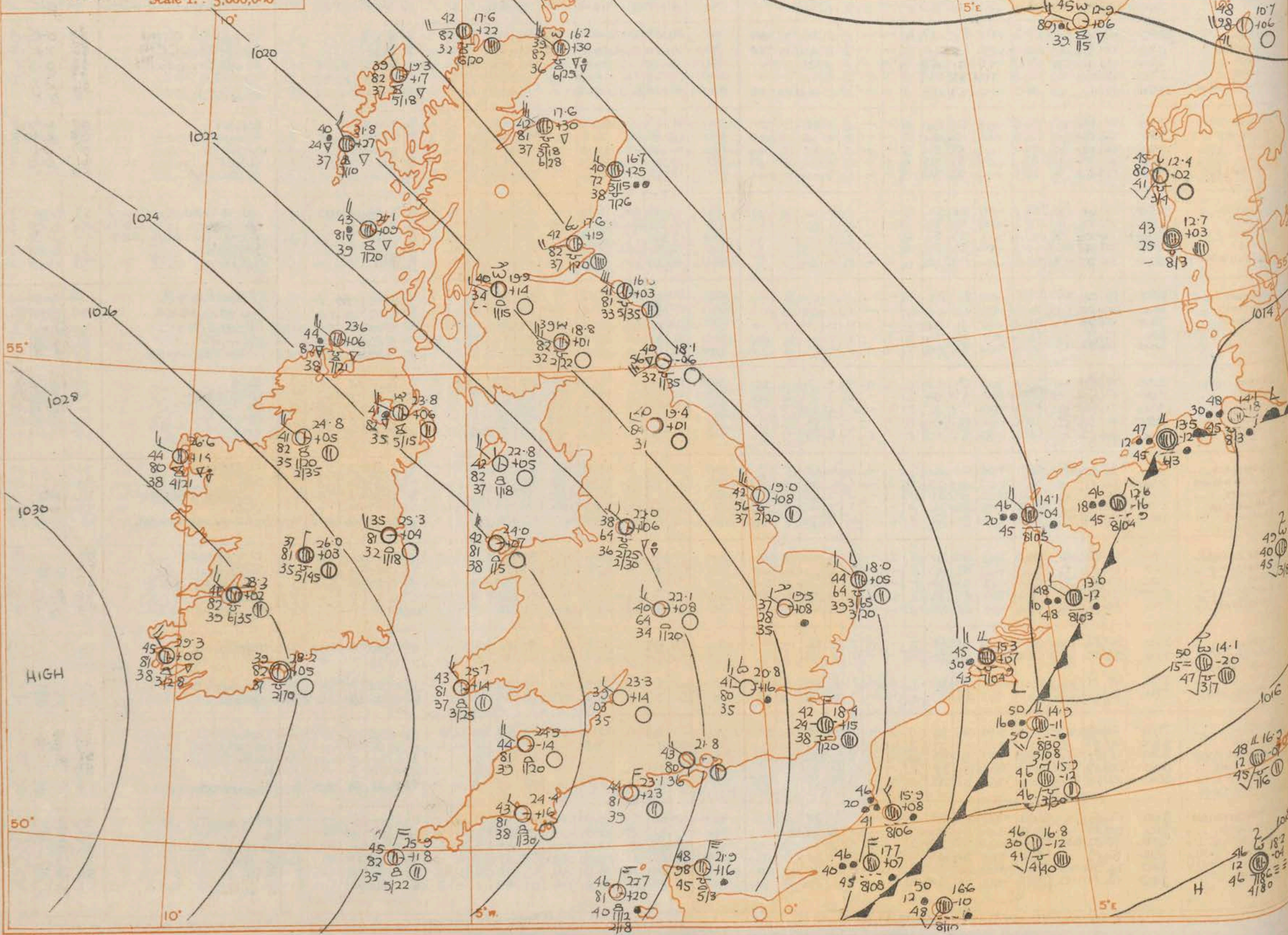
1949

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Morning	Afternoon	Night	Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
				Day Max.	Night Min.	Min. on grass	Day	Night		15h %	0h %
Kew ...				53	41	35	5	5	0.0		
London Airport				59	40	36	6	5	*	75	60
Greenwich ...				60	40	37	-	11.7		67	57
Westminster				60	42	38	14.7			77	61
Regents Park				59	40	37	-	13.1			71
Camden Square				59	41	37	-	13.7			62
Kensington ...				61	41	37	-	11.4		70	59
Hampstead ...				57	38	33	1.7	7.4			57

Atmospheric Pollution Micrograms of solid impurity per cubic metre  
Kew 24 hours ended 6h. 29<sup>th</sup> Max. 0.1 Time 28.1 Min. 0.0 Time 29.1





# GENERAL INFERENCE

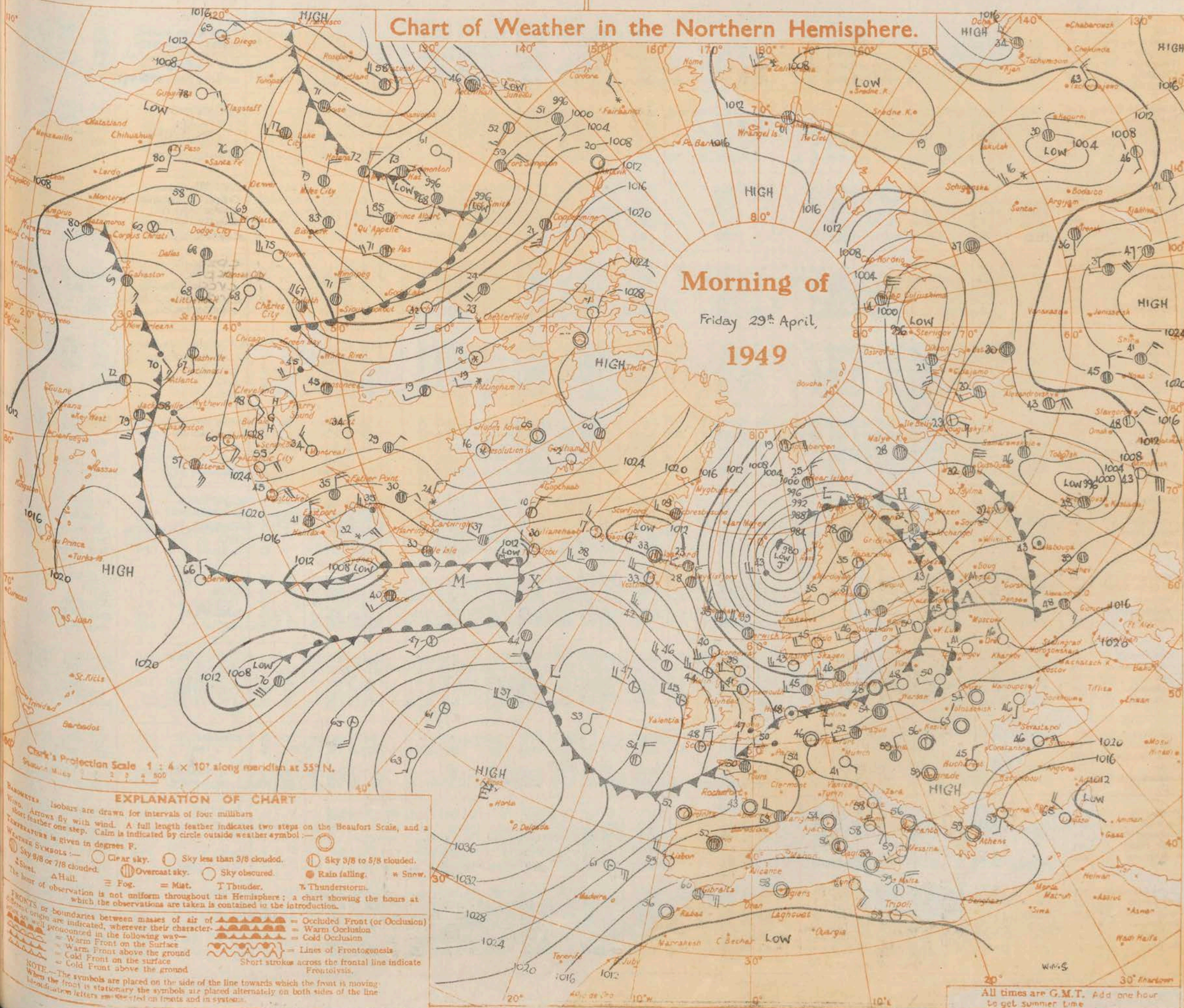
A rather cold north westerly stream of air covers the British Isles and a ridge of high pressure to the West is moving east. All districts will have bright periods but there will be scattered showers in the Midlands and East England and in North England and West and North Scotland. The showers may be rather frequent in West and North Scotland. There is likely to be slight to keen frost in many parts of England and East Scotland to night. Rain spreading from the Atlantic may reach North Ireland and parts of West Scotland by noon tomorrow.

# FURTHER OUTLOOK

Fair in the Midlands and South; rain at times further north. Milder.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 29<sup>th</sup> April,  
1949





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

Friday 29th April 1949

No. 31935

OBSERVATIONS at 00hr. G.M.T. 29th April																OBSERVATIONS at 06hr. G.M.T. 29th April																OBSERVATIONS Thursday NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
District.	STATIONS.	Height above M.S.L.	Wind.		Pressure.	Temp.		Cloud.							9h	Weather.	Temperature		Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Direction (degrees).	Speed (kts.).		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.							21 h.-00 h.	Min. "P."		Min. on Grass "P."																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
										Low.	Medium.	High.	Total amount.	Main layer.							Lowest layer.	21 h.-00 h.	Min. "P."	Min. on Grass "P."																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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\* Rainfall read at 0600.

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\* Information not usually received.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Saturday 30th April 1949  
No. 31936

OBSERVATIONS at 12h. G.M.T. 29th April

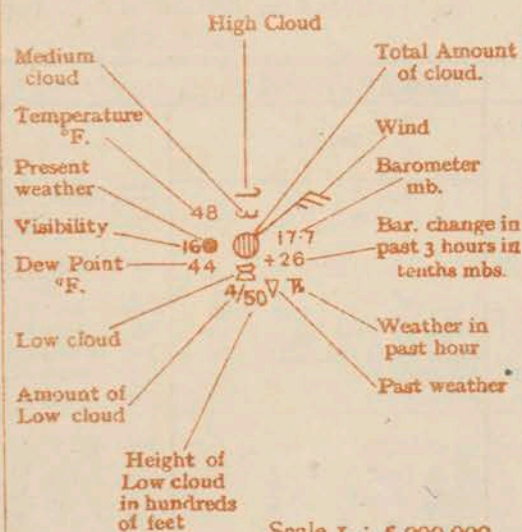
OBSERVATIONS at 18h. G.M.T. 29th April

OBSERVATIONS during DAY (29th)

Distance.	STATIONS. (For heights see p. 4)	Wind.		Visiblty (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						Wind.	Visiblty (Code figures)	Present Weather.	Pressure.		Temp.		Cloud.						24 h State of ground	Weather.  09 to 21 h. (34)	Max Temp. 08h. 21h. °F. (35)	Sun- shine. (36)	Rain 08h. 21h. mm. (37)				
		Direction (degrees)	Speed (kts.)			Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb. °F.	Dew point. °F.	Form.									Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb. °F.	Dew point. °F.	Form.														
										Low.	Medium.	High.	Total amount. 0-8	Main layer. 0-8	Lowest layer. 0-8								Low.	Medium.	High.	Total amount. 0-8	Main layer. 0-8	Lowest layer. 0-8									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	
0	Kew	340	10	81	bc	21.9	+06	51	30	2	-	-	5	5	31	-	-	020	09	30	c	22.3	+07	50	36	8	-	-	6	5	25	-	1	bccyccmo	55	-	-
1	London Airport	340	12	81	bc	22.2	+07	52	35	2	-	-	5	5	30	-	-	360	14	80	bc	22.2	+06	53	36	3	6	-	5	3	70	3	35	bccyprcz	55	*	TR
	Lympe	360	15	81	bc	20.6	-08	51	34	1	-	8	3	3	30	-	-	060	07	80	c	21.3	+05	49	37	5	-	-	7	7	60	-	1	bccyprcz	54	8.8	0.5
	Tangmere	360	18	81	bc	22.1	+03	53	37	1	-	-	4	4	26	-	-	350	08	80	bc	22.3	-04	53	36	1	3	-	5	5	-	2	30	bccybc	55	11.0	-
	Calshot	360	14	81	bc	22.3	+03	51	34	2	-	-	5	5	20	-	-	360	16	81	bc	22.8	+00	53	35	8	-	-	4	3	40	1	30	bccybcy	54	11.0	-
2	Boscombe Down	310	14	81	bc	23.2	+02	51	32	1	-	-	5	5	28	-	-	340	06	81	c	22.8	-02	50	37	8	-	-	6	5	50	2	35	bccybc	54	10.7	-
	Felixstowe	350	16	81	bc	20.3	+10	52	36	1	-	-	4	4	28	-	-	180	08	64	c	21.2	+09	50	43	2	-	-	6	6	30	-	1	bccyprbw	54	10.5	TR
	Gorleston	330	15	80	bc	19.8	+08	51	37	1	-	-	4	4	30	-	-	340	15	80	bc	21.1	+10	47	39	3	-	-	3	3	30	-	1	bccybcprb	53	9.9	TR
	West Raynham	360	10	81	bc	20.1	+05	49	35	2	-	-	5	5	25	-	-	360	15	81	bc	21.7	+10	46	39	2	6	-	5	4	20	-	0	bccyprb	50	11.5	TR
	Mildenhall	310	10	81	bc	20.7	+05	51	36	1	-	-	5	5	25	-	-	020	05	82	bc	22.4	+15	48	38	5	7	-	4	2	-	2	30	bccybcy	54	11.9	-
3	Cranfield	310	10	64	bc	21.3	+04	49	32	1	4	8	4	4	25	-	-	330	05	56	c/pr	22.0	+09	46	37	8	-	-	7	6	30	2	25	bccyccyprc	53	9.1	TR
	Honiley	330	10	80	c	23.0	+04	47	33	8	-	-	7	5	28	3	25	360	12	64	pr	23.9	+13	43	40	8	-	-	8	8	45	2	20	bccyccyprc	53	9.4	0.6
	Wittering	340	16	64	c	21.4	+03	50	34	2	-	-	6	6	25	-	-	040	07	81	c	22.6	+13	47	38	3	-	-	7	7	30	-	1	bccyccyprc	52	8.1	TR
	Watnall	300	11	56	bc	21.6	+01	49	36	2	-	-	5	5	22	-	-	290	05	24	pr	22.9	+13	45	39	8	-	-	7	6	20	-	0	bccyprc	53	7.5	TR
4	Little Rissington	340	16	82	c	23.2	+10	47	29	2	-	-	7	7	22	-	-	360	13	82	bc	22.9	+07	47	33	2	6	-	5	4	30	-	1	bccpraybc	52	11.2	TR
5	Ross-on-Wye	350	13	82	bc	23.6	+01	51	33	8	-	-	3	3	30	-	-	310	08	81	c	23.8	+04	50	38	3	-	1	6	5	30	-	1	bccyccyprc	53	10.1	1
	Shawbury	310	27	82	c	23.8	+03	50	40	3	-	-	6	6	25	-	-	310	20	82	bc	24.1	+06	49	35	2	6	4	3	1	25	-	1	cprbcybc	52	11.6	TR
	Bristol	310	12	82	c	23.7	+02	50	36	1	-	-	7	7	25	-	-	310	12	80	pr	23.4	+00	51	40	5	-	-	6	5	40	3	25	bccyprbc	54	8.3	TR
	Exeter	310	19	83	bc	24.8	+03	53	39	1	-	-	4	3	25	-	-	320	18	82	c	24.3	+00	50	39	1	6	7	7	1	25	-	0	bccy	55	12.0	-
	Portland Bill	010	18	81	bc	24.3	+00	52	37	1	-	-	5	5	30	-	-	340	09	81	c	23.9	+02	52	40	8	3	2	5	2	80	4	30	ccc	54	-	-
	Plymouth	340	11	82	c	26.1	+10	52	31	2	-	-	6	6	20	-	-	360	09	80	c	26.5	+02	49	36	4	1	7	8	2	25	-	0	bccyccycc	52	9.4	-
	Chivenor	300	20	83	b	26.1	+08	51	40	2	-	-	2	2	30	-	-	340	15	82	c	25.9	+00	49	35	1	4	6	7	1	25	-	0	bccycc	52	11.1	-
	St. Eval	350	18	82	bc	27.3	+03	49	38	2	-	-	5	5	20	-	-	340	13	81	c	27.0	-04	47	38	1	-	7	8	1	20	-	0	bcc	51	*	-
	Lizard	330	20	81	bc	26.2	+02	51	37	1	-	-	5	4	-	-	-	340	18	81	c	26.9	+04	48	36	5	-	6	7	4	20	-	0	bcc	51	11.1	-
	Scilly, St. Mary's	350	16	82	bc	27.7	+04	52	40	2	-	-	4	4	-	-	-	340	15	83	c	27.5	-03	50	37	1	-	7	7	2	22	-	0	bcc	54	12.2	-
6	Guernsey	350	15	82	b	24.9	+10	49	36	2	-	-	2	2	11	-	-	350	15	82	bc	24.4	+01	50	36	2	-	4	4	1	22	-	0	bcc	52	13.0	-
7	Aberporth	320	11	81	bc	25.8	+06	48	38	2	-	-	3	3	20	-	-	310	04	81	c	25.6	+01	46	38	8	6	2	7	1	45	1	21	bcc	49	10.4	-
8	Pembroke	310	15	81	bc	26.8	+03	48	39	2	-	4	5	1	86	4	25	310	05	81	c	26.4	-04	49	40	2	7	8	8	6	80	1	30	bccbc	51	11.8	-
	Holyhead (Valley)	340	20	81	bc	25.4	+07	50	39	1	4	-	5	3	30	-	-	360	10	82	c	25.5	+02	48	44	2	7	7	7	4	-	1	25	bccypr	51	11.3	TR
	Manchester	310	19	80	c/pr	22.4	+04	48	41	8	-	-	5	6	30	4	20	330	11	48	c	23.2	+10	50	32	3	6	-	7	7	7	-	1	cprbc	53	7.9	



## STATION MODEL



LOW

6h

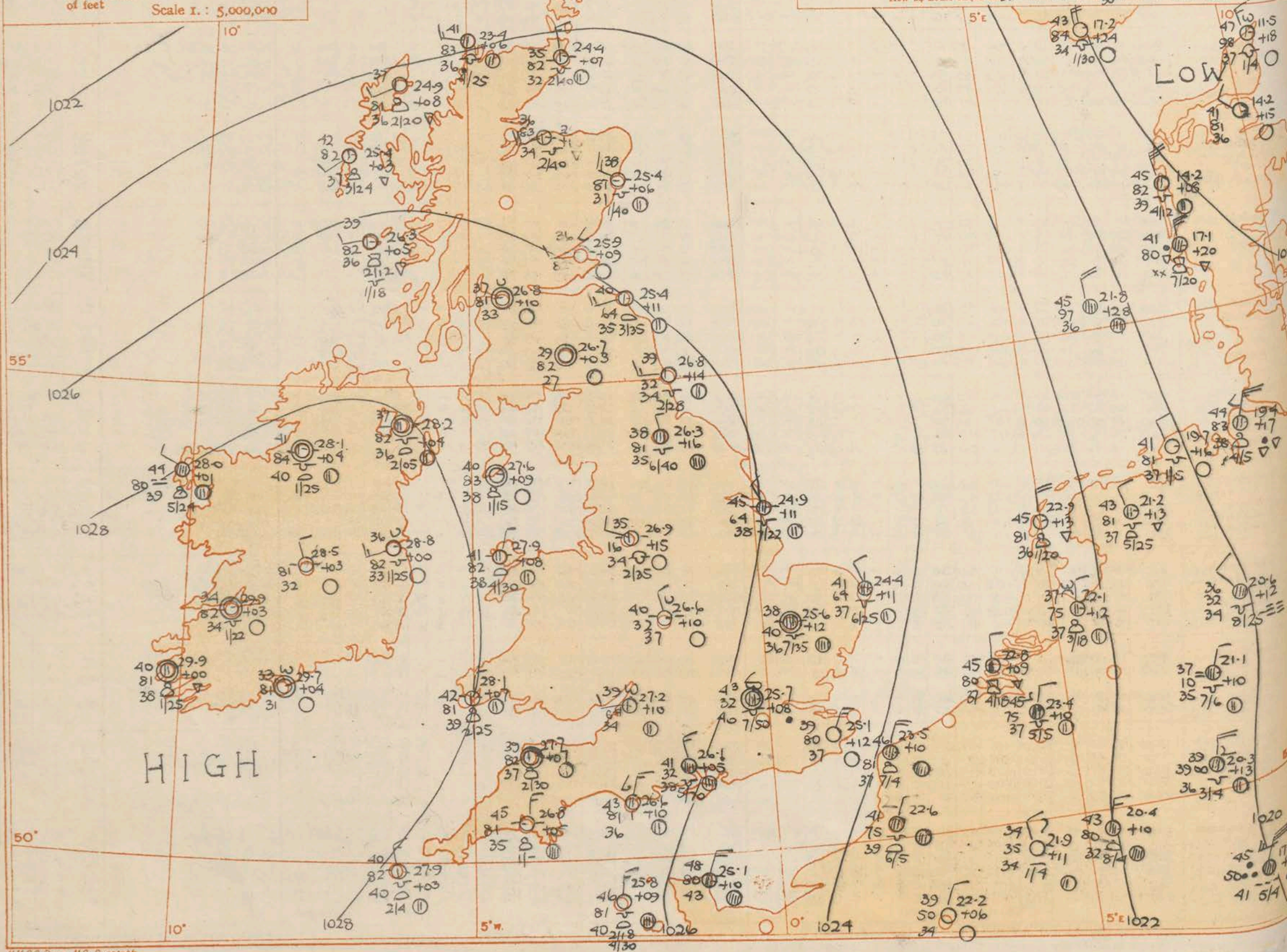
Saturday 30th April

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.	Min. on grass	Day mm.	Night mm.		Yesterday	To-day
Kew ...	bcycem.	cm, p, bc.		55	40	28	-	TR	11.7		
London Airport	bey pr. cz.	cbz, bcw		55	38	34	TR	TR		52	78
Greenwich ...											
Westminster				58	42	37	-	-		50	75
Regents Park				56	39	33	-	-		49	77
Camden Square	b	c		58	40	33	-	-			70
Kensington ...	bc	bc		57	40	33	-	-		60	75
Hampstead ...	bcc	bc	bc	55	38	29	TR	-			70

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h 30m Max. 0.1 Time 0.4h Min. 0.1 Time 0.9h 2.9h

HIGH



# GENERAL INFERENCE

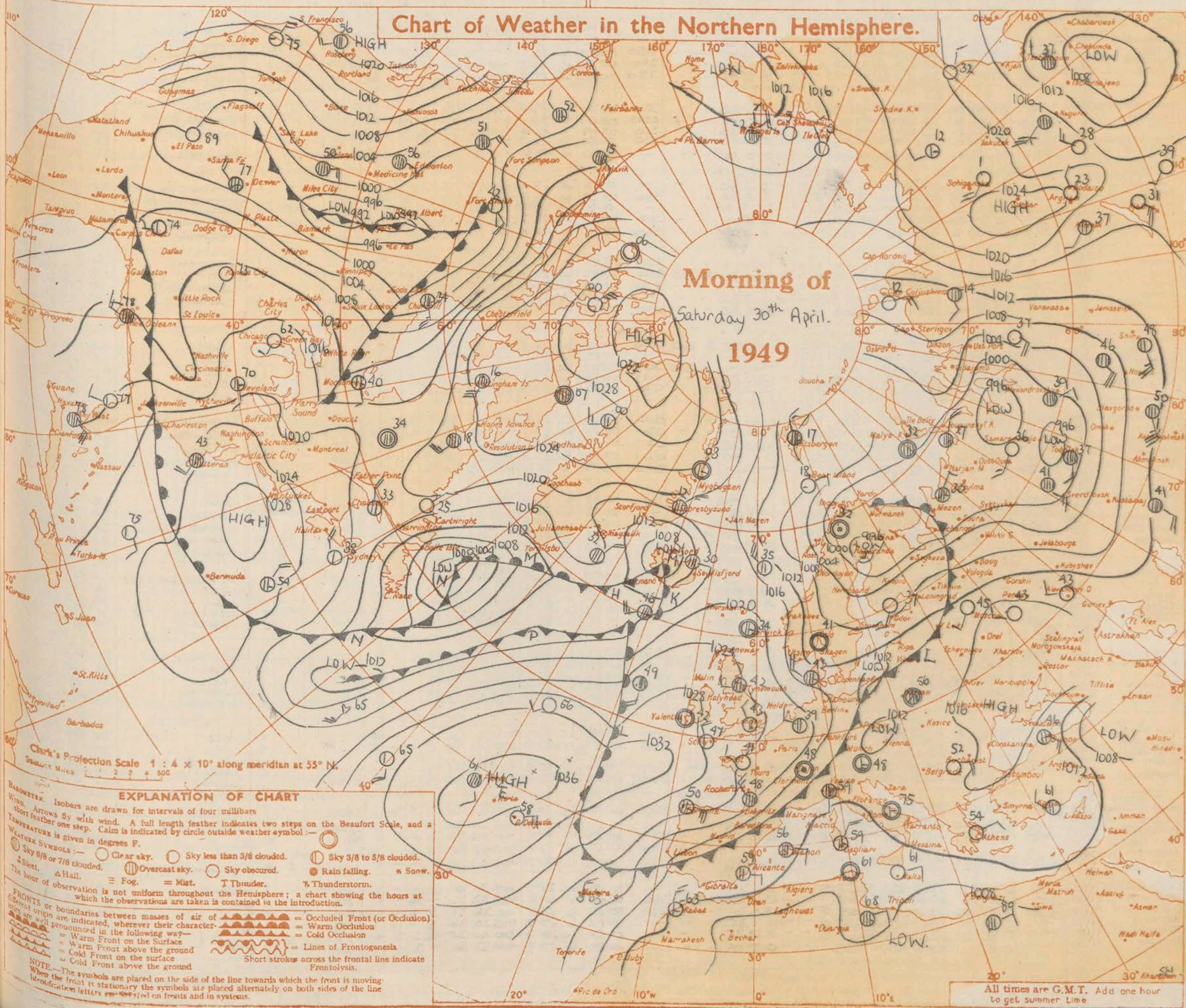
A ridge of high pressure over the British Isles will move eastward followed by a trough of low pressure. There will be scattered showers over England and Wales today especially in eastern districts. Showers in Scotland will give way to cloudy conditions with some rain or drizzle towards and during the night. Similar conditions may extend to Northern England tomorrow: temperatures will be around normal generally but slight or keen air frost is possible tonight in the midlands and south.

# FURTHER OUTLOOK

Fair in the south. Less settled with some rain or drizzle.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 30<sup>th</sup> April.  
1949





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday... 30th April 1949  
No... 31936

[illegible]

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\* Information not usually received.