M.O FORM 2373

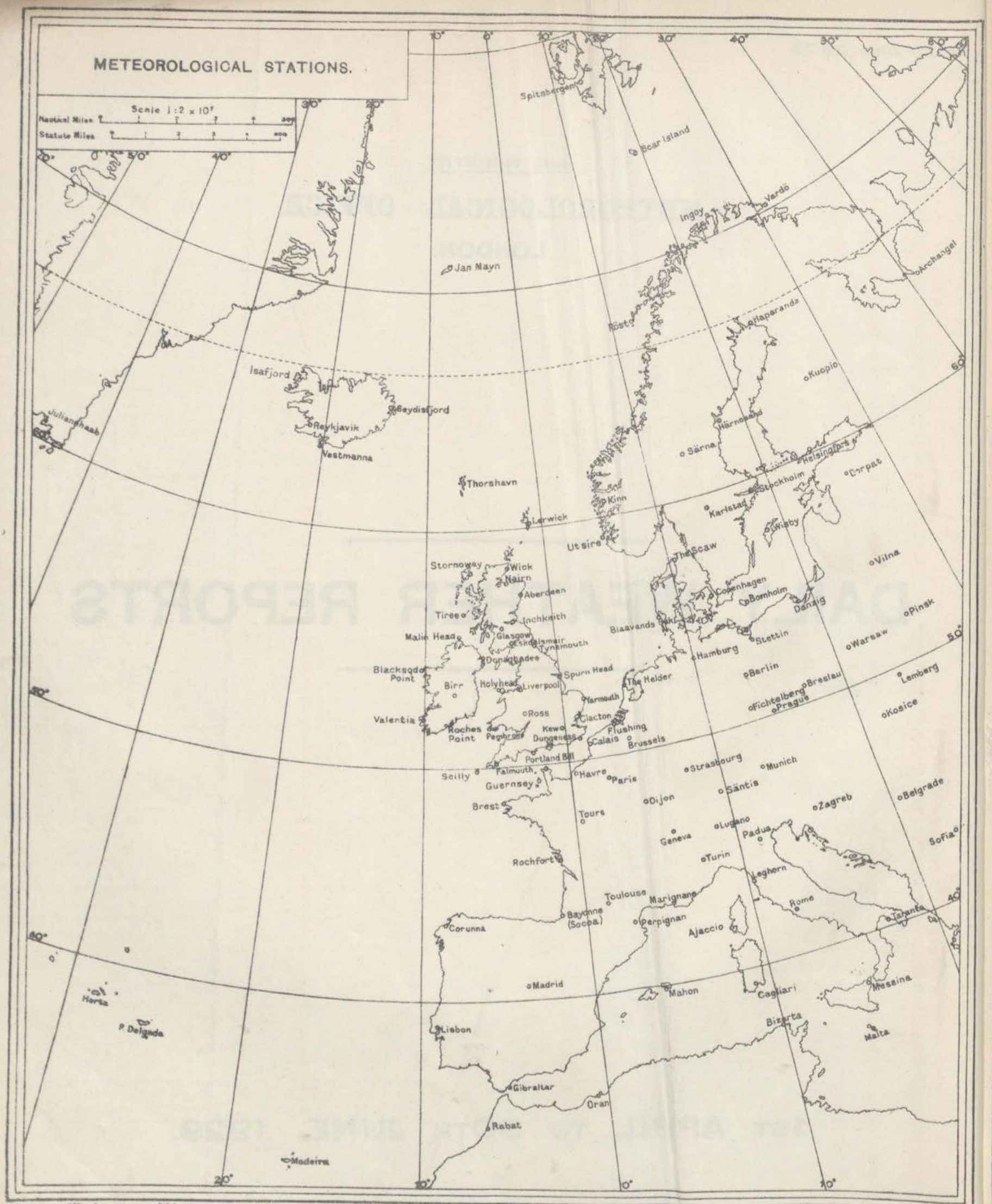
AIR MINISTRY.

METEOROLOGICAL OFFICE.

LONDON.

DAILY WEATHER REPORTS

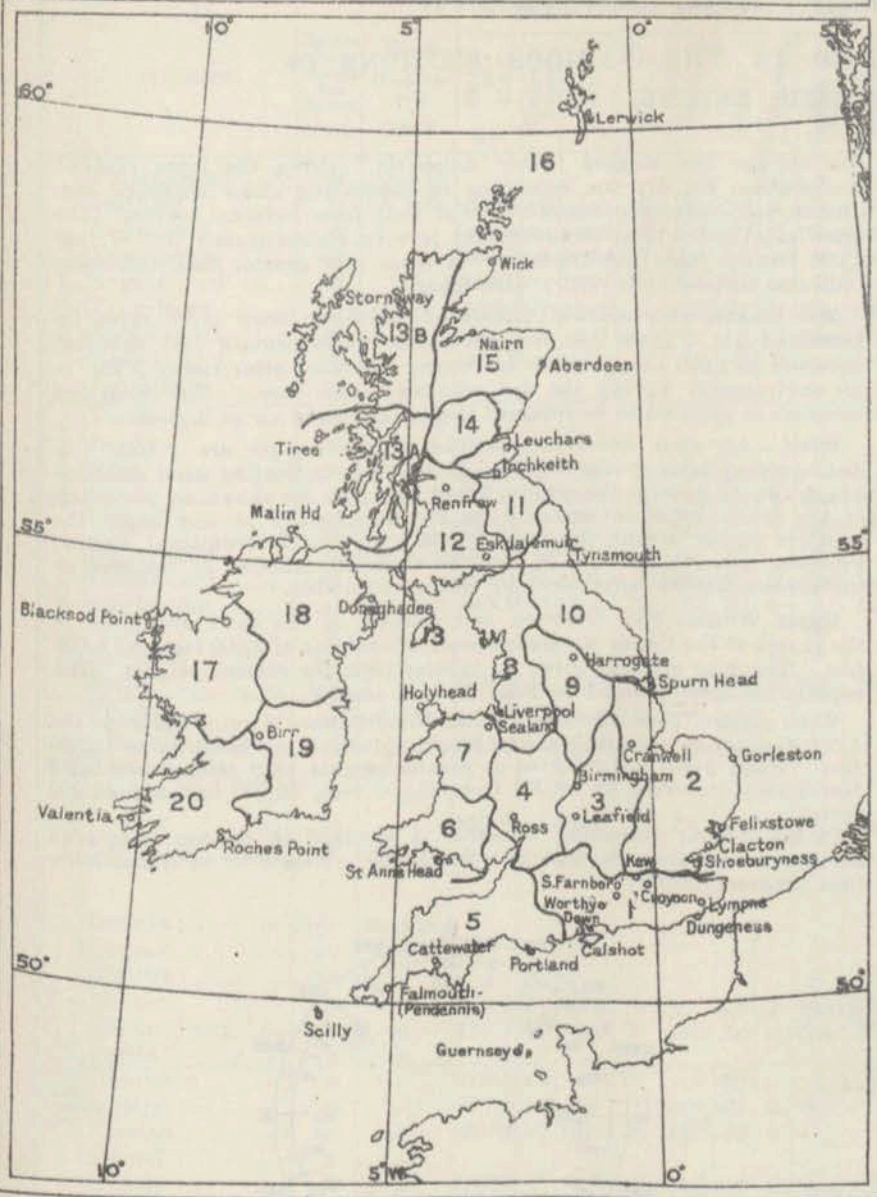
1ST APRIL TO 30TH JUNE, 1929.



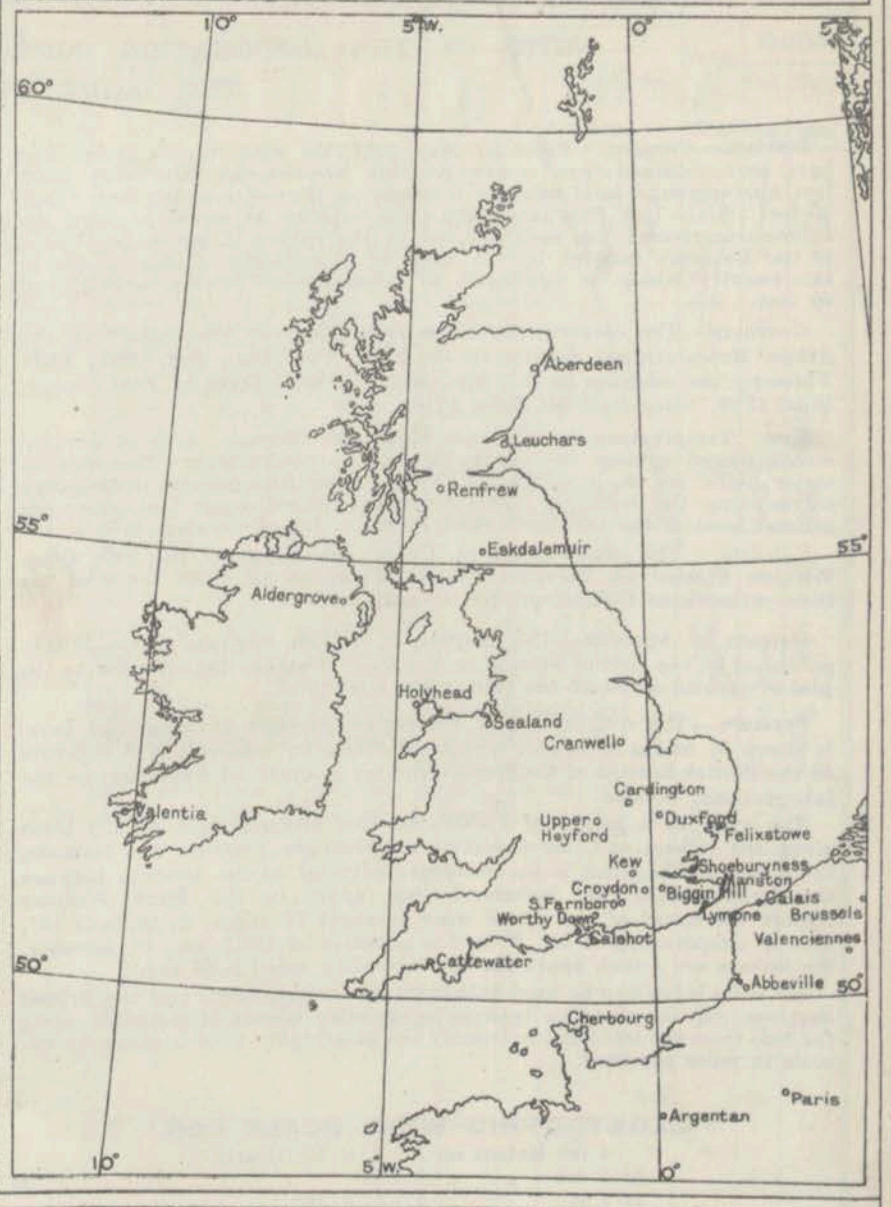
H.M. Stationery Office Press, Kingsway, W.C.2.

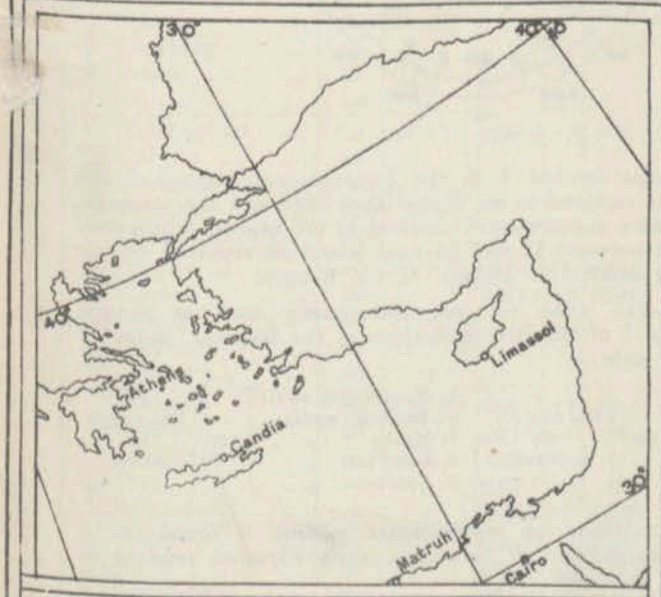
Ps.2057/1932. No.29 D.L.005 870 8/29.

FORECAST DISTRICTS AND BRITISH STATIONS



STATIONS USED FOR UPPER AIR SUPPLEMENT.





BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy. d drizzle.
e wet air. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
g gloomy. jp precipitation within sight of station.
p passing showers. q squally.
r rain. s snow. rs sleet. t thunder.
u ugly, threatening. v unusual visibility. w dew. x hoar frost.
y dry air. z dust haze; the turbid atmosphere of dry weather.

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; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intensity, suffix o indicates slight; and repetition of letters continuity, thus:—

R = heavy rain.
rr = continuous moderate rain
$r_o r_o$ = continuous light rain.

FORECAST DISTRICTS

1. *England, S.E.*
   Kent.
   Sussex.
   Surrey.
   Hampshire.
   Berkshire.
   Wiltshire.

2. *England, E.*
   Essex.
   Middlesex.
   Hertford.
   Bedford.
   Huntingdon.
   Cambridge.
   Suffolk.
   Norfolk.
   Lincoln.

3. *Midlands, E.*
   Buckingham.
   Oxford.
   Northampton.
   Warwick.
   Leicester.
   Rutland.
   Nottingham.

4. *Midlands, W.*
   Gloucester.
   Hereford.
   Worcester.
   Shropshire.
   Stafford.

5. *England, S.W.*
   Dorset.
   Somerset.
   Monmouth.
   Devon.
   Cornwall.

6. *Wales, S.*
   Glamorgan.
   Brecknock.
   Carmarthen.
   Pembroke.
   Cardigan.
   Radnor.

7. *Wales, N.*
   Montgomery.
   Merioneth.
   Flint.
   Denbigh.
   Carnarvon.
   Anglesey.

8. *England, N.W.*
   Cheshire.
   Lancashire.
   Westmorland.
   Cumberland.

9. *Midlands, N.*
   Derby.
   Yorkshire, W.

10. *England, N.E.*
    Yorkshire, N. & E.
    Durham.
    Northumberland.

11. *Scotland, S.E.*
    Roxburgh.
    Selkirk.
    Peebles.
    Berwick.
    Haddington.
    Edinburgh.
    Linlithgow.
    Clackmannan
    Kinross.
    Fife.
    Forfar.

12. *Scotland, S.W., and Isle of Man.*
    Isle of Man.
    Dumfries.
    Kirkcudbright.
    Wigtown.
    Ayr.
    Lanark.
    Renfrew.
    Dumbarton.
    Stirling.

13A. *Scotland, W.*
    Argyll.
    Bute.

13B. *Scotland, N.W.*
    Hebrides.
    Western parts of Inverness, Ross and Cromarty, Sutherland.
    (Boundary line runs from Rannoch Station through Fort Augustus, Beauly and Lairg to Melvich).

14. *Mid. Scotland.*
    Perth.

15. *Scotland, N.E.*
    Kincardine.
    Aberdeen.
    Banff.
    Elgin.
    Nairn.
    Caithness.
    Eastern parts of Inverness, Ross, Sutherland.

16. *Orkneys and Shetlands*

17. *Ireland, N.W.*
    Galway.
    Roscommon.
    Mayo.
    Sligo.
    Leitrim.

18. *Ireland, N.E.*
    Meath.
    West Meath.
    Longford.
    Cavan.
    Fermanagh.
    Monaghan.
    Louth.
    Armagh.
    Down.
    Antrim.
    Londonderry.
    Tyrone.
    Donegal.

19. *Ireland, S.E.*
    Waterford.
    Wexford.
    Kilkenny.
    Carlow.
    Offaly.
    Leix.
    King
    Kildare
    Dublin.

20. *Ireland, S.W.*
    Cork.
    Kerry.
    Limerick.
    Tipperary
    Clare.

AIR MINISTRY.

METEOROLOGICAL OFFICE, LONDON.

NOTES ON THE INFORMATION CONTAINED IN THE VARIOUS SECTIONS OF THE DAILY WEATHER REPORT.

Stations.—*Croydon.* From 1st May, 1928, the wind records at Croydon have been obtained from a new site, the anemometer vane being 104·5 feet above ground level whereas formerly in the old site the height was 40 feet. Since 15th February, 1929, the velocity as measured from the anemometer record has been reduced in the ratio 6:5 before conversion to the Beaufort number by the table of equivalents in general use in this country which is applicable to anemometers having a height of 40 feet.

Guernsey.—The observations have been taken at the station of the States Meteorological Service in St. Peter Port from June 10th, 1929. Formerly the readings at 7h., 13h., and 18h. were taken at Fort George, those at 0h. being from St. Peter Port.

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

Valentia. The observations at 1 a.m. are taken at the Post Office Wireless Station on Valentia Island. Those at all other hours at the Observatory near Cahirciveen on the mainland.

Heights of Stations.—The heights of British Stations above M.S.L. published in the British Section of the Daily Weather Report refer to the plot of ground on which the rain gauge is situated.

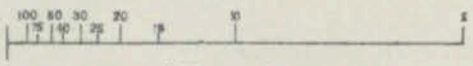
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

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

The scale below can be used with both the International and the British Sections. If the distance between consecutive isobars is measured along the rule from the left-hand extremity the geostrophic wind is shown by the scale in miles per hour.

GEOSTROPHIC WIND SCALE FOR

4 mb isobars on $1 : 2 \times 10^7$ Charts.
or 2 mb " " $1 : 10^7$ "
or 1 mb " " $1 : 5 \times 10^6$ "



Miles per hour.

This scale applies under the following conditions:—

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

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

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

In ship reports published on page 3 of the British Section of the Report sea temperature is given below air temperature and is preceded by the word "Sea."

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

$x = f - \cdot 444\,(t - t')$ for wet bulb readings above 32° F.
$x = f - \cdot 400\,(t - t')$ for wet bulb readings below 32° F.

where x is the vapour pressure in mb.;
f the saturation vapour pressure at the temperature of the wet bulb;
t the dry bulb temperature; and
t' " wet " "

The tables used for calculating humidities from the readings of the dry and wet bulb thermometers on aeroplanes, are based on a formula similar to the above, but allowance is made for the variation of barometric pressure with height and for the increased ventilation of the thermometers.

Upper Air Temperature.—The British observations are made normally, one at 1,000 feet above the level of the aerodrome, and the remainder at *pressures* of 950, 900, 850, 800, etc., millibars. Heights are then computed and, apart from instrumental error, are correct heights: they do not require modification for differences of temperature from normal as these are allowed for in the computation. The values are shown graphically and in tabular form in the Upper Air Supplement. On the diagram, temperatures are given in degrees Fahrenheit and Absolute. The oblique line marked "Dry Adiabatic" shows the lapse rate of temperature for dry air ascending or descending under adiabatic conditions, *i.e.*, without communication of heat from external sources. The lapse rate under these circumstances is very approximately 5·5° F. per 1,000 feet, or 10°a per kilometre. A lapse rate greater than this value indicates instability in a dry atmosphere.

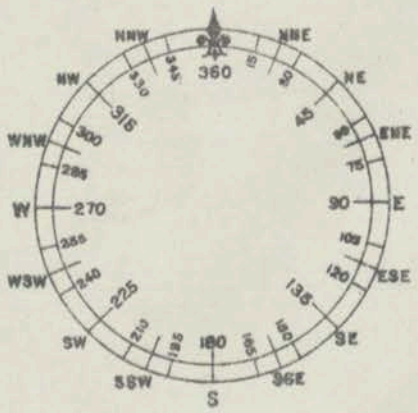
The broken lines marked Saturated Adiabatic show lapse rates for saturated air. These are for air masses which contain just sufficient moisture at 1,015 mb. pressure to become saturated after rising 1 km. in an environment having the dry adiabatic lapse rate. The condensed moisture is assumed to be retained thereafter in the air as it rises.

Wind.—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. Wind velocities are shown on the charts of the British Section and Upper Air Supplement in m.p.h. by the numbers placed within the small circles. In the International Section velocities are not shown. In both Sections the number of feathers on the arrows denotes wind force by Beaufort number.

Upper Winds.—The direction and velocity of the wind are given in the charts of the Upper Air Supplement for heights of 2,000 feet and 6,000 feet. The data are also given in tabular form for various heights. The reports are usually based on Pilot Balloon ascents.

Wind reports deduced from British Pilot Balloon Ascents refer to the 1,000 feet layers centering at the heights given in the table up to 16,000 feet. When winds are reported at greater heights, they refer to the 5,000 feet layers centering at 20,000 feet, 25,000 feet, 30,000 feet and 35,000 feet.

In the tabular statement direction is specified in degrees from true north measured through East 90°, South 180°, West 270° to North 360°. (See diagram below.)



Rainfall.—At Stations marked † in the International Section of the Report, the rainfall is received in an abbreviated code and the measurement entered is therefore not necessarily correct to the nearest millimetre. For example any fall between 11 and 15 mm. would be reported by the same code figure and entered as 13 mm. in the Report.

Sea Disturbance.—The code for sea disturbance used at coastal stations is given on p. 1 of the British Section of the Report. Ships at sea use the following code:—

0. No or slight swell 1. Moderate swell 2. Heavy " 3. Long low " 4. Confused "	and	Sea smooth to moderate.	5. No or slight swell 6. Moderate swell 7. Heavy " 8. Long low " 9. Confused "	and	Sea rough or above.

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

The entries in the British Section of the Report for the stations in the main tables on pages 1, 2, and 4 are compared with those in the returns received from the stations at the end of the month and errors in the Report so found are noted in the monthly correction sheets.

The reports from the London Stations on page 1 and from the Health Resorts on page 4 are not subjected to the same close scrutiny but if any errors are found these are also noted in the correction sheets.

Times of Sunrise, Noon and Sunset.—From January 1st, 1926, the times of Sunrise, Noon and Sunset published in the British Section of the Report for certain stations have been recalculated from (1) the figures for the duration of sunshine contained in the International Meteorological Tables and (2) the value of the sun's declination and the equation of time published in the Nautical Almanac. The change of declination of the sun on the same day from year to year over a cycle of four years is now taken into account. This change was formerly neglected.

SUPPLEMENT TO THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SELECTED STATIONS ISSUED ON THE 1st DAY OF EACH MONTH.

Notes on the Weather of MAY, 1929.

During the first half of the month high pressure predominated to the northwest and southwest of the British Isles, leaving a track for depressions across the country. Weather was unsettled and mainly rather cool, with heavy local rain at times and considerable periods of bright sunshine. Among the heaviest falls of rain during this period were 35 mm. at Nairn on the 6th, 27 mm. at Scilly Isles on the 5th and 27 mm. at Eskdalemuir on the 4th. Thunder was reported locally on the 7th., 8th., 14th and 15th.

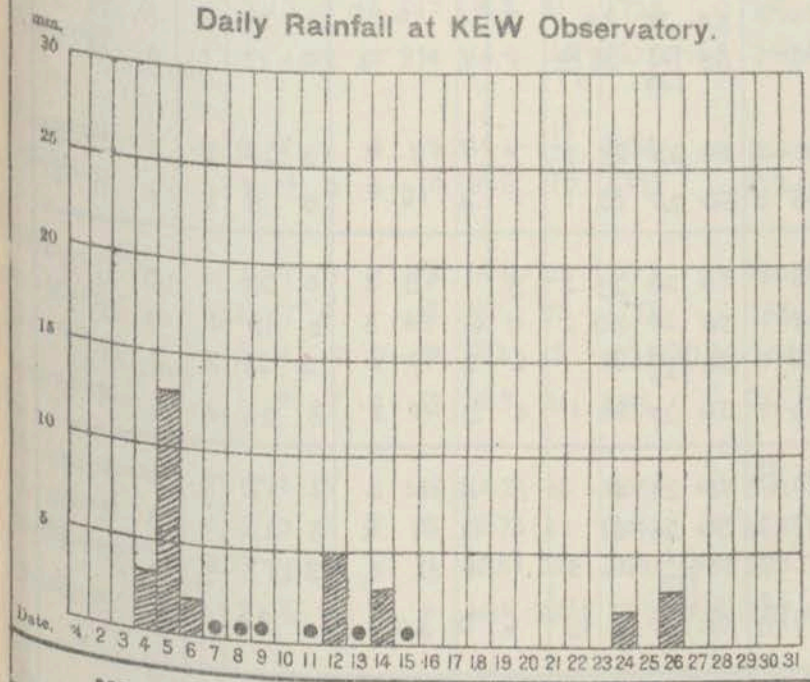
Anticyclonic conditions became established on the 16th and practically no rain fell throughout the country until the 21st. when a depression on the Atlantic spread eastwards causing rain in the West and North. In the eastern districts of England it continued dry with a rising temperature until the 24th.

On the 24th. a shallow trough of low pressure crossed Great Britain occasioning local thunderstorms and on the 26th and 27th shallow depressions off S.W. Ireland and over France caused further thunderstorms and scattered heavy rain. Temperature continued high locally until the 28th.

During the last few days an anticyclone off our Northwest coasts maintained dry weather over most of the country, cool, with a good deal of cloud in eastern districts but bright in the West. In the extreme southwest, however, almost continuous rain was experienced for about 2 days, Scilly registering as much as 22mm. on the 28th.

Sunshine was well above the normal in many places and rainfall was very variable. At some stations the total rainfall was well above the normal but elsewhere it continued deficient.

Daily Rainfall at KEW Observatory.



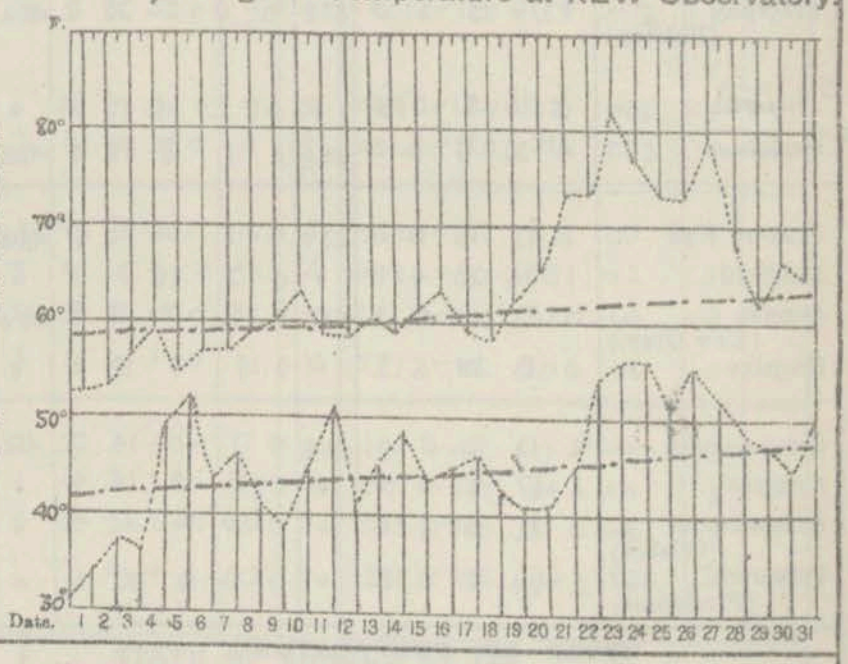
TEMPERATURE.

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.

RAINFALL.

● = less than 0·5 mm.
Total for month 32 mm.

Daily Range of Temperature at KEW Observatory.

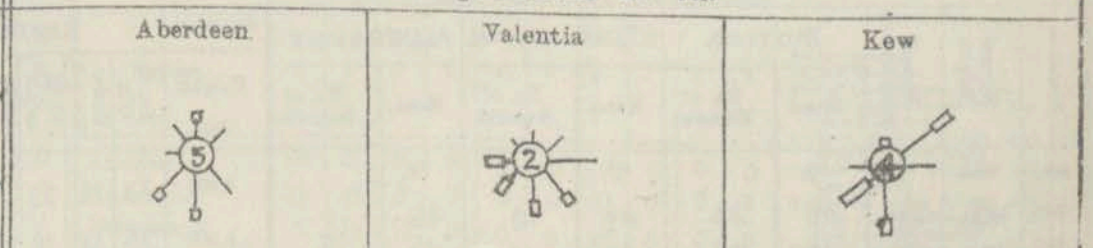


MEAN VALUES FOR THE MONTH.*

	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
	mb.	mb.	°F	°F.
Aberdeen	1013·7	−1·3	48·9	+0·6
Valentia	1012·4	−2·9	52·1	−0·2
Kew	1015·9	0	54·4	+1·0

* Pressure — mean for the 24 hours.
Temperature — mean of Max. and Min.

WIND FREQUENCIES AT 7h.



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

H.M.S.O. Press, Kingsway, W.C.2.

Fs. 2222/1908. Wt. 28. D.6004. 960. 6/29.

SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE,

	TEMPERATURE.																							LOW CLOUD.								
	Number of daily readings within fixed limits.											Extremes—Warmest and Coldest.										Number of observations within fixed limits.								
	† Maximum.						† Minimum.					Days.				Nights.						7H.			13H.			18H.		
	42 — 50	51 — 59	60 — 68	69 — 77	78 — 86	Normal Max.	23 or below	24 — 32	33 — 41	42 — 50	51 — 59.	Normal Min.	Highest Max.	Date.	Lowest Max.	Date.	Highest Min.	Date.	Lowest Min.	Date.	Number of Ground Frosts.	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.
						°F.						°F.	°F.		°F.		°F.		°F.											
Stornoway ...	6	21	4	0	0	53·7	0	1	11	18	1	41·3	64	19	48	4, 9	51	27	26	1	*	0	24	0	0	22	0.	0	20	1
Aberdeen ...	5	21	5	0	0	54·9	0	2	9	20	0	41·7	67	26	47	6	50	26, 28	30	1	5	6	16	1	4	24	1	2	22	1
Edinburgh ... (Inchkeith)	3	25	3	0	0	*	0	0	10	18	3	*	63	25	44	6	52	23, 26	35	1	2	19	12	0	8	20	1	10	17	0
Renfrew	1	15	12	3	0	*	0	5	9	15	2	*	74	27	45	6	53	23	28	1	10	5	15	3	2	23	2	3	16	7
Eskdalemuir ...	6	13	10	2	0	*	1	4	16	10	0	*	71	27	45	6	50	23, 26	20	1	9	7	15	1	3	24	1	2	22	2
Dublin ... ... (Phœnix Park)	0	14	17	0	0	58·1	0	4	12	15	0	41·6	68	21	51	1, 7	49	22, 23	26	1	3	*	*	*	*	*	*	*	*	*
Birr Castle ...	0	15	13	3	0	59·8	0	0	13	16	2	42·7	71	27, 28, 31	52	1, 6, 7	55	28	33	3	8	0	19	1	0	25	2	0	21	5
Valentia ... ... (Cahirciveen)	0	25	5	1	0	57·9	0	0	6	18	7	46·5	76	28	51	7	58	29	36	2	0	5	25	0	6	24	1	7	23	1
Tynemouth ...	7	20	4	0	0	54·9	0	1	6	22	2	42·4	68	25	47	3	53	23	32	1	3	7	21	0	4	25	0	5	25	0
Holyhead ...	1	23	7	0	0	56·0	0	0	3	24	4	45·6	64	28	50	6	54	28	39	1	0	4	16	5	2	20	2	5	10	5
Liverpool ... (Bidston) ...	1	16	5	5	0	58·2	0	0	5	20	6	45·3	73	27	48	1	55	23, 28	38	3, 7	1	1	18	2	0	17	1	0	14	0
Cranwell	0	16	8	6	1	*	0	2	14	15	0	*	81	23	51	1	50	23	28	3	7	7	8	4	2	24	2	1	22	2
Gorleston ...	4	21	6	0	0	55·9	0	1	8	18	4	45·2	64	24, 25	45	2	54	25	32	1	1	2	16	1	0	18	2	1	11	1
Ross-on-Wye ...	1	12	13	5	0	63·0	0	1	14	12	4	43·6	76	23	48	1	55	24	29	2	9	1	19	3	0	25	1	0	21	1
Leafield	1	16	10	4	0	*	0	2	16	11	2	*	76	23	48	1	54	24	30	3	11	6	14	3	0	19	4	0	15	8
London ... ... (Kew Obsy.)	0	13	11	5	2	61·7	0	1	7	15	8	45·0	82	23	52	1	56	24, 25	31	1	6	2	17	0	2	21	2	2	15	1
Croydon	0	13	10	6	2	*	0	1	9	15	6	*	81	23	52	1	56	27	30	1	4	9	10	2	3	20	4	2	18	3
Shoeburyness ...	2	12	12	5	0	60·9	0	1	11	14	5	45·1	74	22	50	1, 2	53	27	31	1	5	4	14	1	2	17	7	1	11	3
Lympne	2	17	8	4	0	*	0	2	9	16	4	*	77	23	47	1	56	24	31	1	6	12	8	2	3	20	1	3	13	4
Southampton ... (Calshot)	0	12	15	4	0	*	0	0	6	21	4	*	73	28	51	1	55	24, 27, 28	36	3	1	4	12	1	3	17	5	3	12	2
Falmouth ... (Pendennis)	2	24	5	0	0	*	0	0	0	26	5	*	61	16	50	2, 18	54	28	42	1, 3	*	0	30	1	1	30	0	0	29	0

UPPER AIR TEMPERATURE.

Pressure.	Normal Height.	Normal Temperature.	DUXFORD. Mean.	DUXFORD. No. of Reports.	S. FARNBOROUGH. Mean.	S. FARNBOROUGH. No. of Reports.	ALDERGROVE. Mean.	ALDERGROVE. No. of Reports.
mb.	feet.	°F.	°F.		°F.		°F.	
950	1830	47	49	34	49	19	46	1
850	4810	38	40	34	39	19	42	3
750	8090	28	30	34	28	13	31	3
650	11,770	17	18	34	17	11	25	2
550	15,350	3	3	33	6	5	-	-

UPPER WINDS.

(No. of records of Velocity (m.p.h.) within fixed limits.)

STATION.	RENFREW.							CATTEWATER.							LYMPNE.						
Height. Feet.	No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.		No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.		No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.	
2,000	53	12	33	8	-	-		56	15	25	16	-	-		75	19	37	14	5	-	
5,000	39	12	19	8	-	-		21	8	11	2	-	-		31	8	18	5	-	-	
10,000	22	6	11	5	-	-		15	5	9	1	-	-		3	1	2	-	-	-	
15,000	10	1	8	1	-	-		5	3	2	-	-	-		-	-	-	-	-	-	

† The readings used are, except in the case of Phœnix Park, the maximum for the period 7h.–18h., and the minimum for the period 18h.–7h. The normal values given above are based on extremes taken over the 24 hours.

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

RAINFALL, HUMIDITY AND LOW CLOUD, MAY, 1929.

	SUNSHINE. Number of Days with duration. Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Maximum Duration. Hours.	Date.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	RAINFALL. Number of days with amount.‡ 0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Maximum fall in 24 hrs. mm.	Date.	Total for past 12 months.	Difference from Average.	Total for Month.‡	Difference from Average.	Days with Thunder.	Days with Snow or Sleet.
								hours.	hours.	hours.	hours.									mm.	mm.	mm.	mm.		
Stornoway ...	0	6	5	7	13	15.4	29	1393	+184	236	+45	13	3	15	0	0	0	7	23	946	−320	57	−8	0	0
Aberdeen ...	0	9	7	10	5	15.0	26	1348	−39	179	−8	17	1	9	3	1	0	18	6	704	−44	58	−1	2	0
♮Edinburgh ... (Inchkeith)	2	5	10	5	9	14.7	29	1540	*	194	*	21	3	5	2	0	0	12	4	588	+34	36	−12	5	0
♮Renfrew	3	7	8	3	10	14.1	28	1233	*	195	*	16	4	5	6	0	0	15	6	976	+51	61	+3	0	0
♮Eskdalemuir ...	3	6	7	6	9	13.5	27	1313	*	191	*	15	2	7	5	1	1	27	4	1649	+220	107	+23	1	0
Dublin ... ... (Phœnix Park)	2	2	6	7	14	13.9	31	1579	+72	240	+35	17	4	7	3	0	0	7	23	661	−44	39	−14	0	*
Birr Castle ...	1	5	9	6	10	13.0	29	1405	+62	201	+19	17	6	3	5	0	0	14	22	853	+24	65	+8	0	0
Valentia ... ... (Cahirciveen)	2	6	8	8	7	13.6	19	1489	+44	178	−25	11	5	8	7	0	0	13	21	1566	+152	90	+9	0	0
Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	20	7	4	0	0	0	4	6	586	−35	15	−36	1	0
Holyhead ...	3	2	3	6	17	14.5	31	1729	*	267	*	18	2	6	4	1	0	17	7	896	+8	66	+16	0	0
♮Liverpool ... (Bidston)	0	4	8	5	14	14.4	25	1625	+169	241	+42	20	3	5	3	0	0	9	4	601	−108	35	−13	0	0
♮Cranwell	0	8	6	4	13	14.2	19, 21	1674	*	226	*	22	3	5	1	0	0	7	5	484	−106	25	−21	1	0
Gorleston ...	7	4	0	6	14	14.6	19	1727	*	223	*	20	7	4	0	0	0	5	5, 6, 12	472	−150	21	−23	1	0
Ross-on-Wye ...	1	7	3	7	13	14.8	25	1677	*	234	*	20	3	4	3	1	0	16	5	560	−158	53	−1	1	0
♮Leafield	1	7	4	1	18	15.1	25	1755	*	248	*	18	5	6	1	1	0	16	4	602	−92	49	−2	1	0
London ... ... (Kew Obsy.)	2	4	5	7	13	14.5	19	1735	+260	244	+43	21	3	5	2	0	0	13	5	491	−115	32	−12	2	0
♮Croydon	1	4	7	6	13	14.9	21	1746	*	252	*	22	3	3	2	1	0	21	5	577	−102	39	−8	1	0
Shoeburyness ...	1	4	5	3	18	14.2	21	1932	*	263	*	23	5	2	1	0	0	7	5	431	−49	17	−15	2	0
♮Lympne	2	3	3	8	15	14.7	21	2003	*	263	*	23	1	4	2	1	0	23	5	617	−107	44	+4	2	0
♮Southampton ... (Calshot)	2	3	4	3	19	14.8	25	1982	*	270	*	22	0	6	2	1	0	24	5	543	−103	51	+6	1	0
Falmouth ... Observatory	3	6	6	5	11	14.4	20	1774	+15	207	−24	16	1	7	5	0	2	27	4	981	−126	114	+58	2	0

MINIMUM SURFACE HUMIDITY.

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

Station.	95–100 %.	90–94 %.	80–89 %.	70–79 %.	60–69 %.	50–59 %.	40–49 %.	30–39 %.	20–29 %.
Aberdeen ...	0	0	1	6	16	6	2	0	0
Renfrew	0	1	1	2	9	9	5	4	0
Eskdalemuir ...	0	0	3	2	5	9	6	5	1
Valentia	0	0	3	7	9	11	1	0	0
Ross on Wye ...	0	0	1	1	2	10	7	7	3
London ... ... (Kew Obsy.) ...	0	0	1	1	1	11	7	4	6
Falmouth ...	0	2	4	6	10	5	4	0	0

STATE OF GROUND AT 13 h.

No. of Days each type was recorded.

Station.	0	1	2	3	4	5	6	7	8	9
Aberdeen ...	10	21	0	0	0	0	0	0	0	0
Renfrew	13	15	3	0	0	0	0	0	0	0
Eskdalemuir ...	5	11	15	0	0	0	0	0	0	0
Valentia	13	11	1	0	0	6	0	0	0	0
Ross on Wye ...	19	10	0	0	0	2	0	0	0	0
London ... ... (Kew Obsy.) ...	22	8	1	0	0	0	0	0	0	0

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 1300 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer.
9=Glazed roads (ice on roads from frozen rain or melted snow).

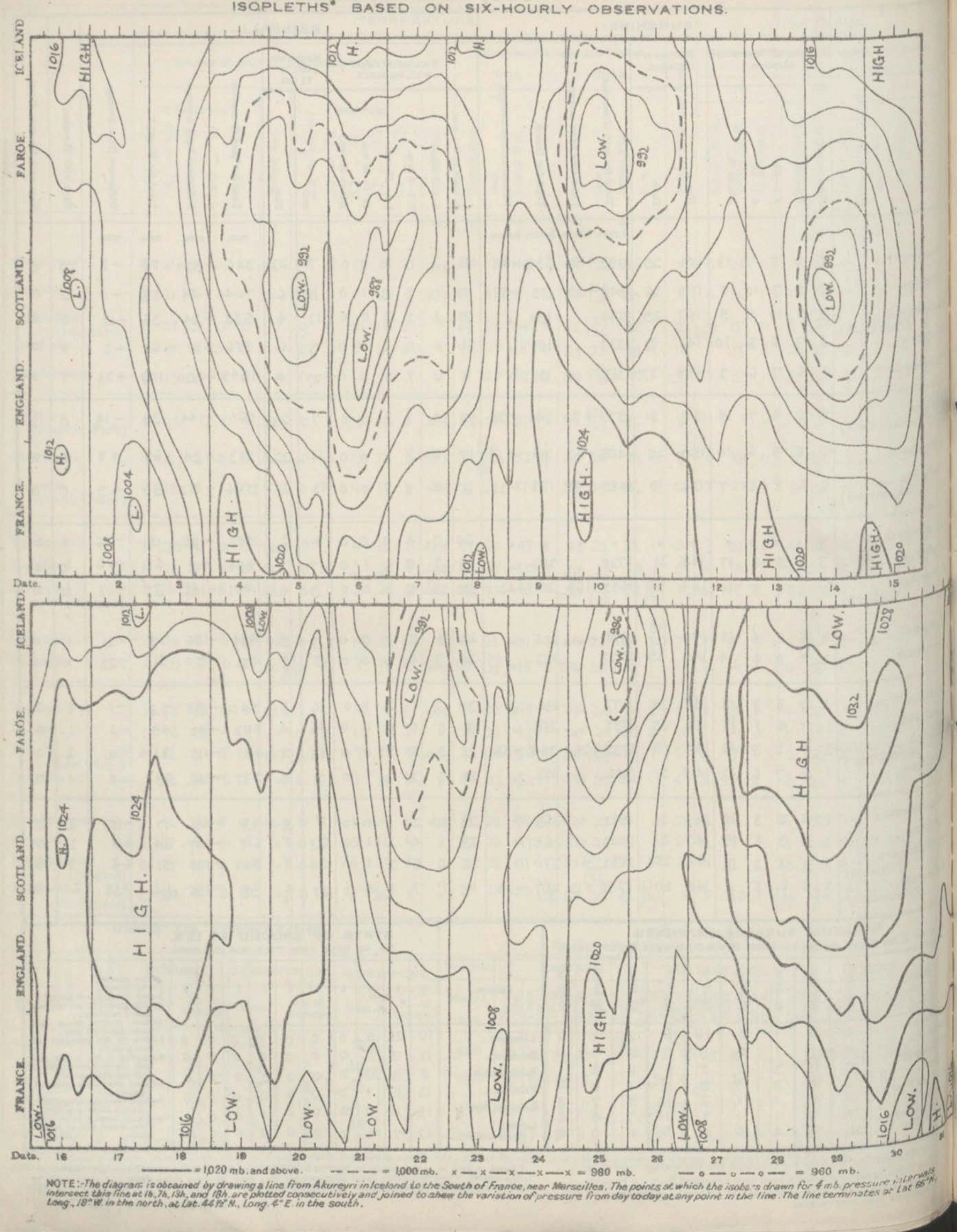
♮ The average sunshine for Liverpool and the average rainfall for the other stations marked ♮ have been computed from the records available for these several stations by reference to the nearest stations with long records.

‡ Based in part on reports made by telegraph in which the day & 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.

G. C. SIMPSON, F.R.S., *Director.*

PRESSURE: ICELAND TO GULF OF LIONS ..... MAY, ... 1929

ISOPLETHS* BASED ON SIX-HOURLY OBSERVATIONS.



NOTE:-The diagram is obtained by drawing a line from Akureyri in Iceland to the South of France, near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h., 7h., 13h., and 19h. are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66°N., Long., 18° W. in the north, at Lat. 44½° N., Long. 4° E. in the south.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24,632 Wednesday 1st May 1929.

Observations at 13h. G.M.T. 30H

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1008.3	-1	NNW	2	bc	44	55	8	2500	Cu.	4	A.Cu.	6	•
Stornoway	1011.8	0	-	0	b-	47	55	8	4000	Cu.	1	-	1	•
Wick	1010.1	0	NNE	3	bc	43	75	8	2500	Cu.	5	-	5	•
Tiree	1011.0	0	ESE	3	b-	47	75	9	-	-	0	-	0	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1009.4	0	NW	4	bc/jb	43	55	8	2500	Cu.	6	A.Cu.	7	1
Malin Head	1011.1	0	E'N	3	bc	45	65	8	4000	Cu.	1	Ci.Cu.	3	•
Renfrew	1010.1	0	NE	1	c/pr°	47	55	8	2500	Cu.	9	-	9	0
Edinburgh (Inchkeith)	1010.5	+1	E	2	ci	40	85	8	4000	Nb.	5	A.St.	9	•
Leuchars	1009.6	-2	E	3	bc	44	75	8	4000	Cu.Nb.	6	-	6	1
Eskdalemuir	1009.3	+1	NE	4	bc/pr°	42	55	8	2500	Cu.	7	-	7	2
Tynemouth	1008.5	+2	N	3	bc	43	75	8	1500	Cu.	4	-	4	•
Blacksod Point	1010.5	0	N	1	bc	48	65	9	•	Cu.	6	-	6	•
Donaghadee	1010.8	+1	ENE	2	bc-	47	65	8	4000	Cu.	3	-	3	•
Birr Castle	1009.2	•	N	1	c	49	65	7	4000	St.Cu.	10	-	10	•
Holyhead	1009.4	+1	N	3	bc	47	75	8	4000	St.Cu.	5	-	5	1
Liverpool (Bidston)	1008.5	+2	NW	3	c/r	43	65	8	2500	Nb.	8	-	8	•
Chester (Sealand)	1007.9	+2	NWN	4	c	44	65	6	4000	St.Cu.	9	-	9	1
Harrogate	1007.7	+1	NNE	5	c/PH	44	65	8	2500	Cu.Nb.	9	-	9	•
Spurn Head	1005.1	+2	NE	6	bc/jb	45	85	7	4000	St.Cu.	7	-	7	•
Birmingham (Edgbaston)	1006.3	+2	NNE	4	c	46	45	5	2500	Nb.	8	-	8	1
Cranwell	1006.4	+3	NE	5	c	44	65	8	2500	St.Cu.	10	-	10	1
Gorleston	1003.4	+4	NW	6	ci°	42	92	7	2500	Nb.	9	-	9	•
Valentia (Cahirciveen)	1010.1	0	NW	3	bc	50	55	8	2500	St.Cu.	4	A.Cu.	6	0
Roches Point	1010.3	+2	S	2	c	48	75	9	4000	St.Cu.	9	-	9	•
Pembroke (St. Ann's H.)	1007.8	+2	NE	2	bc+	51	65	7	2500	Cu.	3	-	3	•
Ross-on-Wye	1006.6	+1	NNE	4	c	48	45	7	4000	Cu.	9	-	9	0
Leafield	1005.9	+3	N'E	4	bc	46	55	8	4000	St.Cu.	7	-	7	1
Winchester (Worthy Dn.)	1005.0	+2	N	4	c	47	65	8	4000	St.Cu.	9	-	9	1
S. Farnborough	1004.6	+2	NNE	4	c	47	55	7	4000	St.Cu.	8	-	8	0
London (Kew Obsy.)	1004.8	+2	N	3	c	48	45	7	1500	St.Cu.	9	-	9	1
Croydon	1004.5	+2	N'E	4	c-	45	65	6	2500	St.	8	-	8	2
Shoeburyness	1004.8	+4	N	3	c	44	75	7	1500	St.Cu.	7	A.St.	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1003.9	+3	N	5	c	43	75	8	2500	St.Cu.	8	A.St.	10	1
Lympne	1003.4	+3	NW	5	c	42	75	7	1500	St.Cu.	10	-	10	1
Scilly (St. Mary's)	1008.0	+3	NE	5	b	48	75	7	4000	Cu.	2	-	2	•
Falmouth (Pendennis)	1006.5	+2	ESE	3	bc+	48	65	7	4000	St.Cu.	7	-	7	•
Plymouth (Cattewater)	1006.3	+2	E	2	bc	50	45	7	4000	Cu.	7	-	7	1
Portland Bill	1005.2	+3	NE	3	c	47	65	8	2500	Cu.	8	-	8	•
Southampton (Calshot)	1005.0	+2	NE	3	bc	50	55	8	2500	St.Cu.	7	-	7	1
Dungeness	1004.0	+3	NNE	3	c	45	75	8	1500	St.Cu.	10	-	10	•
Guernsey (Fort. George)	1005.2	+4	NE	2	c	43	92	7	800	St.	6	A.St.	10	•

Observations at 18h. G.M.T. 30H

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1007.5	-2	NW	2	bc	42	55	8	1500	Cu.	3	Ci.St.	5	•
Stornoway	1010.8	0	NE	1	b	45	55	8	4000	Cu.	1	-	1	0
Wick	1009.9	0	NNW	3	bc	44	65	8	2500	Cu.Nb.	5	-	5	1
Tiree	1010.7	0	ENE	2	b-	45	85	9	-	-	0	-	0	1
Nairn	1009.9	•	-	0	bc-	45	65	8	2500	Cu.	3	-	3	•
Aberdeen	1009.7	+1	NNE	3	bc-	43	55	8	2500	Cu.	5	-	5	0
Malin Head	1010.8	0	E'N	3	b	44	65	8	4000	Cu.	1	Ci.Cu.	1	0
Renfrew	1010.5	0	S	1	c	45	65	7	4000	Cu.	10	-	10	•
Edinburgh (Inchkeith)	1009.7	0	E	1	bc	44	75	8	4000	Cu.	2	A.St.	7	0
Leuchars	1010.3	+1	E	2	bc/pr°	43	75	8	4000	Cu.Nb.	3	-	3	•
Eskdalemuir	1010.3	+2	NNE	4	c/pr°	40	65	8	2500	Cu.Nb.	9	-	9	•
Tynemouth	1009.7	+1	N	2	b	42	65	8	1500	Cu.	2	-	2	4
Blacksod Point	1009.5	0	NNW	1	bc	49	65	9	•	St.Cu.	7	-	7	1
Donaghadee	1010.7	0	NE	2	b	45	65	8	4000	Cu.Nb.	2	-	2	2
Birr Castle	1009.2	•	E	1	c	48	65	6	4000	St.Cu.	10	-	10	•
Holyhead	1009.9	+1	NNE	2	b	45	85	8	4000	Cu.	1	Ci.	1	1
Liverpool (Bidston)	1009.3	+1	NW	3	bc-	46	65	8	-	-	0	Ci.St.	5	•
Chester (Sealand)	1009.1	+2	NW	3	bc+	47	65	6	2500	St.Cu.	7	-	7	•
Harrogate	1009.1	+2	NNE	3	b-	42	55	8	4000	Cu.	1	-	1	•
Spurn Head	1007.6	+2	NNE	5	bc	44	85	7	4000	Cu.	5	-	5	5
Birmingham (Edgbaston)	1008.9	-2	E	2	ci°	45	55	6	2500	Nb.	9	-	9	•
Cranwell	1008.5	+3	NE'N	4	c	44	63	8	4000	Cu.	8	-	8	•
Gorleston	1006.3	+4	NW	4	c	43	85	6	2500	Cu.	9	-	9	1
Valentia (Cahirciveen)	1010.2	0	NNW	3	c	48	65	8	2500	St.Cu.	4	A.St.	9	0
Roches Point	1010.9	+1	SW	2	c	47	75	8	4000	St.Cu.	9	-	9	0
Pembroke (St. Ann's H.)	1008.1	+1	NE'N	2	b-	46	75	8	-	-	0	Ci.St.	1	1
Ross-on-Wye	1008.6	+2	NE	2	c	47	55	6	4000	St.Cu.	10	-	10	•
Leafield	1008.2	+3	NE	3	c	44	65	9	4000	St.Cu.	9	-	9	•
Winchester (Worthy Dn.)	1007.4	+3	N'E	3	bc-	47	55	8	5700	St.Cu.	7	-	7	•
S. Farnborough	1007.5	+4	NE	3	c	46	55	7	4000	St.Cu.	9	-	9	•
London (Kew Obsy.)	1008.3	+3	NNE	3	c	46	55	6	4000	St.Cu.	9	-	9	•
Croydon	1006.8	+2	NNE	3	c	45	55	5	4000	St.Cu.	9	-	9	•
Shoeburyness	1007.4	+3	N'E	2	bc-	43	75	8	4000	St.Cu.	3	A.Cu.	5	•
Clacton-on-Sea	1006.9	+3	N	4	c	45	65	7	5700	St.Cu.	8	-	8	3
Felixstowe	1007.4	+4	N	3	c	43	75	8	4000	St.Cu.	9	-	9	3
Lympne	1006.8	+4	N'E	3	c-	43	75	8	2500	St.Cu.	9	-	9	•
Scilly (St. Mary's)	1010.0	+2	N'E	3	b	47	65	7	-	-	0	-	0	1
Falmouth (Pendennis)	1008.1	+3	N'E	3	bc	49	65	6	4000	St.Cu.	6	-	6	0
Plymouth (Cattewater)	1008.5	+3	SW	3	bc	47	65	7	4000	Cu.	5	-	5	0
Portland Bill	1007.2	+3	SW	2	c	46	75	8	1500	St.Cu.	9	-	9	1
Southampton (Calshot)	1007.0	+2	NE'E	3	c	49	65	8	5700	St.Cu.	8	Ci.	9	0
Dungeness	1007.7	+4	NE	3	c-	45	75	8	2500	St.Cu.	4	A.Cu.	8	3
Guernsey (Fort. George)	1008.0	+4	NE	2	c-	45	75	7	5700	St.Cu.	8	-	8	3

LONDON OBSERVATIONS.

Day 7h.-18h., Kew & Croydon. 9h.-18h., Kensington. 9h.-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 HOURS ENDED 9a.)	Weather. Afternoon.	Weather. Night.	Temperatures. Max. Day. °F.	Temperatures. Min. Night. °F.	Temperatures. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs. (YESTERDAY.)	Humidity. 15h. G.M.T. % (YESTERDAY.)	Humidity. 9h. G.M.T. % (TO-DAY.)	Visibility.§
Kew	18	c2	cy	cibmybw	50	31	18	-	-	1.7	•	•	5
Croydon	244	cm	c2	c2bxmw	48	30	27	-	-	1.1	•	•	6
Greenwich (Royal Obsy.)	149	c	cy	cbxfzy	50	29	17	-	Tr	1.5	50	47	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	2.2	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	51	33	*	-	-	2.7	46	71	•
Regent's Pk. (Botanic Gdns.)	163	•	•	•	•	•	•	•	•	3.5	•	•	•
Camden Square	110	oc	c	•	51	32	*	-	-	•	•	67	•
Kensington Palace	80	o	cobc	•	50	33	23	-	-	•	(At 18h) 53	84	•
Hampstead Observatory	463	•	•	•	47	33	23		Tr	3.9	•	68	•

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 1st

South Kensington Max.	Time.	Min.	Time.
2.0	7h 1st	0.3	15h 30M

Kew Observatory Max.	Time.	Min.	Time.
0.2	5h 30M	<0.1	12h 30M

POLE STAR RECORD at Greenwich Obsy.

Exposure from 30H 20 h. 30 m. to 1st 3 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6.45	6.17	93
δ Ursae Minoris	6.45	6.12	92

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

1st 2nd May 1929.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.25 / 4.23	11.50 / 11.50	19.17 / 19.19
Greenwich	4.35 / 4.33	11.57 / 11.57	19.20 / 19.22
Wick	4.22 / 4.19	12.10 / 12.9	19.59 / 20.1
Valentia	5.15 / 5.13	12.38 / 12.38	20.3 / 20.5

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(z)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). / before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.

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

A "sondus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; ↓ = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

½ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

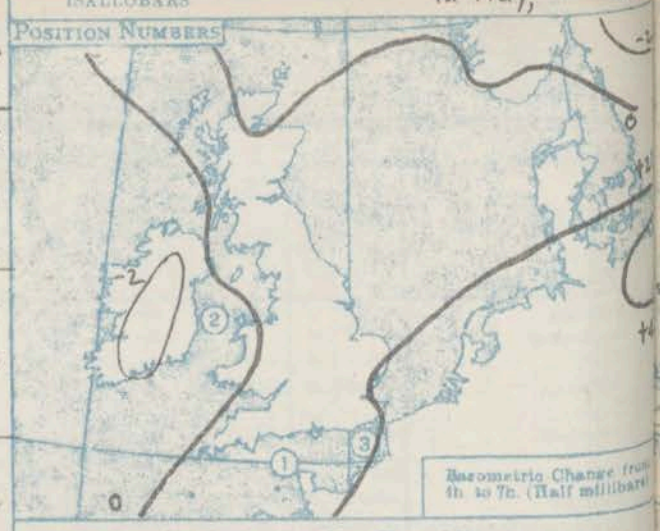
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6½ „
7. Good.	13½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 30th	WEATHER. 13h.-18h. 30th	WEATHER. 18h. 30th to 1h. 1st.	WEATHER. 1h.-7h. 1st.	TEMPERATURE. MAX. Day, 7h.-18h.	TEMPERATURE. MIN. Night, 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day, 7h.-18h. mm.	RAINFALL.† Day, 7h.-18h. began.	RAINFALL.† Night, 18h.-7h. mm.	RAINFALL.† Night, 18h.-7h. began.	SUN 30th Hours.
Lerwick	bcphoy	bcy	c	cbc	45	37	•	Tr.	<8.00	-	-	12.2
Stornoway	b-bc	b-bc	b-bc	bbc	47	26	•	-	-	-	-	12.9
Wick	b-bc	prhbc	b-bc	bbc	45	31	•	0.2	15.30	-	-	•
Tiree	bbc	bcb	b	bcpro	48	33	19	-	-	0.2	5.30	14.7
Nairn	bc	bc	bcx	bx	×7	27	•	-	-	-	-	10.7
Aberdeen	bcprorh	bcphobcy	b	b	46	30	22	Tr.	<8.00	-	-	11.0
Malin Head	bc	bcb	bbccbcb	bbcc	46	38	•	-	-	-	-	11.3
Renfrew	bbccjby	cyc	cbc	bcbffx	×9	28	18	Tr.	12.30	-	-	6.5
Edinburgh (Inchkeith)	bcrs	cbc	bcb	bbc	45	35	27	0.4	11.00	-	-	5.6
Leuchars	bbcphoo	bcphoo	bcbbx	bxb	×7	28	20	0.1	9.00	Tr	-	10.3
Eskdalemuir	bcprsphby	cprcy	c	cbxb	×8	20	17	Tr.	<8.00	-	-	4.7
Tynemouth	bc	bcb	b	bbc	44	32	25	-	-	-	-	•
Blacksod Point ...	bc	bc	cbc	bc	51	41	•	-	•	-	•	•
Donaghadee	cbc	bcb	b	bx	(47)	32	•	-	-	-	-	•
Birr Castle	c	cbcb	coirc	oirc	52	40	37	-	-	1	22.00	3.6
Holyhead	bbc	bcb	bbcw	bcbw	48	39	31	-	-	Tr	-	12.8
Liverpool (Bidston) ...	cprc	cbbc	bbcc	comc	×8	39	36	0.1	11.00	-	-	7.6
Chester (Sealand) ...	bcprgx	cbcprgx	cmc	cmc	50	36	31	Tr.	11.00	-	-	8.2
Harrogate	cbcprh	cbcb	b	bx	×6	30	22	0.3	11.00	-	-	8.6
Spurn Head	bc	cprbc	bcb	bc	(41)	36	•	0.1	13.30	-	-	11.2
Birmingham (Edgbaston)	c	c	cprc	c	×7	37	36	Tr.	17.30	Tr	<21.00	1.9
Cranwell	cpr	cpracy	c,c	b,cxc	×9	29	23	Tr.	11.00	-	-	4.2
Gorleston	oirg	cirg	cgbcbx	bxbczo	45	32	29	0.3	<8.00	-	-	1.1
Valentia (Cahirciveen)	cpbcy	bcyc	cbc	bcwc	52	38	35	Tr.	<8.00	Tr	-	5.6
Roches Point	cv	cvc	c	c	51	44	•	-	-	-	-	•
Pembroke (St. Ann's H.)	b	bcb	bc	bbcmo	53	39	•	-	-	-	-	13.1
Ross-on-Wye	cbcc	cy	c	cw	×9	38	33	-	-	-	-	2.7
Leafield	cbc	bcc	c	bcc	×9	33	27	-	-	-	-	2.9
Winchester (Worthy Dn.)	c	cbccy	bcybc	bc	×9	33	24	-	-	-	-	1.8
S. Farnborough ...	cy	cbcy	cybcb	bm	×9	24	16	-	-	Tr	-	1.5
London (Kew Obsy.) ...	czo	cy	czb	bmxbmw	50	31	18	-	-	-	-	1.7
Croydon	cmo	czo	czobx	bxmmo	×8	30	27	-	-	-	-	1.1
Shoeburyness	cmoo	ocbc	bcb	bzmo	47	31	-	-	-	-	-	0.5
Clacton-on-Sea ...	ogc	c	cbc	bcx	46	32	28	-	-	-	-	0.2
Felixstowe	oico	cpro	cbcb	bxmo	45	30	24	Tr.	<8.00	-	-	0.5
Lympne	ormoc	c	cbc	bxbcmo	×3	31	27	0.1	<8.00	-	-	0.1
Scilly (St. Mary's) ...	bcb	b	bbcc	c	49	41	•	-	-	-	-	12.3
Falmouth (Pendennis)	bc	bczo	bczob	bbc	49	42	•	-	-	-	-	12.4
Plymouth (Cattewater)	bcmcy	bcy	bcb	bwxmoc	52	36	30	-	-	-	-	7.8
Portland Bill	c	c	bczo	czo	50	42	•	-	-	-	-	•
Southampton (Calshot)	cbcy	bccy	cbc	bccbcbm	51	39	34	-	-	-	-	2.4
Dungeness	cico	c	cbcbc	bcbcxc	45	31	•	Tr.	<8.00	-	-	•
Guernsey	cicrcrr	cicr	cbc	bcc	45	41	•	/	<8.00	-	-	0.8

ISALLOBARS 1st May, 1929.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea.
2	30th 10h	Scotia	NE	4	bc	44	46
1	- 12h	St Helier	NE	6	ro	44	49
3	1st 1h	Brighton	NE	3	bc	44	45

GENERAL INFERENCE.

Pressure is now very uniform over the British Isles. Weather will be quiet and mainly fair with day temperatures considerably higher than of late. Early morning mist or fog is likely to be widespread and ground frost will occur locally at night.

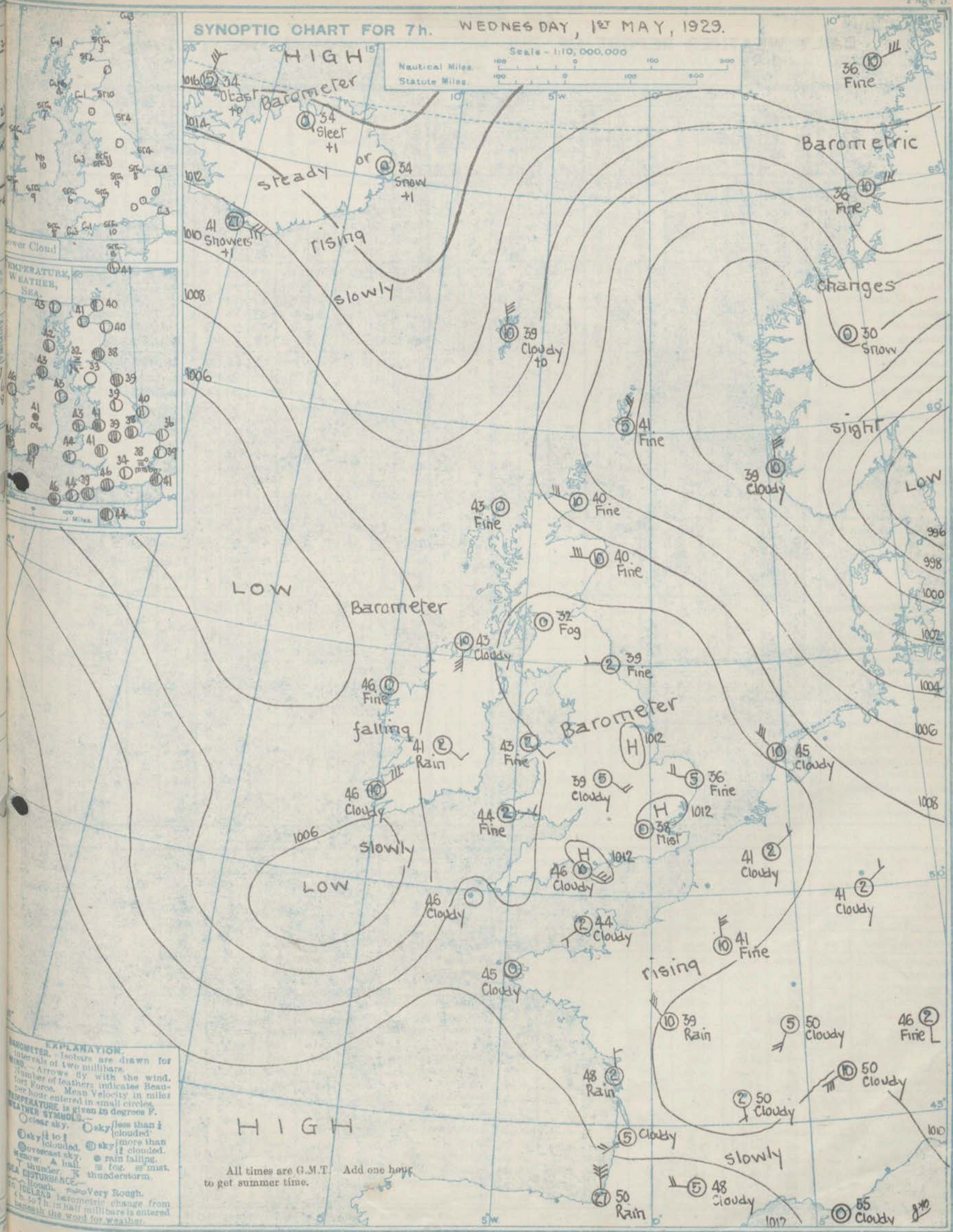
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Wednesday, 1st May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light variable winds; fair; day temperatures higher than of late but ground frost locally at night; early morning mist or fog locally.	Continuing quiet and mainly fair in most districts but less settled temporarily in the West.
5. S.W. England 6. South Wales	Light variable to moderate southeasterly winds; cloud increasing, perhaps some rain locally later; moderate temperature.	
7. North. Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotland / B. " W. Scotland 14. Mid-Scotland	As 1 - 4.	
15. N.E. Scotland 16. Orkneys and Shetlands	Light to moderate northerly to northwesterly winds; cloudy, occasional showers; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland	As 1 - 4.	
19. S.E. Ireland 20. S.W. Ireland	Light to moderate southeasterly or easterly winds; cloudy, perhaps occasional rain; moderate temperature; early morning mist or fog.	

WHP.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For code see page 1

† Trace = rain has fallen, but amount less than 0.1



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Wednesday, 1st May, 1929. No. 121

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 1st: Barom. at M.S.L. mb.	Change in 3 Hours.*	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-6	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 7h. G.M.T. 1st: Barom. at M.S.L. mb.	Change in 3 Hours.*	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-6	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-9
Lerwick	54	1006.7	-1	NW	1	c	40	75	8	1500	StCu	5	ASt	8	1005.5	-1	NNE	2	bc	41	75	8	1500	Cu	3	-	3	•
Stornoway	30	1010.8	-1	-	0	b-	•	•	8	•	•	•	•	0	1008.8	0	-	0	b	43	65	9	4000	Cu	1	-	1	0
Wick	81	1009.0	-2	WNW	3	bc	33	97	8	2500	StCu	3	-	3	1007.5	-2	WNW	3	bc	40	85	8	2500	StCu	3	-	3	1
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.4	0	ESE	1	bcjp	42	92	9	2500	CuNb	4	-	4	1
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.3	•	-	0	b-	41	65	8	1500	St	2	-	2	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.2	0	WNW	3	b	40	65	8	-	-	0	ACu	1	0
Malin Head	51	1010.1	-1	SE	3	b	40	85	7	5700	StCu	2	-	2	1009.8	-1	S	3	c	43	55	8	5700	StCu	7	ACu	9	0
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.2	0	-	0	fb-	32	97	3	5700	Cu	1	-	1	•
Edinburgh (Inchkeith)	199	1010.6	0	SSW	1	b	37	92	7	-	-	0	-	0	1010.0	0	W	2	~~b~~	38	85	6	800	St	~~10~~ 2	-	~~10~~ 2	0
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.2	0	SW	2	b	37	85	6	-	-	0	-	0	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.6	0	-	0	b	33	97	8	-	-	0	-	0	•
Tynemouth	67	1011.0	0	W	1	b	35	85	7	1500	Cu	1	Ci	2	1011.7	+1	W	1	bc	39	65	5	800	St	4	-	4	2
Blacksod Point	18	1008.9	-1	E	2	bc	44	75	8	•	StCu	6	-	6	1007.0	0	-	0	bc	46	65	9	•	StCu	6	-	6	0
Donaghadee	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.9	0	SE	1	b	43	85	7	4000	Cu	1	-	1	1
Birr Castle	179	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.7	•	SE	1	ofo	41	92	6	4000	Nb	10	-	10	•
Holyhead	30	1010.4	0	ENE	1	bc	42	92	8	2500	StCu	3	-	3	1009.7	0	SE	1	bc+	43	92	7	2500	Cu	3	-	3	0
Liverpool (Bidston)	209	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.5	0	SE'S	3	c-	41	75	5	4000	St	8	-	8	•
Chester (Scalaud)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.4	0	SE'S	2	c	40	85	5	5700	StCu	8	-	8	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.3	0	SW	1	b	39	65	7	-	-	0	ACu	1	•
Spurn Head	29	1010.3	0	N	3	b	38	92	7	-	-	0	-	0	1010.6	0	N	13	bc	40	85	6	1500	St	4	-	4	8
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.5	0	SE	2	c	39	75	6	5700	StCu	9	-	9	•
Cranwell	236	1011.8	+1	W	2	b	30	92	6	5700	StCu	1	-	1	1012.1	+1	N	1	c	38	75	6	5700	StCu	8	ACu	9	•
Gorleston	14	1009.9	0	WNW	~~24~~	b	35	97	7	4000	Cu	1	-	1	1010.9	+2	WNW	2	bc	36	92	6	4000	Cu	4	-	4	0
Valentia (Cahirciveen)P	30	1011.3	-2	-	0	bc+	45	97	9	*	St	4	-	4	1006.6	-1	NE'E	32	c	46	65	8	4000	StCu	7	ACu	8	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.5	-2	SE	3	c	47	85	8	2500	StCu	9	-	9	1
Pembroke (St. Ann's H.)	160	1009.8	0	E	1	b	41	92	8	2500	Cu	2	-	2	1009.2	-1	E	1	bc+	44	85	7	2500	StCu	6	-	6	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.0	0	S	1	c	41	65	7	5700	StCu	7	ASt	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.2	+1	SE'S	2	c	38	85	7	4000	StCu	9	-	9	•
Winchester (Worthy Dn.)	272	•	•	•	•	-	•	•	•	•	•	•	•	•	1011.3	+1	-	0	bc	40	75	7	-	-	0	ACu	7	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.6	+1	-	0	b/m	34	85	5	-	-	0	ACu	1	•
London (Kew Obsy.)	18	•	•	•	•	•	38	•	•	•	•	•	•	•	1012.1	+2	-	0	mmb	38	85	4	-	-	0	-	0	•
Croydon	244	1011.1	+2	-	0	b	32	92	5	-	-	0	-	0	1011.4	0	-	0	bc+	38	85	5	-	-	0	CuSt	3	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.1	+2	N'W	2	b	39	85	6	-	-	0	CuSt	1	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.6	+2	NNW	4	bc	35	92	7	-	-	0	ACu	3	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.0	+2	WNW	2	b	39	85	6	-	-	0	Ci	1	1
Lympne	350	1010.8	+2	N	3	bc-	35	92	8	4000	StCu	3	-	3	1011.9	+1	NNW	2	bc	38	85	6	2500	Cu	2	Ci	7	•
Scilly (St. Mary's)	163	1011.5	+1	-	0	c	43	75	7	4000	Cu	5	CuSt	9	1011.1	0	SW	2	c	46	75	8	4000	StCu	8	-	8	1
Falmouth (Pendennis)	200	1009.5	0	-	0	b-	43	85	7	4000	StCu	2	-	2	1009.5	0	NNW	1	bc-	44	85	6	4000	Cu	3	ACu	5	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.3	+1	E	1	c+	39	85	5	2500	Cu	1	ACu	8	0
Portland Bill	32	1009.5	+1	SE	2	c+	45	85	6	1500	StCu	4	CuSt	10	1010.0	0	SE	3	c	46	85	6	1500	StCu	10	-	10	1
Southampton (Calshot)	10	1010.8	0	ENE	2	bc-	41	75	7	4000	StCu	5	-	5	1011.5	+1	SE'E	3	b-	43	75	6	-	-	0	-	0	0
Dungeness	30	1010.6	+2	NE	2	bc-	40	85	8	2500	StCu	5	-	5	1011.7	+1	NNE	1	c+	41	75	7	1500	Cu	3	CuSt	9	2
Guernsey (Fort George) P	295	1011.0	+2	-	0	b-	38	97	8	-	-	0	-	0	1011.3	+1	SW	1	c	44	92	7	2500	StCu	6	ACu	9	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 30th April

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 29th to 9h. 30th	Temperature. Max. 9h.-17h. 30th	Rainfall.† Night 17h.-9h. 29th-30th	Rainfall.† Day 9h.-17h. 30th	Sunshine. Sunrise to 17h. 30th	Sunshine. Sunrise to Sunset. 29th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	c	bc	36	44	0.5	-	8.3	7.3
Douglas (I. o. M.)	bbc	bbc	38	49	-	-	10.4	2.6
Llandudno	bc	bc	41	48	-	-	10.6	11.3
Colwyn Bay	b	b	41	50	-	-	10.0	10.5
Rhyl	bc	b	40	48	-	-	11.0	11.2
Wallasey	bcap	pcbc	36	49	-	Trace	5.8	10.0
Southport	bbcc	c0	#36	49	-	-	6.7	11.3
Blackpool	c	bbcc	36	50	-	-	9.6	11.1
Ilkley	bc	cpc	36	46	-	0.3	4.4	5.5
Cleethorpes	b	b	40	46	-	-	8.1	1.8
Skegness	cbc	bc	41	47	Trace	-	9.7	0.0
Aberystwyth	cbc	bcc	37	52	-	-	9.5	6.4
Bath	cbc	cbc	41	51	0.3	-	3.5	0.0
Cheltenham	cbc	bc0	39	51	-	-	2.2	0.0
Leamington Spa	c	c	(39)	49	-	-	2.5	0.0
Lowestoft	c	cbcap	39	45	11	Trace	1.3	0.0
Harwich & Dovercourt	r0	c0c	39	45	6	-	0.0	0.0
Maldon	0c	c	40	47	5	=	0.5	0.4
Southend	0c	0c	39	47	8	~~(Trace)~~	0.4	0.0
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	bc	bbcb	40	52	-	-	10.0	0.7
Penzance	b	b	41	53	-	-	10.5	2.7
Paignton	r0z	pcbcyz	40	51	5	-	4.6	0.0
Torquay	0z	cbcez	40	51	2	-	4.2	0.0
Jersey	rcg	pg	43	47	4	0.1	0.0	0.0
Weymouth	cb	bbc	39	52	4	-	3.2	0.0
Bournemouth	0	bcc	38	52	7	-	3.5	0.0
Ventnor	r0b	bcc	38	50	11	-	3.1	0.0
Portsmouth (S'thsea)	0c	bc0	40	51	10	-	2.0	0.0
Bognor	c	bcc	40	51	7	-	2.2	0.0
Littlehampton	c	bc	40	51	8	-	2.3	0.1
Worthing	c	c	40	50	6	-	2.2	0.5
Brighton	0c	cbc	41	50	7	-	2.4	0.0
Eastbourne‖	0c	c0c	41	50	9	-	0.7	0.0
Hastings‖	0c	c0c	40	46	7	-	0.2	0.0
Folkestone	0fo	0fo	40	45	2	Trace	0.0	0.0
Dover	0	0c	41	45	3	-	0.0	0.0
Tunbridge Wells	0	0cbc	39	48	5	-	0.9	0.0
Ramsgate	0	0c	39	48	5	-	0.0	0.7
Margate	cd	c	40	43	3	Trace	0.0	0.5
Deal	0d0	0	40	44	4	-	0.0	0.2

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ♣ 17h.-8h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24633 Thursday, 2nd May, 1929. Page 1.

Observations at 13h. G.M.T. 1st

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1006.1	0	NNE	2	bc	44	65	8	1500	Cu.	4	-	4	•
Stornoway	1008.4	-1	-	0	c+	48	65	8	4000	Cu.	8	-	8	•
Wick	1007.7	+1	NW	3	bc	45	85	8	2500	Cu.Nb.	5	A.Cu.	7	•
Tiree	1009.8	+1	W's	1	oRR	(38)	97	6	800	Nb.	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1008.7	-1	E	1	ejp	47	55	8	4000	Cu.	5	A.Cu.	8	1
Malin Head	1009.1	-1	NE	3	bc	49	75	9	4000	Cu.	2	Ci.Cu.	3	•
Renfrew	1009.2	-2	W	2	c+	51	45	7	2500	Cu.	8	-	8	0
Edinburgh (Inchkeith)	1008.9	-1	SW	1	c	50	45	7	800	St.	4	A.Cu.	8	•
Leuchars	1008.9	-1	WNW	3	c+	49	55	8	4000	Cu.Nb.	8	A.Cu.	9	1
Eskdalemuir	1009.2	-1	SW/W	2	bcjp	48	15	8	2500	Cu.	7	-	7	2
Tynemouth	1009.6	-1	ESE	2	bc	49	55	8	1500	Cu.	4	-	4	•
Blacksod Point	1007.1	0	-	0	bc	51	55	8	•	Cu.	7	-	7	•
Donaghadee	1010.6	-1	E	2	bcr	47	75	6	2500	Cu.Nb.	3	A.Cu.	5	•
Birr Castle	1007.7	•	SE	2	c-	50	65	8	5700	Cu.Nb.	8	-	8	•
Holyhead	1009.2	-1	NW/N	1	bcr	50	65	7	2500	Cu.	1	A.Cu.	4	0
Liverpool (Bidston)	1009.4	0	W	2	c/p	45	65	6	1500	St.	9	-	9	•
Chester (Sealand)	1009.6	-1	SSE	4	cro/o	46	75	5	2500	St.	8	-	8	1
Harrogate	1010.2	-1	S'E	2	c+	46	35	9	4000	Nb.	8	-	8	•
Spurn Head	1011.1	0	SE'E	2	bc	47	65	7	4000	Cu.	2	Ci:	5	•
Birmingham (Edgbaston)	1010.3	-1	SSE	3	c	47	45	8	4000	St.Cu.	9	-	9	1
Cranwell	1011.1	-2	W	2	c	50	55	7	4000	Cu.	8	A.Cu.	9	0
Gorleston	1011.6	0	E	2	bc	47	75	7	2500	Cu.	6	-	6	•
Valentia (Cahirciveen)	1005.7	-1	NW'N	3	c	50	65	8	4000	St.Cu.	7	A.St.	8	0
Roches Point	1007.4	-2	SE	3	cro	46	92	7	1500	Nb.	9	-	9	•
Pembroke (St. Ann's H.)	1008.1	-1	SSE	2	bc	51	75	7	4000	Cu.	1	Ci.Cu.	6	•
Ross-on-Wye	1010.0	-1	WSW	3	c	48	65	7	2500	Cu.	10	-	10	1
Leafield	1010.2	-1	S'W	3	c/pro	46	55	7	4000	St.Cu.	9	-	9	1
Winchester (Worthy Dn.)	1010.7	0	S'E	3	c	50	45	8	4000	St.Cu.	7	A.St.	9	0
S. Farnborough	1010.8	-1	S	2	c+	51	35	8	2500	St.Cu.	9	-	9	0
London (Kew Obsy.)	1011.1	-2	NE	2	c	49	45	5	4000	St.Cu.	1	A.St.	10	0
Croydon	1011.3	-1	-	0	mmc	48	55	4	7200	St.Cu.	7	A.St.	9	1
Shoeburyness	1012.0	0	SE	2	b	49	55	8	5700	Cu.	1	A.Cu.	2	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1011.9	-1	S	4	bc	46	65	8	4000	Cu.	7	-	7	0
Lympne	1011.6	0	ESE	3	bc	47	65	8	4000	Cu.	4	-	4	0
Scilly (St. Mary's)	1008.8	-3	SSW	4	c/pro	47	92	7	4000	Cu.Nb.	9	-	9	•
Falmouth (Pendennis)	1007.8	-2	SSE	4	bc	51	65	7	4000	Cu.	3	Ci:	5	•
Plymouth (Cattewater)	1009.3	-2	SSW	4	bc	49	65	7	2500	Cu.	4	-	4	0
Portland Bill	1010.4	0	SE	2	c	48	75	6	1500	St.Cu.	9	-	9	•
Southampton (Calshot)	1011.5	-1	SE'S	4	c	47	65	8	2500	Cu.Nb.	6	A.Cu.	8	0
Dungeness	1012.2	+3	SE	1	bc	47	65	8	2500 (3500)	Cu.	1	Ci.Cu.	3	•
Guernsey (Fort George)	1011.5	-1	SSE	4	b-	47	65	8	-	-	0	-	0	•

Observations at 18h. G.M.T. 1st

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1008.3	+1	NE	3	bc	44	85	8	1500	Cu.	3	-	3	•
Stornoway	1008.8	+1	NNE	1	c	44	85	8	4000	Cu.	9	-	9	0
Wick	1009.0	+3	E	3	bc	43	85	8	2500	Cu.Nb.	4	A.Cu.	6	0
Tiree	1008.8	-1	W	1	b	48	65	8	1000	Cu.	2	-	2	4
Nairn	1008.1	•	E	2	bcr	47	75	8	2500	Cu.	6	-	6	•
Aberdeen	1008.8	+1	NE	3	bc	42	85	8	4000	St.Cu.	3	-	3	0
Malin Head	1008.7	0	ENE	4	bc	47	75	8	4000	Cu.	2	Ci.Cu.	4	0
Renfrew	1009.3	0	S	2	cro	45	75	8	1500	Cu.Nb.	8	-	8	•
Edinburgh (Inchkeith)	1008.8	0	W	2	c	45	65	7	800	St.	8	-	8	0
Leuchars	1008.4	0	W	3	c+	47	75	7	4000	Cu.Nb.	8	A.Cu.	9	•
Eskdalemuir	1008.6	-2	W	2	bc	47	35	8	2500	Cu.	2	A.Cu.	5	•
Tynemouth	1009.4	0	SE	2	bc	44	75	8	1500	Cu.	5	-	5	2
Blacksod Point	1006.9	0	-	0	bc	51	65	8	•	Cu.	4	-	4	1
Donaghadee	1009.9	-1	ESE	2	b	47	85	7	-	-	0	-	0	1
Birr Castle	1006.3	•	E	1	c	52	75	6	4000	St.Cu.	8	-	8	•
Holyhead	1008.5	-1	N'E	1	bc	48	75	6	4000	Cu.	1	A.Cu.	5	1
Liverpool (Bidston)	1008.4	-1	SE	4	c	47	65	5	-	-	0	A.St.	8	•
Chester (Sealand)	1008.7	-1	E	2	cro/o	46	85	5	4000	St.	9	-	9	•
Harrogate	1009.7	0	SSW	3	o	43	55	5	2500	St.	10	-	10	•
Spurn Head	1010.4	0	S'E	3	c	43	75	8	5700	St.Cu.	9	-	9	3
Birmingham (Edgbaston)	1009.7	-1	S	3	c	45	65	7	2500	Cu.	5	A.Cu.	8	•
Cranwell	1010.9	0	ESE	3	c-	45	65	7	4000	St.Cu.	8	A.Cu.	9	•
Gorleston	1011.2	0	SE	1	bcr	43	65	7	-	-	0	A.Cu.	5	0
Valentia (Cahirciveen)	1006.4	+1	N'E	3	ejp	49	65	8	2500	Nb.	9	-	9	3
Roches Point	1006.6	-2	SE	4	c	49	85	8	1500	Cu.Nb.	9	-	9	4
Pembroke (St. Ann's H.)	1006.1	-2	SE	3	c+	48	85	7	2500	St.Cu.	6	Ci.Cu.	8	1
Ross-on-Wye	1009.3	-1	S	2	c	46	75	6	2500	St.Cu.	8	Ci.Cu.	9	•
Leafield	1009.5	-1	SW'S	3	cro	44	65	7	4000	Nb.	6	A.St.	9	•
Winchester (Worthy Dn.)	1009.8	-1	S'E	3	bc-	48	55	8	4000	St.Cu.	7	-	7	•
S. Farnborough	1010.1	-1	SSW	2	bc-	47	55	8	4000	St.Cu.	1	A.Cu.	7	•
London (Kew Obsy.)	1010.3	-1	S'W	3	c	49	45	6	4000	St.Cu.	7	A.St.	10	•
Croydon	1010.7	-1	SSE	2	c-	47	65	6	4000	Cu.	8	A.St.	9	•
Shoeburyness	1010.9	-2	SW	1	bc	46	75	8	-	-	0	A.St.	6	•
Clacton-on-Sea	1011.2	0	SSE	4	bc	43	75	7	4000	St.Cu.	7	-	7	3
Felixstowe	1011.5	-1	S	3	c	43	75	8	4000	St.Cu.	9	-	9	1
Lympne	1011.4	-1	SE	2	b-	42	75	8	-	-	0	Ci.Cu.	1	•
Scilly (St. Mary's)	1007.6	-2	E'S	3	crr	44	92	7	4000	Cu.Nb.	9	-	9	1
Falmouth (Pendennis)	1006.5	-2	SE	4	o/c+	46	75	7	2500	Nb.	10	-	10	2
Plymouth (Cattewater)	1007.7	-2	SE	4	c+	47	55	7	2500	Nb.	8	A.St.	10	0
Portland Bill	1008.8	-2	SSE	3	b-	46	75	6	1500	Cu.	1	-	1	3
Southampton (Calshot)	1010.3	-2	SSE	3	b-	46	65	8	4000	Cu.	1	A.Cu.	1	0
Dungeness	1011.1	-1	WSW	1	bc	45	65	7	2500	Cu.	2	Ci.St.	4	2
Guernsey (Fort George)	1008.6	-5	ESE	5	bcr	47	75	8	4000	St.Cu.	2	A.Cu.	3	5

LONDON OBSERVATIONS. Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night (24 hours ended 9h)	Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 16h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	em0	bczy	bcmmbr	52	34	19	-	-	6.2	•	•	5
Croydon	244	bcz0,cz	cz0y	cbz0,bcm	52	33	22	-	-	5.6	•	•	6
Greenwich (Royal Obsy.)	149	bczy	cogy	cbzfog	53	31	19	-	-	4.9	53	51	6
City (Bunhill Row)	90	•	•	•	•	•	•	•	•	3.1	•	•	•
Westminster (St. James' Pk.)	97	•	•	•	51	38	x·	-	-	1.4	49	53	•
Regent's Pk. (Botanic Gdns).	162	•	•	•	•	•	•	•	•	1.4	•	•	•
Camden Square	116	bcc	c	•	49	34	x·	-	-	•	•	65	•
Kensington Palace	80	bcm	c	•	49	35	25	-	-	•	(At 18h) 55	64	•
Hampstead Observatory	450	•	•	•	48	33	26	-	-	3.9	•	62	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 2nd

South Kensington			
Max.	Time.	Min.	Time.
2.6	9h 1st	0.3	2h 2nd

Kew Observatory			
Max.	Time.	Min.	Time
0.3	7h 2nd	0.1	18h 1st

POLE STAR RECORD at Greenwich Obsy.

Exposure from 1st 20 h. 30 m. to 2nd 3 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	6.45	6.45	100
δ Ursae Minoris	6.45	6.38	98

CODE FOR STATE OF GROUND.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

2nd - 3rd May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.23	11.50	19.19
	4.21	11.50	19.21
Greenwich	4.33	11.57	19.22
	4.31	11.57	19.24
Wick	4.19	12.9	20.1
	4.17	12.9	20.3
Valentia	5.13	12.38	20.5
	5.11	12.38	20.6

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening skies.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♁ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
/, "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0 = no swell, 1 = mod. swell, 2 = heavy swell } Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

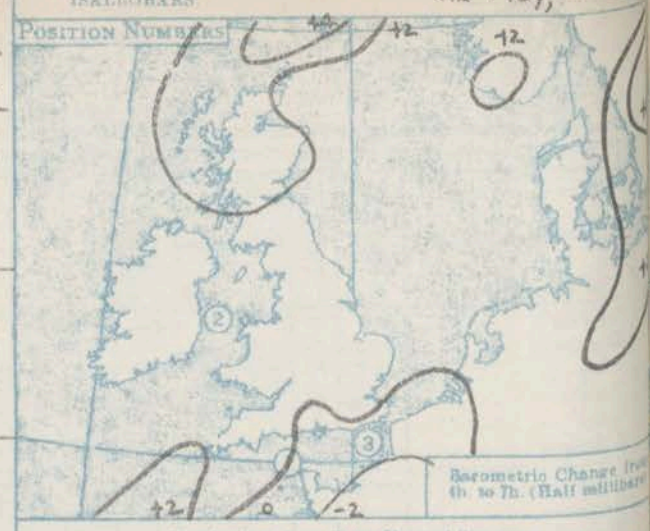
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2570.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 1st	13h.-18h. 1st	18h. 1st to 1h. 2nd	1h.-7h. 2nd	TEMPERATURE. MAX. Day 7h.-18h.	MIN. Night 18h.-7h.	MIN on Grass	RAINFALL† Day, 7h.-18h. mm	began.	Night, 18h.-7h. mm.	began.	SUN 1st Hours.
Lerwick	bc	bacPHbc	bcph₀	bcph₀	46	37	•	2	14.30	0.3	21.00	12.0
Stornoway	b-bc	c	b-bc	b-bc	50	33	•	-	-	-	-	10.5
Wick	r₀i₀bc	b-bc	b-bc	PH.bc	46	30	•	0.1	11.00	1	4.30	•
Tiree	HR	r₀bc	bcb	bbc	50	36	23	17	8.00	-	-	5.7
Nairn	bbc	bc	bc	bcc	52	38	•	-	-	-	-	6.6
Aberdeen	bybcphpbc	cyjpbc	c	c	51	38	36	Tr	11.00	-	-	6.2
Malin Head	cbcv	bc	bcbz₀m	bbcz₀z₀	49	38	•	-	-	-	-	8.9
Renfrew	bfbcy	cyp₀	bbcm₀	bcxff	53	29	22	Tr	17.30	-	-	4.2
Edinburgh (Inchkeith)	bm₀bcc	c	co	oc	51	39	33	-	-	-	-	8.5
Leuchars	bbycy	cbcycy	c	ccw	52	38	33	-	-	-	-	8.2
Eskdalemuir	bycjby	bcp₀ybcy	bcybc	bcc	51	30	26	Tr	14.30	-	-	8.9
Tynemouth	bc	bc	bco	oc	49	38	32	-	-	-	-	•
Blacksod Point ...	bc	bc	c	cbc	53	42	•	-	•	-	•	•
Donaghadee	bbcz₀	bcb	bm₀	bm₀	51	39	•	-	-	-	-	•
Birr Castle	o₀i₀c	cbc	c	cbxc	52	34	24	0.6	8.00	-	-	1.9
Holyhead	bcby	bcz₀	bcm₀w	bbcm₀w	53	40	36	-	-	0.1	-	11.7
Liverpool (Bidston) ...	m₀cp₀	p₀cm₀	m₀zc	cmw	48	40	37	Tr	8.00	-	-	1.9
Chester (Sealand) ...	cbcp₀qz₀	r₀i₀cz₀	crm₀mw	cmm	51	38	36	Tr	11.00	Tr	21.00	2.9
Harrogate	bbcc	co	otr	offrr	49	37	35	-	-	2	21.00	7.3
Spurn Head	bc	bcc	co	opr₀c	48	40	•	-	-	Tr	3.30	11.3
Birmingham (Edgbaston)	c	cpr₀	cpr₀	cbcm	48	37	26	Tr	14.30	0.1	24.00	1.5
Cranwell	bccy	cy	cr₀c	c	51	34	28	-	-	Tr	21.00	4.3
Gorleston	bc	bc	bcc	cpr₀c	47	40	39	-	-	Tr	3.30	9.2
Valentia (Cahirciveen)	cycp₀	cbccph	cp₀bc	bwbc	53	36	32	2	11.00	0.1	21.00	3.3
Roches Point	ci₀r₀	ci₀rc	c cp	cpbc	50	40	•	2	11.00	2	21.00	•
Pembroke (St. Ann's H.)	bc	bc	cbcb	bbcm₀	52	40	•	-	-	-	-	8.5
Ross-on-Wye	corc	cp₀c	cg	cmbFx	48	29	22	0.6	11.00	-	-	0.4
Leafield	bccjp	c	cr₀b	bx	48	31	23	Tr	12.30	Tr	21.00	2.0
Winchester (Worthy Dn.)	bccy	cyc	bcybc	bcxb	51	31	21	-	-	-	-	5.7
S. Farnborough ...	b,cy	cjpcy	bcyb	bx	54	26	16	-	-	-	-	6.1
London (Kew Obsy.) ...	cm₀	bczy	bcz	bmxbmw	52	34	19	-	-	-	-	6.2
Croydon	bcz₀czy	cz₀y	cbz₀	bxmz₀	52	33	22	-	-	-	-	5.6
Shoeburyness	bm₀by	bbc	bcb	bx	50	36	25	-	-	-	-	9.2
Clacton-on-Sea ...	bcc	bc	bcc	cbc	46	42	36	-	-	-	-	7.3
Felixstowe	bz₀bc	bcpr₀c	c	c	47	40	36	Tr	15.30	-	-	7.4
Lympne	bcm₀bc	bcb	bm₀b	bxb	47	33	23	-	-	-	-	8.9
Scilly (St. Mary's) ...	cp₀	cci	orrbc	c	52	44	•	3	12.30	1	21.00	1.3
Falmouth (Pendennis)	bcz₀	bcpr₀	cr₀	cr₀m₀	51	45	•	0.1	17.30	2	21.00	4.8
Plymouth (Cattewater)	cm₀bc	bcqy	cr₀	cr₀	51	44	41	-	-	1	21.00	6.9
Portland Bill	o₀i₀cz₀	cbz₀	by	bbcz₀	50	43	•	Tr	9.00	-	-	•
Southampton (Calshot)	bm₀bcc	cb	b	bcm₀	51	40	37	-	-	-	-	9.3
Dungeness	cbbc	bc	bcb	bbc	48	40	•	-	-	-	-	•
Guernsey	cbcb	obcq	bcm₀q	bccq	48	43	•	-	-	-	-	9.0

ISALLOBARS. POSITION NUMBERS. 2nd May, 1929.



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	1st 10h	Scotia	E'N'	1	bc	46	46
3	2nd 1h	Dieppe	E	2	bc-	46	44

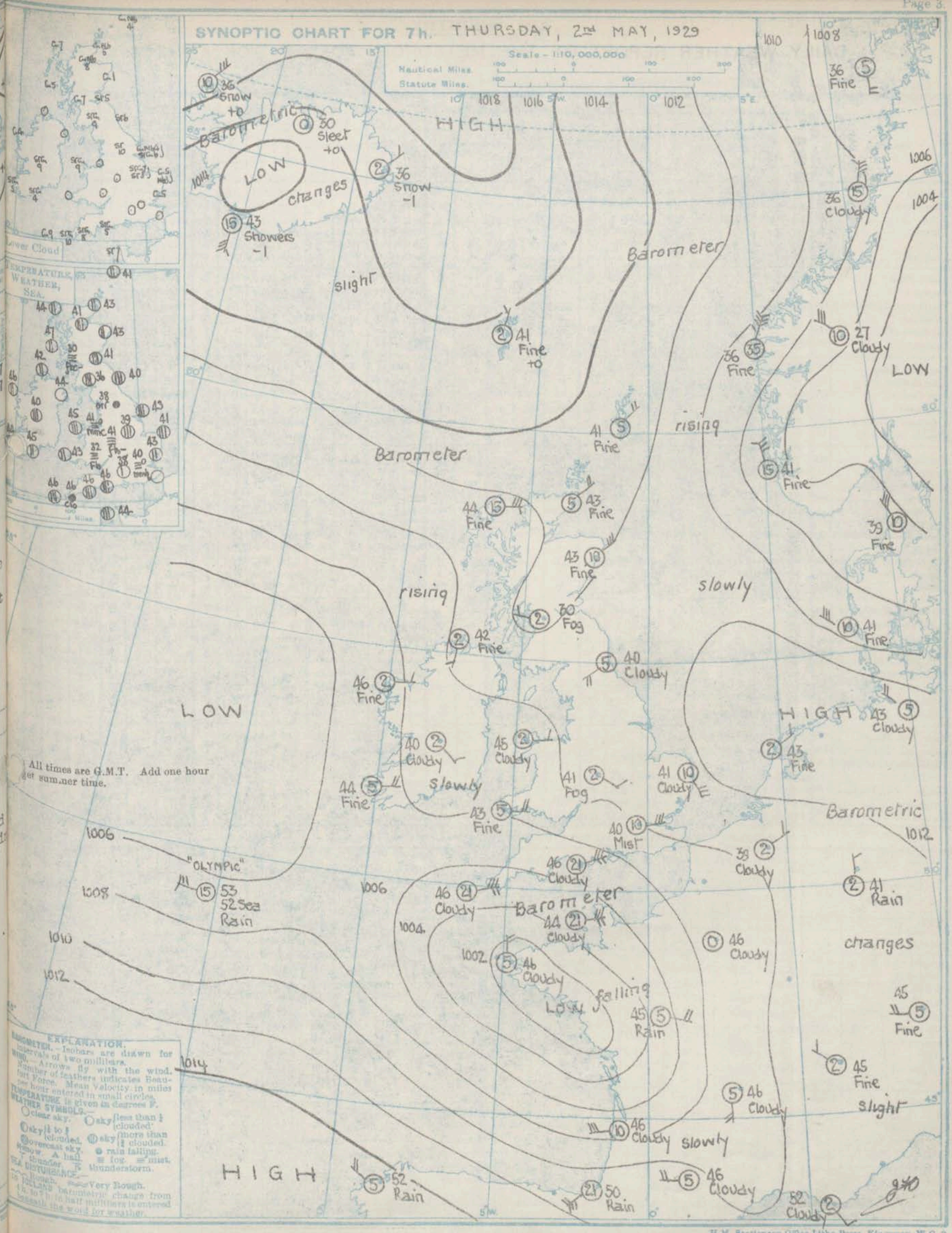
GENERAL INFERENCE.

Pressure continues uniform over the British Isles. Quiet weather will prevail with considerable bright periods in all districts though, showers, perhaps of a thundery type, are likely locally. Day temperature will be moderate but ground frost is to be expected at night in the North and East.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Thursday, 2nd May, 1929.	Farther Outlook.
1. S.E. England	Moderate southeasterly to light variable winds; considerable bright periods; moderate day temperature, ground frost locally at night.	Mainly fair in the North and East; doubtful in West.
2. E. England 3. E. Midlands	Light variable winds mainly easterly; considerable bright periods, perhaps local showers; moderate day temperature, ground frost locally at night.	
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Moderate easterly to light variable winds; fair; moderate day temperature; mist or fog locally at night and in the early morning.	
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Light variable winds; considerable bright periods but showers, perhaps of thundery type, locally; moderate day temperature; mist and ground frost locally at night.	
12. S.W. Scotland & Isle of Man 13. A. W. Scotland B. N. W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Light or moderate easterly winds; considerable bright periods but showers, perhaps of thundery type, locally; moderate day temperature; mist and ground frost locally at night.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light to moderate easterly or southeasterly winds; fair; moderate day temperature, ground frost locally inland at night.	W.H.P.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0915 G.M.T. G. C. SIMPSON, F.R.S. Director.

† For code see page 1. † Trace = rain has fallen, but amount less than 0.1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Thursday,...2nd...May,.....1929. No..122...

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 2nd: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 2nd: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	54	1010·4	+2	NE	2	bc	40	65	8	1500	Cu	3	-	3	1012·4	+4	NE	2	bc|p	41	65	8	1500	CuNb	7	-	7	*
Stornoway	30	1010·7	+1	NE	1	b	*	*	8	*	*	*	*	0	1011·7	+2	E	4	bc+	44	75	8	4000	Cu	7	-	7	3
Wick	81	1010·7	+1	WSW	2	bc	33	97	8	2500	CuNb	3	-	3	1012·8	+1	NE	2	bc	43	75	8	1500	CuNb	5	-	5	0
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1010·3	+1	ESE	1	bc	47	75	8	2500	Cu	5	-	5	1
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1011·8	*	E	1	c	41	85	8	2500	CuNb	8	-	8	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1012·4	+2	NE	3	bc-	43	75	8	2500	Cu	1	ACu	7	0
Malin Head	51	1009·7	0	S	1	b	40	85	6	5700	StCu	2	-	2	1010·5	+1	SSW	1	bc	42	75	6	-	-	0	ACu	6	0
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*	1012·0	+2	WNW	1	fbc-	30	97	3	5700	Cu	7	-	7	*
Edinburgh (Inchkeith)	190	1009·3	0	-	0	0	41	85	7	1500	St	10	-	10	1010·7	+1	NE	3	c	41	92	8	800	St	5	ACu	8	0
Leuchars	30	*	*	*	*	-	*	*	*	*	*	*	*	*	1011·6	+2	NE	2	c	42	85	8	5700	StCu	9	ASt	10	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1011·4	+1	-	0	c	36	97	7	2500	StCu	9	-	9	*
Tynemouth	67	1011·4	+1	WSW	2	0	41	75	7	800	St	10	-	10	1010·9	+1	SW	2	c-	40	85	6	800	St	6	ACu	8	0
Blacksod Point ...	18	1007·7	0	-	0	c	47	75	6	*	CuNb	8	-	8	1007·3	0	E	1	bc	46	85	8	*	Cu	4	-	4	1
Donaghadee	45	*	*	*	*	*	*	*	*	*	*	*	*	*	1010·6	+1	E	2	b	44	85	6	-	-	0	-	0	2
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*	1008·3	*	SE	1	c	40	97	6	4000	StCu	9	-	9	*
Holyhead	30	1009·0	0	SW'S	1	b	43	92	6	2500	Cu	1	-	1	1009·5	0	E	1	c	45	92	6	7200	StCu	9	-	9	1
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1009·9	+1	SE	3	mmc	41	85	4	-	-	0	ACu	9	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1009·6	+1	SSE	2	mmc	41	92	4	7200	StCu	9	-	9	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1011·1	0	S	1	ocr	38	92	3	4150	St	10	-	10	*
Spurn Head	39	1010·4	0	WNW	1	0	42	92	7	2500	St	10	-	10	1010·4	0	SE'S	3	c	43	92	7	4000	StCu	10	-	10	2
Birmingham (Edgbaston)	685	*	*	*	*	*	*	*	*	*	*	*	*	*	1010·6	+1	SE	1	fb-	41	75	4	-	-	0	-	0	*
Cranwell	236	1011·1	0	-	0	bc-	36	92	6	2500	StCu	7	-	7	1011·5	+1	-	0	c	39	85	6	2500	StCu	10	-	10	*
Gorleston	14	1012·5	0	SSE	3	c+	41	97	7	2500	Nb	4	ASt	9	1011·2	0	SSE	3	c	41	85	6	2500	Cu	8	-	8	0
Valentia (Cahirciveen)P	30	1009·2	0	-	0	bc+	48	92	8	*	StCu	5	-	5	1007·1	+1	E	2	bc	44	85	8	1500	StCu	5	CiCu	6	1
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1008·6	+1	E	3	bc	46	92	7	1500	StCu	4	-	4	1
Pembroke (St. Ann's H.)	160	1007·7	0	ESE	2	b	44	92	8	-	-	0	-	0	1007·7	0	E	2	bc+	43	75	6	-	-	0	CiCu	3	*
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1011·2	0	-	0	Fb-	32	97	1	-	-	0	-	0	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1009·8	0	E'S	2	b	39	75	6	-	-	0	-	0	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	1009·1	-1	NE	2	b	39	85	7	-	-	0	CiSt	2	*
S. Farnborough ...	257	*	*	*	*	*	*	*	*	*	*	*	*	*	1009·5	+1	ENE	1	b	38	85	6	-	-	0	Ci	1	*
London (Kew Obsy.) ...	18	*	*	*	*	*	38	*	*	*	*	*	*	*	1010·2	0	E	3	mmb	40	75	4	-	-	0	-	0	*
Croydon	344	1011·1	0	SE	2	b	34	85	6	-	-	0	-	0	1010·5	0	E'S	2	b	42	75	5	-	-	0	-	0	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1011·0	0	ESE	3	b	45	75	7	-	-	0	ACu	1	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1011·1	0	ESE	3	bc	43	85	7	4000	Cu	5	-	5	3
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1011·4	0	SE'E	3	c+	42	85	8	1500	Nb	5	ACu	8	1
Lympne	350	1011·5	-1	ENE	3	b	36	85	7	4000	Cu	4	-	4	1010·1	-1	E	4	b-	41	75	7	-	-	0	Ci	1	*
Scilly (St. Mary's) ...	163	1010·0	-3	ENE	5	bc	46	92	8	4000	Cu	7	-	7	1008·9	+2	E'N	5	c	46	92	7	4000	Cu	9	-	9	3
Falmouth (Pendennis)	200	1005·0	0	ESE	4	c	46	92	7	4000	StCu	10	-	10	1005·3	0	E	4	c	46	85	6	4000	StCu	10	-	10	1
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1006·3	+1	E	4	c	46	75	7	2500	StCu	8	ASt	8	0
Portland Bill	37	1007·8	-2	E	4	b	45	75	9	-	-	0	-	0	1008·8	0	ENE	5	c+	46	85	6	1500	StCu	5	CiCu	8	4
Southampton (Calshot)	10	1009·8	-1	ESE	4	b	41	85	7	-	-	0	-	0	1008·6	-1	ESE	4	b-	43	85	6	-	-	0	Ci	2	0
Dungeness	20	1011·0	0	E	1	b	43	85	8	-	-	0	-	0	1009·9	-1	SE	3	bc+	44	66	8	-	-	0	CiCu	4	3
Guernsey (Fort George) P	206	1006·0	-3	ESE	3	c+	45	85	8	4000	StCu	10	-	10	1004·9	-1	E	5	c+	44	85	7	2500	St	7	ASt	10	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1st May

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-30m. to 9h. 1st	Temperature. Max. 9h.-17h. 1st	Rainfall.† Night 17h.-9h. 30th.-1st	Rainfall.† Day 9h.-17h. 1st.	Sunshine. Sunrise to 17h. 1st	Sunshine. Sunrise to Sunset. 30th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	bc	bcc	32	49	-	-	9·3	10·5
Douglas (I. o. M.) ...	bbc	bcc	35	50	-	-	7·9	11·4
Llandudno ...	cbc	bcc	38	51	-	-	5·5	12·8
Colwyn Bay ...	bbc	cbc	39	52	-	-	4·4	12·2
Rhyl	bc	bc	36	51	-	1	3·3	12·6
Wallasey ...	bcp	pc	40	50	Trace	1	1·2	6·7
Southport	cbbc	cpbc	39	53	-	Trace	2·6	6·9
Blackpool	c	c	38	52	-	-	3·5	10·0
Ilkley	bbc	pc	30	50	-	0·2	5·2	4·4
Cleethorpes... ...	b	bc0	32	48	-	-	9·7	9·0
Skegness	bbc	bc0	28	49	-	-	7·7	10·8
Aberystwyth ...	zbcc	pbc	39	49	-	0·5	2·8	11·4
Bath	fzc	cfc	40	48	Trace	2	0·1	3·5
Cheltenham ...	opo	opo	39	48	-	Trace	0·0	2·2
Leamington Spa ...	c	cb	35	50	-	-	1·5	2·5
Lowestoft	bbc	bcpc	32	46	Trace	Trace	7·4	1·3
Harwich & Dovercourt	bc	bc	33	54	Trace	-	7·8	0·0
Maldon	b	bpc	30	52	-	Trace	7·2	0·5
Southend	b	bcc	35	50	-	-	8·7	0·7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	cbcpc	c	34	52	-	1	2·7	11·3
Penzance	cbc	cor	41	52	-	2	1·7	12·1
Paignton	cz	opbcbbc	40	52	-	Trace	5·5	4·7
Torquay	cz	cfohpb	43	53	-	Trace	5·4	4·2
Jersey	bc	b	35	53	-	-	11·5	0·0
Weymouth	fopc	b	42	51	0·1	1	5·0	3·7
Bournemouth ...	bc	co	39	50	-	-	3·5	(3·6)
Ventnor ...	bz	b	39	56	Trace	-	11·1	3·1
Portsmouth (S'thsea)	b	b	37	50	-	-	10·6	2·0
Bognor	b	b	35	49	-	-	11·4	2·2
Littlehampton ...	bcb	b	32	48	-	-	11·5	2·3
Worthing	b	b	32	52	-	-	11·0	2·4
Brighton	bbc	bcb	34	49	-	-	10·8	2·8
Eastbourne§ ...	b	b	34	49	-	-	10·9	1·0
Hastings§	b	b	35	48	0·1	-	9·8	0·7
Folkestone	bc	bcv	35	48	-	-	9·4	0·0
Dover	bc	bcb	35	49	-	-	10·7	0·0
Tunbridge Wells ...	bbc	bcoc	29	52	-	-	7·4	1·4
Ramsgate	bcb	b	35	46	-	-	10·9	0·0
Margate	bc	bbc	39	47	-	-	11·7	0·0
Deal	b	b	33	50	-	-	11·5	0·0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 1.

§ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ⊕ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24634 Friday 3RD May 1929. Page 1.

Observations at 18h. G.M.T. 2ND

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1014.4	0	E'N	2	bc/p	44	65	8	2500	Cu.Nb.	7	-	7	•
Stornoway	1013.0	+1	ENE	4	bc	48	65	8	4000	Cu.	6	-	6	•
Wick	1014.8	+2	ENE	3	bc	44	75	8	2500	Cu.Nb.	3	Cu.	5	•
Tiree	1012.0	+1	E'N	2	bc	49	65	9	2500	Cu.	5	-	5	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1014.4	+2	E	4	bc	45	75	8	2500	Cu.	2	A.Cu.	6	1
Malin Head	1011.7	+1	E	4	bc	48	65	5	-	-	0	A.Cu.	4	•
Renfrew	1012.3	+1	ESE	3	bc	52	55	6	4000	Cu.Nb.	6	A.Cu.	7	0
Edinburgh (Inchkeith)	1012.5	+3	E	3	bc	48	75	8	4000	Cu.	3	A.Cu.	4	•
Leuchars	1013.6	+2	E	3	bc-	47	75	8	5700	Cu.	1	A.Cu.	6	1
Eskdalemuir	1012.1	+1	NNE	4	c/p/o	43	65	7	4000	Cu.Nb.	9	-	9	2
Tynemouth	1011.7	+1	SE	2	bc	48	75	6	800	St.	4	A.Cu.	5	•
Blacksod Point ...	1009.5	+2	-	0	bc	55	55	8	•	Cu.Nb.	5	-	5	•
Donaghadee	1011.8	+1	E	2	b	48	75	7	-	-	0	-	0	•
Birr Castle	1007.0	•	SE	1	c	54	65	6	4000	Cu.Nb.	8	-	8	•
Holyhead	1010.2	0	N'W	1	bc/p	48	85	7	4000	Cu.Nb.	6	-	6	0
Liverpool (Bidston) ...	1010.0	0	E'S	2	bc+	54	45	6	-	-	0	A.St.	6	•
Chester (Sealand) ...	1009.7	0	SSE	2	bc	57	45	6	4000	Cu.	5	-	5	0
Harrogate	1010.9	0	E'S	3	c/o	48	65	7	4000	Cu.Nb.	9	-	9	•
Spurn Head	1011.2	0	SE'S	3	c	45	85	7	5700	St.Cu.	5	A.St.	9	•
Birmingham (Edgbaston)	1010.0	0	E	2	bc+	51	45	6	4000	Cu.	7	-	7	1
Cranwell	1011.0	0	SE'E	2	c	52	55	7	4000	Cu.	9	-	9	0
Gorleston	1012.2	0	ESE	3	b	45	65	7	-	-	0	Cu.St.	2	•
Valentia (Cahirciveen)	1008.4	+2	E'S	3	c	51	65	8	2500	St.Cu.	8	-	8	0
Roches Point	1009.4	+2	SE	3	bc	51	75	X8	2500	Cu.	5	-	5	•
Pembroke (St. Ann's H.)	1008.3	0	SE	3	bc+	54	65	7	2500	Cu.	2	Cu.St.	5	•
Ross-on-Wye	1008.9	0	E	3	bc	53	45	7	4000	Cu.	5	-	5	0
Leafield	1009.0	0	E	3	bc	51	45	8	5700	Cu.	4	-	4	0
Winchester (Worthy Dn.)	1008.0	-1	ENE	4	bc	52	35	8	4000	St.Cu.	7	-	7	0
S. Farnborough ...	1008.3	-2	E	4	bc+	54	45	7	4000	Cu.	4	-	4	0
London (Kew Obsy.) ...	1009.3	-1	E	5	b	51	45	6	4000	Cu.	1	-	1	0
Croydon	1009.5	-2	E'N	4	b	52	45	8	2500	Cu.	2	-	2	0
Shoeburyness	1010.6	0	E'N	5	b	49	55	8	-	-	0	A.Cu.	1	•
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1011.5	0	E'N	3	b	47	65	9	4000	Cu.	1	Ci.	2	0
Lympne	1009.5	-2	NE	5	b	49	45	8	4000	Cu.	1	-	1	0
Scilly (St. Mary's) ...	1006.9	+1	E	4	bc	48	75	7	4000	Cu.	7	-	7	•
Falmouth (Pendennis)	1006.7	0	ESE	4	bc	50	65	7	4000	Cu.	3	A.Cu.	6	•
Plymouth (Cattewater)	1006.9	+1	ESE	4	c⊕	51	45	8	2500	Cu.	3	Cu.St.	9	0
Portland Bill	1006.7	0	E	5	c+	49	65	8	1500	St.Cu.	6	Cu.	9	•
Southampton (Calshot)	1007.6	-2	SE'S	6	b	50	55	8	4000	Cu.	1	A.Cu.	2	0
Dungeness	1008.8	0	NE	5	b-	49	55	8	2500	Cu.	2	-	2	•
Guernsey (Fort George) .	1004.9	0	ENE	5	c/o	45	85	6	1500	St.	8	A.St.	10	•

Observations at 18h. G.M.T. 2ND

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014.9	0	-	0	bc/p	42	75	8	1500	Cu.Nb.	7	-	7	•
Stornoway	1013.2	+1	ENE	3	b	47	65	9	4000	Cu.	1	A.Cu.	2	2
Wick	1015.2	+1	E	3	bc	43	65	8	2500	St.Cu.	2	Cu.	5	1
Tiree	1012.9	+1	NE	2	b	49	85	8	1500	Cu.	2	-	2	0
Nairn	1013.9	•	E	2	bc	45	75	8	2500	Cu.Nb.	7	-	7	•
Aberdeen	1015.5	+1	E	3	b	43	65	8	2500	Cu.	1	A.Cu.	2	0
Malin Head	1012.7	+2	E	3	c+	47	85	6	-	-	0	A.Cu.	8	0
Renfrew	1013.3	+2	ENE	3	bc-	46	55	7	5700	Cu.	1	A.Cu.	4	•
Edinburgh (Inchkeith)	1013.2	0	E	3	b	47	85	8	4000	Cu.	2	-	2	1
Leuchars	1014.9	+2	E	3	b-	43	75	8	4000	Cu.	1	A.Cu.	1	•
Eskdalemuir	1013.8	+1	NNW	2	c	39	85	7	4000	Fr.Cu.	6	A.Cu.	8	•
Tynemouth	1013.5	+2	ENE	2	bc+	44	75	7	1500	Cu.	4	A.Cu.	6	1
Blacksod Point ...	1011.0	+2	E	2	bc	52	65	8	•	Cu.	3	-	3	2
Donaghadee	1012.1	+1	-	0	b	50	65	7	5700	St.Cu.	1	Cu.Cu.	2	0
Birr Castle	1011.0	•	S	1	cR	46	97	6	4000	Cu.Nb.	9	-	9	•
Holyhead	1010.7	+1	NNE	3	b	49	75	6	-	-	0	-	0	0
Liverpool (Bidston) ...	1010.2	0	E	3	bc	50	55	5	-	-	0	A.St.	6	•
Chester (Sealand) ...	1009.9	0	ENE	2	mmc	49	65	4	2500	St.	9	-	9	•
Harrogate	1012.0	+1	SE	2	c	45	65	7	7200	Nb.	7	A.St.	10	•
Spurn Head	1011.7	0	SE'E	4	bc-	43	75	7	5700	St.Cu.	3	Cu.Cu.	4	2
Birmingham (Edgbaston)	1009.5	0	ENE	3	c+	50	45	5	4000	Cu.	4	A.Cu.	8	•
Cranwell	1011.4	0	E	3	bc-	47	55	8	4000	St.	2	A.Cu.	3	•
Gorleston	1011.3	0	ENE	4	b	44	65	7	-	-	0	-	0	1
Valentia (Cahirciveen)	1010.7	+4	N	2	bc	54	55	8	2500	Cu.	4	-	4	0
Roches Point	1010.9	+2	SE	3	bc	50	75	7	2500	St.Cu.	1	Ci.	6	1
Pembroke (St. Ann's H.)	1008.8	0	N	1	bc	50	75	7	2500	Cu.	4	Ci.	6	0
Ross-on-Wye	1008.9	0	E'N	3	c+	53	45	6	4000	St.Cu.	8	-	8	•
Leafield	1008.9	0	E'N	3	b-	48	55	7	5700	Cu.	1	-	1	•
Winchester (Worthy Dn.)	1008.0	+1	NE	4	bc	49	35	8	4000	St.Cu.	2	Ci.	3	•
S. Farnborough ...	1008.4	+1	ENE	4	b	48	35	6	-	-	0	Ci.	1	•
London (Kew Obsy.) ...	1009.1	+1	E'N	4	b	47	45	6	-	-	0	Ci.	1	•
Croydon	1009.5	+1	E'N	4	b	46	45	6	-	-	0	Ci.	1	•
Shoeburyness	1010.0	-1	NE	4	b	44	65	8	-	-	0	A.Cu.	1	•
Clacton-on-Sea ...	1009.9	-1	ENE	5	bc	45	75	7	4000	Cu.	3	-	3	4
Felixstowe	1010.7	+1	NE	4	b	43	65	8	-	-	0	Ci.	1	4
Lympne	1008.4	0	NE'N	6	bc	42	75	8	7200	St.Cu.	2	A.Cu.	7	•
Scilly (St. Mary's) ...	1008.4	+2	ENE	3	bc	50	65	7	4000	St.Cu.	4	A.Cu.	6	1
Falmouth (Pendennis)	1007.3	+1	ESE	3	bc+	49	55	7	4000	St.Cu.	3	Ci.	6	1
Plymouth (Cattewater)	1007.4	+1	ENE	3	b-	50	35	8	-	-	0	Ci.	2	0
Portland Bill	1007.2	0	E	3	bc	48	75	6	2500	St.Cu.	7	-	7	4
Southampton (Calshot)	1007.5	+1	ENE	5	bc	51	35	8	-	-	0	Ci.	3	3
Dungeness	1007.4	-1	E	5	bc-	43	75	8	4000	St.Cu.	4	A.Cu.	6	5
Guernsey (Fort George) .	1004.8	0	ENE	6	c/o	45	85	5	1500	Nb.	4	A.St.	10	6

LONDON OBSERVATIONS.

Day 7h.-18h., Kew & Croydon. 9h.-18h., Kensington. 9h.-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 HOURS ENDED 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs. (YESTERDAY.)	Humidity. 15h. G.M.T. % (YESTERDAY.)	Humidity. 9h. G.M.T. % (TO-DAY.)	Pollution.
Kew	18	bz,y	bebz,y	bz₀	53	37	31	-	-	12.1	*	*	5
Croydon	244	bzbcy	by	bbcmw	53	35	30	-	-	13.3	*	*	6
Greenwich (Royal Obsy.) ..	149	bzy	bbczby	bmby	54	37	28	-	-	13.2	35	37	7
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	10.4	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	58	38	-	-	-	11.4	28	44	*
Regent's Pk. (Botanic Gdns.).	188	*	*	*	*	*	*	*	*	12.0	*	*	*
Camden Square..	116	bc	cb	*	55	36	-	-	-	*	*	59	*
Kensington Palace	80	bz	bcb	*	53	38	30	-	-	*	(At 18h.) 78	46	*
Hampstead Observatory ..	453	*	*	*	51	33	30	-	Tr.	12.9	*	64	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 3RD

South Kensington Max.	Time.	Min.	Time.
2.0	8h.2M	0.3	2h.3M

Kew Observatory Max.	Time.	Min.	Time.
0.3	7h.2M	0.1	3h.3M

POLE STAR RECORD at Greenwich Obsy.

Exposure from 2ND 20h.30m. to 3RD 3h.15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6.45	6.45	100
δ Ursæ Minoris	6.45	6.45	100

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

3RD 4TH May, 1929.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.21	11.50	19.21
	4.19	11.50	19.22
Greenwich	4.31	11.57	19.24
	4.29	11.57	19.25
Wick	4.17	12.9	20.3
	4.14	12.9	20.6
Valentia	5.11	12.38	20.6
	5.9	12.38	20.8

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.

< = less than (for cloud height), before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.

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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell } Calm or slight sea.
2=heavy swell } Calm or slight sea.
3=no swell } Moderate sea.
4=mod. swell } Moderate sea.
5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

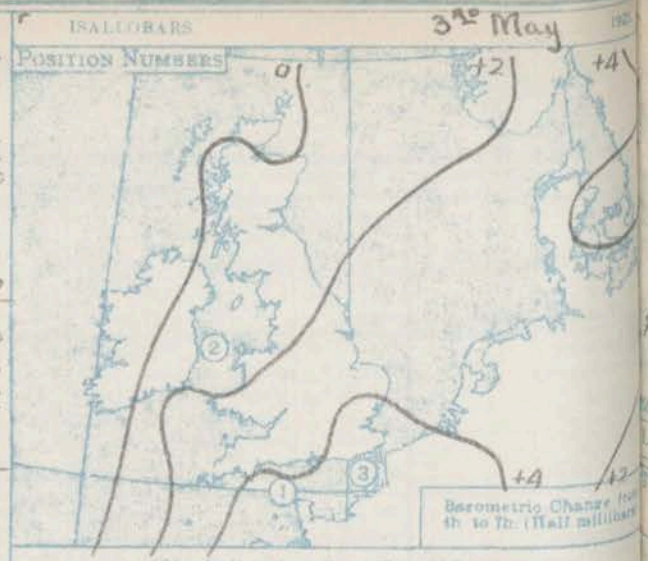
	Objects not visible at 65 yards.
0. Dense fog.	
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1½ miles.
5. Poor visibility.	2½ "
6. Moderate.	6½ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 2nd	18h.-18h. 2nd	18h. 2nd to 1h. 3rd	1h.-7h. 3rd	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	Sun 2nd Hours.
Lerwick	bapl₀	bapl₀	bapl₀	bc	46	36	•	1	18·00	Tr.	12·00	8·4
Stornoway	c	b-bc	b-bc	c	50	38	•	–	–	–	–	10·0
Wick	b-bc	b-bc	b-bc	c	44	40	•	–	–	–	–	•
Tiree	bc	bc	b	b	52	38	28	–	–	–	–	12·8
Nairn	cPbc	bc	bc	pbc	46	38	•	0·5	11·00	Tr.	5·30	0·0
Aberdeen	bc	bcb	b	b-bc	48	34	27	–	–	–	–	6·0
Kalin Head	bcz₀z₀	bczz₀	ozz₀	cbczz₀	48	39	•	–	–	–	–	8·1
Renfrew	bcfcgzy	cbcy	bcb	bcp₀m	52	42	24	–	–	Tr.	–	3·9
Edinburgh (Inchkeith)	cbc	bcb	b-bc	bbcc	50	37	29	–	–	–	–	9·2
Leuchars	–bc	bcb	bbc	bccxc	47	33	27	–	–	–	–	8·6
Eskdalemuir	cycpl₀	crcpl₀c	cbcb	bxb	50	27	25	2	12·30	–	–	0·7
Tynemouth	cbc	bc	bc	bc	48	40	32	–	–	–	–	•
Blacksod Point ...	bc	bc	bcb	bbc	56	40	•	–	•	–	•	•
Donaghadee	b	b	bc	bc	51	42	•	–	–	–	–	•
Birr Castle	cbc	cPc	cr₀	cbxc	55	33	26	11	13·30	Tr.	21·00	2·9
Holyhead	cbcm₀	bcbz₀	bmmw	bmmw	52	41	35	Tr.	12·30	Tr.	–	6·3
Liverpool (Bidston) ...	cmbbc	ybcm₀	bbcm₀	bmw	54	38	33	–	–	–	–	6·8
Chester (Sealand) ...	cbcmyz₀	cyz₀qz	cbcm₀m	bcbmx	58	31	28	–	–	–	–	5·5
Harrogate	cfrocr₀	ccr₀	c	c	48	34	28	1	18·00	–	–	1·0
Spurn Head	c	cbc	bc	bcapl₀	47	38	•	–	–	Tr.	6·30	5·3
Birmingham (Edgbaston)	mbbc	b-bc	c	cbcm	53	36	33	–	–	–	–	6·9
Cranwell	bcay	cr₀bc	c, b	bxp	53	28	23	Tr.	13·30	–	–	4·2
Gorleston	cbcb	b	bq	bqbc	45	40	37	–	–	–	–	11·3
Valentia (Cahirciveen)	bac	cp₀bcy	bcyb	bwbc	56	38	34	Tr.	14·30	Tr.	–	7·9
Roches Point	bc	bc	bcpw	bw	52	37	•	–	–	Tr.	–	•
Pembroke (St. Ann's H.)	bc	bc	bcbm₀	bmm	54	41	•	–	–	–	–	12·1
Ross-on-Wye	cmbbc	bcycybcy	cyc	cbw	55	35	24	–	–	–	–	9·3
Leafield	bbcy	bcby	b	bc	53	30	24	–	–	–	–	11·1
Winchester (Worthy Dn.)	bbcy	bcy	bcybc	bcb	55	32	29	–	–	–	–	12·1
S. Farnborough ...	by	bcbyz₀	byz₀b	bwx	55	34	27	–	–	–	–	12·1
London (Kew Obsy.) ...	bz₀y	bcbz₀y	bz₀	bz₀	53	37	31	–	–	–	–	12·1
Croydon	bz₀bcy	by	bz₀	bbcm₀w	53	35	30	–	–	–	–	13·3
Shoeburyness	by	b	bbc	bc	50	37	35	–	–	–	–	12·9
Clacton-on-Sea ...	bc	bc	bcb	bbc	47	38	34	–	–	–	–	11·0
Felixstowe	bcb	by	b	bc	47	35	32	–	–	–	–	9·~~7~~ 8
Lympne	by	bybc	bcbo	ocbcc	49	40	37	–	–	–	–	11·1
Scilly (St. Mary's) ...	cPbc	bc	bc	bcb	52	44	•	6	18·00	–	–	4·7
Falmouth (Pendennis)	cr₀bcm₀	bcbc	bcbc	bbc	50	42	•	Tr.	18·00	–	–	7·3
Plymouth (Cattewater)	bc~~a~~c y	cby	by	by	52	40	29	–	–	–	–	3·9
Portland Bill	bc	bcz₀	bcb	bz₀	50	38	•	–	–	–	–	•
Southampton (Calshot)	bmbcby	bbcy	bcyb	bbcvb	53	36	33	–	–	–	–	12·2
Dungeness	bcb	bcbc	bcco	oc	50	43	•	–	–	–	–	•
Guernsey	cr₀gm₀	cr₀gm₀	cr₀gmc	bc	48	43	•	0·2	9·00	1	21·00	0·0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	2nd 10h	SCOTIA	E	1	bc	48	47
1	" 12h	ST. HELIER	NE	6	bc-	49	49
3	3rd 1h.	BRIGHTON	NE	5	r+	46	45

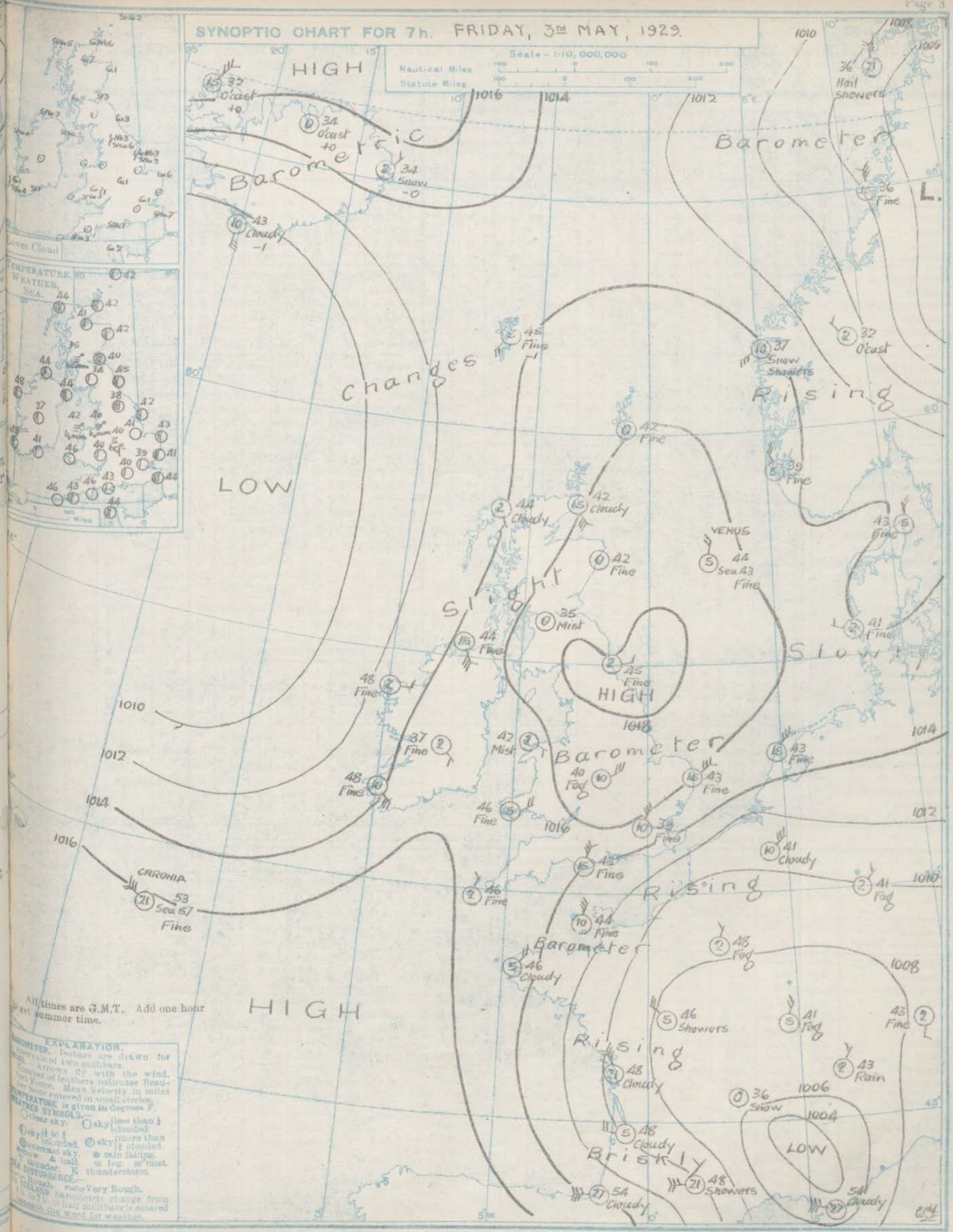
GENERAL INFERENCE.

Pressure continues uniform over the British Isles. Weather will be quiet and fair generally with moderate day temperatures but ground frost in many districts at night.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Friday, 3rd May, 1929.	Farther Outlook.
1. S.E. England 2. E. England	Moderate northeasterly winds becoming light variable; fine; moderate day temperature, ground frost locally at night.	
3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light variable winds; fine; moderate day temperature, ground frost locally at night; early morning mist.	Fair and quiet generally with ground frost inland at night.
13. A. W. Scotland 14. W. Scotland	Moderate southerly winds; fair; moderate day temperature, ground frost inland at night.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	As 2 - 12.	
17. N.W. Ireland 18. N.E. Ireland	Moderate southerly or southeasterly winds; fair; moderate temperature.	
19. S.E. Ireland 20. S.W. Ireland	As 2 - 12.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 G.M.T. G. C. Simpson, F.R.S. Director.

† See code on page 1. † Trace = rain has fallen, but amount less than 0·1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Friday, 3rd May 1929. No. 123.

Stations	Height above M.S.L. in feet	6h. G.M.T. 3rd: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	18h. G.M.T. 3rd: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sun. 0-9
Lerwick	54	1015.3	0	-	0	bc	38	92	8	1500	St.Cu.	2	Ci.St.	4	1015.8	+1	-	0	bc	42	65	8	1500	St.Cu.	2	Ci.St.	4	•
Stornoway	30	1014.9	+1	-	0	c+	•	•	7	•	•	•	•	8	1013.8	0	SSE	1	c	44	85	8	4000	St.Cu.	5	Ci.Cu.	9	0
Wick	81	1016.6	0	SE	2	bc	41	75	8	2500	St.Cu.	2	Ci.St.	4	1015.8	-1	SSE	4	c	42	92	8	2500	Cu.Nb.	6	A.Cu.	9	1
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.4	0	S	4	b-	45	85	8	-	-	0	-	0	3
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.3	•	-	0	bc	41	85	8	2500	Cu.	7	-	7	•
Aberdeen	87	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.6	0	-	0	bc	42	65	7	2500	Cu.	1	A.Cu.	3	0
Malin Head	51	1014.6	+1	S	1	c	44	85	6	5700	St.Cu.	10	-	10	1014.5	0	SSE	4	bc	44	85	6	5700	St.Cu.	3	Ci.Cu.	4	1
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.2	0	-	0	mmbc	35	97	4	5700	Cu.	5	-	5	•
Edinburgh (Inchkeith)	190	1017.2	+3	E	2	b	39	85	8	1500	St.	2	-	2	1017.0	+1	E	2	c	40	75	8	1500	St.	3	A.Cu.	9	0
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.4	+1	SSE	1	c	40	85	7	4000	Cu.	1	A.Cu.	8	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.3	0	N	2	b	34	97	8	-	-	0	A.Cu.	1	•
Tynemouth	67	1016.3	+1	E	1	bc	41	75	7	1500	Cu.	4	-	4	1018.0	+2	E	1	bc	45	65	8	1500	Cu.	3	-	3	1
Blacksod Point	48	1013.2	+1	-	0	b	42	85	6	•	-	0	-	0	1012.4	0	E	1	bc	48	75	8	•	St.Cu.	5	-	5	1
Donaghadee	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.5	+1	ESE	2	bc-	44	85	7	5700	St.Cu.	3	A.Cu.	4	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.6	•	SSE	1	bc	37	92	6	-	-	0	Ci.St.	6	•
Holyhead	36	1013.2	+1	ENE	3	mmb	44	92	4	-	-	0	-	0	1015.1	+1	ESE	1	mmb	42	92	4	-	-	0	-	0	1
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.1	+2	ESE	4	mmb	40	75	4	-	-	0	-	0	0
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.8	+2	SE	2	b	39	85	5	5700	St.Cu.	1	-	1	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.0	+2	SSW	1	c	38	92	6	2500	St.Cu.	9	-	9	•
Spurn Head	29	1014.2	+1	E'S	2	bc	40	92	7	-	-	0	A.St.	3	1017.1	+2	SE'E	3	bc-	42	85	7	4000	Cu.Nb.	6	-	6	2
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.8	+2	ENE	3	fbc-	40	85	4	2500	Cu.	1	A.Cu.	5	•
Cromwell	238	1015.0	+4	NE'E	2	b-	33	92	7	-	-	0	A.St.	1	1017.6	+3	NE	2	b	41	85	7	-	-	0	-	0	•
Gorleston	14	1014.2	+2	NE'E	5	b	42	85	7	-	-	0	-	0	1015.8	+2	NE'E	4	bc+	43	85	7	4000	Cu.	6	-	6	0
Valentia (Cahirciveen)‡	30	1015.1	0	-	0	b	43	97	8	-	-	0	-	0	1013.9	-1	SE'S	3	bc	48	75	8	1500	St.Cu.	5	-	5	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.9	+2	N	2	b	41	97	7	1500	St.	1	-	1	0
Pembroke (St. Ann's H.)	155	1012.8	+2	N	1	b-	43	97	6	-	-	0	-	0	1015.2	+3	ENE	2	b	46	65	6	-	-	0	-	0	•
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.0	+2	ENE	1	b	40	75	9	4000	Cu.	1	-	1	•
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.5	+3	NNE	3	bc	37	92	7	4000	Cu.	3	-	3	•
Winchester (Worthy Park)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.0	+3	N	3	b	40	65	8	-	-	0	Ci.St.	1	•
S. Farnborough	247	•	•	-	•	•	•	•	•	•	•	•	•	•	1015.5	+5	NE	3	b	40	75	7	-	-	0	A.Cu.	1	•
London (Kew Obsy.)	18	•	•	•	•	•	39	•	•	•	•	•	•	•	1015.8	+4	NE'N	3	b	39	75	5	4000	Cu.	1	Ci.	1	•
Croydon	244	1014.8	+2	ENE	3	b	37	85	6	-	-	0	-	0	1015.3	+5	NE'N	3	bc-	41	75	5	-	-	0	Ci.St.	3	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.9	+4	NNE	4	bc+	43	75	8	-	-	0	A.Cu.	6	4
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.2	+4	NE	4	bc	41	85	7	-	-	0	Ci.	5	3
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.3	+4	NE'N	4	bc	44	65	8	-	-	0	Ci.	5	•
Lympne	350	1009.9	+1	NE'N	6	0	42	85	7	1500	St.	10	-	10	1013.2	+5	NE'N	5	c	42	65	7	5700	St.Cu.	4	A.St.	10	•
Scilly (St. Mary's)	163	1013.3	+3	NNE	3	bc	46	92	7	4000	St.Cu.	3	-	3	1015.8	+2	NE'N	1	b	46	92	7	-	-	0	-	0	1
Falmouth (Pendennis)	200	1011.4	+4	NNE	2	b-	45	75	7	-	-	0	-	0	1015.8	+3	NNE	1	bc+	43	65	7	4000	St.Cu.	3	Ci.	6	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.6	+4	NE	2	b	46	65	8	-	-	0	-	0	0
Portland Bill	32	1010.3	+3	NE	4	b	41	65	8	1500	St.Cu.	1	-	1	1013.5	+3	NNE	4	b	43	65	8	1500	St.Cu.	1	-	1	3
Southampton (Calshot)	10	1010.9	+3	NE	4	b	40	65	7	5700	St.Cu.	1	Ci.	2	1014.1	+4	NE'N	5	b-	41	75	8	-	-	0	Ci.	1	0
Dungeness	20	1009.7	+2	NE	5	c+	45	85	8	-	-	0	A.St.	10	1012.7	+3	NE	5	c	44	85	8	5700	St.Cu.	7	A.St.	10	3
Guernsey (Fort George)‡	206	1009.2	+4	NNE	3	c+	45	85	6	4000	St.Cu.	10	-	10	1013.7	+5	NNE	3	bc-	44	85	7	1500	Cu.	2	A.Cu.	7	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 2nd May

Stations	Weather Forenoon.	Weather Afternoon.	Temperature Min 9h. 1st to 9h. 2nd	Temperature Max. 9h.-17h. 2nd	Rainfall† Night 17h.-9h. 1st-2nd	Rainfall† Day 9h.-17h. 2nd	Sunshine Sunrise to 17h. 2nd	Sunshine Sunrise to Sunset. 1st
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F	°F	mm.	mm.	hr.	hr.
Berwick-on-Tweed	bc	bc	38	46	-	-	5.6	9.3
Douglas (I. o. M.)	bbc	bbc	41	53	-	-	9.7	9.6
Llandudno	bc	bc	39	53	-	-	8.4	5.7
Colwyn Bay	bbcb	b	38	53	-	-	7.5	4.4
Rhyl	b	b	39	54	-	-	10.1	3.5
Wallasey	b/zb	bcbc	40	56	-	-	5.6	1.2
Southport	cb	orcbc	*36	55	-	1	2.6	2.8
Blackpool	c	c	36	54	-	-	4.8	3.3
Ilkley	cb	rbr	36	50	2	6	1.0	5.5
Cleethorpes	c	c	40	49	-	-	4.3	9.3
Skegness	bc	cb	40	51	-	-	6.6	7.9
Aberystwyth	cbc	bcc	41	51	Trace	-	6.2	2.8
Bath	b	bbcc	33	55	Trace	-	9.0	0.1
Cheltenham	by	by	34	55	-	-	10.8	0.1
Leamington Spa	bc	c	36	54	-	-	8.2	1.5
Lowestoft	b	b	39	49	-	-	9.9	7.4
Harwich & Dovercourt	bcv	bv	40	48	-	-	7.9	7.9
Maldon	bcb	b	31	49	-	-	10.2	7.2
Southend	b	b	39	49	-	-	11.5	8.9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	cmcbc	cm	41	53	0.4	-	4.7	2.8
Penzance	cbc	cb	40	53	4	-	3.3	1.7
Paignton	ogz	cbcby	40	52	-	-	5.2	5.6
Torquay	cmbc	by	40	54	-	-	7.8	6.1
Jersey	rc	p	42	49	2	0.5	0.0	13.0
Weymouth	b	b	40	52	-	-	10.4	6.7
Bournemouth	b	bbcc	35	55	-	-	10.0	4.7
Ventnor	bz	bz	41	51	-	-	11.0	12.8
Portsmouth (S'thsea)	b	b	39	56	-	-	11.3	12.0
Bognor	bbc	bbc	38	54	-	-	11.2	13.0
Littlehampton	bcb	bbc	36	54	-	-	10.8	12.9
Worthing	b	bbc	37	56	-	-	11.0	12.5
Brighton	b	bbc	40	54	-	-	10.5	12.3
Eastbourne‡	b	bbcc	36	52	-	-	10.3	12.1
Hastings‡	b	bbcc	39	51	-	-	10.0	11.1
Folkestone	b	bbc	35	49	-	-	10.2	10.5
Dover	b	bbcc	36	50	-	-	10.4	12.3
Tunbridge Wells	b	b	34	53	-	-	11.1	7.4
Ramsgate	b	b	40	46	-	-	11.1	12.1
Margate	bc	bc	38	47	-	-	11.3	13.1
Deal	b	bbc	39	50	-	-	8.0	13.0

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* Information not usually received. ‡ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station § For code nos page 1. †‡ See footnote page 1

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 17h.-9h. ‡ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24635 Saturday, 4th May, 1929.

Observations at 13h. G.M.T. 3rd

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.† 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun on ground.
Lerwick	1015.4	-1	S'E	1	bc	47	55	8	1500	StCu	3	ASt	6	*
Stornoway	1012.6	-2	S	3	c	52	65	7	4000	CuNb	10	-	10	*
Wick	1014.6	-1	SSE	3	bc	46	75	8	2500	Cu	2	CiSt	7	*
Tiree	1012.3	-3	S'W	5	bc	51	92	8	2500	Cu	6	-	6	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1016.9	-1	SSE	4	bc+	46	55	7	4000	Cu	1	ACu	6	1
Malin Head	1012.0	-4	S	5	bc+	56	55	6	5700	Cu	7	-	7	*
Renfrew	1015.5	-3	SE	1	c/pr.	51	65	6	4000	St	10	-	10	0
Edinburgh (Inchkeith)	1016.0	-1	E	1	bc	50	65	8	800	St	8	ACu	5	*
Leuchars	1016.6	-1	SE	2	bc-	48	75	8	2500	Cu	1	ACu	6	0
Eskdalemuir	1016.2	-2	S'W	4	bc	48	45	7	4000	Cu	6	-	6	1
Tynemouth	1018.3	-1	E	2	b	47	65	8	1500	Cu	1	Ci	2	*
Blacksod Point	1009.8	-2	S	4	c	52	65	8	*	CuNb	9	-	9	*
Donaghadee	1016.3	-2	S'E	3	bc	50	75	7	-	-	0	CiSt	3	*
Birr Castle	1012.7	*	S	3	c+	55	65	7	4000	StCu	9	-	9	*
Holyhead	1015.6	0	S'W	4	b	53	85	6	-	-	0	-	0	0
Liverpool (Bidston)	1016.2	-1	SE	4	bc+	53	75	7	-	-	0	Ci	7	*
Chester (Sealand)	1016.7	-1	S'E	3	bc+	53	45	6	4000	Cu	6	-	6	0
Harrogate	1017.2	-1	SE	4	bc	49	55	7	4000	Cu	5	-	5	*
Spurn Head	1018.5	+1	SE'E	2	bc-	47	65	7	4000	Cu	3	-	3	*
Birmingham (Edgbaston)	1017.2	0	SSE	2	b	52	35	7	4000	Cu	1	-	1	0
Cranwell	1017.9	0	N	2	bc	53	55	8	4000	StCu	6	-	6	0
Gorleston	1018.0	+2	NE	3	b	47	75	7	3700	Cu	2	-	2	*
Valentia (Cahirciveen)	1011.5	-3	S'E	5	c	52	85	8	1500	St	8	ASt	10	0
Roches Point	1015.3	-2	SW	3	c	53	85	7	2500	StCu	5	Ci	8	*
Pembroke (St. Ann's H.)	1016.8	+1	S	1	bc+	49	75	6	-	-	0	ACu	3	*
Ross-on-Wye	1016.9	+1	NE'E	2	b	54	45	8	4000	Cu	1	-	1	0
Leafield	1016.7	+1	NE'N	2	b	51	35	9	3700	Cu	1	-	1	0
Winchester (Worthy Dn.)	1016.1	0	NNE	2	b	53	35	8	4000	Cu	2	-	2	0
S. Farnborough	1016.1	0	NE	3	b	56	35	6	4000	Cu	1	-	1	0
London (Kew Obsy.)	1017.1	0	E	2	bc	52	35	6	4000	Cu	4	-	4	0
Croydon	1016.4	0	NE'E	3	bc+	53	35	7	4000	Cu	3	Ci	4	0
Shoeburyness	1017.6	+3	ENE	4	bc	47	75	8	-	-	0	Ci	6	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1017.5	+1	ENE	4	bc	47	65	9	4000	Cu	1	Ci	3	0
Lympne	1016.2	+3	NE'N	4	b+	50	45	8	2500	Cu	1	CiCu	2	0
Scilly (St. Mary's)	1017.3	+1	SSE	3	b	55	65	7	-	-	0	-	0	*
Falmouth (Pendennis)	1017.3	+1	S	1	b-	54	55	7	4000	StCu	2	-	2	*
Plymouth (Cattewater)	1017.7	+2	SW	4	b	53	55	7	4000	Cu	2	Ci	1	0
Portland Bill	1016.6	+2	S	2	b	50	65	7	1500	Cu	1	-	1	*
Southampton (Calshot)	1016.5	+1	S'E	2	bc+	53	55	7	3700	Cu	3	-	3	0
Dungeness	1015.8	+4	E	4	bc-	50	75	8	4000	Cu	1	CiCu	4	*
Guernsey (Fort George)	1017.5	+3	NE	2	b	48	75	7	-	-	0	-	0	*

Observations at 18h. G.M.T. 3rd

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.† 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun. 0-8
Lerwick	1014.6	-2	S	1	c	44	65	8	1500	StCu	4	ASt	8	*
Stornoway	1009.7	-4	-	0	c	49	55	8	-	-	0	CiSt	8	1
Wick	1012.4	-2	SSE	3	bc	46	92	8	-	-	0	CiSt	5	0
Tiree	1009.3	-5	SE	3	cTr	45	97	7	450	Nb	10	-	10	4
Nairn	1011.9	*	E	1	bc/r	45	85	8	2500	CuNb	7	-	7	*
Aberdeen	1015.4	-1	SSE	3	bc	43	65	7	2500	Cu	1	ACu	3	3
Malin Head	1007.4	-4	SSE	5	c	53	65	5	5700	StCu	9	-	9	3
Renfrew	1012.7	-3	SSE	2	c	52	45	6	5700	Cu	5	ACu	8	*
Edinburgh (Inchkeith)	1013.3	-2	NNE	3	bc	45	85	7	800	St	4	ACu	7	0
Leuchars	1014.7	-2	SE	3	cr	44	75	6	1500	CuNb	8	ACu	9	*
Eskdalemuir	1013.6	-2	SSW	3	bc	49	45	7	4000	Cu	3	ACu	4	*
Tynemouth	1016.4	-2	SE	3	bc	43	65	8	1500	Cu	3	-	3	4
Blacksod Point	1004.9	-4	W	2	oR-	47	92	7	*	Nb	10	-	10	2
Donaghadee	1012.8	-4	S	2	c	50	75	6	4000	StCu	6	ACu	8	2
Birr Castle	1009.1	*	S	4	o/pr.	51	85	7	4000	Nb	10	-	10	*
Holyhead	1013.7	-3	SSW	4	bc	50	75	6	-	-	0	ACu	4	1
Liverpool (Bidston)	1014.7	-2	SE'S	3	c/r	52	75	7	2500	Nb	4	ASt	8	*
Chester (Sealand)	1014.5	-2	S'E	2	c	55	55	6	4000	St	8	-	8	*
Harrogate	1016.2	-1	SE	3	c	47	55	7	2500	St	8	-	8	*
Spurn Head	1018.2	0	SE'S	4	bc+	42	75	7	-	-	0	Ci	4	3
Birmingham (Edgbaston)	1016.6	-1	SSE	2	b	53	35	8	-	-	0	-	0	*
Cranwell	1018.0	0	SE'E	4	b	46	65	8	-	-	0	-	0	*
Gorleston	1019.0	+1	NNE	2	b	46	55	7	-	-	0	ACu	2	0
Valentia (Cahirciveen)	1009.6	-1	SW'W	4	c/r	51	85	8	800	St	7	ASt	10	4
Roches Point	1011.6	-5	SW	4	cr	50	97	7	1500	Nb	9	-	9	4
Pembroke (St. Ann's H.)	1015.1	-1	SE	1	bc	49	85	7	-	-	0	ACu	3	1
Ross-on-Wye	1016.1	0	S'W	2	b	53	45	7	5700	StCu	1	-	1	*
Leafield	1016.5	+1	SSE	2	b-	52	35	8	5700	Cu	1	-	1	*
Winchester (Worthy Dn.)	1016.7	+1	S	4	bc	52	45	8	5700	StCu	4	-	4	*
S. Farnborough	1016.7	+1	SW	3	c+	53	45	7	4000	StCu	8	-	8	*
London (Kew Obsy.)	1017.4	+1	SE	2	b-	52	35	6	2500	Cu	2	-	2	*
Croydon	1017.2	+1	ESE	2	b-	52	45	7	4000	Cu	1	Ci	2	*
Shoeburyness	1019.1	+2	NE	4	b	43	75	8	-	-	0	-	0	*
Clacton-on-Sea	1018.9	+2	ENE	5	b	44	75	7	-	-	0	-	0	4
Felixstowe	1018.7	+1	ENE	3	b	43	65	8	-	-	0	-	0	1
Lympne	1018.1	+2	NE'N	3	b	45	65	8	-	-	0	-	0	*
Scilly (St. Mary's)	1016.2	-1	S'E	4	bc	51	75	7	4000	StCu	5	-	5	1
Falmouth (Pendennis)	1017.3	0	SE'S	3	b	50	75	7	4000	Cu	1	Ci	2	1
Plymouth (Cattewater)	1017.8	0	S	3	b	49	65	8	-	-	0	ACu	1	0
Portland Bill	1017.2	0	S	2	bc-	49	75	7	2500	StCu	3	-	3	1
Southampton (Calshot)	1017.9	+1	SW	3	b-	50	65	7	1200	StCu	1	-	1	0
Dungeness	1017.9	+3	ENE	4	b	44	85	8	-	-	0	-	0	4
Guernsey (Fort George)	1018.2	0	NE	1	b+	48	75	7	-	-	0	Ci	1	0

LONDON OBSERVATIONS.

Day: 7h.-18h., Kew & Croydon. 9h.-18h., Kensington. 3h.-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 13h. G.M.T. % (To-day.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bbc,y	bc,bz,y	bz,y,bc,y	56	36	26	-	-	10.0	*	*	6
Croydon	244	bbc,y	bc,by	bc,y	56	36	28	-	-	12.2	*	*	6
Greenwich (Royal Obsy.)	149	bbc,y	bc,by	bc,y	57	34	21	-	Tr	12.2	41	73	6
City (Bunhill Row)	20	*	*	*	*	*	*	*	*	8.2	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	57	39	-	-	-	9.1	36	73	*
Regent's Pk. (Botanic Gdns.)	168	*	*	*	*	*	*	*	*	9.6	*	*	*
Camden Square	110			*	58	38	-	-	-	*	*	83	*
Kensington Palace	80	bc	bc	*	56	39	28	-	-	*	(At 18h.) 43	79	*
Hampstead Observatory	450	*	*	*	54	37	30	-	-	10.1	*	93	*

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 3rd

South Kensington Max.	Time.	Min.	Time.
1.2	20h 3rd	0.3	4h. 4th

Kew Observatory Max.	Time.	Min.	Time.
0.3	22h 3rd	0.1	5h. 4th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 2nd 20h. 30m. to 3rd 3h. 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6.45	5.50	87
δ Ursae Minoris	6.45	5.38	83

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

4th TO 5th MAY, 1929.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.19	11.50	19.22
	4.17	11.50	19.24
Greenwich	4.29	11.57	19.25
	4.27	11.57	19.27
Wick	4.14	12.9	20.6
	4.12	12.9	20.8
Valentia	5.9	12.38	20.8
	5.7	12.38	20.10

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
ra sleet. t thunder.
u ugly, threatening skys
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ☽ = lunar halo.

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

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

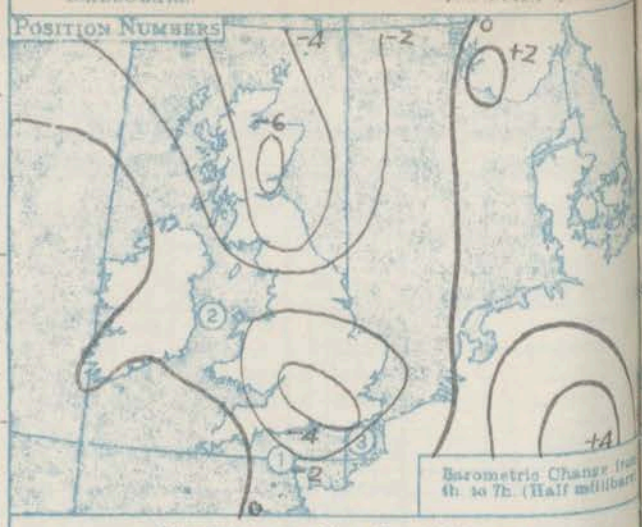
	Objects not visible at 65 yards.
0. Dense fog.	
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2¼ „
6. Moderate.	6¼ „
7. Good.	12¼ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amounts less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 3rd	Weather. 18h.-18h. 3rd	Weather. 18h. 3rd to 1h. 4th	Weather. 1h.-7h. 4th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass.	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 3rd Hours.
Lerwick	bcy	bcc	c	c	47	42	•	-	-	-	-	8.4
Stornoway	cpr c	c	c	r.d	52	42	•	tr	9.00	3	2.30	5.9
Wick	b-bc	b-bc	b-bc	b-bc	46	41	•	-	-	-	-	•
Tiree	b.bc	bc R r	pd	odrr	52	42	39	2	4.30	7	21.00	8.9
Nairn	bcjp pr	bc PR c	bcc	dc	51	39	•	2	11.00	0.1	5.30	2.6
Aberdeen	bcy	cbc	bcc	corr	48	40	37	-	-	2	5.30	7.4
Malin Head	bcy z z	bc cz z	cr r	cr	57	42	•	-	-	2	22.00	5.7
Renfrew	bcm cz	cbc cy	cyz	corr	55	41	38	tr	12.30	5	1.30	1.8
Edinburgh (Inchkeith)	cbc	b-bc	bccc	ocr	51	41	39	-	-	0.3	3.30	2.5
Leuchars	cbc	bc cR r	prbcc	corr r	48	38	34	1	15.30	6	21.00	5.0
Eskdalemuir	b bc bcy	bcy	bcycz	czprm	53	37	37	-	-	9	2.30	8.2
Tynemouth	bcb	bbc	bccc	ocr	47	39	37	-	-	1	4.30	•
Blacksod Point ...	c	R r	pbqc	qR	55	43	•	8	•	6	•	•
Donaghadee	bc	bc cm	cqrr	crbc	51	44	•	-	-	8	22.00	•
Birr Castle	cb bc	cbc p	crc	cbc	57	41	34	tr	17.30	4	21.00	5.7
Holyhead	bmm z	b bc z	bccz	rcr	54	44	43	-	-	3	24.00	10.9
Liverpool (Bidston) ...	z bcy	c cp r	pc	c	55	43	39	0.1	16.30	0.1	21.00	7.4
Chester (Sealand) ...	bym	bcyg cz	cpr z	cm	57	43	37	-	-	tr	21.00	8.7
Harrogate	cbc	bcc	crr	cqr	50	36	34	-	-	2	22.00	7.6
Spurn Head	bc	bc	bc	cpr	48	39	•	-	-	tr	6.30	11.1
Birmingham (Edgbaston)	m bc	b	bbc	bcor	56	40	38	-	-	1	6.30	11.0
Cranwell	b bc	bcyb	b,o	ocr	55	34	29	-	-	tr	5.30	11.3
Gorleston	bcb	by	b	bbccq	47	37	33	-	-	-	-	13.0
Valentia (Cahirciveen)	bccp	cirorr	c Pobc	cpbc	53	46	42	7	9.00	2	21.00	1.7
Roches Point	b bc c	c cir	cirodk	obc	54	44	•	1	16.30	5	21.00	•
Pembroke (St. Ann's H.)	b	bbc	bcr m	cr r m	50	46	•	-	-	1	21.00	11.3
Ross-on-Wye	bc b by	bybcybz	bybbc	cor	57	44	39	-	-	0.2	6.30	11.6
Leafield	bcby	bbcy	bbc	co	56	38	26	-	-	tr	6.30	10.8
Winchester (Worthy Dn.)	bby	bbcy	bcyb	bbcc	58	36	31	-	-	-	-	12.3
S. Farnborough ...	by z	bbcyz	b	bcm	59	37	27	-	-	-	-	11.2
London (Kew Obsy.) ...	bbcz y	bc bz y	bz ycbz	bczam	56	36	26	-	-	-	-	10.0
Croydon	bbcy	bcby	byz	bbcz	56	36	28	-	-	-	-	12.2
Shoeburyness	bc	bcb	bbc	c	53	35	27	-	-	-	-	10.6
Clacton-on-Sea ...	bc	bcb	b	bbcc	48	41	35	-	-	-	-	12.7
Felixstowe	bc	bcbr	bbc	bcc	48	37	32	-	-	-	-	13.2
Lympne	bcby	by	b	bbxcm	51	32	19	-	-	-	-	9.9
Scilly (St. Mary's) ...	b	bbc	bccr	crbcc	55	48	•	-	-	1	21.00	11.7
Falmouth (Pendennis)	bcbz	bz	bbccq	crbcc	55	47	•	-	-	1	24.00	11.7
Plymouth (Cattewater)	by	bbcy	b	bcrm	55	45	40	-	-	1	2.30	13.2
Portland Bill	b	bbc	bv	bcpz	55	45	•	-	-	tr	5.30	•
Southampton (Calshot)	by	bbcchgh	b	bbc, bn	57	42	36	-	-	-	-	10.1
Pungeness	cbc	bcb	b	bbcc	51	38	•	-	-	-	-	•
Guernsey	bcc	b	bw	bbcrdm	50	45	•	-	-	0.1	5.30	[illegible]

ISALLOBARS. 4th MAY 1929.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	3rd 10h	SCOTIA	ENE	1	bc/p	48	46
3	4th 1h	DIEPPE	SE	2	bc	46	44

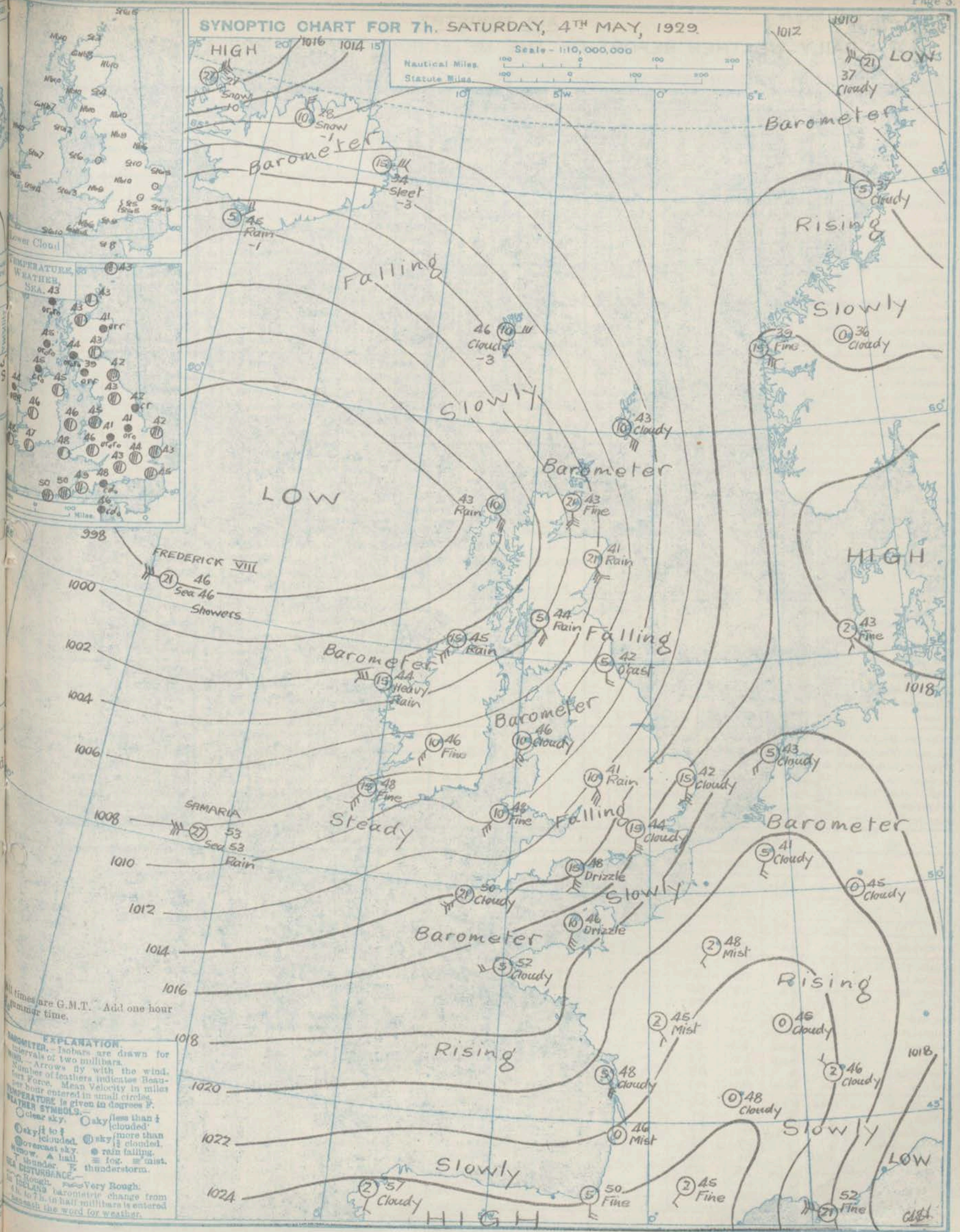
GENERAL INFERENCE.

A depression off Western Scotland is likely to move eastward together with small associated secondaries. Weather will be cloudy generally with a moderate temperature and some rain is to be expected in all districts.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 4th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Moderate southwesterly winds, fresh at times, becoming westerly temporarily, then backing again; cloudy at first, some rain later; moderate temperature.	Unsettled and milder with some rain in most districts
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Fresh westerly winds backing temporarily then veering again; cloudy with some rain to-day, brighter intervals and showers to-morrow; moderate temperature.	
10. N.E. England 11. S.E. Scotland	Moderate winds between south and west, fresh at times; cloudy, some rain; moderate temperature.	
12. S.W. Scotland & Isle of Man 13 A. W. Scotland 13 B. N.W. Scotland 14. Mid-Scotland	Fresh southwesterly to westerly winds; cloudy, with brighter intervals but some showers; moderate temperature.	
15. N.E. Scotland 16. Orkneys and Shetlands	Fresh southerly to southwesterly winds; dull, rainy to-day, cloudy with occasional rain to-morrow; moderate temperature.	WHP.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Fresh southwesterly winds, strong at times, becoming northwesterly; further rain to-day, brighter intervals and showers to-morrow; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 G.M.T. G. C. Simpson, F.R.S., Director.

† For code see page 7. † Trace = rain has fallen, but amount less than 0.1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Saturday, 4th May.....1929. No. 124

Stations.	Height above M.S.L., in feet.	Observations at 1h. G.M.T. 4th: Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 4th: Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-8
Lerwick	54	1011·7	-3	SE	3	c	43	65	8	1500	St.Cu.	4	A.St.	9	1009·1	-3	SE	3	c	43	75	7	1500	St.Cu.	5	A.St.	10	•
Stornoway	30	1005·6	-5	S	6	c	•	•	6	•	•	•	•	10	999·3	-3	SSE	3	0/10	43	92	6	2500	Nb.	10	-	10	2
Wick	81	1009·6	-4	SSE	4	bc	41	97	8	2500	Cu.	2	Ci.St.	4	1004·5	-5	S	5	bc	43	92	7	2500	St.	3	Ci.St.	5	4
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	999·5	-2	SW	3	0/10	45	97	7	4500	Nb.	10	-	10	1
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1001·5	•	SE	1	c+	43	85	7	2500	Cu.Nb.	8	-	8	•
Aberdeen	87	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·8	-5	SSE	5	0/r	41	92	6	800	Nb.	10	-	10	3
Malin Head	81	1003·4	-1	S	3	c/r	45	85	7	5700	Nb.	1	A.St.	8	1002·1	-1	SW	4	c/10	45	92	7	4000	Cu.Nb.	7	A.Cu.	8	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·8	-1	SSE	2	0/10	44	92	6	800	Nb.	10	-	10	•
Edinburgh (Inchkeith)	196	1009·4	-4	SE	3	0	44	75	8	1500	St.	10	-	10	1004·0	-5	SW	4	bc-	43	85	7	1500	St.	4	A.St.	7	1
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·7	-6	SSE	4	c/10	43	85	6	800	Nb.	9	-	9	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·3	-5	SE	4	0/r	39	92	6	800	Nb.	10	-	10	•
Tynemouth	67	1004·3	-2	S	2	0	40	65	7	1500	St.	10	-	10	1008·6	-4	S	2	0/r	42	85	7	1500	Nb.	10	-	10	2
Blacksod Point ...	43	1002·7	-2	W	4	c	48	75	6	•	Cu.Nb.	8	-	8	1002·8	0	W	4	0RR	44	85	7	•	Nb.	10	-	10	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·5	-1	SW	3	bc-	45	85	8	4000	St.Cu.	2	Ci.St.	4	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·6	•	SW	2	bc	46	85	8	4000	St.Cu.	7	-	7	•
Holyhead	38	1010·0	-4	SW	6	0r	46	85	5	800	Nb.	10	-	10	1007·6	-1	SSW	3	c/r	46	92	6	1500	St.	6	Ci.St.	9	2
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·8	-2	SSE	5	c	45	75	7	-	-	0	A.St.	9	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1009·7	-3	SE	4	c-	46	75	6	1500	St.	7	A.St.	9	•
Harrogate	476	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·3	-1	S	4	c	43	75	6	2500	Nb.	9	A.Cu.	10	•
Spurn Head	29	1015·6	-2	SW	5	bc	41	92	7	4000	St.Cu.	4	-	4	1013·1	0	SW	4	c+	42	92	7	4000	Nb.	6	A.St.	10	3
Birmingham (Edgbaston)	536	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·6	-3	SSE	3	0/10	41	92	5	1500	Nb.	10	-	10	•
Cranwell	236	1017·4	-2	SE	4	c+	36	85	7	-	-	0	A.St.	10	1014·7	-3	SSW	4	0/0	41	85	6	2500	St.	10	-	10	•
Gorleston	14	1019·2	0	SSW	2	0	37	85	7	-	-	0	-	0	1016·8	-2	SW	4	c	42	75	7	4000	St.Cu.	5	A.St.	9	1
Valentia (Cahirciveen) P	30	1011·3	0	SW	4	bc/PR	46	97	9	*	Cu.Nb.	7	-	7	1008·5	0	SW	4	bc	48	75	8	1500	St.Cu.	5	A.Cu.	6	3
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·4	0	SW	2	bc	47	92	8	2500	St.Cu.	4	-	4	4
Pembroke (St. Ann's H.)	160	1011·3	-3	SSW	5	0/10	47	97	6	800	St.	10	-	10	1009·6	-1	SW	3	bc-	48	97	6	1500	St.Cu.	3	Ci.	6	3
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·2	-3	SSW	3	c/r	46	85	6	2500	Nb.	9	Ci.St.	10	•
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·1	-4	SSE	4	0/10+	41	85	7	1500	Nb.	10	-	10	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1014·5	-3	SE	3	c	46	85	7	800	St.	10	-	10	•
S. Farnborough ...	257	•	•	•	•	•	•	•	•	•	•	•	•	•	1015·0	-4	S	4	c	43	92	6	1500	St.	10	-	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	39	•	•	•	•	•	•	•	1015·9	-3	S	4	c	44	85	6	-	-	0	A.St.	10	•
Croydon	244	1018·9	-1	SE	4	0	38	85	7	-	-	0	-	0	1015·9	-4	S	4	c+	43	85	6	4000	St.	7	A.St.	10	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1016·8	-3	S	4	0	45	85	7	1500	St.	10	-	10	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·4	-3	SSE	5	c	43	85	7	-	-	0	Ci.St.	8	4
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·4	-5	SE	4	c	44	75	8	-	-	0	A.St.	9	4
Lympne	350	1019·8	0	SE'E	3	0	35	92	8	-	-	0	-	0	1018·1	-2	SSE	3	c	42	92	6	-	-	0	A.St.	10	•
Scilly (St. Mary's) ...	163	1014·6	-1	WSW	4	c/10	44	97	7	4000	St.Cu.	8	-	8	1014·0	0	SWW	5	c	50	92	7	4000	St.Cu.	10	-	10	4
Falmouth (Pendennis)	200	1014·1	-2	SSW	4	c/10	49	85	7	4000	St.Cu.	7	A.Cu.	9	1013·4	+1	W	4	c-	50	92	7	4000	Cu.Nb.	4	A.Cu.	8	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1014·0	+2	W	2	bc	49	92	7	800	Nb.	6	Ci.St.	7	0
Portland Bill	32	1017·5	-1	SSE	3	0	47	75	9	-	-	0	-	0	1013·6	-2	SSE	4	c0/0	48	92	6	1500	St.	9	A.St.	10	4
Southampton (Calshot)	10	1018·1	-2	SSW	3	0r	44	85	7	-	-	0	Ci.St.	2	1015·5	-3	SWW	5	c	48	85	6	4000	St.Cu.	4	A.St.	10	0
Dungeness	30	1019·4	+3	SE	1	0	41	85	8	-	-	0	-	0	1018·0	-3	SSW	3	c+	45	85	7	2500	St.Cu.	9	-	9	3
Guernsey (Fort George) P	205	1018·4	-1	SE	2	0-	45	92	7	-	-	0	-	0	1017·8	-1	SSW	3	c0/0	46	97	6	800	St.	8	A.St.	10	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 3rd MAY 1929

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-24h. to 9h. 3rd	Temperature. Max. 9h.-17h. 3rd	Rainfall.† Night 17h.-9h. 2nd-3rd	Rainfall.† Day 9h.-17h. 3rd	Sunshine. Sunrise to 17h. 3rd	Sunshine. Sunrise to Sunset. 2nd
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			deg.	deg.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	bc	bc	40	45	-	-	8·6	7·6
Douglas (I. o. M.) ...	b	bzcbz	39	50	-	-	8·8	10·4
Llandudno ...	bc	bc	37	57	-	-	10·2	10·2
Colwyn Bay ...	bbc	cb	38	56	-	-	9·0	9·4
Rhyl	b	b	35	58	-	-	9·6	11·4
Wallasey	b	bcc0/0	39	56	-	Trace	8·4	5·6
Southport	bz	bzcz	*34	58	-	-	9·4	2·6
Blackpool	bcb	bbc	35	56	-	-	10·0	5·0
Ilkley	bc	bcc	35	52	-	-	5·5	1·0
Cleethorpes	b	b	40	48	-	-	9·8	5·0
Skegness	bc	bcb	40	47	-	-	11·4	7·3
Aberystwyth ...	zbc	bbc	38	55	-	-	10·5	7·3
Bath	b	b	33	57	-	-	11·2	9·5
Cheltenham ...	b	bby	32	57	-	-	11·2	11·6
Leamington Spa ...	b	b	34	55	-	-	11·3	8·2
Lowestoft	b	b	41	46	-	-	11·6	11·3
Harwich & Dovercourt	bcv	bcbv	38	48	-	-	11·4	9·4
Maldon	cbc	bcb	37	53	-	-	6·7	12·3
Gravesend ...	bc	bcb	38	52	-	-	9·2	13·1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Buda	bcb	b	35	56	-	-	10·9	4·7
Penzance	b	b	40	54	-	-	10·1	3·7
Paignton	by	byv	39	55	-	-	11·2	7·3
Torquay	by	bby	40	57	-	-	11·5	8·6
Jersey	rbc	bc	41	55	2	-	7·3	0·0
Weymouth	b	by	36	56	-	-	11·5	11·5
Bournemouth ...	b	b	34	60	-	-	11·0	10·2
Ventnor ...	bcbz	bz	38	55	-	-	9·7	12·6
Portsmouth (S'thsea)	b	bbc	38	58	-	-	9·0	12·9
Bognor	bbc	bc	39	55	-	-	10·9	11·8
Littlehampton ...	bc	bc	38	57	-	-	10·2	12·1
Worthing	b	b	39	57	-	-	10·5	11·9
Brighton	bc	b	40	57	-	-	8·5	10·5
Eastbourne	c	cbcb	42	52	-	-	7·8	10·9
Hastings‡	bcbbc	bcb	42	55	-	-	8·1	10·0
Folkestone	cbcb	b	42	52	-	-	7·1	10·7
Dover	ybcb	b	43	51	-	-	7·9	10·4
Tunbridge Wells ...	bc	bcb	36	55	-	-	4·6	12·1
Ramsgate	b	b	42	47	-	-	8·6	11·2
Margate	bv	b	42	46	-	-	8·7	12·0
Deal	obcb	b	43	51	-	-	8·0	8·1

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* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. † See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 9h.-21h., the minimum for the period 21h.-9h. ♦ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24636 Sunday 5TH May 1929.

Observations at 13h. G.M.T. 4TH

Stations. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1006.2	-3	SE	4	or$_o$	41	92	7	1500	Nb	10	-	10	•
Stornoway	997.3	-2	S	3	c/r	46	92	7	2500	Nb	9	-	9	•
Wick	1001.0	-5	S	6	c	45	97	7	1500	Cu Nb	5	A Cu	9	•
Tiree	999.4	0	SSW	5	bc	49	92	8	2500	St Cu	6	-	6	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1002.4	-3	S'E	3	bc-	47	85	6	1500	Nb	2	A Cu	7	1
Malin Head	1001.1	-1	SW	4	bc/p	50	85	8	4000	Cu Nb	4	A Cu	5	•
Renfrew	1002.7	-1	WSW	4	c	50	65	8	2500	Cu	9	-	9	1
Edinburgh (Inchkeith)	1002.4	-2	WSW	4	bc	48	75	8	4000	Cu	3	Ci Cu	5	•
Leuchars	1001.9	-2	SSW	4	bc/p	53	65	8	4000	Cu Nb	7	-	7	1
Eskdalemuir	1003.8	+1	SSW	6	ch(r)	48	75	8	2500	Cu Nb	9	-	9	2
Tynemouth	1005.3	-3	S	3	bc/r	52	66	7	1500	Cu	6	-	6	•
Blacksod Point 1000.8	[illegible]	-2	W	4	bc	52	75	8	•	Cu Nb	6	-	6	•
Donaghadee	1004.5	-2	SW	3	bc/p	53	75	8	4000	Cu Nb	6	-	6	•
Birr Castle	1003.9	•	WSW	3	or$_o$r$_o$	51	85	7	5700	Nb	10	-	10	•
Holyhead	1006.9	-2	S'W	5	bc	53	85	7	2500	Cu	1	Ci St	5	0
Liverpool (Bidston) ...	1007.4	-1	WSW	5	bc-	54	45	9	2500	Cu	6	Ci	7	•
Chester (Sealand) ...	1008.0	-1	SW'W	4	bc	59	45	8	2500	Cu	5	Ci	7	0
Harrogate	1007.4	-2	W	4	bc	52	65	7	4000	Cu	3	-	3	•
Spurn Head	1009.2	-2	SW'W	6	c	52	75	7	4000	Cu Nb	9	A Cu	10	•
Birmingham (Edgbaston)	1009.8	-5	SSW	4	bc	56	55	8	2500	Cu	5	Ci	6	1
Cranwell	1011.0	-3	SSW	4	cr$_o$r$_o$	50	85	7	800	St Cu	10	-	10	1
Gorleston	1013.9	-2	S	6	c	46	85	6	-	-	0	A St	10	•
Valentia (Cahirciveen)	1003.3	-7	S'E	4	cr$_o$	50	92	7	800	St	10	-	10	1
Roches Point	1007.9	-4	SW	3	cr$_o$	52	85	7	1500	Nb	9	-	9	•
Pembroke (St. Ann's H.)	1010.6	0	SW	3	bc$_o$	52	92	6	4000	~~Cu~~ Cu	~~6~~ 3	A Cu	6	•
Ross-on-Wye	1010.3	-1	SW	4	c	55	65	8	4000	Cu	9	-	9	5
Leafield	1011.6	-2	SW'S	4	or$_o$r$_o$	49	85	7	1500	Nb	10	-	10	1
Winchester (Worthy Dn.)	1013.2	-1	SSW	4	c	54	65	8	2500	St Cu	9	-	9	5
S. Farnborough ...	1012.9	-2	SSW	5	c+	57	55	7	1500	St Cu	9	-	9	1
London (Kew Obsy.) ...	1013.0	-2	SSW	5	c	57	65	8	2500	Cu	6	A Cu	9	0
Croydon	1013.5	-2	SSW	4	c-	55	65	7	1500	Cu	8	-	8	0
Shoeburyness	1014.0	-2	SSW	4	bc-	56	75	7	4000	Cu	6	-	6	•
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1014.4	-3	S'W	4	c	52	75	7	-	-	0	A St	9	0
Lympne	1016.1	-1	SSW	5	c/d	46	92	6	1500	St Cu	10	-	10	1
Scilly (St. Mary's) ...	1013.7	0	SW'W	5	c	53	92	7	4000	St Cu	10	-	10	•
Falmouth (Pendennis)	1013.1	0	W	4	c	54	75	8	4000	Cu Nb	6	A St	10	•
Plymouth (Cattewater)	1013.1	-1	SW	6	c⊕	52	85	6	1500	Nb	6	Ci St	10	0
Portland Bill	1013.4	-1	SSW	4	c	50	85	6	1500	St	9	A St	10	•
Southampton (Calshot)	1014.4	0	WSW	5	c-	53	85	6	1500	St Cu	10	-	10	0
Dungeness	1016.0	0	SSW	4	cr$_o$	48	85	7	2500	Nb	7	A St	10	•
Guernsey (Fort George) .	1016.8	0	SW'W	3	c$_o$	53	92	7	1500	St	8	-	8	•

Observations at 18h. G.M.T. 4TH

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1004.1	-5	SE	5	orr	42	92	7	1500	Nb	10	-	10	•
Stornoway	997.3	0	SSW	1	or$_o$r$_o$	44	92	7	2500	Nb	10	-	10	0
Wick	998.9	-3	S	2	bc	46	97	8	2500	Cu Nb	4	Ci Cu	6	4
Tiree	997.8	-2	SSW	4	bc	48	85	8	2500	St Cu	5	-	5	3
Nairn	998.5	•	SW	2	bc/r	50	75	8	1500	Cu Nb	7	-	7	•
Aberdeen	1000.9	-3	S'E	3	c	46	85	6	1500	Cu Nb	6	A St	9	1
Malin Head	998.6	-3	SE	1	bc/pr$_o$	49	75	8	4000	Cu Nb	7	-	7	1
Renfrew	1001.4	-2	S	2	cr$_o$r$_o$	45	97	6	2500	Nb	6	A St	10	•
Edinburgh (Inchkeith)	1001.4	-1	S	3	or$_o$r$_o$	45	85	8	1500	Nb	10	-	10	1
Leuchars	1000.8	-1	SSW	3	cr	46	85	7	1500	Cu Nb	10	-	10	•
Eskdalemuir	1001.7	-4	SSW	5	oRR	43	85	6	1500	Nb	10	-	10	•
Tynemouth	1003.3	-3	SW	3	bc+	54	45	7	1500	Cu	7	-	7	2
Blacksod Point	997.9	-3	SW	4	bc	51	75	8	•	Cu Nb	6	-	6	4
Donaghadee	1001.9	-3	SW	1	crr	46	92	7	2500	Nb	9	-	9	1
Birr Castle	999.7	•	NW	1	orr	47	97	6	5700	Nb	10	-	10	•
Holyhead	1003.2	-6	S	5	or$_o$r$_o$	47	97	5	800	Nb	10	-	10	4
Liverpool (Bidston) ...	1004.8	-3	SW'W	3	o	49	65	9	4000	Nb	10	-	10	•
Chester (Sealand) ...	1005.5	-3	SW'S	5	cr$_o$	51	65	8	2500	St	8	A St	10	•
Harrogate	1005.0	-3	SW	3	c	53	55	8	5700	Nb	9	A St	10	•
Spurn Head	1006.2	-2	SW'W	4	c	53	85	7	5700	St Cu	5	Ci St	9	4
Birmingham (Edgbaston)	1007.9	-1	SSW	4	cr$_o$	52	55	8	1500	Nb	3	A St	10	•
Cranwell	1008.5	-2	SW'S	5	c+	53	75	8	2500	St Cu	4	A St	10	•
Gorleston	1010.7	-2	S	4	c	53	65	6	-	-	0	A St	10	4
Valentia (Cahirciveen)	1001.2	-1	W'S	1	c/r	49	92	8	800	St	10	-	10	4
Roches Point	1002.9	-4	W	3	cr$_o$	51	97	7	1500	Nb	9	-	9	4
Pembroke (St. Ann's H.)	1005.0	-5	SW	6	orr	49	97	5	800	St	10	-	10	4
Ross-on-Wye	1008.4	-2	SW'W	5	c/p	52	85	8	2500	Nb	4	A St	10	•
Leafield	1009.8	-1	SW'S	2	c	51	85	8	4000	Cu	3	A St	10	•
Winchester (Worthy Dn.)	1012.2	-1	SSW	4	cr	50	85	7	1500	Nb	7	A St	10	•
S. Farnborough ...	1011.9	-2	SW'S	5	cr$_o$	52	75	7	1500	Nb	9	Ci St	10	•
London (Kew Obsy.) ...	1011.7	-2	SW'S	5	c	54	75	7	1500	St Cu	8	A St	10	•
Croydon	1012.3	-2	SSW	5	c+	52	85	7	800	St	9	A St	10	•
Shoeburyness	1012.5	0	SSW	4	c	53	97	8	-	-	0	A St	8	•
Clacton-on-Sea ...	1012.6	-1	SSW	5	c	52	75	7	4000	Cu	2	A St	8	3
Felixstowe	1012.4	-1	SSW	5	c	52	75	8	4000	St Cu	2	Ci St	9	6
Lympne	1014.6	-2	SW'S	5	c	48	92	6	800	St	1	A St	10	•
Scilly (St. Mary's) ...	1010.9	-4	SW	6	orr	50	97	6	2500	Nb	10	-	10	5
Falmouth (Pendennis)	1009.9	-3	SW'S	5	orr+	50	97	6	4000	Nb	10	-	10	1
Plymouth (Cattewater)	1011.3	-3	SW	5	or$_o$r$_o$	49	97	6	220	Nb	10	-	10	2
Portland Bill	1013.2	-1	SW	4	or-	49	92	6	1500	Nb	10	-	10	4
Southampton (Calshot)	1013.3	-1	W	5	cr$_o$r$_o$	50	92	6	800	Nb	8	A St	10	3
Dungeness	1014.5	-1	SW	4	c	48	92	7	2500	St Cu	8	-	8	5
Guernsey (Fort George) .	1015.5	-3	SW	4	c	51	92	7	2500	St Cu	4	Ci St	8	4

London Observations.

Day: 7h-18h., Kew & Croydon. 9h-18h., Kensington. 3h-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 HOURS ENDED 9h.			YESTERDAY.						TO-DAY.		
Kew	18	Cz$_o$	c	cir$_o$	59	49	48	Tr	3	0.9	*	*	6
Croydon	244	cd$_o$2$_o$	c	omcr$_o$r$_o$	57	49	47	Tr	3	1.7	*	*	6
Greenwich (Royal Obsy.) ..	149	c	c	cd$_o$cr	62	49	46	-	3	1.3	61	90	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.9	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	59	49	-	4		0.9	63	90	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0.6	*	*	*
Camden Square..	110			*	60	49	-	5		*	*	99	*
Kensington Palace	80	c	c0	*	60	49	47	-	5	*	(At 18h) 76	96	*
Hampstead Observatory ..	450	*	*	*						*	*		*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 5TH

South Kensington	Max.	Time	Min.	Time.
	1.0	8h on 4th	0.3	22h. on 4th to 7h. 5th

Kew Observatory	Max.	Time.	Min.	Time.
	0.7	21h. 4th	0.1	0.6h. on 5th

Pole Star Record at Greenwich Obsy.

Exposure from 4TH ....h....m. to 5TH ....h....m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris			
δ Ursae Minoris			

Code for State of Ground.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

5TH 6TH May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.17 / 4.15	11.50 / 11.50	19.24 / 19.26
Greenwich	4.27 / 4.25	11.57 / 11.57	19.27 / 19.29
Wick	4.12 / 4.9	12.9 / 12.9	20.8 / 20.10
Valentia	5.7 / 5.5	12.38 / 12.38	20.10 / 20.11

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r$_o$ = slight rain. rr = continuous rain.

Symbols.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.

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.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ Telegraphic Code for Surface Visibility.

	Objects not visible at 55 yards.
0. Dense fog.	220 "
1. Thick fog.	550 "
2. Fog.	1,100 "
3. Moderate fog.	2½ miles.
4. Mist or haze.	5½ "
5. Poor visibility.	11 "
6. Moderate.	22 "
7. Good.	55 "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

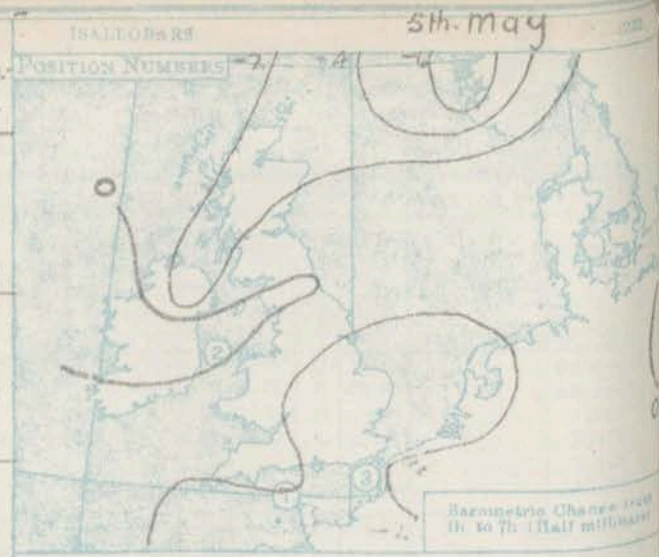
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for those columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370. Page 2

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 4th	18h.-18h. 4th	18h. 4th to 18h. 5th	18h.-7h. 5th	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min on Grass	Rainfall.† Day 7h.-18h. mm.	began.	Night 18h.-7h. mm.	began.	Sun 4th. Hours.
Lerwick	c o i r	c o i r tr	o r r c	c o r r i r	44	41	•	3	11·00	8	21·00	0·0
Stornoway	o d d c	r - d	o p r o	o p r o c	48	35	•	1	18·00	1	21·00	0·1
Wick	c r r c	c p r	c r r b c	c	47	43	•	2	18·00	1	22·00	•
Tiree	p r c b c	p r b c	c p	r R r n d	51	42	40	3	18·00	7	02·30	6·7
Nairn	c p r b c	b c p r	b c p	b c	54	37	•	0·4	18·00	0·1	21·00	2·7
Aberdeen	o r r i r c z	b c z c p r	c p r r r	r c	51	42	41	2	18·00	1	21·00	2·0
Kalin Head	c i r b c p r	b c p r r	b c p r b c	b c i r	52	43	•	1	18·00	1	21·00	7·7
Renfrew	o r c	c p o r r	c i r c	c	55	41	35	3	18·00	Tr	21·00	4·3
Edinburgh (Inchkeith)	b c i r	b c c r i R	o r r r	o r r r c	53	41	41	4	11·00	8	21·00	4·5
Leuchars	c i r	p r h H R c	c r c r r	c r r c	56	40	34	3	18·00	4	21·00	4·0
Eskdalemuir	c p R H	c p r h o R m	o r r i R m o	c	50	39	38	15	18·00	12	21·00	3·5
Tynemouth	o i r	b c q	c o i r q	o i r	55	46	43	0·1	11·00	0·1	21·00	•
Blackrod Point	P H b c	p q b c	P q c	p b c	54	45	•	3	•	1	•	•
Donaghadee	b c p r	c p H R r	r r c	p r b c	55	39	•	12	11·00	2	21·00	•
Birr Castle	c i r	o r r	c b R c	c p	55	38	30	7	9·00	0·4	21·00	4·1
Holyhead	c b c q	b c r r q	r r m c	r r c	54	46	45	1	15·30	3	21·00	5·8
Liverpool (Bidston)	o d r b y	b c c o v	o p r r	o r r d	57	45	46	2	9·00	7	21·00	4·5
Chester (Sealand)	c p r b c	b c c v r	r r r	c o r r	60	47	46	Tr	9·00	5	21·00	5·3
Harrogate	c P c b c	b c c	c i r	c i r	56	45	43	0·6	9·00	4	21·00	4·0
Spurn Head	c p r	c	c o r c o r	o r c	56	41	•	0·2	18·00	1	21·00	3·4
Birmingham (Edgbaston)	r c p r	b c c	c i r o r r	o r r	58	47	45	0·1	18·00	4	21·00	4·2
Cranwell	o c r	c r c	c r	c r r	59	48	46	0·4	18·00	2	21·00	2·9
Gorleston	c q	c q	c r o q	o q r r	56	47	46	-	-	0·5	22·00	0·0
Valentia (Cahirciveen)	c p c i r	c i r d R c	c p c	c p b c	54	45	40	7	9·00	0·4	21·00	0·8
Roches Point	b c i r	c i r	c i r c	c b c	54	45	•	2	11·00	2	21·00	•
Pembroke (St. Ann's H.)	b c m	b c c r m	o r r m	o r r m	53	46	•	2	14·30	15	21·00	5·6
Ross-on-Wye	c c p b c c	c	c p o r r	r r c r	57	48	47	Tr	11·00	9	21·00	2·0
Leafield	c r	o r r c	c r o r r	o r r	52	46	46	4	18·00	12	21·00	0·6
Winchester (Worthy Dn.)	c o r m c	c r c r	c o r r	o r r m q	57	48	47	0·3	18·00	7	21·00	0·5
S. Farnborough	c o d c d c	y c	c r o r o	o r r q d	59	48	47	0·1	9·00	4	21·00	1·5
London (Kew Obsy.)	c z	c	c i r	c i r	59	49	48	Tr	11·00	3	22·00	0·9
Croydon	c d z	c	o m o r r	o m o r d	57	49	47	Tr	11·00	3	21·00	1·7
Shoeburyness	o p c	c b c	c p r o	o i r	59	48	47	Tr	9·00	0·6	21·00	3·7
Clacton-on-Sea	c z	c z c	c	c o q p d	54	48	46	-	-	1	01·30	1·9
Felixstowe	c c r c	c b c c	c c r	c o r	56	47	46	Tr	11·00	0·6	24·00	2·0
Lympne	c m c d d	c m	c m o r	o r o r r m	51	46	46	Tr	12·30	1	24·00	0·7
Scilly (St. Mary's)	c b c c	c o r r	o r r m	o m r r	54	49	•	3	18·00	9	21·00	2·2
Falmouth (Pendennis)	c p	c o r m q	o r m q	o R r m q	55	49	•	3	11·00	15	21·00	2·8
Plymouth (Cattewater)	b c m q r	c o q r r m	o q m r r	o m r r q	53	49	49	H	15·30	13	21·00	1·8
Portland Bill	c z	c o r r z	o r r o r z	o r r	51	48	•	1	16·30	8	21·00	•
Southampton (Calshot)	c i r c m	c d	c r c i r	c o r r m	57	49	47	0·3	18·00	5	21·00	0·9
Dungeness	c	c r c	c d c c	c r o r r	52	46	•	Tr	11·00	1	12·00	•
Guernsey	c m	c	c q m	c o r r q m	54	49	•	-	-	4	01·24	[illegible]

5th. May



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind. Direc.	Wind. Force	Weather.	Temp. Air	Temp. Sea	[illegible]
2	4th 10h	Cambria	SW	4	c+	49	47	8
1	12h	St Helier	WSW	4	b-	52	49	6
3	5th 1h	Brighton	SSW	4	b-	50	45	7

GENERAL INFERENCE.

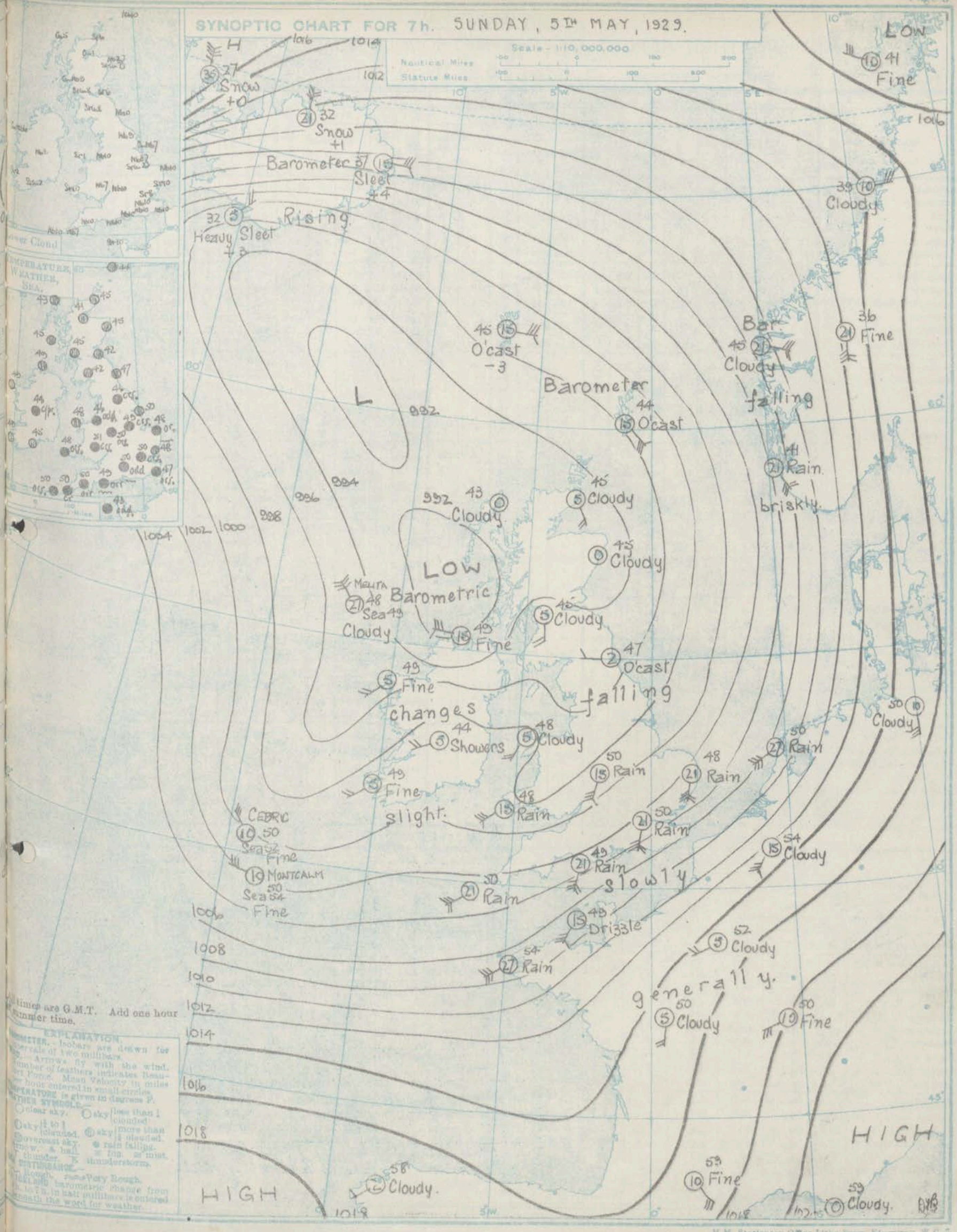
A depression remains centred between Scotland and Iceland and secondaries are crossing the British Isles. Winds will be mainly between south and west, strong at times and weather clou with occasional rain but bright periods.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday 5th May 1929	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Winds between south and west, fresh to strong moderating temporarily, cloudy, intermittent rain, then brighter periods, further rain or showers tomorrow, mild.	Unsettled.
4. W. Midlands 5. S.W. England ▼ 6. South Wales ▼	Winds between south and west, strong at times, rainy and bright periods, mild.	
7. North Wales ▼ 8. N.W. England ▼ 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Winds between south and west, strong at times, some rain or showers, brighter periods, mild or moderate temperature.	▼South Cone hoisted at 14h.25m. yesterday in Districts 5,6,7, 8,12, 13,17,18, 19 and 20.
12. S.W. Scotland & Isle of Man ▼ 13 A. W. Scotland ▼ 13 B. N.W. Scotland	Winds between southwest and northwest, varying in force from light to strong, some rain or showers, brighter periods, mild to moderate temperature.	
14. Mid-Scotland	As 7 - 11.	
15. N.E. Scotland 16. Orkneys and Shetlands	Wind southerly, strong at times, cloudy, some rain, mild or moderate temperature.	
17. N.W. Ireland ▼ 18. N.E. Ireland ▼	As 12 - 13B.	
19. S.E. Ireland ▼ 20. S.W. Ireland ▼	As 4 - 6.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1120 G.M.T. G. C. Simpson, F.R.S., Director.

‡ For rain see chart.

† Trace = rain has fallen, but amount less [illegible]



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

EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of two millibars.

WIND.—Arrows fly with the wind. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.—
○ clear sky. ◐ sky less than ½ clouded. ◑ sky ½ to ¾ clouded. ◑ sky more than ¾ clouded. ● overcast sky. ● rain falling. ✱ snow. ✱ hail. ≡ fog. ≈ mist. ⚡ thunder. ⚡ thunderstorms.

SEA DISTURBANCE.—Smooth. Rough. Very Rough.

BAROMETRIC TENDENCY.—Barometric change from 7h. to 7h. in last millibars is entered beneath the word for weather.

H.M. Stationery Office Litho. Press, Kingsway, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Sunday., 5th. May.....1929. No. 125.

Observations at 1h. G.M.T. 5th.

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	999.2	-1	SE	5	c	43	92	7	1500	StCu	5	ASt	10
Stornoway	30	997.6	-2	SW	1	c	*	*	6	*	*	*	*	10
Wick	81	996.4	-2	S	2	bc/r	43	97	8	1500	CuNb	3	-	3
Tiree	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	993.9	-3	S	5	bc+	45	85	8	5700	StCu	5	-	5
Renfrew	56	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	996.5	-5	NE	2	or,r.	43	97	8	800	Nb	10	-	10
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	997.2	-5	SSW	3	ojp	47	85	7	1500	Nb	10	-	10
Blacksod Point ...	18	995.1	-2	SW	4	c	50	85	6	*	CuNb	8	-	8
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	28	999.5	-1	SW	2	or,	47	97	7	1500	Nb	10	-	10
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1001.3	-3	SW'S	6	orr	48	97	7	4000	Nb	10	-	10
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1003.4	-5	SSW	5	cr,r,	49	92	6	1500	Nb	8	ASt	10
Gorleston	14	1008.0	-4	SSW	5	o	49	92	7	2500	Nb	10	-	10
Valentia (Cahirciveen) ‖	30	1003.0	-1	W	2	b-	48	92	8	-	-	0	HCu	1
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	999.9	-3	SW	4	orr	49	65	6	1500	St	10	-	10
Ross-on-Wye	225	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Wortly Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	50	*	*	*	*	*	*	*
Croydon	244	1009.0	-3	SW'S	4	c/r	49	85	7	800	Nb	8	ASt	10
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1010.7	-4	S	5	or,	47	97	6	1500	St	10	-	10
Scilly (St. Mary's) ...	163	1009.2	-6	SW'W	7	orr	51	97	6	2500	Nb	10	-	10
Falmouth (Pendennis)	200	1003.6	-5	SW	7	oRR	50	97	6	2500	Nb	10	-	10
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1005.7	-6	S	5	orr	49	92	6	1500	Nb	10	-	10
Southampton (Calshot)	10	1008.6	-5	SW	7	c/p	50	85	7	800	Nb	10	-	10
Dungeness	20	1011.0	-5	SSW	4	ojp	48	92	7	2500	Nb	10	-	10
Guernsey (Fort George) ‖	206	1010.8	-4	SSW	4	c+	50	85	7	4000	StCu	10	-	10

Observations at 7h. G.M.T. 5th.

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-6
Lerwick	996.3	-3	SE	4	o/r	44	92	7	1500	Nb	10	-	10	*
Stornoway	993.3	-1	-	0	c	43	92	8	4000	Cu	5	Ci	8	0
Wick	993.7	-3	SSE	2	c	45	92	8	1500	StCu	2	CuSt	8	3
Tiree	990.9	-1	SSE	5	ojp	45	97	8	1500	CuNb	9	-	9	4
Nairn	993.2	*	-	0	bc-	41	85	8	2500	Cu	1	ACu	4	*
Aberdeen	993.2	-2	-	0	c	45	92	7	1500	StCu	9	-	9	1
Malin Head	991.9	0	W'N	4	bojp	49	85	8	4000	CuNb	5	ACu	6	1
Renfrew	994.7	-2	S	2	c	45	92	8	1500	StCu	8	ASt	10	*
Edinburgh (Inchkeith)	994.0	-2	SW	1	c	42	97	7	800	St	6	ACu	9	0
Leuchars	994.0	-1	W	2	c+	45	85	7	4000	StCu	8	ACu	9	*
Eskdalemuir	994.6	0	SW	4	c	42	85	8	1500	StCu	8	-	8	
Tynemouth	995.5	0	W	1	ojp	47	85	6	1500	Nb	10	-	10	0
Blacksod Point ...	995.6	+1	SW	2	bc	49	75	8	*	CuNb	6	-	6	3
Donaghadee	995.6	-2	WSW	2	bc-	44	92	8	4000	StCu	5	ACu	6	2
Birr Castle	995.6	*	WSW	2	c/pr.	44	97	6	4000	Nb	9	-	9	*
Holyhead	998.1	0	SW	2	c	48	97	7	800	St	1	ASt	9	2
Liverpool (Bidston) ...	996.8	0	NW'N	2	odd	46	97	6	1500	Nb	10	-	10	*
Chester (Sealand) ...	996.7	-1	NW	3	or,	47	92	6	800	Nb	10	-	10	
Harrogate	996.7	-1	SW	1	cr,r,	46	97	6	4000	Nb	9	ASt	10	*
Spurn Head	997.8	-2	SW	6	c	50	97	7	4000	CuNb	7	ASt	10	2
Birmingham (Edgbaston)	999.5	-2	SSW	4	cr,r,	50	92	8	800	Nb	9	-	9	*
Cranwell	999.4	-2	SSW	4	cr,r,	49	97	7	800	Nb	10	-	10	
Gorleston	1002.5	-5	S'W	5	or,	48	92	6	2500	Nb	10	-	10	4
Valentia (Cahirciveen) ‖	998.5	-1	SW'W	2	bc	49	85	8	1500	St	2	CiCu	3	2
Roches Point	999.6	0	W	3	bc	45	97	8	1500	StCu	2	Ci	6	.01
Pembroke (St. Ann's H.)	998.2	-1	SW	4	or,r,	48	97	6	800	St	10	-	10	3
Ross-on-Wye	999.3	-1	SW	4	cr,r,	51	92	7	2500	Nb	7	ASt	10	*
Leafield	1000.1	-3	SSW	5	orr	49	97	8	800	Nb	10	-	10	
Winchester (Wortly Dn.)	1003.4	-2	SSW	5	orr	49	97	6	450	Nb	10	-	10	*
S. Farnborough ...	1003.4	-3	SW'S	5	odd	50	92	6	450	Nb	10	-	10	*
London (Kew Obsy.) ...	1003.4	-3	SSW	5	orr	50	92	7	800	St	8	ASt	10	*
Croydon	1004.3	-4	SW'S	5	or,r,	50	92	5	450	Nb	10	-	10	4
Shoeburyness	1004.7	-4	S	5	or,	50	92	7	800	Nb	10	-	10	*
Clacton-on-Sea ...	1005.0	-4	SSE	5	o	48	92	7	4000	St	10	-	10	4
Felixstowe	1005.0	-4	SSW	6	or,r,	48	97	7	800	Nb	10	-	10	6
Lympne	1006.6	-3	S	5	or-	46	97	5	1500	Nb	10	-	10	*
Scilly (St. Mary's) ...	1002.8	-2	SW'W	5	or,r,	50	97	6	2500	Nb	10	-	10	5
Falmouth (Pendennis)	1001.7	-2	SW'W	4	cr	50	97	6	2500	Nb	7	ASt	10	2
Plymouth (Cattewater)	1002.2	-1	WSW	5	orr	50	97	6	220	Nb	10	-	10	2
Portland Bill	1003.5	-1	SSW	5	orr	49	97	6	1500	Nb	10	-	10	6
Southampton (Calshot)	1004.1	-3	SW'W	7	orr	50	92	6	220	Nb	10	-	10	6
Dungeness	1007.1	-3	SSW	4	or,r	47	92	7	1500	Nb	10	-	10	4
Guernsey (Fort George) ‖	1006.3	-3	SSW	4	od,d	49	97	4	450	St	10	-	10	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 4th. May

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 3rd to 9h. 4th	Temperature. Max. 9h. -17h. 4th	Rainfall.† Night 17h.-9h. 3rd-4th	Rainfall.† Day 9h.-17h. 4th	Sunshine. Sunrise to 17h. 4th	Sunshine. Sunrise to Sunset. 3rd.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F	°F	mm.	mm.	hr.	hr.
Berwick-on-Tweed	c	c	32	55	Trace	-	5.9	9.3
Douglas (I. o. M.) ...	bc	cr,qr	43	52	4	0.5	5.8	8.8
Llandudno ...	bc	bcc	42	56	5	Trace	5.5	10.8
Colwyn Bay ...	b	bbcc	42	58	8	-	6.1	9.6
Rhyl	bc	c	43	56	5	-	5.3	10.9
Wallasey	Rcbc	bcR	43	59	0.3	2	4.8	8.4
Southport	trc	cbcor	*44	58	4	2	5.2	9.6
Blackpool	orc	co	44	56	4	1	5.1	9.7
Ilkley	cpo	bc	37	58	2	-	3.9	6.9
Cleethorpes	o	ob	34	60	-	-	4.7	11.0
Skegness	bbco	oprbc	39	57	Trace	Trace	3.6	12.5
Aberystwyth ...	prbc	bccr	43	53	1	0.3	5.9	11.9
Bath	cp	cp	44	57	1	2	1.7	12.7
Cheltenham ...	cbco	cbop,	43	56	Trace	Trace	2.4	11.8
Leamington Spa ...	orc	bc	42	56	0.3	-	0.8	12.7
Lowestoft	c	cbcc	36	51	-	-	1.3	13.4
Harwich & Dovercourt	xocbc	bcc	37	56	-	-	2.1	13.1
Maldon	c	c	28	59	-	-	1.0	8.4
Southend	ocr,	oc	38	58	-	Trace	2.8	10.8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	rcbc	bccr	44	53	0.4	?	2.1	12.2
Penzance	cbc	cor	47	58	1	3	1.4	11.3
Paignton	dpcor	bp,or	43	57	0.3	3	3.2	12.7
Torquay	cqbcp	bcorq	47	57	Trace	2	3.4	12.9
Jersey	pcbc	bcc	43	54	0.5	-	5.2	8.3
Weymouth	p,cbc	ccr,	45	56	0.1	0.4	0.8	13.4
Bournemouth ...	oobc	a	43	55	0.3	1	1.0	12.1
Ventnor ...	opcz	cor	41	53	Trace	Trace	1.6	11.0
Portsmouth (S'thsea)	obc	bco	44	56	-	-	1.6	10.5
Bognor	cbc	bcc	45	51	-	-	2.0	11.8
Littlehampton ...	c	bcc	43	52	-	-	1.7	11.0
Worthing	c	bcc	42	55	-	-	2.7	10.9
Brighton	ocbc	bcbbc	41	52	-	-	3.1	9.8
Eastbourne	or,o	ocbco	42	54	-	Trace	2.2	9.2
Hastings‖	cbcco	obbcc	39	52	-	-	1.7	9.5
Folkestone	cm,	or,cm	35	53	-	Trace	1.9	8.9
Dover	oco	obco	34	50	-	-	2.2	9.6
Tunbridge Wells ...	o	coc	35	54	-	-	0.9	5.6
Ramsgate	cbc	bcc	39	53	-	-	1.5	9.9
Margate	c	bc	37	55	-	-	2.5	10.5
Deal	oc	bco	34	55	-	-	2.3	9.8

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ‖ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station ‡ For code see page 1. †: See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ✤ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24637 Monday 6th May 1929. Page 1.

Observations at 15h. G.M.T. 5th

Stations (For heights see p. 4)	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	991.9	-6	E	4	orr	44	85	7	1500	Nb	10	–	10	·
Stornoway	993.3	0	NE	1	crr	46	75	7	4000	Nb	9	–	9	·
Wick	992.2	-1	SSE	2	c	48	85	8	1500	StCu	8	A.St	9	·
Tiree	992.9	+2	NNE	4	bc	48	92	9	2500	Cu	3	–	3	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	992.5	-1	SSE	3	c	49	75	7	2500	Cu	7	A.St	8	1
Malin Head	994.9	+3	NW'W	5	bc	50	85	8	4000	Cu	3	A.Cu	3	·
Renfrew	993.0	-2	SW	4	c	55	75	8	2500	Cu	8	–	8	1
Edinburgh (Inchkeith)	992.6	-1	NNE	2	cll	47	92	7	800	St	9	–	9	·
Leuchars	993.5	0	NNW	1	cr₀	46	92	7	2500	CuNb	10	–	10	1
Eskdalemuir	994.1	-1	SSW	6	crr	45	92	7	1500	Nb	10	–	10	2
Tynemouth	994.5	-1	SW	3	bc/r	55	55	7	1500	Cu	7	–	7	·
Blacksod Point	997.8	+2	W	3	bc	52	75	8	*	CuNb	6	–	6	·
Donaghadee	995.5	+2	W	2	cpr₀	52	65	8	4000	Nb	8	–	8	·
Birr Castle	997.0	*	NW	2	bc-	55	65	8	4000	St.Cu.	7	–	7	·
Holyhead	998.4	+1	SW'S	4	c⊕	51	85	8	2500	St	3	A.St	8	1
Liverpool (Bidston)	997.6	0	W	3	c	51	65	9	2500	StCu	5	A.St	9	·
Chester (Sealand)	997.5	+1	WSW	3	c	54	65	8	4000	StCu	5	A.St	9	1
Harrogate	996.7	0	SW	5	bc-	55	55	8	4000	Cu	2	A.St	4	·
Spurn Head	997.3	0	NW'N	3	c/r	48	97	7	4000	CuNb	7	A.St	10	·
Birmingham (Edgbaston)	999.5	0	SW	2	or-	50	92	7	1500	Nb	10	–	10	1
Cranwell	998.7	0	W'N	4	crr	54	75	7	800	StCu	10	–	10	1
Gorleston	1001.4	-2	SSW	6	or₀r₀	51	92	6	2500	Nb	10	–	10	·
Valentia (Cahirciveen)	998.5	0	NW	3	bc	53	75	8	2500	Cu	3	–	3	1
Roches Point	998.8	0	W	3	bc	54	85	9	2500	Cu	5	–	5	·
Pembroke (St. Ann's H.)	998.5	0	WSW	1	c/r	49	97	7	1500	Cu	3	A.St	10	·
Ross-on-Wye	999.0	0	WSW	3	cr-	51	92	7	2500	Nb	9	A.St	10	1
Leafield	999.9	0	SSW	5	c/r	52	95	8	2500	St.Cu.	10	-	10	1
Winchester (Worthy Dn.)	1002.2	-2	S'W	4	or	51	97	6	450	Nb	10	–	10	2
S. Farnborough	1002.3	-1	SW'S	4	or₀r₀	53	92	6	450	Nb	10	–	10	2
London (Kew Obsy.)	1001.2	-2	S'W	5	crr	53	97	5	800	St	8	A.St	10	1
Croydon	1003.2	-1	SW'S	4	or₀	53	92	7	<150	Nb	10	–	10	2
Shoeburyness	1003.4	-1	SSW	5	cr₀r₀	53	92	7	800	CuNb	10	–	10	·
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1003.3	-2	SSW	5	or₀r₀	51	92	7	800	Nb	10	–	10	1
Lympne	1004.8	-1	S'W	6	orr	49	97	3	<150	St	10	–	10	2
Scilly (St. Mary's)	1001.1	0	WSW	2	cr₀	51	97	6	2500	Nb	8	–	8	·
Falmouth (Pendennis)	999.4	-1	SW'W	3	crr	50	97	6	1500	Nb	8	A.St	10	·
Plymouth (Cattewater)	1000.3	-2	SW	6	or₀r₀	51	97	6	220	Nb	10	–	10	2
Portland Bill	1001.4	-2	S	4	or-	49	97	6	1500	St	10	–	10	*
Southampton (Calshot)	1001.7	-1	WSW	6	orr	51	92	6	220	Nb	10	–	10	2
Dungeness	1005.1	-2	SSW	4	orr	49	97	6	~~450~~ 1500	Nb	10	–	10	·
Guernsey (Fort George)	1004.3	-2	SSW	4	orr	50	97	6	450	Nb	10	–	10	·

Observations at 18h. G.M.T. 5th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	990.0	-2	SE	1	od₀	45	92	7	1500	Nb.	10	-	10	·
Stornoway	993.8	+1	–	0	bc-	48	75	9	4000	Cu.	4	-	4	0
Wick	992.2	0	WNW	1	c	49	65	8	2500	CuNb	6	A.Cu	8	1
Tiree	995.0	+2	NNW	3	bc	47	85	9	2500	Cu.	3	-	3	1
Nairn	993.0	·	W	2	c	49	80	8	2500	CuNb	8	-	8	·
Aberdeen	993.4	+2	SSW	1	c/r	48	55	6	2500	CuNb	9	-	9	0
Malin Head	997.2	+2	NWW	4	c+	48	85	8	4000	Cu.	7	A.Cu.	8	1
Renfrew	994.7	+3	W	4	bc-	53	75	8	2500	Cu.	7	-	7	·
Edinburgh (Inchkeith)	993.3	+1	NNE	1	cr₀	44	97	8	800	Nb.	10	-	10	0
Leuchars	993.4	0	SW	3	bc/r	50	75	7	-	-	0	A.Cu.	7	·
Eskdalemuir	995.1	+2	WSW	4	c/pr₀	47	85	8	2500	St.Cu.	9	-	9	·
Tynemouth	995.2	+1	WSW	3	bc	54	55	6	1500	Cu.	6	-	6	0
Blacksod Point	998.7	+1	NW	3	bc	51	75	8	·	Cu.	4	-	4	2
Donaghadee	997.2	+2	N	2	bc-	54	55	8	4000	CuNb	3	-	3	2
Birr Castle	996.9	·	NNW	2	bc	55	65	8	4000	Cu.	5	-	5	·
Holyhead	998.6	0	SW'S	3	b	51	85	8	4000	Cu.	1	Ci.	1	1
Liverpool (Bidston)	997.4	0	WNW	3	bc-	54	65	6	4000	St.Cu.	1	Ci.	3	·
Chester (Sealand)	997.5	0	N'W	2	bc-	54	65	8	4000	Cu.	3	Ci.	6	·
Harrogate	997.4	0	SW	3	c	51	65	8	-	-	0	A.St.	9	·
Spurn Head	997.8	0	W	2	crr	50	97	6	4000	Nb.	8	A.St.	10	2
Birmingham (Edgbaston)	999.4	0	S	1	bc-	49	85	5	1500	Nb.	~~5~~ 7	-	~~8~~ 7	·
Cranwell	999.0	0	–	0	cr₀r₀	49	97	7	1500	Nb.	7	A.St.	10	·
Gorleston	1000.3	-3	SSW	5	or₀r₀	53	92	6	1500	Nb.	10	-	10	4
Valentia (Cahirciveen)	998.0	-1	NW'N	4	b	53	65	8	2500	Cu.	1	A.Cu.	2	3
Roches Point	997.9	-2	W	3	c	52	85	8	1500	CuNb	9	-	9	4
Pembroke (St. Ann's H.)	998.2	-3	–	0	bc-	50	92	7	1500	Cu.	3	Ci.St.	6	2
Ross-on-Wye	998.7	-1	SW	1	cr₀	52	85	8	2500	CuNb	7	A.St.	10	·
Leafield	999.1	0	W	1	orr	49	97	7	2500	St.	10	-	10	·
Winchester (Worthy Dn.)	1001.2	-1	S'W	4	orr	51	92	6	450	Nb.	10	-	10	·
S. Farnborough	1000.8	-1	SW'S	4	or₀r₀	53	97	6	450	Nb.	10	-	10	·
London (Kew Obsy.)	1000.7	-1	SSW	3	orr	54	92	6	800	Nb.	10	-	10	·
Croydon	1001.9	-1	SW'S	4	orr	53	92	5	220	Nb.	10	-	10	·
Shoeburyness	1000.9	-3	SSW	3	crr	53	97	6	800	CuNb	10	-	10	·
Clacton-on-Sea	1002.1	-2	SSE	3	orr	49	97	6	2500	St.	10	-	10	3
Felixstowe	1001.7	-2	SSW	4	or₀r₀	50	97	6	800	Nb.	10	-	10	6
Lympne	1002.9	-2	SW	6	cr₀r₀	51	92	6	2500	Nb.	9	A.St.	10	·
Scilly (St. Mary's)	999.3	-2	–	0	or₀r₀	49	97	7	2500	Nb.	10	-	10	1
Falmouth (Pendennis)	997.6	-2	SW	1	orr	50	97	7	2500	Nb.	10	-	10	0
Plymouth (Cattewater)	999.1	-1	S	5	orr	49	97	6	<450	Nb.	10	-	10	2
Portland Bill	999.8	-1	SW	4	orr	49	97	5	800	St.	10	-	10	4
Southampton (Calshot)	1001.1	-4	W	4	oRR	52	94	4	<450	Nb.	10	-	10	3
Dungeness	1003.4	-3	SSW	4	cr₀r₀	50	92	7	1500	Nb.	10	-	10	5
Guernsey (Fort George)	1002.6	-3	SSW	4	c/r	51	97	7	800	St.	10	-	10	6

London Observations. Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 8h-21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
		24 Hours ended 9h.											
Kew	18	crr	cyr	crcrrir	55	52	51	6	7	0.0	*	*	8
Croydon	244	corr₀	corr₀	orrm₀m₀	54	52	50	7	14	0.0	*	*	
Greenwich (Royal Obsy.)	149	crrd₀	cdd₀	crrc	55 (7)	51	49	3	8	0.0	92	76	7
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	57	52	*	//		0.0	95	70	*
Regent's Pk. (Botanic Gdns).	103	*	*	*	*	*	*	*	*	0.6	*	*	*
Camden Square	110	or	orcror	*	54	51	*	4	6	*	*	86	*
Kensington Palace	80	odr	odr	*	55 (5)	52	50	3	7	*	(At 18h) 94	78	*
Hampstead Observatory	450	*	*	*	52	49	47	7	4	0.0	*	85	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. 24 Hrs. ended 7h. G.M.T. 6th

South Kensington			
Max.	Time.	Min.	Time.
0.4	5th 19h	<0.3	6th 4h

Kew Observatory			
Max.	Time.	Min.	Time.
0.1	5th 12h	<0.1	6th 0-4h

Pole Star Record at Greenwich Obsy. Exposure from 5th 20 h 45 m. to 6th 0 h 13 m. (printed h00.m.)

Stars.	Exposure h. m.	Record h. m.	%
Polaris	6 15	NIL	-
δ Ursae Minoris	6 15	NIL	-

Code for State of Ground.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 15h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset. 1st-7th May 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.15	11.50	19.26
	4.13	11.50	19.27
Greenwich	4.25	11.57	19.29
	4.24	11.57	19.30
Wick	4.09	12.9	20.10
	4.07	12.9	20.12
Valentia	5.5	12.38	20.11
	5.3	12.37	20.13

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. Ɯ = lunar halo.
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.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.

Sea Disturbance.
0=no swell } Calm or
1=mod. swell } slight
2=heavy swell } sea.
3=no swell } Moderate
4=mod. swell } sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

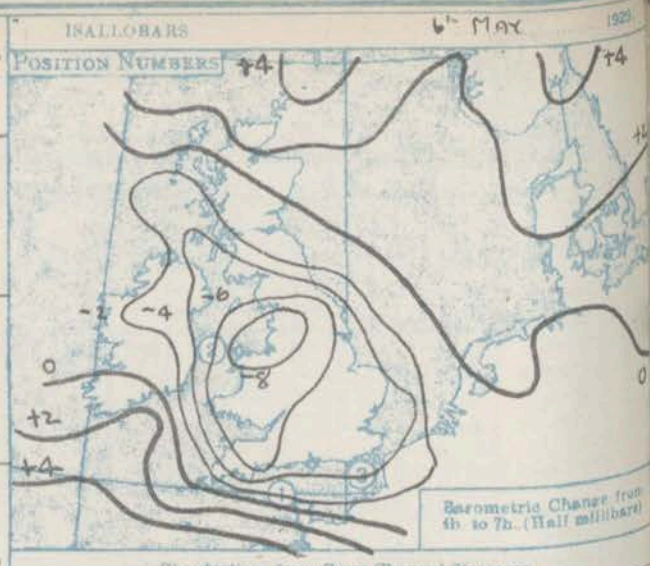
§ Telegraphic Code for Surface Visibility.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	3½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 5h.	18h.-18h. 5h.	18h. 5h. to 1h. 6h.	1h.-7h. 6h.	TEMPERATURE. MAX. Day, 7h.-18h.	MIN. Night, 18h.-7h.	MIN on Grass	RAINFALL.† Day, 7h.-18h. mm	began.	Night, 18h.-7h. mm.	began.	SUN 5h. Hours.
Lerwick	orr	orrid	oidoc	eid	46	44	•	14	<8·00	0·4	<21·00	0·0
Stornoway	r-d	errbc	c	c	50	35	•	3	11·00	1	02·30	6·8
Wick	c	cprt	b-bc	b.bc	49	35	•	05	13·30	–	–	•
Tiree	cbc	bc	prc	pdbc	50	42	40	–	–	1	<21·00	7·7
Nairn	bc	bcc	dbcc	xbc	55	34	•	–	–	Tr	<21·00	5·0
Aberdeen	c	cPRbcr	cz.bcbw	bw	52	35	30	3	13·30	–	–	
Malin Head	cpr.bc	bcc	cbcbbbc	bcp.r	{51}	38	•	01	<8·00	0·1	01·30	4·3
Renfrew	cr.c	cpr	bcb	bccwff	56	30	22	05	<8·00	Tr	–	5·0
Edinburgh (Inchkeith)	p	cwir	cbc	bcc	50	40	36	2	<8·00	0·5	<21·00	5·1
Leuchars	cbctlRcr	cRir.	bc	bcwcw	57	37	31	5	11·00	–	–	5·0
Eskdalemuir	cbccprcr	crbcprc	cbc	bcc	49	30	28	14	11·00	Tr	–	2·9
Tynemouth	bir.bc	bc	bcb	boir.	58	39	30	01	<8·00	Tr	06·30	•
Blacksod Point ...	bc	bc	bc	p.c	54	40	•	–	•	0·1	•	•
Donaghadee	bcpr.	pr.bc	bbc	bcc	56	37	•	01	9·00	–	–	•
Birr Castle	cupab	cbc	c	c	58	41	39	Tr.	<8·00	–	–	7·5
Holyhead ...	cbbcc	cbcb	bw	r.rr	54	45	39	–	–	9	03·30	10·0
Liverpool (Bidston) ...	dr.cv	vcby	bcb	rrRm	55	44	38	1	<8·00	5	02·30	3·4
Chester (Sealand) ...	r.r.c	c	bcco	rrm	56	42	37	05	<8·00	6	01·30	1·8
Harrogate	cr.cbc	bcc	cb	coffrR	55	40	34	02	<8·00	4	04·30	2·1
Spurn Head	cpr	crr	or.cr.	orforr	55	44	•	2	<8·00	7	<21·00	1·1
Birmingham (Edgbaston)	cpr.Rr	orr	cor.r	orrc	54	46	45	6	<8·00	9	<21·00	0·0
Cranwell	cr.c	crr.	cr.	or.m.	59	45	44	5	<8·00	3	<21·00	0·2
Gorleston	oqr.	oqr.r.	or.r	orr	55	48	46	1	<8·00	4	<21·00	0·0
Valentia (Cahirciveen)	bc	bcvb	bbc	bccp.	54	45	42	–	–	0·1	05·30	11·2
Roches Point	bcv	bcvphrc	ccp	cir	55	43	•	3	13·30	4	<21·00	•
Pembroke (St. Ann's H.)	or.cm.	cm.c	bccr.r	or.Rrm.	51	46	•	05	9·00	17	24·00	2·1
Ross-on-Wye	r.oir	rrcir.	r.orr	orr	53	48	47	3·1	<8·00	13	<21·00	0·0
Leafield	orcr	cir.or	oRr	orrc	54	48	47	2	<8·00	12	<21·00	0·0
Winchester (Worthy Dn.)	orrqrm.	orrm	orrm.	ccrrcr	53	50	49	8	<8·00	9	<21·00	0·0
S. Farnborough ...	odfr.	orr.	orrr.	r.orr	53	51	50	6	<8·00	8	<21·00	0·0
London (Kew Obsy.) ...	crr	crr	crr	crrcir	55	52	51	6	<8·00	7	<21·00	0·0
Croydon	corr.	or.r	orrm.c	cr.rrm.	54	52	50	7	<8·00	14	<21·00	0·0
Shoeburyness	or.r.	orr		cr.r.	55	49	48	3	<8·00	5	<21·00	0·0
Clacton-on-Sea ...	oqpd	oqdrr	dqrdc	core	50	48	47	3	<8·00	5	<21·00	0·0
Felixstowe	orr.r.	or.r.orr	or.r.orr	or.or.r.	52	48	47	3	<8·00	6	<21·00	0·0
Lympne	orrf	orrfr.m	cr.r.cm	rmr.r.	57	48	46	13	<8·00	9	<21·00	0·0
Scilly (St. Mary's) ...	omrrc	cr.orr	omrrcp	cpbccpq	51	44	•	11	<8·00	16	<21·00	0·0
Falmouth (Pendennis)	crrm.	orr	orrq	orqleop.	52	48	•	9	<8·00	15	<21·00	0·0
Plymouth (Cattewater)	om.qrrR	omqrrr	oqrrm.	oqrrd.m.	51	48	47	10	<8·00	13	<21·00	0·0
Portland Bill	orrz.	orrm.	orrorrm	oirrcz.	50	48	•	8	<8·00	6	<21·00	•
Southampton (Calshot)	orrrrm	orrRrm	oRRmrrc	cq	53	50	49	17	<8·00	8	<21·00	0·0
Dungeness	orr.orr	orrr.r.	orrb	bcorrcr	580	47	•	9	<8·00	9	<21·00	•
Guernsey	odd.rrq	orrm.	cr.qirm	cprbccmq	51	48	•	11	<8·00	3	<21·00	0·0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility
3	6th 11.	Dieppe	SW	3	c-	51	44	9

GENERAL INFERENCE.

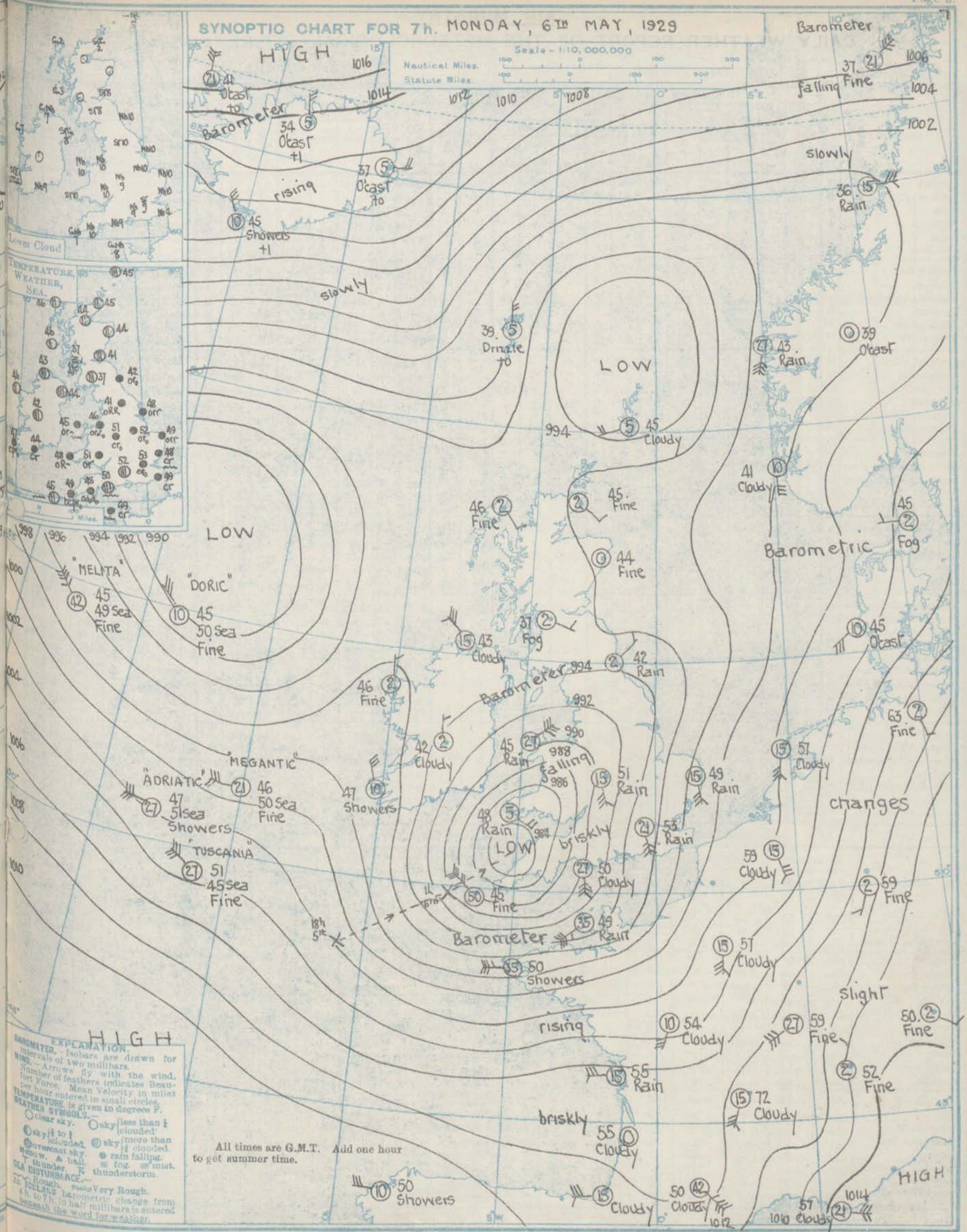
A deep depression centred near Pembroke is moving north-northeast, and another depression northwest of Ireland is stationary. Considerable rainfall will occur today in Wales, Northern England and Southern and Eastern Scotland while elsewhere there will be showers and bright intervals. Winds will be strong in the South, reaching gale force locally.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Monday 6th May, 1929.	Further Outlook.
1. S.E. England ▼ 2. E. England ▼ 3. E. Midlands 4. W. Midlands	Wind south, veering southwest to west, fresh or strong, a gale locally on coast; occasional showers but considerable bright intervals; moderate temperature.	Showers and bright intervals.
5. S.W. England ▼ 6. South Wales ▼	Wind northwest, strong to gale; backing west later and moderating somewhat; showers, bright intervals; moderate temperature.	
7. North Wales ▼	Wind north, backing northwest to west, fresh or strong; rainy at first, showers and bright intervals later; cool.	▼ South Cone hoisted at 8h.15m. today in districts 1 and 2; still flying in districts 5, 6, and 7.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind northeast to variable, finally northwest to west, moderate or fresh; rainy today, showers and bright intervals tomorrow; cold today, somewhat milder tomorrow.	
13. A. W. Scotland B. N.W. Scotland	Wind variable, light; bright periods; local showers; moderate temperature.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind becoming northeast, light, freshening somewhat; cloudy, some rain; cool.	
17. N.W. Ireland	Wind northwest to west, moderate or fresh; showers, bright intervals; rather cool.	
18. N.E. Ireland 19. S.E. Ireland	As 7.	
20. S.W. Ireland	As 17.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0925 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For code see page 1

† Trace = rain has fallen, but amount less than 0·1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Monday, 6th MAY.....1929. No. 126.

Stations	Height above M.S.L. in feet	Observations at 1h. G.M.T. 6th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 6th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	54	9908	+2	SW	3	c	45	92	7	1500	StCu	5	ASt	10	995.0	+4	WSW	2	c|p	45	92	8	1500	CuNb	5	ASt	9	*
Stornoway	30	996.4	+1	SW	1	bc	*	*	7	*	*	*	*	6	994.9	0	SSE	1	bc	46	92	8	4000	Cu	2	ACu	3	0
Wick	81	995.1	+1	WNW	2	b	39	97	8	2500	CuNb	2	-	2	996.1	+2	SE	1	bc	45	85	8	4000	StCu	2	CSt	4	0
Tiree	32	*	*	*	*	*	*	*	*	*	*	*	*	*	995.1	-1	NE	2	bc	46	85	8	2500	Cu	3	-	3	1
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	996.1	*	-	0	bc-	44	85	8	-	-	0	ACu	3	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	996.8	-1	-	0	bc+	44	85	7	-	-	0	ACu	4	0
Malin Head	81	998.3	0	W	3	bc|p	43	92	8	4000	CuNb	3	-	3	995.8	-2	NW	4	c|p	43	85	8	4000	CuNb	7	ACu	8	1
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	995.8	-2	SE	1	ffc	37	97	3	-	-	0	ASt	10	*
Edinburgh (Inchkeith)	100	996.9	+3	WSW	3	bc	43	92	7	2500	St	4	-	4	994.5	-1	WSW	1	c	41	92	6	800	St	8	ACu	10	0
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	995.7	0	NE	2	c	44	85	8	2500	St	4	ASt	10	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	994.5	-4	NNE	1	c+	37	92	8	2500	St	8	ASt	10	*
Tynemouth	67	997.2	+1	W	2	b	42	85	6	-	-	0	-	0	995.8	-1	NE	1	or$_0$	42	92	6	1500	Nb	10	-	10	0
Blacksod Point ...	18	998.2	0	-	0	bc	42	75	7	*	Cu	4	-	4	996.2	-2	N	1	bc	47	55	8	*	Cu	1	Ci	7	4
Donaghadee	45	*	*	*	*	*	*	*	*	*	*	*	*	*	994.9	-4	NE'E	3	c+	44	92	8	4000	StCu	8	-	8	2
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*	995.6	*	N	1	c	42	85	7	-	-	0	ASt	10	*
Holyhead	30	997.4	-3	-	0	o+	47	97	6	1500	St	10	-	10	996.2	-8	NE'E	6	or-	45	97	6	1500	Nb	10	-	10	6
Liverpool (Bidston) ...	180	*	*	*	*	*	*	*	*	*	*	*	*	*	988.5	-9	ESE	4	or$_0$r$_0$	46	92	4	1500	Nb	10	-	10	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	988.5	-11	E'S	5	or-	48	92	5	450	Nb	10	-	10	
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	992.9	-8	N	2	orR	41	97	2	4150	St	10	-	10	*
Spurn Head	29	998.3	0	S'W	2	or$_0$	46	97	7	2500	Nb	10	-	10	993.6	-3	S'E	5	orr	48	97	6	2500	Nb	10	-	10	3
Birmingham (Edgbaston)	536	*	*	*	*	*	*	*	*	*	*	*	*	*	990.5	-5	SSE	4	cr$_0$	51	92	8	1500	Nb	9	-	9	*
Cranwell	256	999.0	0	SE	2	or$_0$+	47	97	5	800	Nb	10	-	10	993.4	-6	SSE	5	or$_0$	52	97	6	450	Nb	10	-	10	
Gorleston	14	1000.3	0	SW'S	4	or$_0$r$_0$	52	92	6	1500	Nb	10	-	10	998.5	-2	S'E	4	orr	49	92	6	800	Nb	10	-	10	1
Valentia (Cahirciveen)‡	30	1000.8	-2	NW	5	bc+	47	97	8	-	CuNb	5	-	5	996.2	0	N'W	3	c|pr$_0$	47	75	8	1500	St	10	-	10	4
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	993.8	+2	N	4	cr	44	92	8	1500	Nb	9	-	9	0
Pembroke (St. Ann's H.)	150	994.8	-3	ENE	2	or$_0$+	47	92	7	1500	St	10	-	10	994.2	-7	SE	2	or-	48	97	4	800	St	10	-	10	2
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	988.3	-6	S	4	or	51	85	7	2500	Nb	10	-	10	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	990.9	-5	SSE	6	c+	51	85	8	2500	Cu	8	-	8	
Winchester (Worthy Dn.)	272	*	*	*	-	*	*	*	*	*	*	*	*	*	993.2	-5	SE'S	6	cr	50	92	7	800	St	10	-	10	*
S. Farnborough ...	337	*	*	*	*	*	*	*	*	*	*	*	*	*	994.2	-5	S	4	c|r	52	85	7	800	Nb	9	ASt	10	*
London (Kew Obsy.) ...	18	*	*	*	*	*	53	*	*	*	*	*	*	*	994.7	-5	S'E	5	cr$_0$	53	92	6	800	St	9	ASt	10	*
Croydon	344	1000.4	-2	SSW	4	c	53	97	7	450	St	9	-	9	995.9	-5	SSE	5	cr$_0$r$_0$	52	92	6	450	Nb	9	ASt	10	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	997.2	-6	SSE	2	cr$_0$r$_0$	51	97	6	2500	Nb	5	ACu	10	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	998.0	-4	SE	4	cr	48	92	6	2500	St	8	-	8	4
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	997.8	-6	S'E	4	or$_0$r$_0$	48	97	6	450	Nb	10	-	10	6
Lympne	350	1002.1	-2	S	3	c	49	92	6	2500	StCu	6	ASt	8	998.3	-4	SE	4	or$_0$r$_0$	48	97	2	1150	St	10	-	10	*
Scilly (St. Mary's) ...	163	989.6	-9	S'W	7	c|PR	51	97	7	4000	CuNb	8	-	8	987.7	-1	NW	9	bc	45	85	6	4000	Cu	5	C	7	7
Falmouth (Pendennis)	200	989.4	-8	SSW	5	or-	51	97	6	2500	Nb	10	-	10	984.7	+3	W	2	bc|p$_0$	49	92	7	4000	CuNb	7	-	7	1
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	985.4	-7	S	6	od$_0$d$_0$	48	85	6	220	Nb	10	-	10	5
Portland Bill	52	998.4	-2	SSE	4	or$_0$r$_0$	49	97	5	800	St	10	-	10	989.0	-7	S	6	c	50	85	6	800	Nb	9	ASt	10	7
Southampton (Calshot)	10	999.4	-4	SW	5	c	53	92	8	800	Nb	10	-	10	993.3	-5	SSW	6	cr$_0$	52	85	7	800	Nb	10	-	10	3
Dungeness	20	1002.3	-2	SSW	2	b|r	48	97	8	-	-	0	-	0	998.3	-4	SSE	3	cr	49	97	8	1600	Nb	4	ACu	10	4
Guernsey (Fort George) ‡	205	998.8	-6	SE	4	c+	51	97	6	2500	StCu	10	-	10	992.8	-2	SW	7	cr	49	85	7	800	CuNb	8	-	8	7

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR SUNDAY 5th MAY 1929

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. to 9h. °F.	Temperature. Max. 9h.-17h. °F.	Rainfall.† Night 17h.-9h. mm.	Rainfall.† Day 9h.-17h. mm.	Sunshine. Sunrise to 17h. hr.	Sunshine. Sunrise to Sunset. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	bc	bcPa	42	56	6	?	8.9	5.9
Douglas (I. o. M.) ...	cbc	cbc	42	54	8	-	5.5	5.8
Llandudno ...	bc	cbc	46	55	6	-	5.7	5.5
Colwyn Bay ...	cbcb	bcb	46	57	6	-	3.8	6.1
Rhyl	c	bc	46	54	5	-	1.5	5.3
Wallasey	Rabbc	bcab	45	54	12	0.3	1.2	4.8
Southport	cbcc	cbcb	*46	55	16	-	3.2	5.2
Blackpool	orc	bc	45	54	12	-	4.1	5.1
Ilkley	c	c	45	57	6	-	2.0	3.9
Cleethorpes	bor$_0$	or$_0$	44	58	2	3	0.9	4.7
Skegness	pr$_0$	opr$_0$	43	58	3	4	0.0	4.0
Aberystwyth ...	Rc	cbc	46	52	15	-	0.9	5.9
Bath	r$_0$r$_0$	r$_0$cr	50	56	6	2	0.0	1.7
Cheltenham ...	ocor$_0$	or	50	56	5	2	0.0	2.4
Leamington Spa ...	or	or	49	56	10	9	0.0	0.8
Lowestoft	cdc	cdc	44	49	1	9	0.0	1.3
Harwich & Dovercourt	ocr	ocr	46	52	1	1	0.0	2.1
Maldon	rr	rr	48	55	3	2	0.0	1.0
Southend	or$_0$	or	48	54	1	1	0.0	2.8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	rr	rr	49	53	12	12	0.0	2.1
Penzance	orr	orr	51	54	18	6	0.0	1.4
Paignton	Rqor	orr	50	54	17	8	0.0	3.3
Torquay	orm	orrm	50	54	9	5	0.0	3.4
Jersey	rc	dc	46	54	3	0.3	0.0	5.3
Weymouth	r$_0$r	rr	48	52	10	7	0.0	0.8
Bournemouth ...	rr	rr	48	52	10	8	0.0	1.0
Ventnor ...	orm	orm	46	50	9	11	0.0	1.6
Portsmouth (S'thsea)	orr	orr	48	53	6	6	0.0	1.0
Bognor	rr	rr	48	51	10	17	0.0	2.0
Littlehampton ...	cr	cr	47	52	9	12	0.0	1.9
Worthing	orr	orr	47	51	8	6	0.0	2.7
Brighton	rr	rr	47	51	5	5	0.0	3.1
Eastbourne‡ ...	r$_0$r$_0$r	rr$_0$r$_0$	48	51	4	7	0.0	2.2
Hastings‡	or$_0$r	or$_0$r	47	51	5	7	0.0	1.7
Folkestone	opr$_0$m$_0$	orr	46	49	3	7	0.0	1.9
Dover	orr	orr	47	49	3	7	0.0	2.2
Tunbridge Wells ...	or	or	47	53	12	10	0.0	0.9
Ramsgate	rr	rr	47	53	1	2	0.0	1.5
Margate	cr	cr	48	54	1	2	0.0	2.9
Deal	rr	rr	48	52	2	6	0.0	2.7

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* Information not usually received. ‡ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †: See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ❖ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24638 Tuesday, 7th May, 1929. Page 1.

Observations at 13h. G.M.T. 6th

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	996·0	+2	SSE	1	c	49	75	8	1500	StCu	4	ASt	8	•
Stornoway	994·2	-1	NE	1	c+	50	75	9	4000	Cu	8	ACu	8	•
Wick	996·0	0	SE	2	c	46	92	8	2500	StCu	5	ASt	10	•
Tiree	992·0	-3	NE	3	c	48	85	8	1500	StCu	9	-	9	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	992·7	-5	ENE	3	cr	45	97	7	800	Nb	6	ASt	10	1
Malin Head	993·1	-3	NNW	3	c	45	85	8	4000	StCu	9	-	9	•
Renfrew	991·1	-5	ENE	3	cr	44	92	5	1500	Nb	6	ASt	10	2
Edinburgh (Inchkeith)	990·5	-4	ENE	3	orr	43	97	6	800	Nb	10	-	10	•
Leuchars	991·0	-5	NNE	2	orr	44	97	5	450	Nb	10	-	10	2
Eskdalemuir	986·9	-8	NNE	5	o|r	42	92	7	800	St	10	-	10	2
Tynemouth	987·1	-5	SSE	3	oT_oT_o	43	92	6	1500	Nb	10	-	10	•
Blacksod Point	994·9	0	NNW	2	bc	53 (49 struck out)	55	9	•	Cu	4	-	4	•
Donaghadee	991·3	-4	N'W	4	cr	44	85	7	2500	Nb	9	-	9	•
Birr Castle	993·0	•	NW	1	c	51	65	8	4000	StCu	8	-	8	•
Holyhead	989·2	+3	NW'N	7	oT_oT_o	44	97	6	1500	Nb	10	-	10	1
Liverpool (Bidston)	[illegible]	0	S	3	cr+	50	92	6	1500	Nb	9	-	9	•
Chester (Sealand)	984·9	-1	S	4	c/r	56	75	8	2500	StCu	9	-	9	1
Harrogate	986·6	-3	SSE	3	c/pr_o	52	75	6	2500	Nb	9	ASt	10	•
Spurn Head	987·7	-5	SSW	8	c	54	75	7	4000	StCu	9	-	9	•
Birmingham (Edgbaston)	987·6	-1	SSW	4	cjp	51	85	8	1500	Nb	9	-	9	1
Cranwell	989·1	-2	S	6	c	52	75	8	2500	StCu	10	-	10	1
Gorleston	993·5	-5	S'W	7	bc	56	75	6	4000	Cu	5	Ci	6	•
Valentia (Cahirciveen)	996·5	0	W'S	4	bc	49	55	9	4000	Cu	3	-	3	
Roches Point	995·6	+3	NW	3	c	51	65	9	1500	CuNb	9	-	9	•
Pembroke (St. Ann's H.)	992·2	+8	NW	6	bc	47	85	7	2500	Cu	3	ACu	6	•
Ross-on-Wye	987·8	+1	SW'W	6	bc	56	65	8	4000	Cu	5	-	6	1
Leafield	989·1	+1	S	5	c/pr_o	51	85	8	1500	Cu	10	-	10	2
Winchester (Worthy Dn.)	993·0	+4	S	6	c/r	49	85	7	800	St	10	-	10	2
S. Farnborough	992·6	+1	SSW	6	c	49	85	7	800	St	10	-	10	2
London (Kew Obsy.)	993·4	+1	SSW	7	cT_o	51	75	8	800	StCu	10	-	10	2
Croydon	994·0	+1	SSW	7	cd_o	50	75	6	800	StCu	10	-	10	2
Shoeburyness	997·0	0	SSW	6	c/r	53	65	8	1500	StCu	7	ACu	9	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	996·4	0	SSW	7	c	54	65	9	2500	StCu	9	ACu	9	2
Lympne	998·3	+2	S'W	7	c	51	75	8	2500	Nb	10	-	10	2
Scilly (St. Mary's)	999·5	+7	NW'W	5	bc	52	75	7	4000	Cu	6 (5 struck out)	Ci	6	•
Falmouth (Pendennis)	998·0	+11	NW'W	5	bc	49	75	3	4000	Cu	7	-	7	•
Plymouth (Cattewater)	997·6	+16	WNW	6	c/pr_o	49	75	8	1500	CuNb	9	-	9	2
Portland Bill	997·8	+11	SSW	7	c+	49	85 (92 struck out)	6	1500	St	8	-	8	•
Southampton (Calshot)	994·5	+5	[illegible]	7	c	50	75	6	800	Cu	7	ASt	10	2
Dungeness	998·3	+3	SSW	7	c	51	75	8	2500	StCu	8	CiSt	10	•
Guernsey (Fort George)	1000·0	+7	WSW	6	bc	52	85	7	2500	CuNb	2	Ci	3	•

Observations at 18h. G.M.T. 6th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	995·4	-1	SE	2	c	45	92	8	1500	StCu	3	ASt	9	•
Stornoway	991·7	-3	NNE	4	c	48	75	9	4000	CuNb	10	-	10	3
Wick	992·8	-3	NE	2	cT_oT_o	45	97	8	1500	St	6	ASt	10	4 (corrected to 0)
Tiree	990·0	-1	N'E	4	cT_o	47	97	7	800	Nb	10	-	10	1
Nairn	989·2	•	E	3	cRR	44	92	7	800	Nb	9	-	9	•
Aberdeen	986·6	-7	NNE	3	orr	44	97	3	450	Nb	10	-	10	0
Malin Head	992·7	0	WNW	4	cT_o	45	85	7	4000	CuNb	9	-	9	3
Renfrew	988·6	-1	WNW	2	orr	43	97	6 (5 struck out)	450	Nb	10	-	10	•
Edinburgh (Inchkeith)	985·0	-5	NE	3	oT_o	44	97	7	800	St	10	-	10	1
Leuchars	984·9	-8	NNE	3	oT_oT_o	45	97	6	800	Nb	10	-	10	•
Eskdalemuir	985·9	+2	WSW	4	c/r	45	85	7	1500	St	9	-	9	•
Tynemouth	985·5	-2	SSW	3	c/r	52	75	6	1500	Nb	8	-	8	4
Blacksod Point	994·4	0	WNW (NNW struck out)	2	bc	50	55	9	•	Cu	4	-	4	1
Donaghadee	992·3	+3	NW	3	cT_o	45	75	8	1500	Nb	4	ACu	10	3
Birr Castle	994·3	•	N	1	c/pr_o	47	85	8	5700	CuNb	8	-	8	•
Holyhead	994·6	+5	SW'S	4	bc	48	85	7	5700	StCu	2	CiCu	3	2
Liverpool (Bidston)	993·6	+11	W'N	5	c	47	65	8	2500	StCu	1	ACu	9	•
Chester (Sealand)	993·7	+8	WSW	3	bc	50	65	6	1500	St	5	ACu	7	•
Harrogate	990·8	+7	SW'S	5	c	44	85	8	2500	Nb	8	ACu	9	•
Spurn Head	989·7	+2	SW	6	c	52	97	7	4000	CuNb	5	ASt	10	6
Birmingham (Edgbaston)	997·1	+13	WSW	4	cT_o	48	65	8	2500	Nb	7	ACu	8	•
Cranwell	994·5	+11	W	5	bc	46	85	6	2500	Cu	3	CiCu	7	•
Gorleston	997·0	+4	SW'S	7	c	53	75	6	4000	Cu	9	-	9	4
Valentia (Cahirciveen)	993·6	-4	S'E	4	c	46	75	8	1500	St	6	ASt	8	3
Roches Point	996·5	+1	NW	3	bc	50	65	9	1500	CuNb	4	-	4	4
Pembroke (St. Ann's H.)	997·4	+3	SW	4	bc	48	85	8	2600	Cu	3	Ci	6	3
Ross-on-Wye	997·9	+9	SW	4	bc	50	65	8	4000	Cu	3	-	3	•
Leafield	997·7	+10	WSW	5	bc	49	65	9	4000	Cu	4	-	4	•
Winchester (Worthy Dn.)	990·1	+5	SW	4	bc	51	55	8	2500	Cu	4	-	4	•
S. Farnborough	999·8	+7	W	4	bc	51	65	8	2500	StCu	3	Ci	4	•
London (Kew Obsy.)	999·8	+8	SW	6	bc	54	55	8	4000	Cu	3	Ci	6	•
Croydon	1000·2	+7	W'S	4	bc	51	65	8	2500	StCu	4	Ci	7	•
Shoeburyness	1000·6	+5	W	3	bc	52	65	8	2500	StCu	5	ACu	7	•
Clacton-on-Sea	999·4	+5	SW	6	bc	52	75	7	4000	StCu	6	-	6	4
Felixstowe	1000·0	+4	SW	5	c	52	75	8	2500	StCu	8	ASt	10	6
Lympne	1001·7	+4	SW'S	5	c⊕	48	85	8	-	-	0	CiSt	9	•
Scilly (St. Mary's)	1001·1	+1	NW'W	3	bc	48	75	8	4000	CuNb	5	-	5	3
Falmouth (Pendennis)	999·3	+2	NW	4	c	50	75	8	4000	Cu	4	ACu	8	1
Plymouth (Cattewater)	1000·2	+2	SSW	4	cjp	49	85	8	2500	CuNb	5	CiSt	9	4
Portland Bill	1001·0	+3	SW	4	bc	48	85	8	1500	StCu	3	-	3	7
Southampton (Calshot)	1000·4	+5	W	4	b	50	75	8	2500	StCu	1	ACu	2	3
Dungeness	1001·7	+3	SW	6	c	49	85	8	4000	StCu	5	CiCu	9	5
Guernsey (Fort George)	1001·6	+1	SW'W	3	bc/pr_o	50	85	7	1500	CuNb	4	Ci	6	4

LONDON OBSERVATIONS. Day 7h–18h, Kew & Croydon. 9h–18h, Kensington. 9h–21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	cq	cqbc	bmcrc	57	44	36	0·1	2	2·0	•	•	6
Croydon	244	ci_oq	cd_otc	bcr_orr	65	44	40	0·1	5	3·7	•	•	7
Greenwich (Royal Obsy.)	149	cq	cq	cbmcrc	56	42	30	-	6	1·9	65	65	6
City (Bunhill Row)	38	•	•	•	•	•	•	•	•	1·9	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	57	45	•	5		2·4	62	64	•
Regent's Pk. (Botanic Gdns).	128	•	•	•	•	•	•	•	-	1·9	•	•	•
Camden Square	110	c	c	•	54	45	•	-	4	•	•	68	•
Kensington Palace	80	c	co	•	56	45	36	-	3	•	(At 18h) 65	59	•
Hampstead Observatory	450	•	•	•	53	41	34	Tr.	3	1·7	•	73	•

(Weather: 24 hours ended 9h.)

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 7h. G.M.T. 7th

South Kensington Max.	Time	Min.	Time
1·0	21h 6th	<0·3	4-5h 7th

Kew Observatory Max.	Time	Min.	Time
<0·1	whole period		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 6th 20h. 45m. to 7th 3h. 0m.

Stars	Exposure h. m.	Record h. m.	%
Polaris	6.15	2.52	46
δ Ursae Minoris	6.15	2.46	44

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET. 7th and 8th May, 1929.

Stations	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4·13 / 4·11	11·50 / 11·50	19·27 / 19·29
Greenwich	4·24 / 4·22	11·57 / 11·56	19·30 / 19·32
Wick	4·07 / 4·05	12·09 / 12·09	20·12 / 20·15
Valentia	5·03 / 5·01	12·37 / 12·37	20·13 / 20·15

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. j intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening skies
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain.
rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♁ = lunar halo.
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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 33 feet above the ground.

SEA DISTURBANCE.
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

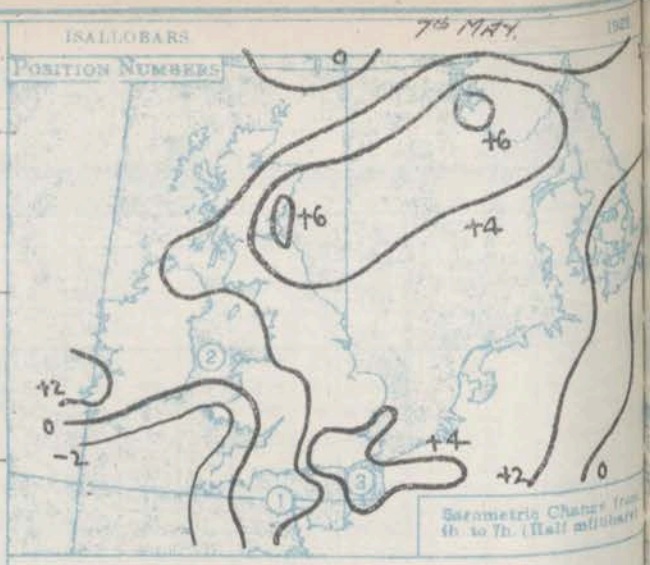
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

Code	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 6th	18h.-18h. 6th	18h. 6th to 1h. 7th	1h.-7h. 7th	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min on Grass	Rainfall† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	Sun 6th Hours.
Lerwick	c	c	orrq	orrqid,f	51	44	.	-	-	5	<21.00	3.5
Stornoway	b-bc	c	orro	p	52	42	.	-	-	3	24.00	6.0
Wick	c	cr,rc	oir	oirr	48	43	.	1	14.30	8	<21.00	.
Tiree	bcc	cr,r,	orr	r,r,c	49	41	40	1	16.30	6	<21.00	0.0
Nairn	bcc	cRRq	RRCo	RRO	50	39	.	3	15.30	32	<21.00	3.7
Aberdeen	c.cr	orrRrmf	orrfeir,	Ocr,	47	41	40	15	12.30	3	<21.00	1.7
Kalin Head	cp,	cir	cr,ircr,	cr,bcv	46	39	.	1	<8.00	2	<21.00	0.4
Renfrew	cffor,m,	orrm,	Or,r,c	Or,r,c	45	40	37	14	9.00	1	<21.00	0.0
Edinburgh (Inchkeith)	orrm,m,	orr	oir,c	Or,c	44	41	39	6	<8.00	Tr.	<21.00	0.0
Leuchars	co orr	orr	Oir,mo	bcir,cq	45	41	38	13	11.00	0.4	<21.00	0.0
Eskdalemuir	crrc	corrc	Oir,c	c	45	37	36	7	9.00	0.2	<21.00	0.1
Tynemouth	or,r,	oir	cbcq	bbc	53	42	37	4	<8.00	-	-	.
Blacksod Point ...	bc	bc	bc	bc	51	43	.	-	.	-	.	.
Donaghadee	cir	ir ir,	ir,c	ir,bc	45	34	.	5	9.00	0.3	<21.00	.
Birr Castle	cbc	c cp,c	cbxc	cp,c	52	37	29	Tr	15.30	1	<21.00	3.7
Holyhead	ir rr	r,r,c bc	bcpr,	bbccpr,	50	43	41	8	<8.00	0.4	22.00	3.3
Liverpool (Bidston) ...	oprc	oPq	CbcbW	bbc	56	38	35	4	<8.00	-	-	1.7
Chester (Sealand) ...	cir	KQR r,	bcm,b	bbcm,	58	36	30	3	<8.00	-	-	1.5
Harrogate	ofrrocp	cbc cp	Cb	b	54	36	33	5	<8.00	-	-	1.0
Spurn Head	orcq	c	cbc	bc	55	40	.	0.2	<8.00	-	-	2.1
Birmingham (Edgbaston)	pr, bc	c	cpr,b	b	54	38	35	0.3	<8.00	Tr.	<21.00	2.8
Cranwell	crr,c	cir,	bcb	b,cbc	58	37	33	3	<8.00	-	-	3.5
Gorleston	or cq	bcq cq	cq bcb	bccorr,r	58	43	40	2	<8.00	3	3.30	2.0
Valentia (Cahirciveen)	cir,bcvq	bcvq cp,c	or	cr,bc	52	41	40	1	<8.00	8	<21.00	6.3
Roches Point	cir cv	cPRHcv	bcvcrrc	cPC	53	43	.	4	<8.00	10	22.00	.
Pembroke (St. Ann's H.)	cd,dmq	bcq	bcb l	bbccRH	50	43	.	3	<8.00	2	6.30	6.7
Ross-on-Wye	orcbcq	bcc bc	bccbc	bbc	57	40	34	0.1	9.00	-	-	4.0
Leafield	cprq	cPqbc	bbcP	Rbcb	52	36	29	4	<8.00	1	24.00	1.9
Winchester (Worthy Dn.)	crcr,	cqbcq	bbccPR	cprbc	51	41	36	1	<8.00	3	24.00	2.8
S. Farnborough ...	cir,q	cqbc	bcb,cr	Cor,rrbc	53	42	31	Tr	<8.00	3	24.00	2.7
London (Kew Obsy.) ...	cq	cqp,c	bm,	crccrbc	57	44	36	0.1	<8.00	2	1.30	2.9
Croydon	cir,q	cd, bc	bcr,orr	orr,Rc	55	44	40	0.1	<8.00	5	22.00	3.7
Shoeburyness	cr,rcq	cqc	bc	cr,bc	58	42	37	0.5	<8.00	3	3.30	1.7
Clacton-on-Sea ...	cp bcc	cbc	bc	bccpbc	54	46	40	1	<8.00	5	4.30	2.8
Felixstowe	c	c	cbcb	bccrr,	56	45	42	0.2	<8.00	5	1.30	4.5
Lympne	or,forc	c	bccpr,	cpr,orr	54	42	38	0.2	<8.00	6	22.00	3.2
Scilly (St. Mary's) ...	bccp,bc	bccp,	bcbp,	bbcp	54	44	.	0.1	<8.00	0.2	6.30	7.7
Falmouth (Pendennis)	bcprq	bcp,qc	cbc	bcp,	53	45	.	0.3	<8.00	Tr.	5.30	5.4
Plymouth (Cattewater)	coqm,pr	cqprb	cpr,b	cb	54	46	40	0.4	<8.00	Tr.	<21.00	3.9
Portland Bill	bc,	bc	cir,bc	bc	51 50	45	.	.	-	1	22.00	.
Southampton (Calshot)	cqid,d	cQbcqb	bbccqc	crbcb	53	44	42	0.1	<8.00	1	24.00	3.8
Dungeness	cr,ccq	cq	cqcr	orcrrc	53	44	.	0.6	<8.00	5	22.00	.
Guernsey	cpr,qbc	bcpr,	bcbc	cbcq	53	45	.	0.1	<8.00	4	<21.00	8.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Barometer.
2	6th 10h	Hibernia	ENE	7	RR	45	47	6
3	7th 1h	Brighton	SW	4	C+	47	46	7

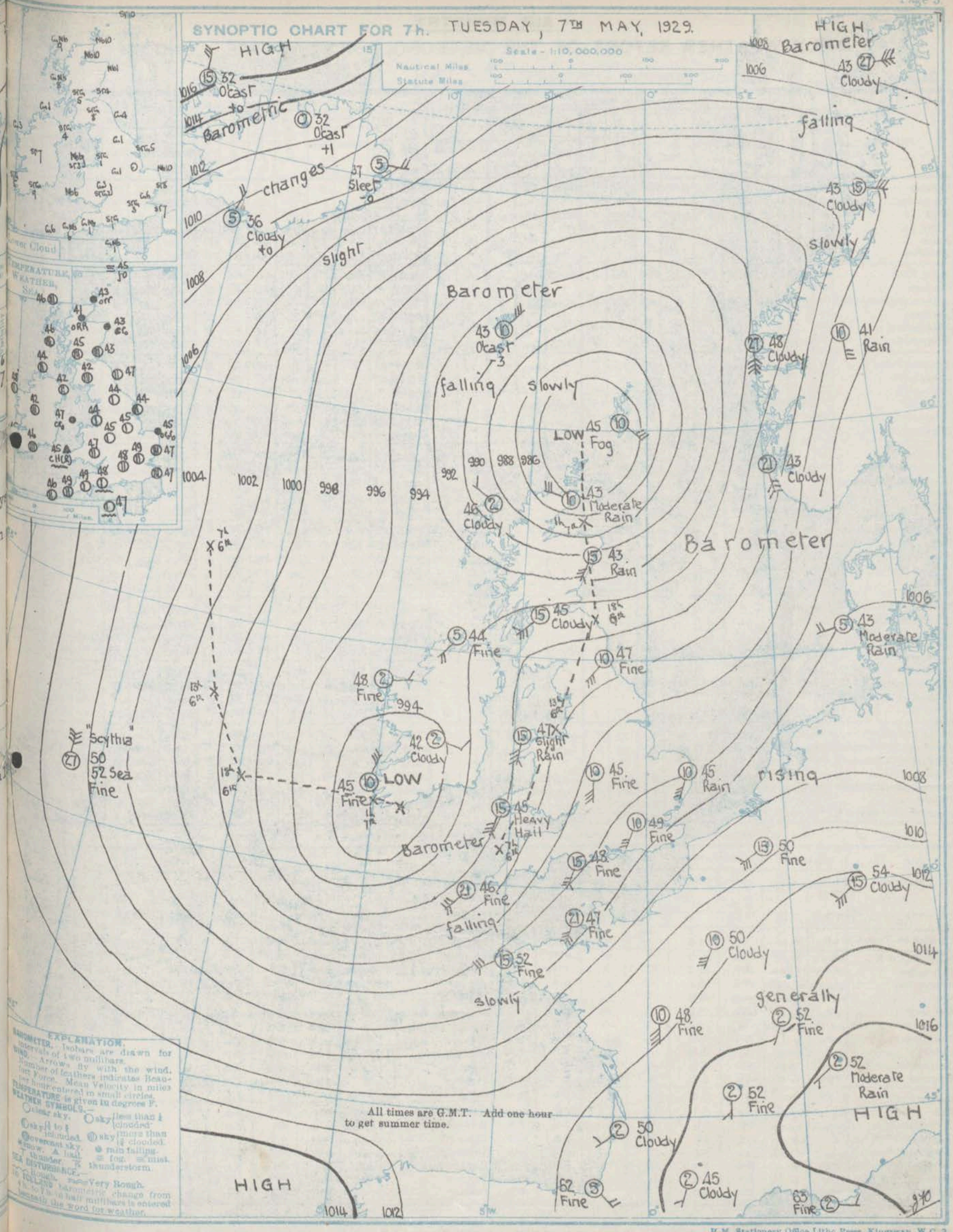
GENERAL INFERENCE.

A depression near the Orkneys is moving slowly northwest and another depression over Southern Ireland is moving slowly south-east. Weather will be showery with local thunder but bright intervals.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Tuesday, 7th May, 1929.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind S.W. to S., moderate or fresh; some thundery showers but considerable bright intervals; moderate temperature.	Some thundery showers, especially over England but bright intervals.
5. S.W. England 6. South Wales 7. North Wales	Wind S.W. to S., moderate oe fresh, becoming variable, light; showery; perhpas local thunder; bright intervals; rather cool.	
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind S.W. becoming S. or variable, moderate to light; bright periods; local thundery showers; moderate day temperature but slight ground frost locally at night.	
13. (A. W. Scotland (B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind W., backing S.W., moderate or fresh; showery, bright intervals; rather low to moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind variable becoming northerly, light or moderate; some thundery showers; bright intervals; moderate day temperature; slight ground frost locally at night.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0925 G.M.T. G. C. Simpson, F.R.S., Director.

† For code see page 5. † Trace = rain has fallen, but amount less than 0.1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Tuesday, 7th May 1929. No. 127

Observations at 1h. G.M.T. 7th

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility‡ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10
Lerwick	54	9878	-7	SE	5	orr	45	97	7	1500	Nb	10	-	10
Stornoway	30	9936	-2	NE	2	cr.r.	*	*	6	*	*	*	*	10
Wick	81	9953	-7	NE	4	orr	45	97	7	1600	Nb	10	-	10
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	61	9940	+1	WSW	3	cjp	44	92	8	4000	CuNb	3	CiSt	10
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	9890	+4	WSW	5	o	43	85	8	1500	St	10	-	10
Leuchars	50	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	704	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	9948	+4	W	2	b-	45	75	8	1500	Cu	2	-	2
Blacksod Point	18	9949	0	NW	3	bc	46	75	7	*	Cu	4	-	4
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	278	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	23	9977	+3	SW'S	3	b	45	85	7	5700	St	1	-	1
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	9990	+2	SW'W	4	bc	43	97	7	-	-	0	Fst	4
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	10006	+2	SW'S	3	b-	41	85	7	-	-	0	-	0
Gorleston	14	10028	+2	S'W	3	bc+	44	86	6	-	-	0	Fst	3
Valentia (Cahirciveen) P	30	9943	-3	NE	2	OR	47	97	8	-	St	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	160	9982	0	SW	3	b-	47	85	8	-	-	0	-	0
Ross-on-Wye	228	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	512	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	257	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	45	*	*	*	*	*	*	*
Croydon	244	10023	+1	S	4	orr	45	92	6	1500	Nb	10	-	10
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	10031	+1	SSE	2	c/br	44	97	7	1500	Stu	8	-	8
Scilly (St. Mary's)	163	10007	-1	SW	6	b	47	75	7	4000	Cu	2	-	2
Falmouth (Pendennis)	200	10002	0	SSW	3	bc-	47	75	8	4000	Cu	3	-	3
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	10012	+1	SW	4	c+	47	92	8	1500	Stu	8	-	8
Southampton (Calshot)	10	10024	+1	WSW	3	cr.	47	85	8	2500	Nb	7	Fst	10
Dungeness	20	10031	+2	SSW	4	orr	47	92	6	1500	Nb	10	-	10
Guernsey (Fort George) P	295	10040	+2	SW	3	bc	45	92	7	2500	Cu	4	-	4

Observations at 7h. G.M.T. 7th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility‡ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sun 0-9
Lerwick	9854	-1	SE	3	SO	45	97	2	1500	St	10	-	10	*
Stornoway	9903	+1	NW	1	C/r	46	85	7	4000	CuNb	9	-	9	0
Wick	9852	+1	WNW	3	Dr'r	43	97	7	1500	Nb	10	-	10	1
Tiree	9942	+1	SSW	4	Cjp	46	97	8	1500	CuNb	8	-	8	4
Nairn	9909	*	-	0	ORR	41	92	7	800	Nb	10	-	10	*
Aberdeen	9920	+5	SW'S	4	cr.	43	85	8	1500	Nb	1	Fst	9	1
Malin Head	9960	+2	SW	2	bc	44	85	9	4000	Cu	1	Ci	6	1
Renfrew	9964	+4	SW	4	C-	45	85	8	2500	Stu	5	Ci	9	*
Edinburgh (Inchkeith)	9942	+6	WSW	4	C	43	75	8	2500	St	4	CiCu	8	2
Leuchars	9948	+7	WSW	6	C	44	75	8	1500	St	1	Fst	9	*
Eskdalemuir	9977	+4	SWW	5	C-	42	85	7	2500	Stu	8	Ci	9	*
Tynemouth	9984	+5	SW	3	bc	47	75	7	1500	Cu	4	-	4	2
Blacksod Point	9957	+1	E	1	bc	48	65	8	*	Cu	3	-	3	1
Donaghadee	9974	+2	-	0	bc-	42	92	8	4000	Stu	4	Fcu	6	0
Birr Castle	9938	*	ESE	1	C-	42	92	6	4000	St	7	CiCu	8	*
Holyhead	9980	+1	S	4	Cr.	47	97	8	1500	Nb	9	-	9	3
Liverpool (Bidston)	10000	+2	SE'E	4	b+	44	75	7	2500	Stu	1	Fcu	1	*
Chester (Sealand)	9999	+2	ESE	3	bc+	43	85	6	4000	Stu	2	Fcu	3	*
Harrogate	10006	+3	SSW	4	b	44	75	7	~~800~~ 1500	Cu	1	-	1	*
Spurn Head	10020	+2	SW	3	bc+	44	92	6	5700	Stu	6	CiSt	7	3
Birmingham (Edgbaston)	10025	+2	S	3	b	45	75	8	2500	Cu	1	-	1	*
Cranwell	10024	+2	SSE	2	b-	45	92	6	-	-	0	Ci	1	*
Gorleston	10034	+2	SSW	3	or.r.	45	92	6	1500	Nb	10	-	10	0
Valentia (Cahirciveen) P	9980	+3	NNE	3	bc	45	75	8	1500	Stu	5	Fcu	6	3
Roches Point	9936	0	SE	2	C	46	85	7	2500	Stu	9	-	9	4
Pembroke (St. Ann's H.)	9970	-2	SSW	4	CHR)	45	97	6	800	Nb	6	CiSt	9	6
Ross-on-Wye	10005	+1	SSW	3	bc	47	75	8	4000	Cu	5	-	5	*
Leafield	10028	+2	S	3	b	43	92	8	2500	Cu	1	-	1	*
Winchester (Worthy Dn.)	10040	+2	S	4	bc	46	92	7	4000	Stu	3	-	3	*
S. Farnborough	10042	+4	SW	3	bc	48	85	8	800	Stu	3	-	3	*
London (Kew Obsy.)	10048	+4	SSW	3	bc+	49	85	6	2500	Cu	6	CiSt	7	*
Croydon	10048	+4	S'W'W	3	c	47	85	7	1500	St	8	-	8	
Shoeburyness	10051	+3	SW	2	bc/r	47	92	6	1500	St	5	Fst	7	*
Clacton-on-Sea	10042	+3	SSW	4	bc	47	92	7	2500	Nb	7	-	7	3
Felixstowe	10046	+4	SW'S	4	c/r	47	85	8	450	St	8	Fst	9	3
Lympne	10055	+3	SSW	4	cr.	46	97	7	450	St	9	-	9	*
Scilly (St. Mary's)	9980	-2	SW'S	5	bc	46	92	7	4000	Cu	6	-	6	5
Falmouth (Pendennis)	9993	-1	SSW	4	bc+	49	75	8	4000	CuNb	6	-	6	2
Plymouth (Cattewater)	10012	0	S	6	b-	49	85	8	4000	CuNb	1	Fcu	1	4
Portland Bill	10025	+1	SSW	4	b-	48	85	8	2500	Stu	1	-	1	6
Southampton (Calshot)	10048	+5	SW	5	b	49	85	8	2500	Cu	1	-	1	0
Dungeness	10056	+4	SW	4	C	47	92	8	800	St	7	Fcu	10	4
Guernsey (Fort George) P	10051	+2	SSW	5	b-	47	85	8	2500	CuNb	1	Fcu	2	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 6th MAY 1929

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. 9h.-5th to 9h. 6th °F	Temperature Max. 9h.-17h. 6th °F	Rainfall† Night 17h.-9h. 5th-6th mm.	Rainfall† Day 9h.-17h. 6th mm.	Sunshine Sunrise to 17h. 6th hr.	Sunshine Sunrise to Sunset 5th hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	oR	Ro	39	56	-	8	0·0	9·7
Douglas (I. o. M.)	oRoc	bqr	42	45	4	5	0·4	8·3
Llandudno	rer	rebcc	44	50	9	3	1·4	7·8
Colwyn Bay	cbcro	orocb	45	52	10	2	0·1	6·3
Rhyl	cr	bc	44	56	17	3	0·6	3·8
Wallasey	oRc	iRc	44	56	5	4	0·7	3·7
Southport	ocP	ccpoc	*43	56	6	4	0·9	5·7
Blackpool	orc	pc	44	55	6 ~~46~~	~~43~~ 3	1·4	6·2
Ilkley	or	cro	37	54	10	3	0·1	2·0
Cleethorpes	opc	co	46	58	4	Trace	1·0	0·9
Skegness	oprc	coc	46	55	6	Trace	2·9	0·0
Aberystwyth	rpc	bc	45	50	3	2	1·0	3·0
Bath	cpbc	cpobc	50	57	10	1	1·9	0·0
Cheltenham‖	cqoir	becr	49	58	10	2	2·5	0·0
Leamington Spa	c	cbor	48	58	6	2	1·2	0·0
Lowestoft	cbcc	cbcc	46	56	7	-	4·0	0·0
Harwich & Dovercourt	ro	bc	48	56	8	-	5·6	0·0
Maldon	rc	c	50	58	10	-	0·7	0·0
Southend	c	coc	50	55	6	-	1·6	0·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	roqc	cbc	?	52	?10	0·4	4·0	0·0
Penzance	cirb	bc	46	54	17	0·5	6·2	0·0
Paignton	ocmp	cdpbc	48	56	14	Trace	4·8	0·0
Torquay	odpc	bcby	48	56	7	Trace	5·5	0·0
Jersey	pcbc	bcc	49	54	0·3	-	5·7	0·0
Weymouth	roc	bcb	48	54	9	0·1	3·3	0·0
Bournemouth	obc	bc	47	54	11	-	2·3	0·0
Ventnor	oru	orb	47	50	5	Trace	3·6	0·0
Portsmouth (S'thsea)	o	bcb	50	54	15	-	3·3	0·0
Bognor	oc	bcb	48	62	12	-	3·4	0·0
Littlehampton	c	cbc	49	51	7	-	3·1	0·0
Worthing	cpc	bc	48	53	6	Trace	2·8	0·0
Brighton	o	cbc	48	51	7	-	2·1	0·0
Eastbourne‖	oco	bcc	48	55	7	-	2·0	0·0
Hastings‖	copc	cbcc	48	53	8	0·3	1·5	0·0
Folkestone	oroc	cbc	47	54	12	-	3·9	0·0
Dover	cbcpcbc	bcc	47	54	11	Trace	3·8	0·0
Tunbridge Wells	o	coc	48	54	14	Trace	2·6	0·0
Ramsgate	bc	bc	47	56	7	-	?	0·0
Margate	bc	bc	49	59	7	-	6·8	0·0
Deal	rcbc	bbc	48	58	2	-	7·5	0·0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station ‡ For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ♣ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24639 Wednesday 8th May 1929. Page 1.

Observations at 13h. G.M.T. 7th .... / Observations at 18h. G.M.T. 7th ....

Stations (For heights see p. 4).	13h Barom. at M.S.L. mb.	13h Change in 3 Hours‡	13h Wind Direc.	13h Wind Force 0-12	13h Weather	13h Temp. °F.	13h Humidity %	13h Visibility§ 0-9	13h Low Cloud Height Feet	13h Low Cloud Form	13h Low Cloud Amt. 0-10	13h Upper Form	13h Total Amt. 0-10	State of ground	18h Barom. at M.S.L. mb.	18h Change in 3 Hours‡	18h Wind Direc.	18h Wind Force 0-12	18h Weather	18h Temp. °F.	18h Humidity %	18h Visibility§ 0-9	18h Low Cloud Height Feet	18h Low Cloud Form	18h Low Cloud Amt. 0-10	18h Upper Form	18h Total Amt. 0-10	Sea 0-9
Lerwick	984.7	-1	S'W	3	mo	46	97	4	1500	St	10	-	10	•	993.6	+15	SW	4	c	47	85	7	1500	Cu	5	A Cu	10	•
Stornoway	993.2	+3	N W	1	c+	51	65	8	4000	CuNb	10	-	10	•	995.7	+3	SSW	2	c+	50	65	8	4000	CuNb	9	-	9	1
Wick	993.5	+8	WNW	4	c	49	85	8	1500	CuNb	10	-	10	•	996.7	+5	W	3	bc	50	92	8	2500	CuNb	5	Ci Cu	7	1
Tiree	996.6	+2	W	3	bc	51	85	9	2500	Cu	5	-	5	0	997.7	+1	W	3	bc	50	85	9	2500	Cu	4	-	4	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	997.5	•	W	2	bc-	54	55	8	4000	Cu	2	Ci Cu	5	•
Aberdeen	997.1	+4	SW	4	bc	57	55	8	2500	Cu	4	Ci	6	1	999.8	+3	S	3	bcjp	50	75	7	2500	CuNb	3	A Cu	5	0
Malin Head	997.8	+2	NE	3	bc	48	75	9	4000	Cu	4	A Cu	6	•	999.1	+2	NNE	2	bc	48	75	9	4000	Cu	2	Ci Cu	6	1
Renfrew	999.0	+2	SW	3	c/pr0	51	75	7	4000	Cu	9	-	9	1	999.4	0	S	3	bcjp	50	75	8	2500	Cu	7	-	7	•
Edinburgh (Inchkeith)	997.6	+3	WSW	3	c	49	75	8	4000	Cu	5	A St	9	•	998.6	0	SW	2	c	51	65	8	1500	Cu	5	A Cu	9	4 0
Leuchars	998.4	+3	SSW	4	cr0	52	65	8	4000	StCu	9	-	9	1	1000.1	0	SW	2	bc	53	65	7	5700	Cu	4	Ci	5	•
Eskdalemuir	999.1	+1	SSW	5	c/pr0	49	65	7	2500	StCu	9	-	9	2	999.8	+2	S	4	c/pr0	48	75	8	2500	StCu	9	-	9	•
Tynemouth	999.0	+1	~~NW'N~~ SW	3	bc	56	45	7	1500	Cu	5	-	5	•	1000.7	+2	SW	3	bc/pr0	51	65	6	1500	CuNb	7	-	7	2
Blacksod Point	997.1	+1	W	2	bc	52	55	9	•	Cu	5	-	5	•	999.4	+1	N	3	bc	51	65	9	•	Cu	6	-	6	3
Donaghadee	997.9	+1	S'E	3	bc/pr0	47	92	8	2500	CuNb	6	-	6	•	996.8	+1	S'E	3	bc-	47	85	8	2500	CuNb	3	Ci	5	3
Birr Castle	994.7	•	ENE	1	c/pr0	52	85	8	4000	CuNb	9	-	9	•	996.3	•	NNE	1	c/PR	48	75	8	4000	Nb	9	-	9	•
Holyhead	999.0	+1	S'W	4	cR0	48	92	6	1500	CuNb	9	-	9	1	999.0	0	S'E	3	cR	48	92	6	1500	CuNb	9	-	9	1
Liverpool (Bidston)	999.5	0	S'E	5	bc+	55	55	7	1500	StCu	6	-	6	•	1000.0	0	SE	4	cr0r0	46	85	8	1500	CuNb	9	Ci St	9	•
Chester (Sealand)	999.5	0	S'E	4	bc/PR	56	55	8	4000	CuNb	4	Ci	7	1	1000.3	+1	SE	3	crr	46	92	6	1500	Nb	9	-	9	•
Harrogate	1001.1	+1	S'W	4	bc	55	45	7	4000	Cu	5	-	5	•	1001.5	+1	S	2	bc	50	65	5	2500	St	1	Ci Cu	6 4	•
Spurn Head	1003.1	0	SW	4	bc	59	65	7	4000	Cu	6	-	6	•	1003.2	0	S	4	bc/r	49	85	7	4000	CuNb	3	A Cu	7	3
Birmingham (Edgbaston)	1001.9	0	S	5	bc+	54	55	8	2500	Nb	7	-	7	1	1002.0	0	SSE	4	c+	51	55	8	2500	CuNb	8	-	8	•
Cranwell	1003.5	0	S	5	cr0r0	55	55	8	2500	Cu	8	-	8	1	1003.5	0	S	5	bc	54	65	8	2500	Cu	7	-	7	•
Gorleston	1006.4	+2	SSW	5	bc	54	65	6	4000	Cu	5	-	5	•	1006.6	0	S	5	bc+	53	65	7	-	-	0	Ci Cu	6	1
Valentia (Cahirciveen)	997.0	+4	NW'N	5	bc	50	65	8	2500	Cu	4	-	4	1	1000.5	+4	NWW	4	bc	49	65	9	4000	Cu	3	Ci Cu	5	3
Roches Point	995.6	+8	W	3	cr	46	92	7	1500	Nb	8	-	8	•	998.3	+4	WNW	4	cr	47	92	7	1500	Nb	8	-	8	4
Pembroke (St. Ann's H.)	997.1	0	SSW	5	cH(R)	46	92	6	800	CuNb	10	-	10	•	997.2	0	SSW	3	ch(r)	47	92	7	800	CuNb	8	-	8	3
Ross-on-Wye	1001.4	+1	S	~~5~~ 4	c+	54	55	7	4000	CuNb	7	Ci	8	1	1001.3	0	S	4	bc	51	65	8	4000	CuNb	2	Ci	6	•
Leafield	1002.3	+1	S'W	6	bc/pr0	54	65	9	5700	Cu	7	-	7	1	1002.6	0	S	6	bcjp	50	65	9	4000	CuNb	7	-	7	•
Winchester (Worthy Dn.)	1004.5	0	S	6	c	55	55	8	2500	Cu	8	-	8	2	1004.6	0	S'E	5	c	51	65	8	2500	Cu	7	Ci	8	•
S. Farnborough	1005.3	+1	SSW	5	c/pr0	53	55	8	4000	CuNb	9	-	9	2	1005.0	0	S	5	bc	52	65	8	2500	CuNb	6	Ci	7	•
London (Kew Obsy.)	1005.6	0	SSW	5	cjp	56	55	8	1500	StCu	9	-	9	1	1005.9	0	S	4	bc⊕	54	55	8	2500	Cu	2	Ci	7	•
Croydon	1006.2	+1	SSW	5	c+	54	65	8	2500	Cu	9	-	9	1	1006.0	-1	SSW	3	c+	52	65	8	2500	StCu	3	Ci St	9	•
Shoeburyness	1007.9	+2	SW	5	bc	57	55	8	4000	Cu	2	A Cu	3	•	1006.9	0	SSW	3	c+	52	65	8	-	-	0	A St	8	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.3	0	S	5	bc	52	75	7	-	-	0	A Cu	6	3
Felixstowe	1007.5	+3	S'W	5	bc+	54	75	9	2500	Cu	3	-	3	1	1007.4	0	S	4	c	51	75	8	4000	StCu	2	Ci	8	3
Lympne	1007.7	+1	S	5	bc-	53	65	8	2500	Cu	3	-	3	0	1007.9	+1	S'E	4	cr0r0	47	85	8	4000	Nb	9	-	9	•
Scilly (St. Mary's)	999.3	+1	SW	7	bc/PR	46	85	7	4000	CuNb	6	-	6	•	1001.9	+2	W	6	bc	47	85	8	4000	Cu	5	-	5	5
Falmouth (Pendennis)	999.2	0	SSW	6	bc	51	75	8	4000	CuNb	6	-	6	•	1001.0	+2	SW	6	bc/PR	49	85	8	2500	CuNb	4	Ci Cu	6	4
Plymouth (Cattewater)	1001.6	0	S	6	bc	51	75	8	2500	CuNb	2	Ci	4	2	1001.7	+1	SSW	6	bc/PR	48	85	8	2500	CuNb	6	Ci	6	5
Portland Bill	1005.2	+3	S	4	bc	51	75	8	2500	StCu	3	-	3	•	1003.7	0	S	5	bc	49	85	8	2500	CuNb	1	Ci	3	6
Southampton (Calshot)	1005.8	+1	SW'S	5	bc	53	65	8	1500	Cu	5	-	5	2	1005.1	0	SSW	4	bcjp	52	75	8	4000	CuNb	7	-	7	0
Dungeness	1008.7	+5	SW	3	bct	53	75	8	2500	Cu	4	-	4	•	1008.3	0	SW	3	cr	48	92	8	2500	Nb	5	A Cu	9	4
Guernsey (Fort George)	1005.3	0	S'W	5	bcjp	51	75	9	2500	CuNb	4	Ci St	7	•	1005.7	+1	SSW	4	bc-	~~48~~ 49	85	8	2500	CuNb	3	Ci St	7	4

LONDON OBSERVATIONS. Day 7h-18h., Kew & Croydon. 9h-18h., Kensington. 9h-21h., other stations.

Station	Height above M.S.L. in feet	Weather: Morning (24 hours ended 9h.)	Weather: Afternoon	Weather: Night	Temperature: Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	bcy	cpbcy	bcy	57	46	42	Tr.	-	9.8	•	•	7
Croydon	264	bccpr0	cPRq	cbcr0	55	46	39	0.2	Tr.	8.5	•	•	8
Greenwich (Royal Obsy.)	149	bcpy	bcpc⊕	cbcwp	61	44	35	0.3	0.3	8.7	58	61	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	7.3	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	57	47	•	/		8.6	58	61	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	7.6	•	•	•
Camden Square	110	c	cpbc	•	57	46	•	Tr.	-	•	•	67	•
Kensington Palace	20	bcb	bc	•	58	47	38	Tr.	Tr.	•	(At 18h) 57	71	•
Hampstead Observatory	450	•	•	•	55	43	37	0.3	0.3	8.5	•	85	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 8th.....

South Kensington Max.	Time.	Min.	Time.
0.6	8h 7th	<0.3	3h 8th

Kew Observatory Max.	Time.	Min.	Time.
0.1	7h 8th	<0.1	Rest of period

POLE STAR RECORD at Greenwich Obsy.

Exposure from 7th 20 h. 45 m. to 8th 3 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	6.15	5.57	95
δ Ursae Minoris	6.15	5.34	89

CODE FOR STATE OF GROUND.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

8th & 9th May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.11 / 4.9	11.60 / 11.49	19.29 / 19.31
Greenwich	4.22 / 4.20	11.56 / 11.56	19.32 / 19.33
Wick	4.5 / 4.2	12.9 / 12.9	20.15 / 20.17
Valentia	5.1 / 5.0	12.37 / 12.37	20.15 / 20.16

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♉ = lunar halo.
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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.
0 = no swell, 1 = mod. swell, 2 = heavy swell } Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

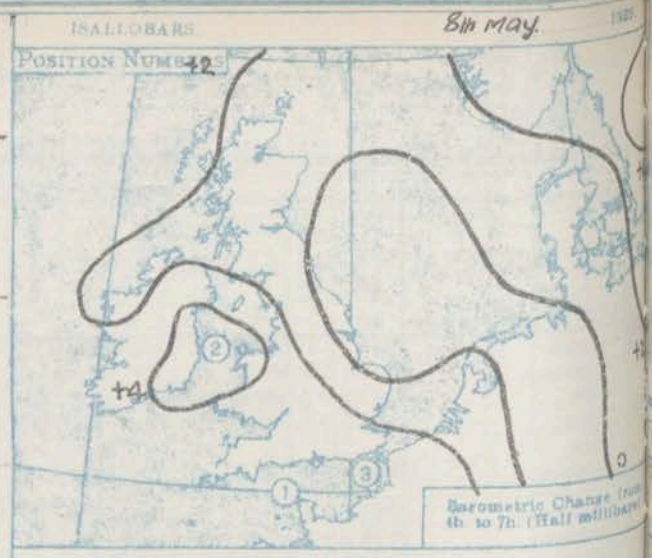
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 miles.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather 7h.-18h. 7th	Weather 18h.-18h. 7th	Weather 18h. 7th. to 1h. 8th.	Weather 1h.-7h. 8th	Temperature Max. Day 7h.-18h.	Temperature Min. Night 18h.-7h.	Temperature Min on Grass	Rainfall† Day 7h.-18h. mm.	Rainfall† Day 7h.-18h. began.	Rainfall† Night 18h.-7h. mm.	Rainfall† Night 18h.-7h. began.	Sun 7th Hours.
Lerwick	oid.fom	omirc	cbc	bcc	48	43	.	2	<8.00	-	-	0.0
Stornoway	o	c	c	c	53	40	.	0.2	<8.00	-	-	3.2
Wick	otrc	cprbc	bbc	c	54	40	.	8	<8.00	-	-	.
Tiree	cbc	bc	bc	prc	52	38	29	-	-	2	2.30	10.7
Nairn	rcbc	bc	bcwc	cbc	55	37	.	2	<8.00	-	-	6.4
Aberdeen	circbq	bc	bcprbb	bcmb	57	36	28	Tr	<8.00	Tr.	<21.00	7.9
Malin Head	bcv	bcv	bcb	bbccpr	51	41	.	-	-	1	2.30	12.4
Renfrew	c	crPR	bcpc	cpor r	53	43	36	2	12.30	4	<21.00	5.9
Edinburgh (Inchkeith)	cpr	cpr	c	cor.r.	53	43	42	0.3	11.00	0.3	24.00	7.8
Leuchars	bcybc	bccpR	bccPRbc	bcc	55	42	38	2	12.30	2	<21.00	6.8
Eskdalemuir	cpr	bcy cpr	cipr	c	54	39	39	1	9.00	2	<21.00	4.2
Tynemouth	bc	bcpq	cpqc	bc	59	43	39	Tr	16.30	0.6	<21.00	.
Blacksod Point ...	bc	bc	pqbc	pqbc	52	40	.	-	.	3	.	.
Donaghadee	iRHc	prbc	bc	cir.	50	42	.	6	9.00	0.2	5.30	.
Birr Castle	cp	cp	cp.	cp.b	52	40	36	8	<8.00	3	<21.00	2.1
Holyhead	irPR	cPR	cPR	CPR	51	43	40	5	<8.00	11	<21.00	2.9
Liverpool (Bidston) ...	bbcc	rcr.	cpbcc	cp.p	55	41	38	2	13.30	2	<21.00	7.3
Chester (Sealand) ...	bcq	KQPRH	ir.c	irc	57	40	36	3	12.30	1	<21.00	7.3
Harrogate	bbc	bcc	bcc	bccP	58	41	37	Tr	15.30	1	4.30	10.6
Spurn Head	b-bc	bcqpr	bc	bc	60	44	.	0.1	17.30	-	-	10.2
Birmingham (Edgbaston)	bprbc	bcpr	CPR	c	56	41	39	0.1	9.00	1	<21.00	10.0
Cranwell	bc	cp bc	bcb	bbc	59	39	34	Tr	14.30	-	-	11.2
Gorleston	orcbc	bcq	bccq	bccq	58	45	43	0.4	<8.00	-	-	7.2
Valentia (Cahirciveen)	bccpbc	bcv	cir.	cphb	51	44	40	1	9.00	1	22.00	8.4
Roches Point	cir	cirPHcir	circ	cbcb	52	44	.	8	9.00	2	<21.00	.
Pembroke (St. Ann's H.)	cbcPHq	cbcPH	cir	ciR	49	44	.	5	<8.00	2	1.30	5.8
Ross-on-Wye	bcpbc	cirbcPbc	cgtLRHC	c.p.0.r	56	43	39	3	11.00	3	<21.00	10.2
Leafield	bccpbc	prbcv	pbc	bcpv	55	40	37	0.1	9.00	0.2	<21.00	9.6
Winchester (Worthy Dn.)	bccy	cy	cprbcpr	bccpr.	55	42	39	-	-	0.6	<21.00	9.1
S. Farnborough ...	bcpr	cpbcy	bc	bccr.r	56	44	39	Tr	9.00	0.2	6.30	10.0
London (Kew Obsy.) ...	bccy	cpbcy	bcy	bc	57	46	42	Tr	13.30	-	-	9.8
Croydon	bccpr	cPRq	cbc	bcr.cbc	55	46	39	0.2	11.00	Tr.	1.30	8.5
Shoeburyness	bcby	bcyc	bc	bcbc	58	44	42	-	-	-	-	8.5
Clacton-on-Sea ...	bc	bc	bc	bc	54	47	44	-	-	-	-	9.0
Felixstowe	cbcpbv	bcbvc	c	cbc	55	46	44	Tr	9.00	-	-	9.4
Lympne	cbccbc	bcpr	bccpr.	cpr.bc	54	44	41	0.1	14.30	Tr.	<21.00	8.6
Scilly (St. Mary's) ...	bcP	bcp	bcp	bcpb	53	43	.	3	<8.00	0.6	<21.00	8.8
Falmouth (Pendennis)	bcq	bcpr	bcPRq	bcp.	52	43	.	2	12.30	2	<21.00	9.6
Plymouth (Cattewater)	cqprbc	bqcPR	bcqpr.b	cprqbv	54	45	41	1	9.00	0.5	<21.00	8.1
Portland Bill	bc	bc	bv	bc	52	47	.	-	-	-	-	.
Southampton (Calshot)	bc	bc	bcb	bbc.cpb	55	46	44	-	-	Tr.	6.30	11.4
Dungeness	bc	bccr	cr.bc	bcbc	53	46	.	0.3	14.30	Tr.	22.00	.
Guernsey	bbcpqv	bcqcpr	bcbq	b	52	45	.	0.5	11.00	-	-	11.7



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	7th 10h	Hibernia	S	5	c	49	47
1	" 12h	St. Helier	SSW	6	bc-	56	49
3	8th 1h	Dieppe	SW	4	bc-	60	45

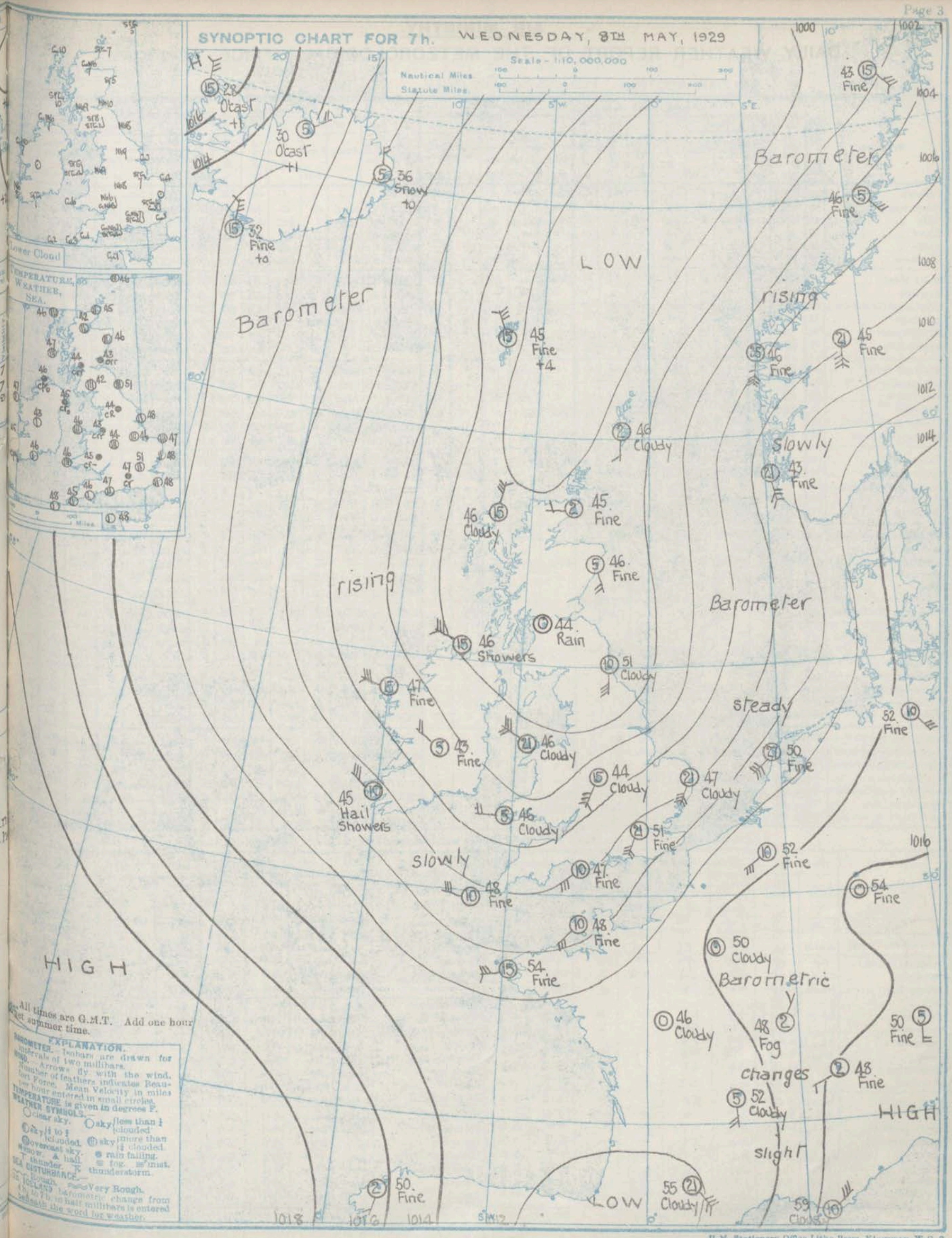
GENERAL INFERENCE.

A trough of low pressure over the British Isles is moving slowly eastwards and filling up, and is being followed by a wedge of high pressure. Weather will be showery at first with local thunder, but subsequently there will be a short interval of fine weather.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Wednesday, 8th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind S.W., fresh, squally, veering W. becoming moderate to light; some thundery showers at first with bright intervals; fine later; rather cool, with slight ground frost locally at night.	Unsettled weather spreading in again from the West.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind N.W., moderate, fresh locally at first, backing W. later; some showers at first but bright intervals; becoming mainly fine; rather cool, with slight ground frost locally at night.	
9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind mainly W. to N.W., light or moderate; thundery showers, bright intervals; mainly fine later; rather cool, with slight ground frost locally at night.	
13. (A. W. Scotland (B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland	Wind N.W., backing S.W., moderate; showers and bright intervals; improving temporarily but deteriorating again tomorrow; rather cool.	
16. Orkneys and Shetlands	As 9 - 12.	
17. N.W. Ireland	As 13.	
18. N.E. Ireland 19. S.E. Ireland	As 5 - 8.	
20. S.W. Ireland	As 13.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0920 G.M.T. G. C. Simpson, F.R.S. Director.

† For code see page 1. † Trace = rain has fallen, but amount less than 0.1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION....Wednesday 8th May.....1929. No.123....

Observations at 1h. G.M.T. 8th

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	998.6	+5	S	2	bc	45	85	8	1500	Stcu	3	-	3
Stornoway	38	999.5	+2	-	0	bc	•	•	7	•	•	•	•	6
Wick	81	998.9	+1	SSW	2	bc	43	97	8	2500	CuNb	5	-	5
Tiree	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	81	1000.5	0	NNW	3	b	47	85	8	4000	Cu	2	-	2
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	999.7	0	SE	3	or	45	85	8	1500	St	10	-	10
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1001.1	+1	S	1	bc-	45	85	7	1500	Cu	6	-	6
Blacksod Point ...	18	1003.6	+2	N	5	bc	46	65	6	•	CuNb	6	-	6
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	999.5	0	SSW	1	bc/r	43	97	6	1500	St	5	-	5
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	476	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1003.4	0	SSW	4	bc	46	92	7	-	-	0	Fst	3
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1003.9	-1	SSE	4	b	42	92	6	4000	Stcu	1	-	1
Gorleston	14	1007.4	-1	SW	4	b-	47	92	7	-	-	0	Fst	2
Valentia (Cahirciveen)‡	30	1006.8	0	NNW	5	bc/pr	46	97	8	-	CuNb	7	-	7
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	999.6	+1	WSW	5	c/r	46	97	7	800	CuNb	6	CiCu	9
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	257	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	47	•	•	•	•	•	•	•
Croydon	344	1006.9	0	SSW	3	bc+	46	85	7	2500	Stcu	4	-	4
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1008.3	0	SW	3	c/pr	45	92	7	2500	Stcu	8	-	8
Scilly (St. Mary's) ...	163	1007.0	+2	WS	5	bc	45	85	8	4000	Cu	7	-	7
Falmouth (Pendennis)	200	1005.5	+2	WSW	3	bc/pr	45	97	8	2500	CuNb	5	-	5
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1005.3	+1	SSW	5	b	48	85	9	-	-	0	-	0
Southampton (Calshot)	10	1006.3	+1	SWW	5	b	49	85	8	2500	CuNb	1	-	1
Dungeness	20	1008.5	0	SW	3	bc-	47	92	8	2500	Cu	3	-	3
Guernsey (Fort George) ‡	295	1008.7	+1	SSW	3	b-	47	92	7	-	-	0	-	0

Observations at 7h. G.M.T. 8th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1000.4	+1	S	1	c	46	92	7	1500	Stcu	5	Fst	9	•
Stornoway	1000.7	+3	NNE	4	c	46	85	8	4000	Cu	10	-	10	2
Wick	1000.3	+1	W	1	bc	45	92	8	2500	Stcu	7	-	7	0
Tiree	1000.8	+2	N	2	c	47	92	8	1500	Stcu	10	-	10	1
Nairn	1000.5	•	-	0	bc+	42	85	8	2500	CuNb	7	-	7	•
Aberdeen	1001.2	+1	SSE	2	bc	46	92	5	1500	St	5	Ci	6	0
Malin Head	1002.0	+2	NW	4	c/pr	46	85	8	4000	CuNb	7	Fcu	8	1
Renfrew	1001.0	+1	-	0	crr	44	97	5	800	Nb	9	Fst	10	•
Edinburgh (Inchkeith)	1000.4	+1	WNW	2	orr	43	97	7	800	Nb	10	-	10	0
Leuchars	1000.4	+1	SE	1	c	47	85	8	4000	Stcu	6	Ci	8	•
Eskdalemuir	1000.6	+1	-	0	c	42	92	7	2500	St	10	-	10	•
Tynemouth	1000.5	0	S	3	c+	51	85	6	1500	Nb	8	-	8	1
Blacksod Point ...	1005.3	+1	WNW	4	bc	47	75	8	•	CuNb	7	-	7	4
Donaghadee	1001.8	+3	W	2	cr	45	85	8	2500	Nb	4	Fcu	8	2
Birr Castle	1005.7	•	NW	2	b	43	75	8	-	-	0	CiCu	1	•
Holyhead	1002.5	+5	NWW	5	c	46	92	8	1500	St	9	-	9	3
Liverpool (Bidston) ...	1001.5	+3	WS	4	crr	43	85	8	2500	Nb	9	CiSt	9	•
Chester (Sealand) ...	1001.4	+4	SW	2	c	46	85	6	1500	Nb	6	Ci	8	•
Harrogate	1001.4	0	SSW	3	cR	44	85	5	2500	Nb	9	Fst	10	•
Spurn Head	1007.8	0	SW	5	bc	48	85	7	4000	Cu	3	Ci	5	3
Birmingham (Edgbaston)	1004.5	+3	SSW	4	c	44	85	8	1500	Nb	8	-	8	•
Cranwell	1004.3	+1	SSW	5	c+	46	75	8	1500	Stcu	7	Ci	8	•
Gorleston	1007.7	0	SSW	5	c	47	85	6	4000	Cu	4	Ci	8	1
Valentia (Cahirciveen)‡	1002.4	+3	NWN	3	c/pr	45	75	8	1500	Nb	8	Fst	9	4
Roches Point	1007.8	+4	N	3	b	46	92	8	2500	Stcu	1	-	1	0
Pembroke (St. Ann's H.)	1005.2	+4	W	2	c/r	46	92	8	2500	Cu	6	CiSt	8	3
Ross-on-Wye	1004.9	+3	SW	4	cr-	45	85	7	2500	Nb	9	-	9	•
Leafield	1005.5	+2	SSW	5	bc	45	75	9	2500	Cu	7	-	7	•
Winchester (Worthy Dn.)	1007.7	+2	SSW	3	cr	47	85	8	2500	CuNb	7	Ci	8	•
S. Farnborough ...	1008.0	+3	SSW	4	cr	47	85	8	2500	CuNb	9	-	9	•
London (Kew Obsy.) ...	1008.4	+3	SWS	5	bc	51	75	8	1500	Stcu	7	-	7	•
Croydon	1008.5	+3	SWS	5	bc-	49	75	8	1500	Cu	6	-	6	•
Shoeburyness	1008.7	+1	SW	4	bc+	50	85	8	4000	St	4	Ci	5	•
Clacton-on-Sea ...	1008.7	+2	S	4	bc	48	92	7	-	-	0	Ci	7	3
Felixstowe	1009.0	+3	SSW	5	bc	49	85	9	-	-	0	Ci	6	4
Lympne	1008.4	+2	SW	5	bc+	48	92	6	800	St	7	-	7	•
Scilly (St. Mary's) ...	1008.5	+2	WNW	3	b	48	75	8	4000	Cu	2	-	2	2
Falmouth (Pendennis)	1007.0	+2	SWW	1	bc	45	92	9	4000	Cu	3	Ci	4	0
Plymouth (Cattewater)	1008.3	+3	W	4	b-	46	85	9	2500	Cu	1	Ci	1	1
Portland Bill	1007.1	+2	SW	3	bc+	47	85	8	2500	Stcu	7	-	7	5
Southampton (Calshot)	1008.7	+3	WSW	4	bc/p	50	75	5	1500	CuNb	6	Ci	7	3
Dungeness	1009.7	+2	SW	4	bc	48	92	8	2500	Cu	3	CiCu	5	4
Guernsey (Fort George) ‡	1009.7	+3	SW	3	b+	48	92	8	2500	Cu	1	FCu	2	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 7th May

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 6th to 9h. 7th	Temperature. Max. 9h.-17h. 7th	Rainfall.† Night 17h.-9h. 6th-7th	Rainfall.† Day 9h.-17h. 7th	Sunshine. Sunrise to 17h. 7th	Sunshine. Sunrise to Sunset. 6th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	cbcb	bc	40	57	-	-	8.1	0.1
Douglas (I. o. M.) ...	cp	cp	41	49	4	3	1.8	0.7
Llandudno ...	cbcc	pcrc	41	57	0.3	2	4.2	2.8
Colwyn Bay ...	bbcb	bbcpc	42	58	-	1	5.0	1.0
Rhyl					-			
Wallasey	bbcc	bccir	39	57	-	2	7.5	0.7
Southport	bbcc	cbcopcor	*39	59	-	2	7.3	1.0
Blackpool	cbcc	cpcu	39	58	-	1	8.2	1.4
Ilkley	bbc	bcrp	38	58	0.2	Trace	9.6	0.1
Cleethorpes	b	pbcb	36	61	-	0.2	8.3	1.0
Skegness	copric	cprtbc	42	58	0.2	0.2	7.6	3.4
Aberystwyth ...	bcpr	prc	40	50	-	3	6.3	3.1
Bath	bc	bcp	38	56	4	0.3	8.6	3.7
Cheltenham‖ ...	bccp	bcpqr	42	57	-	1	~~6.0~~ 10.0	2.5
Leamington Spa ...	c	bc	40	57	-	-	9.9	2.7
Lowestoft	cbcc	cbc	44	57	3	-	7.7	4.0
Harwich & Dovercourt	rbc	bc	44	56	5	-	8.8	5.6
Maldon	rbc	pbc	?	59	5	Trace	6.5	0.7
Southend	b	bbc	45	58	4	-	8.3	2.1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	bcpbc	bcpt1	45	54	1	4	6.3	4.0
Penzance	bir	boir	42	54	1	3	5.3	6.8
Paignton	pob	bcrhpbr	40	55	Trace	1	8.8	5.5
Torquay	bc	bccphq	44	55	Trace	2	9.5	6.3
Jersey	rqbc	rqbc	45	53	6	2	8.0	6.8
Weymouth	b	b	45	55	0.2	-	11.9	4.6
Bournemouth ...	b	bbc	45	56	1	-	10.0	4.2
Ventnor ...	rbcb	bcb	44	58	1	-	10.5	5.3
Portsmouth (S'thsea)	b	b	45	55	1	-	11.3	5.1
Bognor	b	bcrb	46	52	3	Trace	10.2	5.0
Littlehampton ...	bc	bc	46	53	3	-	9.3	5.1
Worthing	bbc	cpc	46	55	2	0.3	8.8	4.5
Brighton	bcp	cbcpc	46	53	3	Trace	8.8	3.8
Eastbourne‖	bbcc	cpoc	45	54	6	0.1	8.0	3.9
Hastings‖	bbcb	bbcpc	44	54	7	0.3	8.2	1.5
Folkestone	rpbc	bcpc	44	54	4	0.4	8.5	4.0
Dover	bcb	bbcc	45	54	5	-	8.5	3.9
Tunbridge Wells ...	bc	bcc	43	55	4	-	7.7	4.0
Ramsgate	bcb	bbc	45	54	4	-	9.6	~~4.1~~ ?
Margate	bc	bc	45	57	5	-	9.5	7.5
Deal	pbc	bc	44	58	5	-	7.6	7.9

TERMS OF SUBSCRIPTION.—5/- per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ‡ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station ‖ For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24640 Thursday 7th May 1929. Page 1.

Observations at 13h. G.M.T. 8th

Stations. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1001·9	0	W	1	c	49	75	7	1500	StCu	9	-	9	•
Stornoway	1005·3	+4	NNE	4	c-	47	75	7	2500	Nb	9	-	9	•
Wick	1002·6	+2	S	1	orr_o	45	97	7	1500	Nb	10	-	10	•
Tiree	1005·9	+4	NW	4	c	~~50~~ 49	92	9	1500	CuNb	2	ACu	9	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1002·3	+1	SE	3	b	53	75	7	2500	Cu	1	-	1	1
Malin Head	1007·3	+5	WNW	4	bc	51	75	8	4000	Cu	6	ACu	7	•
Renfrew	1004·2	+4	NW	2	c/pr_o	52	75	7	1500	CuNb	6	ACu	8	2
Edinburgh (Inchkeith)	1002·3	+2	WSW	3	or	47	85	7	800	St	10	-	10	•
Leuchars	1002·1	+2	NW	1	cr_o	51	75	7	4000	CuNb	8	ACu	9	2
Eskdalemuir	1003·4	+3	WNW	4	c	49	75	7	2500	CuNb	7	Ci	8	2
Tynemouth	1003·0	+3	NNE	2	c/p	52	65	6	1600	CuNb	8	-	8	•
Blacksod Point	1009·7	+4	N	5	c/PR	49	85	8	•	CuNb	8	-	8	•
Donaghadee	1006·8	+5	WNW	2	cr	47	85	8	1500	Nb	8	-	8	•
Birr Castle	1008·7	•	W	3	c/pr_o	47	75	8	4000	Nb	9	-	9	•
Holyhead	1008·1	+5	W'N	4	bc-	53	65	8	4000	Cu	1	ACu	4	1
Liverpool (Bidston)	1007·3	+6	WNW	5	bc	48	75	8	2500	CuNb	4	Ci	6	•
Chester (Sealand)	1007·0	+5	W'N	3	c/PR	49	85	6	2500	Nb	9	-	9	1
Harrogate	1005·8	+5	WSW	4	c+	50	65	8	4000	CuNb	8	-	8	•
Spurn Head	1006·3	+2	WNW	6	cr	50	85	7	4000	CuNb	6	ACu	9	•
Birmingham (Edgbaston)	1007·5	+3	SW	4	bc	55	55	8	2500	Cu	5	-	5	1
Cranwell	1007·2	+3	W'S	4	bc+	57	65	8	2500	Cu	5	-	5	1
Gorleston	1009·4	+1	S	5	bc	53	65	6	5700	Cu	5	-	5	•
Valentia (Cahirciveen)	1012·8	+4	NW'W	5	bc	50	75	8	2500	Cu	4	ACu	5	1
Roches Point	1010·8	+3	N	3	bc	51	65	8	1500	CuNb	5	-	5	•
Pembroke (St. Ann's H.)	1009·3	+3	W	2	bc-	49	85	8	4000	Cu	4	-	4	•
Ross-on-Wye	1008·2	+3	W'S	4	bc	57	45	8	4000	CuNb	5	-	5	1
Leafield	1008·7	+2	SW'W	4	bc-	54	55	9	2500	CuNb	3	CuSt	4	1
Winchester (Worthy Dn)	1009·5	+1	WSW	4	bc	57	55	8	4000	Cu	7	-	7	1
S. Farnborough	1009·6	+1	SW	4	bc-	56	46	9	4000	CuNb	5	-	5	1
London (Kew Obsy.)	1009·9	+1	WSW	3	c	55	55	8	4000	StCu	8	-	8	1
Croydon	1010·2	+2	SW	4	cr	53	65	6	2500	CuNb	8	-	8	1
Shoeburyness	1010·8	+2	SSW	5	c+	56	55	8	2500	StCu	6	ACu	8	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1010·6	+2	S'W	4	bc	53	75	8	4000	StCu	6	Ci	7	1
Lympne	1011·8	+2	SSW	5	bc+	54	65	8	1500	Cu	4	Ci	6	1
Scilly (St. Mary's)	1012·3	+3	NW	4	bc	53	75	8	4000	Cu	5	-	5	•
Falmouth (Pendennis)	1011·0	+3	NW	3	bc+	50	65	8	4000	Cu	7	-	7	•
Plymouth (Cattewater)	1010·8	+3	SW	3	bc/pr_o	51	75	9	2500	CuNb	7	-	7	2
Portland Bill	1010·0	+2	SW	3	b-	51	85	8	2500	CuNb	1	Ci	2	•
Southampton (Calshot)	1010·6	+2	SW'W	4	bc	56	55	8	2500	CuNb	4	-	4	0
Dungeness	1012·2	+4	SW	4	c+	52	85	8	2500	Cu	5	CuSt	8	•
Guernsey (Fort George)	1011·9	+2	W'S	3	bc-	52	65	9	2500	Cu	5	ACu	6	•

Observations at 18h. G.M.T. 8th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1003·7	+4	N	1	orr	43	85	7	1500	Nb	10	-	10	•
Stornoway	1009·9	+5	NNE	5	bc-	46	65	8	4000	CuNb	3	-	3	4
Wick	1006·5	+4	NW	4	c	45	75	8	1500	CuNb	6	CuSt	8	1
Tiree	1011·3	+6	NNE	5	b	47	92	9	2500	Cu	2	-	2	4
Nairn	1007·6	•	NNW	3	bc/r	46	75	8	1500	CuNb	7	-	7	•
Aberdeen	1006·8	+7	WNW	4	cr_o	48	85	7	2500	Nb	5	ASt	10	0
Malin Head	1012·8	+5	NNW	5	c/pr_o	47	85	8	4000	CuNb	8	ACu	9	3
Renfrew	1008·3	+6	WNW	4	bc-	52	65	8	2500	Cu	4	-	4	•
Edinburgh (Inchkeith)	1005·8	+3	WSW	3	or	45	85	8	800	St	10	-	10	1
Leuchars	1006·9	+7	NW	2	cR	48	85	6	2500	CuNb	9	-	9	•
Eskdalemuir	1008·3	+5	NW	4	c/p	49	65	8	2500	CuNb	8	-	8	•
Tynemouth	1006·8	+5	W	2	bc/pr	54	65	6	1500	Cu	6	-	6	1
Blacksod Point	1014·8	+5	N	5	c	50	65	8	•	CuNb	8	-	8	7
Donaghadee	1011·6	+6	NNE	1	bc-	50	75	8	1500	CuNb	3	ACu	4	1
Birr Castle	1011·3	•	NW	1	bc+	56	55	7	4000	Cu	6	-	6	•
Holyhead	1011·4	+4	WSW	3	bc+	51	85	8	4000	Cu	1	ACu	3	1
Liverpool (Bidston)	1011·1	+5	WNW	4	bc+	52	55	7	-	-	0	ACu	4	•
Chester (Sealand)	1010·8	+4	NW'W	4	bc	52	55	7	4000	Cu	3	ACu	4	•
Harrogate	1010·0	+7	SW	3	b	50	65	8	4000	Cu	1	-	1	•
Spurn Head	1009·5	+2	NNW	3	bc	50	92	6	1500	St	5	ACu	6	2
Birmingham (Edgbaston)	1011·5	+4	SW	2	bc-	52	65	8	4000	StCu	7	-	7	•
Cranwell	1011·2	+5	SW	4	ct1	51	65	8	1500	CuNb	9	-	9	•
Gorleston	1010·7	+3	SW'W	2	bc-	52	65	7	5700	Cu	2	ACu	4	0
Valentia (Cahirciveen)	1016·4	+4	NNW	5	bc	50	65	8	2500	Cu	7	-	7	4
Roches Point	1012·7	+3	N	4	bc/PR	48	85	8	1500	CuNb	7	-	7	0
Pembroke (St. Ann's H.)	1012·5	+3	W	2	bc-	48	85	8	2500	Cu	3	-	3	2
Ross-on-Wye	1011·7	+2	W'S	2	bc-	51	65	9	4000	Cu	4	-	4	•
Leafield	1011·8	+4	WNW	3	bc/PR	48	85	8	2500	CuNb	6	-	6	•
Winchester (Worthy Dn)	1012·4	+4	WSW	3	cr_o	49	75	8	2500	CuNb	8	-	8	•
S. Farnborough	1011·5	+3	SSW	3	bc	52	75	8	4000	CuNb	4	ACu	7	•
London (Kew Obsy.)	1012·0	+3	NW	1	bc/r	52	85	8	5700	StCu	5	ACu	7	•
Croydon	1011·8	+2	W'S	2	c+	51	65	7	4000	StCu	8	-	8	•
Shoeburyness	1012·5	+2	SW	2	bc	55	65	8	5700	Cu	1	Ci	3	•
Clacton-on-Sea	1011·6	+2	SW	4	bc	55	65	7	4000	CuNb	3	Ci	6	2
Felixstowe	1011·8	0	WSW	3	bc	55	65	8	4000	Cu	3	Ci	4	3
Lympne	1012·0	+1	SW	4	bc-	53	55	8	4000	Cu	1	Ci	3	•
Scilly (St. Mary's)	1014·8	+3	WNW	4	bc	50	75	8	4000	Cu	5	-	5	4
Falmouth (Pendennis)	1014·2	+4	W	3	bc/pr_o	49	75	8	4000	CuNb	6	-	6	0
Plymouth (Cattewater)	1013·8	+4	WNW	4	b/	51	55	9	2500	Cu	1	-	1	1
Portland Bill	1011·3	+2	ESE	2	c/pr_o	49	75	8	1500	CuNb	9	-	9	2
Southampton (Calshot)	1012·7	+3	W	4	bc/p	51	75	8	4000	CuNb	6	-	6	0
Dungeness	1012·3	+1	SW	2	bc-	50	85	8	2500	Cu	1	CuCu	4	2
Guernsey (Fort George)	1014·1	+3	W	3	bc-	50	85	9	2500	Cu	2	ACu	3	3

1013·8

LONDON OBSERVATIONS.

Day 7h-18h., Kew & Croydon. 9h-18h., Kensington. 9h-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 13h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bc/pcy	bycpbc	bbcm,w	59	41	30	0·3	-	8·7	•	•	6
Croydon	244	cpr	crbc	bcbcm,w	56	40	34	1	-	8·1	•	•	5
Greenwich (Royal Obsy.)	149	bcpy	bcpy	cpbcmhz	61	42	30	Tr	0·3	9·0	53	54	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	8·0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	60	44	*	-/	--	8·6	55	63	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	8·0	•	•	•
Camden Square	110	cpbc	cbccp	•	59	44	*	0·3	-	•	•	63	•
Kensington Palace	80	bcp	bc	•	58	42	32	0·2	0·5	•	(At 18h) 84	62	•
Hampstead Observatory	450	•	•	•	52	40	32	1	Tr	7·9	•	68	•

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 8th

South Kensington Max.	Time.	Min.	Time.
1·3	7h 9h	<0·3	4h 9h

Kew Observatory Max.	Time.	Min.	Time.
0·1	6h 9h	<0·1	12h 8h

POLE STAR RECORD at Greenwich Obsy.

Exposure from 8th 20h 45m. to 9th 3h 00m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6 15	2 35	41
δ Ursae Minoris	6 15	2 41	43

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

7th & 8th May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·9	11·49	19·31
	4·7	11·49	19·32
Greenwich	4·20	11·56	19·33
	4·19	11·56	19·36
Wick	4·2	12·9	20·17
	4·0	12·9	20·19
Valentia	5·0	12·37	20·16
	4·58	12·37	20·18

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
p precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. Ψ = lunar halo.

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.

SEA DISTURBANCE

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

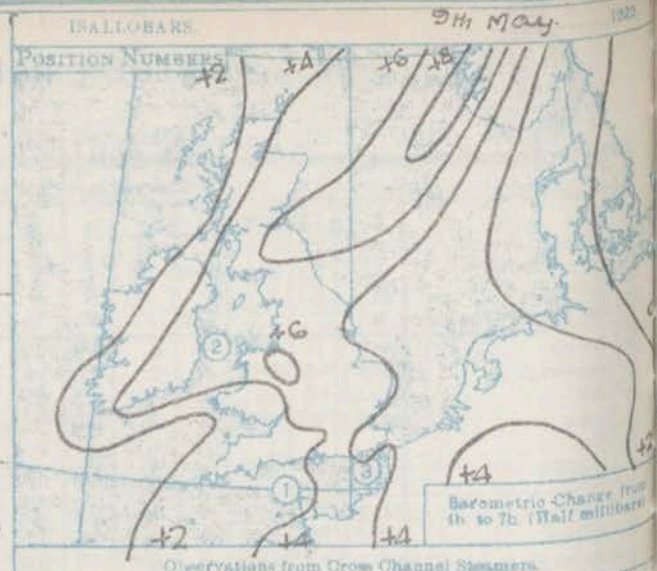
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2¼ „
6. Moderate.	5¼ „
7. Good.	13¼ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 8th	Weather. 18h.-18h. 8th	Weather. 18h. 8th to 1h. 9th	Weather. 1h.-7h. 9th	Temperature. Max. Day 7h.-18h.	Temperature. Min. Night 18h.-7h.	Temperature. Min. on Grass	Rainfall†. Day 7h.-18h. mm.	Rainfall†. Day 7h.-18h. began.	Rainfall†. Night 18h.-7h. mm.	Rainfall†. Night 18h.-7h. began.	Sun 8th Hours.
Lerwick	c1Tc	cOTT	orrbc	cbc	49	37	•	4	<8.00	2	<21.00	0.0
Stornoway	opToc	c	c	bcc	49	35	•	1	9.00	–	–	6.7
Wick	cToT	cToTc	probc	bbc	49	33	•	3	9.00	0.1	24.00	•
Tiree	pTbcc	pTobc	bcc	pdoc	51	38	32	Tr	<8.00	0.1	4.30	6.6
Nairn	bcTc	cPRbc	bcpr	bc	51	33	•	4	<8.00	0.3	<21.00	0.7
Aberdeen	b-bc	bbcctwRR	cprobcb	bbc	53	36	30	6	15.30	Tr	<21.00	7.8
Malin Head	cproBc	bc cpro	cpobcb	bbc	52	40	•	0.1	<8.00	Tr	<21.00	4.5
Renfrew	bTocp	cp	bcc	cb	55	32	24	1	<8.00	–	–	5.5
Edinburgh (Inchkeith)	cpTt	oTtl	cpr	bcc	53	41	31	3	<8.00	1	<21.00	2.1
Leuchars ... tl ...	c,Rc	PH#itbc	Rccbc	bbc	54	36	29	7	9.00	1	<21.00	4.9
Eskdalemuir	bccprc	cprcjp	cbcpro	b	53	33	28	2	9.00	Tr	<21.00	3.1
Tynemouth	cpo	bbcpo	bc	bc	56	44	39	0.6	9.00	–	–	•
Blackpool Point ...	pcq	pqc	bc	bc	53	38	•	1	•	–	•	•
Donaghadee	iroiT	probc	bbc	bcb	51	38	•	4	<8.00	–	–	•
Birr Castle	bccph	cbcby	cbx	bx	56	35	26	0.3	<8.00	–	–	11.4
Holyhead	cbcl	bcb	bcpro	bcb	54	45	42	–	–	Tr	22.00	8.5
Liverpool (Bidston) ...	pocbc	bcb	bcbw	bcbW	53	43	37	0.1	<8.00	–	–	10.0
Chester (Sealand) ...	cprPR	cpTbc	bcb	bbcm.	54	39	31	31	<8.00	–	–	6.2
Harrogate	cPbccp	cb	b	bbccw	51	39	31	0.5	<8.00	–	–	6.5
Spurn Head	bccpr	cpTbc	bc	bcc	58	42	•	1	12.30	–	–	8.8
Birmingham (Edgbaston)	b-bc	bcctpr	bc	bc	57	40	31	0.1	15.30	–	–	6.3
Cranwell	cpcbc	cypTcjtr	bcb	bwm.	58	36	33	0.1	<8.00	–	–	8.2
Gorleston	cbcpkny	bccypro	bcb	bwm.	58	40	37	0.4	11.00	–	–	6.4
Valentia (Cahirciveen)	cphbc	bccpo	bc	bcw	52	37	32	3	<8.00	Tr	–	7.3
Roches Point	bbcpbc	bcPbc	bcpb	bv	53	43	•	3	11.00	2	<21.00	•
Pembroke (St. Ann's H.)	cbc	bc	bcb	b	52	42	•	–	–	Tr	–	11.5
Ross-on-Wye	Tocbc	bccpobc	bcvbw	bxb	57	38	25	0.1	<8.00	–	–	7.7
Leafield	bcpv	bc	bcw	bcb	56	36	29	1	17.30	Tr	–	9.3
Winchester (Worthy Dn.)	cprocbc	bcyPRH	cprtbcb	bbcc	58	37	33	2	<8.00	Tr	<21.00	7.6
S. Farnborough ...	cPRHbcp	bcvyqpR	bcb	bcpr	58	36	27	3	<8.00	1	4.30	8.6
London (Kew Obsy.) ...	bcjpcy	bycpbc	bc	cm.w	59	41	30	0.3	17.30	–	–	8.7
Croydon	cpr	crbc	bcbm.w	bccwm.	56	40	34	1	<8.00	–	–	8.1
Shoeburyness	bcc	cbcy	bcb	bcybc	60	39	30	–	–	–	–	N.S.
Clacton-on-Sea ...	bc	bc	bcbzw	bwz	57	41	37	–	–	–	–	11.2
Felixstowe	bc	bcv	bcbw	bwbz.	57	40	34	–	–	–	–	11.2
Lympne	bccbc	bcvy	bcb	bbccm.	56	37	29	–	–	–	–	13.3
Scilly (St. Mary's) ...	bbc	bc	bcP	bcp.b	54	45	•	–	–	2	22.00	13.7
Falmouth (Pendennis)	bc	bcpo	bcp.b	bbc	53	40	•	Tr	17.30	Tr	<21.00	11.8
Plymouth (Cattewater)	bvcpro	bcbvy	bvy	bwyz.	54	37	30	Tr	9.00	–	–	10.1
Portland Bill	bcb	bc	bcbv	b	52	44	•	Tr	14.30	–	–	•
Southampton (Calshot)	bcprbcy	bcjp	bcb	bbwm.	57	39	33	Tr	<8.00	–	–	11.0
Dungeness	bbc	cbc	bcb	bbcc	54	38	•	–	–	–	–	•
Guernsey	bbcv	bcv	bcb	b	53	43	•	–	–	–	–	13.9



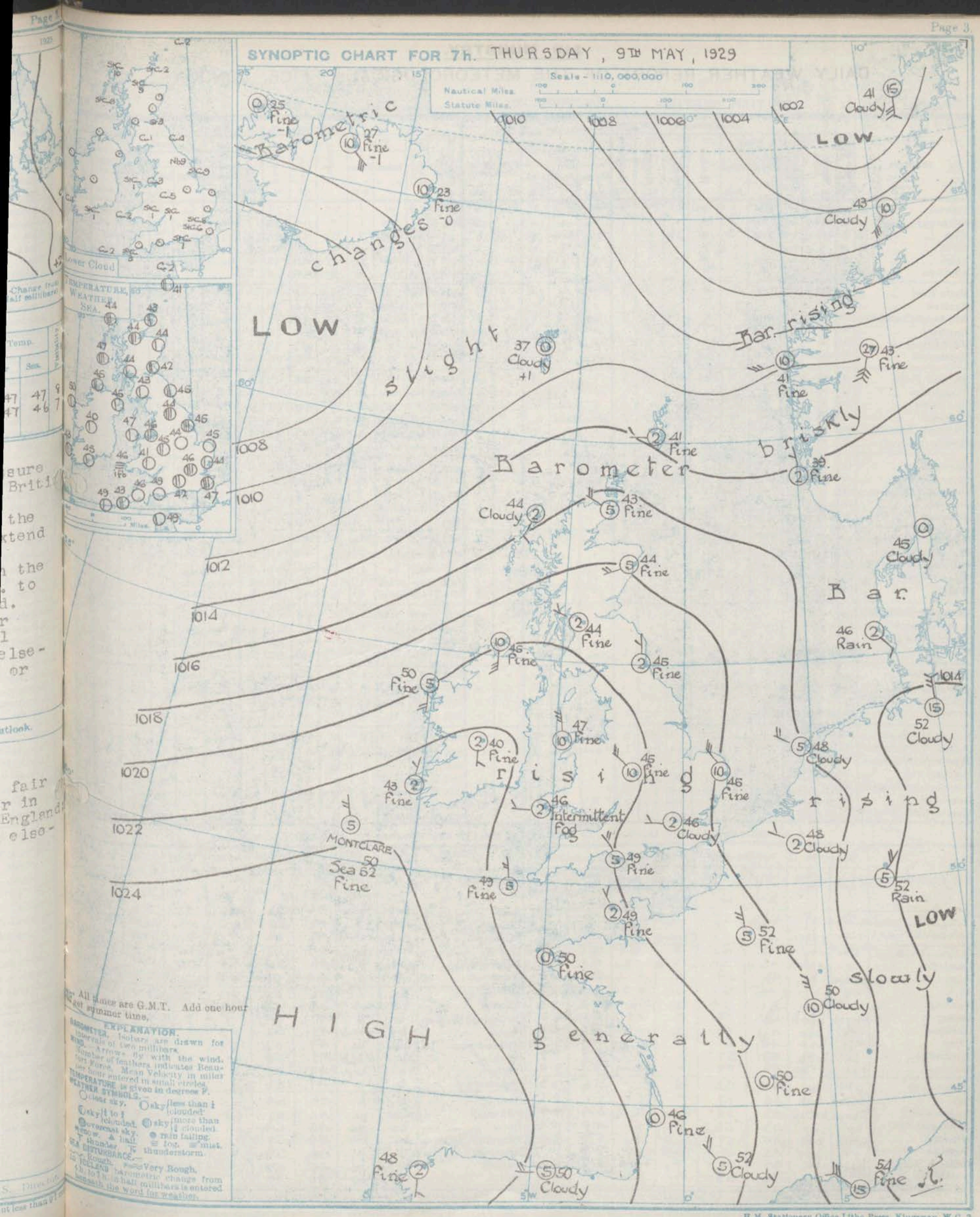
Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Pressure.
2	10h 8th	Hibernia	NW	6	c	47	47	9
3	1h 9th	Brighton	WNW	2	bc	47	46	7

GENERAL INFERENCE.

A wedge of high pressure moving eastward over the Britis Isles is increasing in intensity and will cause the AAzores anticyclone to extend over France and Southern England. A depression on the Atlantic will move E.N.E. to northwestward of Scotland. Weather will be fine over Southern England but will deteriorate before long elsewhere, with strong winds or gales near the northwest seaboard.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Thursday, 9th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light N.W. to variable winds; fine; becoming warmer, but slight ground frost locally at night.	Mainly fair and warmer in Southern England; unsettled elsewhere.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Light N.W. wind, backing S.W. and freshening later; fair at first, becoming cloudy with perhaps local rain or drizzle tomorrow; milder.	
12. S.W. Scotland & Isle of Man 13. A. W. Scotland B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland	Wind S.W., freshening considerably, perhaps a gale in places later; cloudy increasing, some rain or drizzle later; milder.	
18. N.E. Ireland	As 8 - 11.	
19. S.E. Ireland 20. S.W. Ireland	Wind S.W., freshening; cloud increasing, rain later; milder.	


SYNOPTIC CHART FOR 7h. THURSDAY, 9TH MAY, 1929
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Lower Cloud
TEMPERATURE, WEATHER, SEA.
Barometric changes
LOW
slight
Bar. rising briskly
Barometer
Bar.
rising
rising slowly
LOW
HIGH generally
MONTCLARE
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
All times are G.M.T. Add one hour for summer time.
EXPLANATION.
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.
clear sky. sky less than ½ clouded. sky ½ to ½ clouded. sky more than ½ clouded. Overcast sky. rain falling. snow. hail. fog. mist. thunder. thunderstorm.
SEA DISTURBANCE.
Rough. Very Rough.
ISOLLAR barometric change from 1 to 7 hours in half millibars is entered beneath the word for weather.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION.....Thursday 9th May.....1929. No. 122....

Observations at 1h. G.M.T. 9th

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1009.2	+4	NW	1	bc	38	92	8	1500	StCu	3	ACu	5
Stornoway	30	1014.4	+2	SW	2	bc-	•	•	7	•	•	•	•	4
Wick	81	1013.0	+3	NW	3	bc	38	92	8	1500	CuNb	5	–	5
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	81	1018.0	+3	NNW	3	b	45	75	8	4000	Cu	2	-	2
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	100	1014.1	+8	NW	3	c	44	65	8	1500	St	8	-	8
Lenchars	50	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1014.1	+5	NW	2	bc	44	85	7	1500	Cu	6	-	6
Blacksod Point ...	18	1020.0	+1	W	2	bc	42	92	8	•	Cu	3	-	3
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	28	1016.7	+5	N'E	4	bc	46	92	7	2500	StCu	3	-	3
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1013.9	+1	N'W	4	bc	45	92	6	1500	St	5	-	5
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1015.3	+3	W'S	3	b-	40	85	6	-	-	0	-	0
Gorleston	14	1014.2	+2	W'N	2	b	44	85	6	-	-	0	-	0
Valentia (Cahirciveen)P	30	1020.8	+5	NW	3	bc/pr	47	97	8	*	CuNb	3	-	3
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	160	1018.2	+5	W	1	b	45	97	8	-	-	0	Ci	2
Ross-on-Wye	225	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	45	•	•	•	•	•	•	•
Croydon	344	1015.4	+2	-	0	b-	42	91	6	2500	StCu	1	-	1
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1014.9	+2	NW	2	b	41	92	7	-	-	0	-	0
Scilly (St. Mary's) ...	163	1016.9	+2	-	0	bc	45	92	8	4000	CuNb	4	-	4
Falmouth (Pendennis)	200	1016.5	+2	-	0	b-	43	92	7	4000	CuNb	2	-	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	52	1016.6	+3	NW	3	b	46	85 ~~75~~	9	-	-	0	-	0
Southampton (Calshot)	10	1016.6	+1	N'W	3	b	44	85	8	-	-	0	-	0
Dungeness	20	1015.0	+2	W	1	b-	44	97	7	-	-	0	-	0
Guernsey (Fort George) P	206	1018.0	+2	W	1	b-	45	92	8	-	-	0	-	0

Observations at 7h. G.M.T. 9th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1013.1	+4	W	1	bc	41	75	8	1500	Cu	2	ASt	4	•
Stornoway	1015.5	+1	SW	1	c	44	75	7	4000	StCu	10	-	10	0
Wick	1016.4	+4	WNW	2	bc	43	85	8	2500	StCu	2	CiSt	5	0
Tiree	1017.9	+1	SSW	4	c	47	85	8	2500	StCu	9	-	9	4
Nairn	1017.7	•	-	0	bc	44	75	8	4000	StCu	9	-	9	•
Aberdeen	1018.8	+4	WSW	2	b	44	65	8	-	-	0	Ci	1	0
Malin Head	1020.0	+2	S	3	bc+	45	85	8	-	-	0	CiCu	6	2
Renfrew	1019.7	+5	WNW	1	b	44	75	7	-	-	0	ACu	1	•
Edinburgh (Inchkeith)	1018.7	+7	WSW	2	bc	42	75	6	800	St	3	-	3	0
Lenchars	1019.4	+4	SW	2	b	44	75	8	-	-	0	CiSt	1	•
Eskdalemuir	1019.9	+4	-	0	b	43	75	8	4000	Cu	1	-	1	•
Tynemouth	1019.4	+4	N	1	bc	45	75	8	1500	Cu	4	-	4	1
Blacksod Point ...	1020.8	+1	S	2	bc	50	65	8	•	-	0	ACu	6	1
Donaghadee	1020.9	+4	W	2	b-	45	75	8	-	-	0	CiSt	1	1
Birr Castle	1022.5	•	S	1	b	40	85	8	-	-	0	ACu	1	•
Holyhead	1020.6	+4	N'W	3	b	47	85	8	2500	StCu	1	-	1	1
Liverpool (Bidston) ...	1020.4	+4	NW'W	4	bcsp	46	85	8	1500	Cu	3	-	3	•
Chester (Sealand) ...	1019.8	+6	NW'W	3	bc	47	85	7	2500	StCu	5	-	5	•
Harrogate	1019.1	+5	N	2	c+	44	85	6	2500	Nb	9	ASt	10	•
Spurn Head	1018.5	+4	N'E	4	c+	45	97	6	4000	StCu	9	-	9	7
Birmingham (Edgbaston)	1020.7	+5	NW	3	bc	45	85	6	2500	Cu	5	-	5	•
Cranwell	1019.0	+5	WNW	3	b	44	85	6	-	-	0	-	0	•
Gorleston	1017.7	+3	NW'N	3	b	45	85	6	-	-	0	-	0	0
Valentia (Cahirciveen)P	1023.5	+3	N'E	1	bc	43	85	8	2500	Cu	1	CiCu	3	0
Roches Point	1023.3	+5	N	2	b	45	85	9	2500	StCu	1	-	1	0
Pembroke (St. Ann's H.)	?	+2	W	1	ifb	46	97	3	2500	Cu	2	-	2	1
Ross-on-Wye	1020.2	+4	WSW	1	b	41	85	8	5700	StCu	1	-	1	•
Leafield	1019.7	+5	NW'N	1	b	45	75	8	5700	StCu	1	-	1	•
Winchester (Worthy Dn.)	1019.8	+4	NW	1	c	42	85	8	4000	StCu	8	-	8	•
S. Farnborough ...	1019.7	+4	W	1	bc/r	42	92	6	5700	StCu	6	ACu	7	•
London (Kew Obsy.) ...	1019.9	+4	W	1	c-	46	85	5	4000	StCu	8	-	8	•
Croydon	1019.7	+5	WNW	1	c+	45	85	5	4000	StCu	7	ASt	8	
Shoeburyness	1019.3	+3	NW	2	bc	48	75	6	-	-	0	ACu	3	•
Clacton-on-Sea ...	1018.1	+8	NNW	3	b	44	85	6	-	-	0	ACu	1	1
Felixstowe	1018.6	+4	NNW	3	b	48	85	6	-	-	0	-	0	1
Lympne	1018.1	+4	N	3	c	45	85	5	7200	StCu	8	-	8	•
Scilly (St. Mary's) ...	1020.4	+3	N'W	2	b	49	85	8	4000	Cu	2	-	2	1
Falmouth (Pendennis)	1020.6	+3	NW'N	1	bc	43	92	7	4000	StCu	3	-	3	0
Plymouth (Cattewater)	1021.1	+3	-	0	b	46	75	8	-	-	0	-	0	0
Portland Bill	1019.2	+3	NNW	2	b	49	75	9	-	-	0	-	0	2
Southampton (Calshot)	1020.5	+4	N'W	3	b	44	85	6	5700	StCu	1	-	1	0
Dungeness	1018.4	+3	NNW	2	c+	47	85	7	-	-	0	ACu	8	
Guernsey (Fort George) P	1020.7	+4	NNW	1	b	49	85	8	2500	Cu	2	-	2	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8th May

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-7th to 9h.8th	Temperature. Max. 9h.-17h. 8th	Rainfall.† Night 17h.-9h. 7th-8th	Rainfall.† Day 9h.-17h. 8th	Sunshine. Sunrise to 17h. 8th	Sunshine. Sunrise to Sunset. 7th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	ctlr	ctlrc	42	50	Trace	6	4.1	8.6
Douglas (I. o. M.) ...	cbc	bcd	42	52	3	0.3	5.6	2.1
Llandudno ...	cp	cpcbcb	42	54	7	0.1	4.6	4.8
Colwyn Bay ...	ocbpc	b	42	54	5	1	5.6	5.0
Rhyl	or	b	40	54	2	0.5	5.6	6.3
Wallasey	ircb	bcb	41	54	2	Trace	8.2	7.5
Southport	cbcpcb	bbcb	*42	52	2	0.1	5.1	7.3
Blackpool	opc	bcc	42	53	2	0.1	5.0	8.0
Ilkley	cp	bcc	40	51	4	0.4	2.1	9.7
Cleethorpes	bc	bcpb	43	57	-	2	5.9	9.9
Skegness	bbc	opt'bc	45	59	-	Trace	8.7	9.3
Aberystwyth ...	pbc	bc	44	52	5	-	5.6	7.3
Bath	bcphr	bcb	45	57	-	1	9.1	9.1
Cheltenham‖ ...	cbccp	bctcp	43	58	Trace	2	3.4	~~9.9~~ 10.3
Leamington Spa ...	cp	cp	43	56	1	2	4.0	10.4
Lowestoft	cbcc	cbc	45	57	Trace	-	8.8	8.3
Harwich & Dovercourt	bc	bcv	46	61	-	-	8.8	10.1
Maldon	bpbc	bc	44	59	-	Trace	6.9	7.0
Southend	b	b	46	58	-	-	9.2	7.8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	pobc	bc	46	52	2	-	9.5	7.3
Penzance	cprb	b	42	56	0.5	0.3	10.0	6.3
Paignton	pob	bcRHP	42	56	1	9	6.5	10.0
Torquay	bcrhp	byv	44	57	-	1	7.3	10.6
Jersey	pcbc	b	46	55	2	-	11.0	8.0
Weymouth	b	b	45	56	0.5	-	7.2	13.6
Bournemouth ...	bc	b	46	58	1	-	9.0	10.2
Ventnor ...	bc	cb	46	54	Trace	-	10.2	10.5
Portsmouth (S'thsea)	b	b	47	57	-	-	9.8	11.6
Bognor	b	bbcb	47	52	0.3	-	10.8	10.4
Littlehampton ...	bc	bc	47	53	0.1	-	10.3	9.9
Worthing	b	bbcb	47	58	-	-	11.1	9.3
Brighton	b	b	47	55	0.3	-	10.9	9.2
Eastbourne‖	b	b	47	56	1	-	11.1	9.1
Hastings‖	b	b	46	54	0.5	-	10.6	9.0
Folkestone	cbc	bc	45	57	0.1	-	10.8	8.6
Dover	bc	bc	45	54	0.1	-	11.5	8.6
Tunbridge Wells ...	bc	bc	44	57	1	-	10.8	8.8
Ramsgate	b	b	46	58	-	-	10.9	9.7
Margate	bcpp	bc	45	59	-	Trace	11.2	10.3
Deal	bbcb	b	46	59	-	-	11.5	9.0

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* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station † For code see page 1. ‡ See footnote page 1

‖ At stations marked *thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‖ 17h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24,641 Friday 10th May 1929.

Observations at 13h. G.M.T. 9h

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1014·4	+1	SW	2	bcjp	47	65	8	1500	CuNb	3	ACu	6	•
Stornoway	1014·6	+1	SSW	5	o/pr₀	48	85	7	2500	Nb	10	-	10	•
Wick	1016·6	0	SSW	2	c	47	85	8	2500	StCu	8	CiSt	10	•
Tiree	1017·5	-1	SSW	5	cd₀	48	92	7	1500	Nb	9	-	9	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1018·6	0	SSE	4	c+	49	65	8	4000	StCu	7	ACu	9	1
Malin Head	1019·4	0	SW'S	3	c	54	65	9	2500	StCu	8	-	8	•
Renfrew	1020·2	0	WSW	3	cr₀	50	65	8	1500	Cu	10	-	10	1
Edinburgh (Inchkeith)	1018·7	0	WSW	1	bc	52	55	7	800	St	4	ACu	6	•
Leuchars	1019·1	-1	SW	2	c	54	45	8	4000	StCu	7	Ci	8	1
Eskdalemuir	1019·7	-1	SSW	3	bc	54	35	8	4000	Cu	4	CiSt	6	2
Tynemouth	1021·1	+1	E	1	bc	49	75	8	1500	Cu	2	Ci	3	•
Blacksod Point	1019·9	-1	S	3	c	52	75	8	•	StCu	10	-	10	•
Donaghadee	1021·0	-1	ESE	2	bc+	49	75	8	4000	Cu	4	CiSt	6	•
Birr Castle	1021·7	•	S	1	c+	50	75	8	4000	Cu	4	ASt	9	•
Holyhead	1022·2	+1	NW'W	1	bc	50	85	8	4000	Cu	1	Ci	3	1
Liverpool (Bidston)	1022·0	+2	WNW	3	b	49	55	8	4000	Cu	1	Ci	2	•
Chester (Sealand)	1021·2	0	NNW	4	b	53	55	8	4000	Cu	1	Ci	2	1
Harrogate	1020·2	+1	SSE	1	bc	52	55	7	4000	Cu	3	-	3	•
Spurn Head	1021·2	+2	ENE	2	bc	50	85	7	4000	StCu	3	ACu	7	•
Birmingham (Edgbaston)	1020·9	0	WNW	3	bc	57	45	8	2500	Cu	4	-	4	1
Cranwell	1021·1	+1	N'W	3	bc	55	65	7	4000	Cu	4	-	4	0
Gorleston	1019·9	+2	NNE	4	bc	53	75	6	4000	Cu	3	-	3	•
Valentia (Cahirciveen)	1022·9	-1	SW'S	3	c⊕	53	65	8	4000	StCu	6	CiSt	9	0
Roches Point	1023·4	0	SW	3	bc	52	75	9	2500	Cu	7	-	7	•
Pembroke (St. Ann's H.)	1022·5	+1	N	1	b	56	75	8	4000	Cu	2	-	2	•
Ross-on-Wye	1020·8	+3	NW	2	bcjp	60	55	7	4000	Cu	5	-	5	1
Leafield	1020·8	+1	NNW	3	bc	56	55	8	4000	CuNb	5	-	5	0
Winchester (Worthy Dn.)	1020·6	+1	WNW	2	bc	56	55	8	4000	Cu	7	-	7	1
S. Farnborough	1020·4	0	WNW	2	bc	59	45	8	4000	StCu	7	-	7	2
London (Kew Obsy.)	1021·0	+1	NNW	2	bc	57	45	8	4000	Cu	7	-	7	1
Croydon	1020·4	+1	NNW	3	c+	58	45	7	2500	CuNb	8	-	8	1
Shoeburyness	1020·7	+3	NNW	3	bc+	60	45	8	5700	Cu	5	-	5	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1019·5	0	W'N	1	bc	60	45	8	4000	Cu	6	-	6	0
Lympne	1020·5	+2	S	2	c+	52	65	6	2500	Cu	8	-	8	0
Scilly (St. Mary's)	1023·6	+2	N'W	2	bc	52	85	8	4000	Cu	3	-	3	•
Falmouth (Pendennis)	1022·3	+1	S	2	bc+	56	75	8	4000	Cu	4	-	4	•
Plymouth (Cattewater)	1022·6	+1	SW	3	b	54	75	9	4000	Cu	1	-	1	1
Portland Bill	1022·3	+2	SSW	2	b	50	75	8	1500	CuNb	1	-	1	•
Southampton (Calshot)	1021·8	+1	WSW	3	bc+	56	55	8	2500	StCu	6	-	6	0
Dungeness	1021·2	+3	W	1	c/PR	53	75	7	1500	CuNb	5	CiCu	9	•
Guernsey (Fort George)	1023·3	+1	N'W	2	bc	52	75	9	2500	Cu	4	-	4	•

Observations at 18h. G.M.T. 9h

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1014·4	-1	S'W	3	cjp	~~47~~ 46	75	8	1500	CuNb	3	ASt	10	•
Stornoway	1012·6	-2	S	6	or₀+	47	97	6	1500	St	10	-	10	5
Wick	1015·0	-2	S	3	cd₀	46	97	8	1500	Nb	6	ASt	10	3
Tiree	1015·8	-3	SSW	5	od₀	50	92	7	1500	Nb	10	-	10	4
Nairn	1015·3	•	W	2	c	49	65	8	2500	CuNb	8	-	8	•
Aberdeen	1017·9	-2	SSW	3	cr₀	46	85	7	4000	Nb	4	ASt	10	0
Malin Head	1017·3	-2	SW'S	3	c+	52	65	8	2500	StCu	2	ASt	9	1
Renfrew	1019·0	-1	SSW	3	c	51	55	8	-	-	0	ASt	10	•
Edinburgh (Inchkeith)	1018·2	-1	WSW	3	c	50	55	8	4000	StCu	5	ASt	10	0
Leuchars	1018·5	0	WSW	3	c	51	65	8	4000	StCu	3	ASt	10	•
Eskdalemuir	1019·8	0	SW	4	bc	49	55	8	4000	StCu	3	Ci	7	•
Tynemouth	1020·6	+1	SSE	2	c	45	85	7	1500	StCu	9	-	9	2
Blacksod Point	1017·5	-2	SSE	4	o/pr₀	50	75	8	•	Nb	10	-	10	6
Donaghadee	1020·1	-1	SW	3	d	49	65	8	4000	StCu	3	ASt	8	3
Birr Castle	1020·6	•	SW	2	c	55	55	7	5700	Cu	1	CiSt	10	•
Holyhead	1021·5	-1	SSW	3	c⊕	48	75	9	-	-	0	CiSt	8	0
Liverpool (Bidston)	1021·9	0	NW'W	3	b	51	55	8	-	-	0	Ci	2	•
Chester (Sealand)	1021·7	0	NW'N	3	b-	51	55	9	4000	Cu	1	-	1	•
Harrogate	1020·7	0	S	1	c	51	65	7	2500	Cu	8	-	8	•
Spurn Head	1021·8	0	SE'S	2	c	45	92	7	5700	StCu	8	-	8	1
Birmingham (Edgbaston)	1020·5	0	WSW	2	bc	58	45	8	4000	Cu	4	-	4	•
Cranwell	1021·5	0	E	3	bc-	51	85	8	4000	Cu	3	ASt	4	•
Gorleston	1021·8	+2	N'E	4	c	45	85	6	4000	StCu	10	-	10	0
Valentia (Cahirciveen)	1021·8	-2	S'W	4	c	51	75	8	4000	St	7	ASt	9	1
Roches Point	1023·0	0	W	3	c	52	75	8	2500	StCu	8	-	8	0
Pembroke (St. Ann's H.)	1022·7	+1	NNW	1	bc+	50	85	8	4000	Cu	2	CiSt	4	1
Ross-on-Wye	1021·2	0	W	2	bcjp	55	65	9	4000	Cu	6	-	6	•
Leafield	1021·0	+1	WNW	3	bc	56	55	9	4000	Cu	4	-	4	•
Winchester (Worthy Dn.)	1020·6	0	W	3	bc	59	45	8	5700	Cu	4	-	4	•
S. Farnborough	1020·4	0	WNW	2	bc	59	45	8	4000	StCu	2	ACu	3	•
London (Kew Obsy.)	1021·2	0	N	1	b-	60	45	7	4000	Cu	1	-	1	•
Croydon	1020·6	0	NNW	2	bc+	59	45	6	4000	CuNb	6	-	6	•
Shoeburyness	1021·3	+1	WSW	2	bc-	55	75	8	5700	Cu	3	-	3	•
Clacton-on-Sea	1021·8	+2	ENE	4	bc	51	85	6	4000	Cu	4	-	4	2
Felixstowe	1021·9	+2	ENE	4	c	45	97	6	1500	St	9	-	9	1
Lympne	1021·3	+1	W	3	b-	52	65	6	5700	StCu	1	-	1	•
Scilly (St. Mary's)	1023·9	+1	NW	3	bc	51	75	8	4000	Cu	4	-	4	1
Falmouth (Pendennis)	1022·9	0	NW	2	bc-	54	65	8	4000	Cu	3	-	3	0
Plymouth (Cattewater)	1023·1	0	SW	3	bc+	50	85	8	4000	Cu	7	-	7	0
Portland Bill	1022·1	0	SW	3	b	49	85	8	1500	St	2	-	2	1
Southampton (Calshot)	1021·9	+2	W'S	3	bc-	55	65	8	4000	StCu	3	-	3	0
Dungeness	1021·3	+1	W	3	bc-	51	75	7	2500	Cu	5	-	5	2
Guernsey (Fort George)	1023·5	0	W	1	b-	53	75	9	2500	Cu	1	-	1	0

LONDON OBSERVATIONS. Day. 7h-18h., Kew & Croydon. 9h-18h., Kensington. 9h-21h., other stations.

Station	Heights above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night (24 hours ended 9h.)	Temp. Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 13h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	bz₀	bcby	bmoFbfm	60	39	32	-	Tr	8·6	•	•	7
Croydon	264	cm bcy	cbeyz₀	bcybmbc	61	39	35	-	Tr	8·9	•	•	7
Greenwich (Royal Obsy.)	149	bczy	cp₀z₀y	bcfwbzy	62	40	30₀	Tr	Tr	6·4	42	45	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	7·5	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	61	44	•	-	-	9·6	49	53	•
Regent's Pk. (Botanic Gdns).	158	•	•	•	•	•	•	•	•	10·1	•	•	•
Camden Square	110	bc	cb	•	63	43	•	-	-	•	•	56	•
Kensington Palace	60	bc	bc	•	61	42	35	-	-	•	(At 18h) 94	83	•
Hampstead Observatory	450	•	•	•	61	38	35	Tr	-	11·0	•	62	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 10th

South Kensington

Max.	Time.	Min.	Time.
2·0	7h 10th	<0·3	10h 9th

Kew Observatory

Max.	Time.	Min.	Time.
0·4	1h 10th	<0·1	12h 9th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 9th 20 h. 45 m. to 10th 3 h. 00 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	6·15	2 7	34
δ Ursæ Minoris	6·15	2 1	32

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground *frozen* (but less than 2 ins. deep).
4=Bare ground *frozen* (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from *frozen* rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

10th-11th May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·7	11·49	19·32
	4·6	11·49	19·34
Greenwich	4·19	11·56	19·35
	4·17	11·56	19·36
Wick	4·0	12·9	20·19
	3·58	12·9	20·21
Valentia	4·58	12·37	20·18
	4·56	12·37	20·19

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening skys.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain. rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♉ = lunar halo.
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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.
0=no swell } Calm or
1=mod. swell } slight
2=heavy swell } sea.
3=no swell } Moderate
4=mod. swell } sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

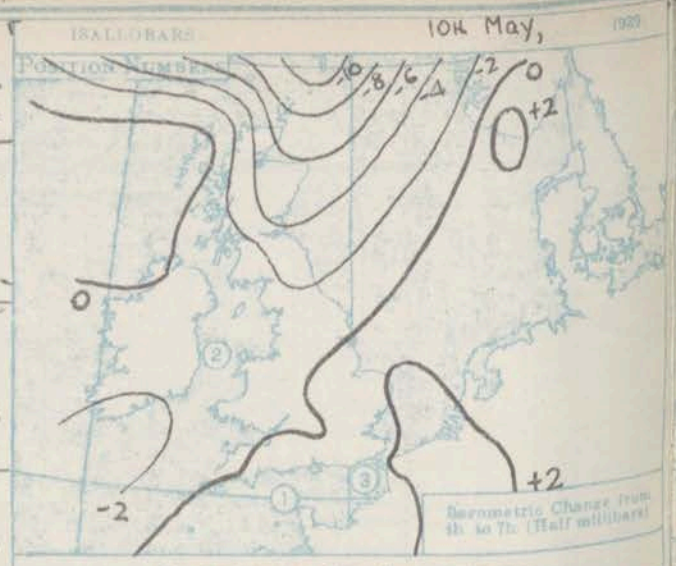
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 9h. Yesterday	Weather. 18h.-18h. 9h.	Weather. 18h. 9h. to 1h. 10h.	Weather. 1h.-7h. 10h.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 9h. Hours.
Lerwick	bcpr₀	bc cpr₀	cpr₀	coifm₀	49	44	•	0·2	<8·00	4	<21·00	8·0
Stornoway	p	r-d	orro	orro	48	46	•	2	9·00	3	<21·00	0·4
Wick	c	cid₀	or₀r	or₀rc	50	45	•	0·3	14·30	2	<21·00	•
Tiree	pd₀c	pd₀o	dr₀o	r₀r₀	50	46	40	1	<8·00	5	<21·00	1·2
Nairn	bcc	d₀c	cbc	bcq	52	46	•	Tr	15·30	–	–	3·1
Aberdeen	b bcc	c cir₀	cr₀	rcr₀c	52	44	42	Tr	16·30	1	<21·00	8·4
Malin Head	bccv	c	cr₀c	cd₀	54	47	•	–	–	1	<21·00	3·4
Renfrew	byc	cy	c	codd	55	45	41	Tr	12·30	1	3·30	7·3
Edinburgh (Inchkeith)	b-bc	bcc	co	co	53	44?	42?	–	–	–	–	9·2
Leuchars	b bcy cq	cyc	c	c	55	44	41	–	–	–	–	8·1
Eskdalemuir	b bcy	bcy	c	cm₀	55	37	35	–	–	–	–	9·6
Tynemouth	bc	bcc	cbc	bccp₀	50	41	35	–	–	Tr	6·30	•
Blacksod Point ...	cq	p₀ cq	pq₀	rq D	53	48	•	0·2	•	5	•	•
Donaghadee	bbc	bcc	c	cir₀	54	46	•	–	–	0·3	4·30	•
Birr Castle	bbc	cy	c	cor	56	47	45	–	–	2	3·30	7·6
Holyhead	bbc	bc byv	cbcvbc	bcm₀c	53	46	43	–	–	–	–	12·8
Liverpool (Bidston) ...	bcb	by	ybyb	c	52	43	36	–	–	–	–	13·2
Chester (Sealand) ...	bcb	bv	bvbc	bcc	53	34	28	–	–	–	–	14·1
Harrogate	cbc	bcc	cb	bbcc	55	35	30	–	–	–	–	5·4
Spurn Head	cbc	bcc	cbcw	bccofbc	52	41	•	–	–	Tr	–	5·7
Birmingham (Edgbaston)	bc	bc	bcb	b	60	40	26	–	–	–	–	10·1
Cranwell	b bc c	cbc	bcbw	bwcm₀	58	35	30	–	–	–	–	11·0
Gorleston	bm₀bc	bcc	co	ffo	55	38	37	–	–	–	–	10·7
Valentia (Cahirciveen)	bc	c	cp₀	or₀d	54	50	48	–	–	3	<21·00	6·3
Roches Point	bcu	bc c	c	ccr₀r₀	54	49	•	–	–	2	3·30	•
Pembroke (St. Ann's H.)	bif bc	bc	bc	bc	57	46	•	–	–	–	–	11·9
Ross-on-Wye	b bcvy	cp₀bcvy	cbcbvw	bwbcc	61	35	28	Tr	13·30	–	–	10·4
Leafield	b bcy	bcpr₀bc	bcb	bbf	59	37	27	Tr	14·30	–	–	12·4
Winchester (Worthy Dn.)	cbc bbcy	bcy pr₀	bcyb	bbc bw	61	33	27	Tr	14·30	–	–	9·3
S. Farnborough ...	bcby bc	bcy	bbcxb	bcyb	62	33	25	–	–	–	–	9·5
London (Kew Obsy.) ...	bz₀	bcby	bm	oFbfw	60	39	32	–	–	Tr	–	8·6
Croydon	cm₀bccy	cbcyz₀	bcyz₀m₀	bm₀bcm₀	61	39	35	–	–	Tr	–	8·9
Shoeburyness	bc	bc	bcoff	off	63	41	41	–	–	–	–	12·3
Clacton-on-Sea ...	bwz bc	bcz	bczom	om	61	41	41	–	–	–	–	11·4
Felixstowe	bz₀by	bcy bbc	cm	oFe	60	39	40	–	–	–	–	10·9
Lympne	bbcym₀	cbcz₀	bm₀	bm₀	58	37	27	–	–	–	–	9·9
Scilly (St. Mary's) ...	bbc	bc	bcb	bbcc	55	44	•	–	–	Tr	–	13·4
Falmouth (Pendennis)	bc	bc	bcb	bbc	56	43	•	–	–	–	–	13·2
Plymouth (Cattewater)	bv	bv bc	bcb	bwc	55	39	33	–	–	–	–	12·4
Portland Bill	b	b	b	b	53	44	•	–	–	–	–	•
Southampton (Calshot)	bcy	bcy	bcb	bbcbwm₀	61	39	27	–	–	–	–	11·2
Dungeness	b bcpr	cr cbc	bccFF	oFF	57	41	•	2	12·30	–	–	•
Guernsey	bbcw.	bcv	b	bbcw	54	44	•	–	–	0·1	–	13·0



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force	Weather.	Temp. Air	Temp. Sea	Visibility
2	9h 10h	Hibernia	N'W	4	c	47	47	7
1	" 12h	St Helier	NW	2	bc-	52	49	9
3	10h 1h	Dieppe	WNW	2	bc	48	46	9

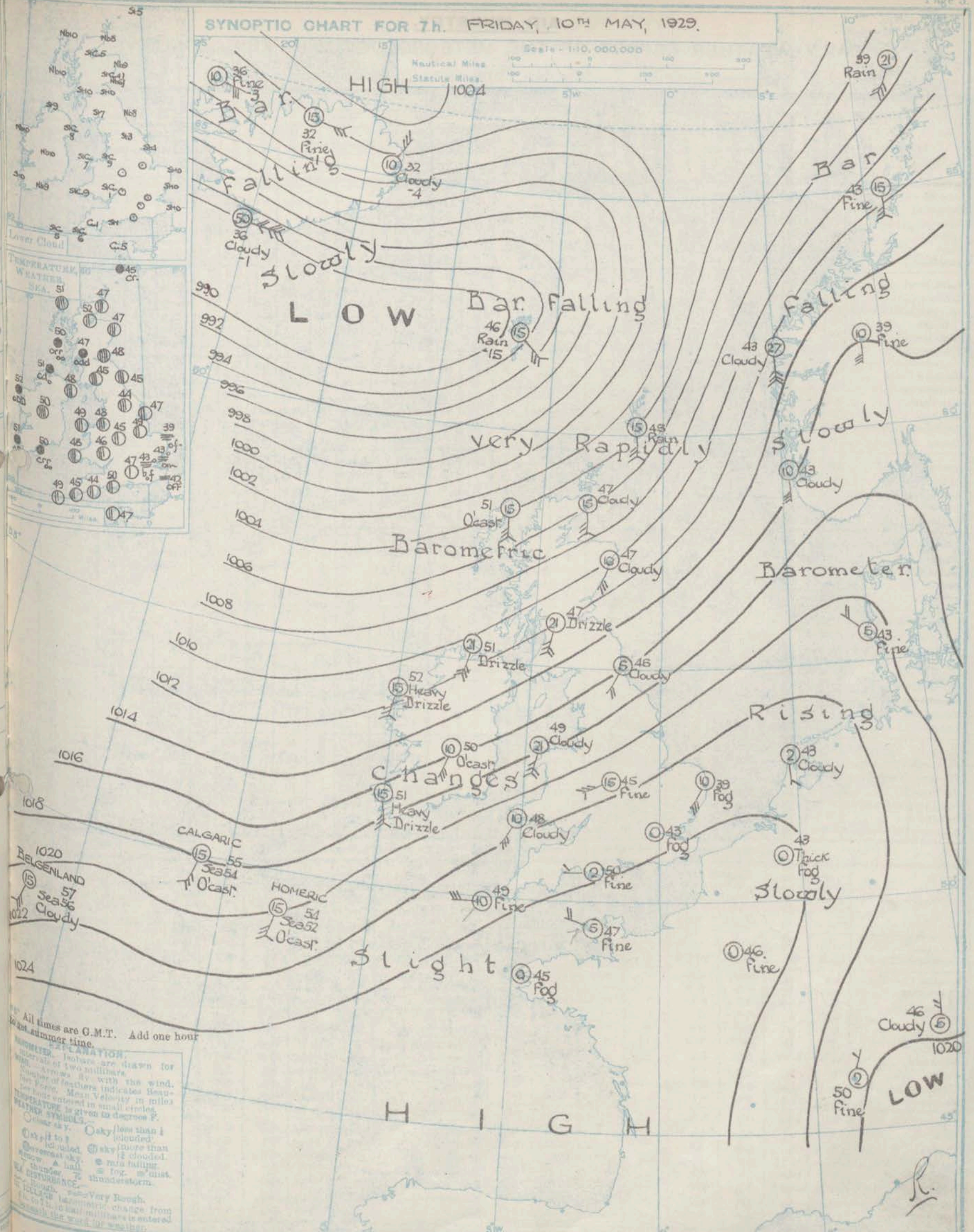
GENERAL INFERENCE.

A large anticyclone extends from the Azores to France and Southern England, while an intense depression near the Faeroe Islands is moving east-north-east. Winds will be southwesterly, strong in northern districts. Weather will be fair in Southeastern England but occasional rain or drizzle will occur elsewhere.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Friday, 10th May, 1929.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind southwest, light to moderate; bright at first, then mainly cloudy; warmer.	Unsettled, but only small amounts of rain in the South.
4. W. Midlands 5. S.W. England	Wind southwest, light to moderate or fresh; cloudy, slight local drizzle later; local coastal fog; warmer.	
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13A. W. Scotland 13B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southwest to west, moderate or fresh, strong at times locally; mainly cloudy, occasional rain or drizzle; mild.	▼ South Cone hoisted at 14h.40m. yesterday in districts 13B and 16, and at 03h.50m. today in districts 12, 13A 15 and 17.

Meteorological Office Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930 G.M.T. G. C. Simpson, C.B.E., F.R.S., Director.

(For code see page 1.) † Trace = rain has fallen, but amount less than 0·1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Friday, 10th May ... 1929. No. 130

Stations.	Height above M.S.L. in feet.	Obs. at 1h. G.M.T. 10th: Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Obs. at 7h. G.M.T. 10th: Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun. 0-6
Lerwick	64	1010.0	-3	S	3	sjp	45	85	8	1500	CuNb	3	ASt	9	1008.9	-11	S	4	cr-	45	97	5	1500	St	5	ASt	10	*
Stornoway	30	1006.5	-7	SW	6	0c.r.	*	*	6	*	*	*	*	10	1002.1	0	S	4	o/r	51	85	7	2500	Nb	10	-	10	3
Wick	81	1010.2	-6	S	5	0r.r.	46	92	8	1500	Nb	10	-	10	1005.0	-5	S	4	c	47	92	8	1500	Nb	8	ASt	9	4
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1007.3	0	S'W	5	or.r.	50	97	7	800	Nb	10	-	10	4
Nairn	23	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.0	*	WSW	3	bc	52	75	8	4000	StCu	5	-	5	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.4	-4	SSW	3	c	47	85	7	1500	Nb	9	ASt	10	0
Malin Head	51	1012.8	-4	S	5	c	48	85	7	4000	StCu	3	ASt	10	1010.1	0	SSW	5	cd.	51	92	7	800	St	9	ASt	10	2
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.5	-1	SSW	5	odd	47	97	6	800	St	10	-	10	*
Edinburgh (Inchkeith)	180	1016.1	-3	SW	3	c	47	65	8	1500	St	9	-	9	1012.2	-3	SW	4	o	48	75	8	1500	St	10	-	10	1
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1011.9	-4	SW	4	c+	49	75	7	1500	Nb	10	-	10	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.0	-2	SSW	7	c	45	92	6	1500	St	7	ASt	10	*
Tynemouth	87	1019.5	-1	W	2	bc	41	85	7	1500	St	2	Cu	3	1016.7	-2	SW	2	c/r	45	75	6	1500	Nb	8	-	8	2
Blacksod Point	19	1012.4	-2	SSE	6	c	50	97	6	*	-	0	ASt	10	1011.5	-1	SSW	4	oDD	52	97	6	*	Nb	10	-	10	4
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.4	-1	SW	3	c/r	48	85	8	2500	StCu	8	-	8	3
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.4	*	SSW	3	o	50	92	7	5700	Nb	10	-	10	*
Holyhead	30	1019.8	-2	SSW	3	bc	47	92	6	2500	StCu	5	-	5	1018.0	-1	SSW	5	c	49	97	7	7200	StCu	7	CiSt	9	3
Liverpool (Bidston)	180	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.6	-1	S'E	3	c	48	75	7	5700	StCu	9	CiSt	9	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.0	-1	SSE	3	c	45	85	7	2500	StCu	8	-	8	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.6	-1	SSW	~~3~~	c	44	65	5	2500	St	3	ASt	9	*
Spurn Head	29	1021.3	0	SW's	2	bc	42	97	7	1500	St	3	-	3	1020.9	0	WSW	2	bc	47	92	6	1500	St	4	CiCu	6	*
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.3	0	WSW	4	bc+	45	75	8	-	-	0	ACu	4	*
Cranwell	226	1021.7	-1	SSE	2	b	38	97	6	-	-	0	-	0	1022.3	+1	WSW	3	bc	49	65	6	-	-	0	Ci	6	*
Gorleston	14	1022.6	-1	S'W	1	fo	41	92	2	450	St	10	-	10	1023.1	+2	SW	3	fo-	39	85	3	1500	St	10	-	10	0
Valentia (Cahirciveen)P	30	1018.5	-5	SW	3	aip	51	97	7	*	St	10	-	10	1017.1	-2	S'E	4	oD-	51	97	5	450	St	10	-	10	4
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.7	-2	SW	3	cr.r.	50	97	7	1500	Nb	9	-	9	4
Pembroke (St. Ann's H.)	190	1022.7	0	W	1	bc	47	92	8	-	-	0	CiSt	4	1021.1	-1	SW	3	c+	48	92	8	2500	StCu	9	-	9	1
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.5	0	WSW	3	c	46	75	6	5700	StCu	1	ACu	8	*
Leafield	812	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.9	0	SW'S	2	b/f	41	97	6	-	-	0	Ci	1	*
Winchester (Worthy Dn.)	373	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.3	+1	-	0	b	43	85	7	-	-	0	Ci	1	*
S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.1	0	-	0	b-	47	85	8	-	-	0	Ci	1	*
London (Kew Obsy.)	18	*	*	*	*	*	47	*	*	*	*	*	*	*	1023.9	+1	-	0	fb-	43	97	2	-	-	0	-	0	*
Croydon	344	1022.7	+1	-	0	b	41	92	5	-	-	0	-	0	1023.2	+1	-	0	b	48	85	6	-	-	0	Ci	2	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.9	+1	WSW	1	ffo	43	97	2	450	St	10	-	10	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.5	+1	SSW	3	~~fo~~ 3	43	97	5	800	St	10	-	10	2
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.5	+1	~~WSW~~	2	ffo	42	97	2	220	St	10	-	10	0
Lympne	350	1022.8	0	E	2	b	41	92	6	-	-	0	-	0	1023.3	+1	-	0	mb	44	92	4	-	-	0	-	0	*
Scilly (St. Mary's)	163	1024.5	0	NW	2	b	45	85	8	4000	Cu	2	-	2	1023.5	0	W	3	bc-	49	85	8	4000	StCu	5	Ci	7	1
Falmouth (Pendennis)	200	1023.5	0	-	0	b	44	85	7	-	-	0	-	0	1023.7	0	-	0	bc+	45	92	8	4000	StCu	6	-	6	0
Plymouth (Cattewater)	32	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.4	+1	E	2	bc-	44	92	6	2500	Cu	1	ACu	6	0
Portland Bill	52	1022.5	+1	W	1	b	46	85	9	1500	St	1	-	1	1023.5	+1	W	1	bc	50	85	7	800	St	1	CiCu	3	1
Southampton (Calshot)	10	1023.6	+1	WNW	1	b	43	85	8	-	-	0	-	0	1024.0	+1	W	2	b-	~~48~~	75	6	-	-	0	Ci	1	2
Dungeness	30	1022.7	+1	ENE	2	FFo	42	97	0	<150	St	10	-	10	1024.2	+2	E	2	FFo	42	97	0	<150	St	10	-	10	0
Guernsey (Fort George) P	206	1024.8	0	-	0	b-	45	92	9	-	-	0	-	0	1024.9	+1	W'N	2	bc+	47	97	8	1500	Cu	5	-	5	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 9th May

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 8th to 9h. 9th.	Temperature. Max. 9h. -17h. 9th.	Rainfall.† Night 17h.-9h. 8th.-9th.	Rainfall.† Day 9h.-17h. 9th.	Sunshine. Sunrise to 17h. 9th.	Sunshine. Sunrise to Sunset. 9th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F	°F	mm.	mm.	hr.	hr.
Berwick-on-Tweed	bcb	bc	42	49	2	-	11.1	4.2
Douglas (I. o. M.)	bv	bv	40	54	-	-	11.8	6.4
Llandudno	b	b	45	53	-	-	12.0	6.2
Colwyn Bay	b	bbc	45	53	-	-	11.5	7.8
Rhyl	bc	b	44	51	-	-	12.0	7.6
Wallasey	b	b	44	52	-	-	12.0	10.5
Southport	b	b	44	53	-	-	12.2	6.0
Blackpool	bcb	bbc	43	52	-	-	11.8	7.1
Ilkley	b	b	37	57	-	-	5.8	2.1
Cleethorpes	ocb	cb	40	51	-	-	4.1	6.8
Skegness	bcoc	cbbc	36	51	-	-	8.6	9.1
Aberystwyth	bc	bbc	40	53	-	-	11.5	7.8
Bath	b	b	36	61	-	-	11.4	10.9
Cheltenham	b	b	34	61	-	-	11.5	3.5
Leamington Spa	bc	c	35	62	0.1	-	9.2	4.6
Lowestoft	b	bbc	41	52	-	-	10.0	10.4
Harwich & Dovercourt	bvb	bcmf	42	65	-	-	10.9	10.1
Malden	bbc	bc	38	60	-	-	9.2	8.4
Southend	bbc	bcz	44	59	-	-	11.3	10.8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	wbc	b	~~38~~	53	-	-	12.0	11.0
Penzance	b	b	39	59	0.3	-	11.6	11.6
Paignton	b	by	36	59	-	-	11.6	8.7
Torquay	by	by	40	60	-	-	11.6	9.6
Jersey	bc	bc	43	58	-	-	11.7	13.3
Weymouth	b	b	40	58	0.1	-	12.0	8.4
Bournemouth	b	b	39	60	-	-	10.5	9.8
Ventnor	bbc	bcb	41	56	-	-	10.6	11.9
Portsmouth (S'thsea)	b	bcb	40	61	-	-	8.2	10.6
Bognor	bc	bcpbc	40	57	-	1	7.7	12.2
Littlehampton	bc	bcpbc	39	56	-	1	5.9	12.7
Worthing	bbc	bc	42	59	-	-	8.7	13.0
Brighton	bcc	cbcc	44	57	-	-	7.2	12.8
Eastbourne‡	bcc	cpbc	44	57	-	2	5.2	13.2
Hastings‡	bcbbc	cotoc	43	57	-	2	3.8	12.5
Folkestone	by	bc	43	59	-	-	8.7	12.8
Dover	yb	bbc	42	59	-	-	8.7	13.4
Tunbridge Wells	bcoc	coc	39	60	-	-	5.5	12.6
Ramsgate	b	bbc	44	61	-	-	11.1	12.6
Margate	bc	bc	44	59	-	-	11.5	13.9
Deal	bc	bc	42	61	-	-	10.4	13.9

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 1.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24642 Saturday 11TH May 1929.

Observations at 15h. G.M.T. 10TH

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1000·8	-2	S	3	c	50	92	7	1500	Cu	5	ASt	10	•
Stornoway	1002·1	+1	SSW	5	o/r	53	75	7	2500	Nb	10	-	10	•
Wick	1003·6	-1	S	4	c	53	92	8	2500	CuNb	7	ASt	10	•
Tiree	1006·8	0	SW	5	c	53	85	8	1500	StCu	10	-	10	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1007·1	-2	SW'S	4	c	53	75	8	1500	Cu	3	ACu	9	1
Malin Head	1010·0	+1	SW	4	c	52	85	7	1500	StCu	9	-	9	•
Renfrew	1010·8	-1	SSW	5	cr₀	51	92	6	800	StCu	10	-	10	1
Edinburgh (Inchkeith)	1010·0	-2	SW	5	c	52	75	8	4000	Cu	4	ASt	10	•
Leuchars	1009·7	-1	SW	5	c	54	85	8	1500	StCu	9	ASt	10	1
Eskdalemuir	1013·0	-2	SSW	7	odd	47	97	6	450	Nb	10	-	10	2
Tynemouth	1014·9	-2	SW	4	o/pr₀	50	75	7	1500	Nb	10	-	10	•
Blacksod Point	1011·6	0	SW	3	c-	55	85	7	•	-	0	ASt	10	•
Donaghadee	1013·5	+1	SW	3	cr₀	52	85	7	2500	StCu	9	-	9	•
Birr Castle	1014·2	•	W	3	od₀	51	85	7	4000	St	10	-	10	•
Holyhead	1016·7	-2	SSW	5	or₀r₀	49	97	6	800	Nb	10	-	10	1
Liverpool (Bidston)	1017·5	-2	SW'W	5	c/pr₀	56	55	7	2500	CuNb	9	-	9	•
Chester (Sealand)	1018·2	-2	SW	4	cr₀	57	55	8	2500	St	5	ASt	9	1
Harrogate	1017·0	-2	SSW	4	c	55	55	7	4000	Nb	3	ASt	9	•
Spurn Head	1017·7	-2	W	5	bc	62	55	7	-	-	0	CuCu	7	•
Birmingham (Edgbaston)	1019·9	-2	SW	4	bc	58	55	8	4000	Cu	1	Ci	4	1
Cranwell	1019·5	-3	SW	5	c+	63	45	7	-	-	0	Ci	8	0
Gorleston	1021·1	-1	S'E	6	fg b	48	92	3	-	-	0	Ci	2	•
Valentia (Cahirciveen)	1016·4	-1	S'W	4	od₀	54	97	6	450	St	10	-	10	1
Roches Point	1018·2	-2	SW	3	od₀	52	97	6	800	St	10	-	10	•
Pembroke (St. Ann's H.)	1020·3	-1	SW	4	c+	51	97	8	2500	StCu	6	CuSt	9	•
Ross-on-Wye	1020·4	-1	SW'W	4	bc+	58	45	8	4000	Cu	1	CiCu	5	0
Leafield	1020·6	-2	SW	4	b	59	45	9	4000	Cu	1	CiSt	2	0
Winchester (Worthy Dn.)	1021·4	-2	S	4	bc	62	45	8	4000	Cu	3	Ci	4	1
S. Farnborough	1021·6	-2	SW	4	b	63	25	9	4000	Cu	1	Ci	1	0
London (Kew Obsy.)	1021·4	-3	SW	5	b	62	45	8	7200	Cu	2	-	2	1
Croydon	1021·5	-2	SW'W	4	bc-	63	35	8	4000	Cu	2	Ci	3	0
Shoeburyness	1022·8	-2	SE	2	b/f	56	75	6	-	-	0	ACu	1	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1022·7		S'E	3	mmc	50	85	4	220	St	8	-	8	0
Lympne	1022·6	-2	SE	3	b	55	75	6	4000	StCu	1	-	1	0
Scilly (St. Mary's)	1022·4	-1	SW	5	c	54	85	8	4000	StCu	6	Ci	9	•
Falmouth (Pendennis)	1022·5	-1	SWS	4	c	53	75	8	4000	Cu	6	ACu	8	•
Plymouth (Cattewater)	1023·3	-1	SW	4	c	53	85	8	4000	Cu	1	ACu	8	1
Portland Bill	1023·2	-1	SW	3	b-	50	85	8	1500	StCu	2	-	2	•
Southampton (Calshot)	1023·[illegible]	-2	WSW	4	b	58	45	8	4000	Cu	1	Ci	2	0
Dungeness	1023·1	0	SW	3	bc-	52	85	7	2500	Cu	4	-	4	•
Guernsey (Fort George)	1024·6	-1	WSW	2	bc-	52	65	8	2500	Cu	2	ACu	3	•

Observations at 15h. G.M.T. 10TH

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1000·7	-1	SW	2	od₀	49	75	7	1500	Nb	10	-	10	•
Stornoway	1001·3	-2	SSW	4	od₀+	49	85	6	2500	Nb	10	-	10	3
Wick	1002·7	0	NW	2	c	54	85	8	2500	CuNb	7	ASt	10	1
Tiree	1005·6	-3	~~WNW~~ SW	5	od₀	50	97	7	800	Nb	10	-	10	4
Nairn	1003·3	•	WSW	4	bc+	55	65	8	2500	CuNb	7	-	7	•
Aberdeen	1005·9	-2	SSW	3	c	56	65	8	1500	St	1	ACu	9	0
Malin Head	1006·1	-5	SSW	5	c	56	75	7	1500	StCu	10	-	10	3
Renfrew	1008·7	-2	SW	3	or₀+	52	97	5	450	Nb	10	-	10	•
Edinburgh (Inchkeith)	1008·2	-3	SW	4	c	53	85	8	4000	Cu	5	ASt	9	2
Leuchars	1008·0	-2	SW	5	cr₀	54	85	7	800	Nb	9	-	9	•
Eskdalemuir	1011·5	-2	SSW	6	odd	46	97	2	2150	St	10	-	10	•
Tynemouth	1011·8	-2	SW	4	c/r	52	75	7	1500	Nb	8	-	8	2
Blacksod Point	1008·1	-4	SW	6	odd	54	97	6	•	Nb	10	-	10	6
Donaghadee	1011·1	-3	SW	3	bc-	55	85	8	2500	StCu	4	ACu	6	3
Birr Castle	1012·2	•	SW	2	c	60	75	6	4000	StCu	10	-	10	•
Holyhead	1014·9	-2	SSW	5	o	49	97	6	450	St	10	-	10	3
Liverpool (Bidston)	1016·0	-1	SW'W	4	c	54	75	9	2500	CuNb	6	CiSt	9	•
Chester (Sealand)	1016·3	-3	SSW	4	c	55	75	8	800	St	10	-	10	•
Harrogate	~~1015·9~~	-1	SW'S	4	c	54	65	7	2500	Nb	9	ASt	10	•
Spurn Head	1016·3	-1	W	4	c+	57	75	7	5700	StCu	5	ACu	9	2
Birmingham (Edgbaston)	1019·0	-1	SW	4	c+	54	55	8	5700	StCu	4	ACu	8	•
Cranwell	1018·7	-1	SW	5	bc+	58	55	8	5700	StCu	5	ACu	7	•
Gorleston	1019·0	-2	S'W	4	bc+	60	45	6	-	-	0	CiCu	4	1
Valentia (Cahirciveen)	1014·7	-2	S'W	4	o	53	97	6	220	St	10	-	10	4
Roches Point	1016·4	-2	SW	2	off	52	97	2	450	St	10	-	10	4
Pembroke (St. Ann's H.)	1018·4	-1	SW	4	cjp	50	97	7	2500	CuNb	10	-	10	3
Ross-on-Wye	1019·3	-2	SW	4	c	54	65	8	4000	StCu	8	CuCu	9	•
Leafield	1019·6	-1	SW'W	3	bc	56	55	9	5700	StCu	4	-	4	•
Winchester (Worthy Dn.)	1020·8	-1	SSW	3	bc	54	55	8	-	-	0	Ci	4	•
S. Farnborough	1020·5	-1	SW	3	b	56	45	8	-	-	0	Ci	1	•
London (Kew Obsy.)	1020·7	-1	SW	4	b	62	35	8	-	-	0	Ci	1	•
Croydon	1020·7	-1	SW	4	bc+	59	35	8	-	-	0	Ci	3	•
Shoeburyness	1021·0	0	SW	3	b	57	45	8	-	-	0	CiSt	1	•
Clacton-on-Sea	1020·6	0	SSW	3	bc	58	65	7	-	-	0	Ci	3	2
Felixstowe	1020·8	+1	SSW	4	b	59	55	8	-	-	0	Ci	2	3
Lympne	1022·1	+1	SW	4	b	56	45	9	-	-	0	Ci	1	•
Scilly (St. Mary's)	1021·1	-2	SWW	4	Ci	52	85	7	4000	Nb	8	-	8	2
Falmouth (Pendennis)	1021·5	-1	SW	4	c	52	85	8	4000	Cu	5	ACu	8	1
Plymouth (Cattewater)	1022·4	-1	SW	4	c	50	92	8	4000	StCu	8	ACu	9	0
Portland Bill	1021·7	-2	SSW	4	c+	49	85	8	2500	StCu	3	CiCu	8	1
Southampton (Calshot)	1022·3	-2	WSW	4	bc	51	75	8	-	-	0	ACu	3	0
Dungeness	1022·4	-1	SW	2	bc-	50	75	8	-	-	0	CiSt	3	2
Guernsey (Fort George)	1024·0	-1	W	1	b-	51	75	8	2500	Cu	1	CiSt	2	0

LONDON OBSERVATIONS.

Day 7h.-18h., Kew & Croydon. 9h.-18h., Kensington. 9h.-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset, hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 HOURS ENDED 9h.								YESTERDAY.	TO-DAY.		
Kew	18	by	by	byo	63	45	40	-	-	12·5	•	•	6
Croydon	244	bc2y	bcby	bwcwm	63	43	39	-	-	14·0	•	•	7
Greenwich (Royal Obsy.)	149	bzy	by	byed₀	68	43	33	-	Tr	12·7	28	74	6
City (Bunhill Row)	50	•	•	•	•	•	•	•	•	10·7	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	64	46	4	-	-	12·0	39	86	•
Regent's Pk. (Botanic Gdns.)	165	•	•	•	•	•	•	•	•	12·2	•	•	•
Camden Square	110	b	b	•	67	46	4	-	1	•	•	92	•
Kensington Palace	80	bc	b	•	66	45	40	-	1	•	(At 18h.) 33	91	•
Hampstead Observatory	450	•	•	•	64	42	36	-	01	12·3	•	95	•

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 11TH

South Kensington

Max.	Time.	Min.	Time.
1·6	8h 10M	<0·3	23h 10M to 6h 11M

Kew Observatory

Max.	Time.	Min.	Time.
0·3	8h 10M	<0·1	4h 11M

POLE STAR RECORD at Greenwich Obsy.

Exposure from 10TH 20h. 45m. to 11TH 3h. 00m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6. 15	6. 9	98
δ Ursæ Minoris	6. 15	6. 9	98

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 15h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

11TH 12TH May, 1929.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.6 / 4.4	11.44 / 11.49	19.34 / 19.36
Greenwich	4.17 / 4.15	11.56 / 11.56	19.36 / 19.38
Wick	3.58 / 3.55	12.9 / 12.9	20.21 / 20.24
Valentia	4.56 / 4.55	12.37 / 12.37	20.19 / 20.21

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
x dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). / before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.

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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

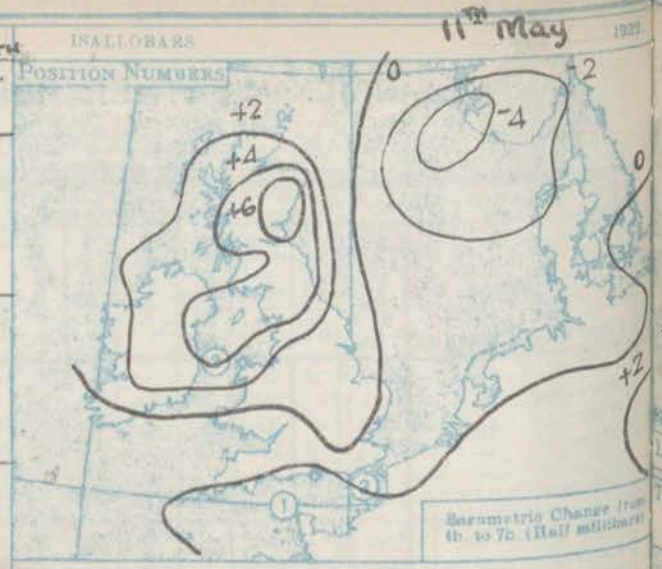
	Objects not visible at 55 yards.
0. Dense fog.	
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6½ „
7. Good.	15½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370. Page

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-12h. 10th	12h.-18h. 10th	18h. 10th to 1h. 11th	1h.-7h. 11th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on Grass	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 10th Hours.
Lerwick	oirm.ld.c	cold.	oir.c	cbc	51	46	•	0.5	<08.00	2	<21.00	0.0
Stornoway	omro	r	corc	orrcbc	53	45	•	0.3	<08.00	4	<21.00	0.2
Wick	c	c	orrc	bbc	54	44	•	–	–	2	<21.00	•
Tiree	d.d.o	od.	d.d.	docbc	54	47	44	1	<08.00	7	<21.00	0.0
Nairn	bcq	q.bc	bccPR	cbc	61	43	•	–	–	1	<21.00	4.1
Aberdeen	c	cir.c	c	cr.rcb	56	49	45	0.1	15.30	2	1.30	0.1
Malin Head	cd.c	c	cirDcDR	cpr.	57	46	•	0.5	<08.00	13	<21.00	0.5
Renfrew	oddd.q	cd.or.	or.r.r	orrbc	57	47	43	0.4	<08.00	8	<21.00	0.7
Edinburgh (Inchkeith)	oc	c	coir.	orcbc	53	47	44	–	–	1	24.00	3.1
Leuchars	c.p.rc	cp.rc	cir.r	r.cbbc	57	48	44	Tr	11.00	5	<21.00	0.7
Eskdalemuir	oddm.	oddf	oidirm	oirc	47	45	44	5	<08.00	8	<21.00	0.0
Tynemouth	cop.q	op.q	cbcq	bcp.q	56	51	48	0.2	11.00	Tr	4.30	•
Blacksod Point ...	d.c	doq	pqc	pbc	56	48	•	0.5	•	5	•	•
Donaghadee	cir.	cir.c	cir.	ir.bc	58	46	•	1	<08.00	1	22.00	•
Birr Castle	oid.	oco	cid	cidc	60	45	39	Tr	<08.00	1	<21.00	0.3
Holyhead	cr.r.q	rir.q	irmmq	id.frcm.	51	48	48	1	09.00	2	<21.00	0.0
Liverpool (Bidston) ...	ccp.	p.cv	rcRr	cd	57	51	49	0.2	12.30	1	22.00	2.3
Chester (Sealand) ...	c	cr.	pr.PRc	c	59	52	48	0.1	12.30	2	<21.00	+92.3
Harrogate	cbcc	cir.	c	cir.	58	50	47	Tr	13.30	0.1	4.30	3.3
Spurn Head	bcy	bcc	c	cprc	63	48	•	–	–	0.6	3.30	9.4
Birmingham (Edgbaston)	bbc	bc	c	c	59	48	47	–	–	–	–	8.3
Cranwell	c	bcy	bcyc	crc	63	48	46	–	–	1	3.30	11.6
Gorleston	fobfbq	fbqby	bcby	bbcc	60	43	41	–	–	–	–	9.2
Valentia (Cahirciveen)	odom.	oidjd	oidir.	oidcbc	55	47	42	0.6	<08.00	0.3	<21.00	0.0
Roches Point	coid.	oid.ffoe	ffoed	odbcb	53	49	•	1	<08.00	0.1	<21.00	•
Pembroke (St. Ann's H.)	bcc	cir.	offr.r.	offd.d	51	48	•	Tr	14.30	0.6	22.00	0.6
Ross-on-Wye	cbcy	cybcyc	c	cp.c	59	49	48	–	–	Tr	4.30	7.3
Leafield	bbc	bbcyv	bcc	cr	61	46	45	–	–	0.4	3.30	11.2
Winchester (Worthy Dn.)	bbcy	bcy	bcyc	cer.or.m.	62	43	41	–	–	0.4	4.30	12.0
S. Farnborough ...	bbcbyv	bvbcby	bybbcw	bcwc	63	43	36	–	–	Tr	6.30	13.9
London (Kew Obsy.) ...	by	by	by	byo	63	45	40	–	–	–	–	12.5
Croydon	bcz.y	bcby	bw	ocwm.c	63	43	39	–	–	–	–	14.0
Shoeburyness	offbz	b	bbc	bcc	65	41	40	–	–	–	–	10.2
Clacton-on-Sea ...	ombccm	bcmbc	bcb	bbc	58	46	43	–	–	–	–	9.8
Felixstowe	cz.	bcby	byb	bcc	60	45	43	–	–	–	–	10.3
Lympne	bmfz.	bz.byv	bmoF	ofbcm.	61	40	37	–	–	–	–	13.0
Scilly (St. Mary's) ...	bcc	cr.	cirod.	oddff	55	50	•	Tr	17.30	0.5	<21.00	4.0
Falmouth (Pendennis)	bcc	cbcc	cr.	omdd.	55	49	•	–	–	0.3	<21.00	5.3
Plymouth (Cattewater)	bccm.	bcc	cbc	bccomddr	55	49	48	–	–	0.3	1.30	4.1
Portland Bill	b.	bc	c	or.r.z.	53	47	•	–	–	1	4.30	•
Southampton (Calshot)	bby	bc	bcbwbcc	ccr.r.m.	60	46	44	–	–	0.1	5.30	13.1
Dungeness	ofcbc	bcbc	bcbc	bbcc	55	45	•	–	–	–	–	•
Guernsey	bcb	bcb	bbc	bcc	54	47	•	–	–	–	–	14.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Pressure.
2	10th 10h	Hibernia	SW	6	c/r	48	48	6
3	11th 1h	Brighton	WNW	2	bc	48	47	9

GENERAL INFERENCE.

Pressure is high to southward and low to northward of the British Isles, and a secondary depression developing to west-south-west of Ireland will cross the British Isles. Weather will be unsettled generally.

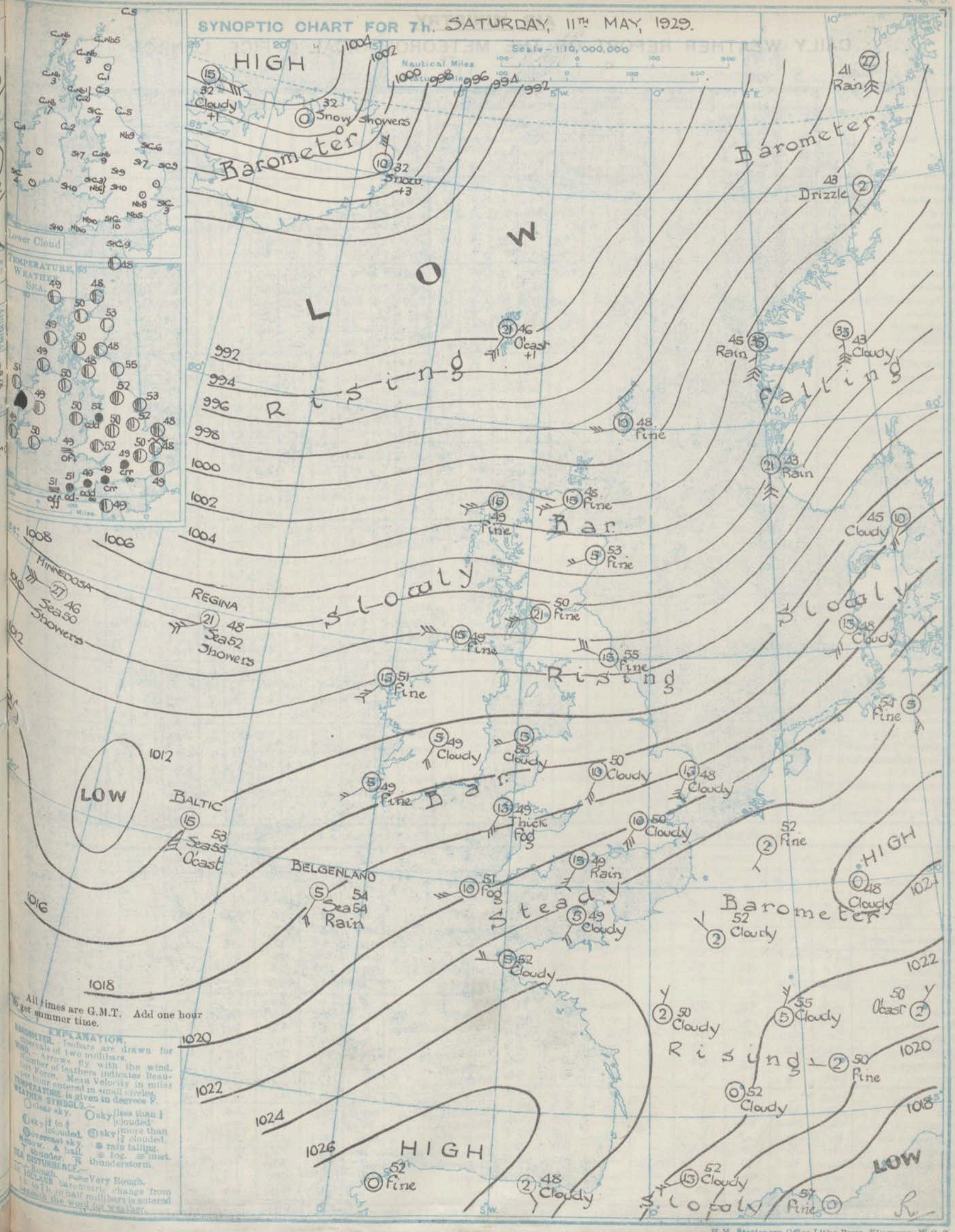
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 11th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind southwest, light or moderate, freshening; dull, occasional slight rain or drizzle; moderate temperature.	Unsettled.
5. S.W. England 6. South Wales	Wind southwest, moderate to fresh or strong; cloudy, some rain; local coast fog; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind west, backing south, light, freshening later; cloudy, some rain; moderate temperature.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind west to southwest, moderate, becoming variable, light; mainly fair today, some rain tomorrow; moderate temperature, cooler tomorrow.	
13. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind west to southwest, moderate or fresh, decreasing; bright intervals; local showers; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland	Wind southwest to variable, light to fresh; becoming cloudy, with some rain, improving again tomorrow; moderate temperature.	
19. S.E. Ireland 20. S.W. Ireland	Wind south, veering west, moderate to strong; cloudy, some rain, improving tomorrow; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930. G.M.T. G. T. Simpson, F.R.S., Director.

† For code see page

† Trace = rain has fallen, but amount less than 0.1

SYNOPTIC CHART FOR 7h. SATURDAY, 11TH MAY, 1929.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Saturday, 11TH May...1929. No. 131.

Observations at 1h. G.M.T. 11TH

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	999.0	-1	SW	2	c	47	92	8	1500	Cu	5	A.Cu	8
Stornoway	30	1002.1	-2	SW	3	c	•	•	7	•	•	•	•	8
Wick	81	1001.3	-2	SW	2	c	46	97	8	1500	Nb	9	-	9
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	27	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1018.2	+3	W	4	c/r	48	85	7	4000	Nb	4	A.St	9
Renfrew	56	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1004.5	-4	SW	4	orr	50	97	8	800	Nb	10	-	10
Leuchars	39	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1009.5	-2	SW	3	bc	52	85	7	1500	Cu	6	-	6
Blackpool Point ...	18	1010.7	+2	SW	5	c	49	85	6	•	CuNb	8	-	8
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	30	1012.5	-2	SSW	5	od.	49	97	3	220	Nb	10	-	10
Liverpool (Bidston)...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1014.3	-1	W	5	c	52	85	7	4000	CuNb	4	ASt	9
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1017.8	0	SW	5	c	51	75	6	4000	StCu	8	-	8
Gorleston	14	1019.1	0	SW'S	3	b	52	65	7	-	-	0	-	0
Valentia (Cahirciveen)P	30	1015.3	+2	SW	3	(o)	51	92	5	•	St	10	-	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1016.4	-2	SW	4	odd	49	97	2	450	St	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	372	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)...	18	•	•	-	•	•	45	•	•	•	•	•	•	•
Croydon	244	1021.1	0	SW'S	3	b+	43	92	7	-	-	0	bi	1
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1022.0	0	SSW	3	ifo	42	97	2	<150	St	10	-	10
Scilly (St. Mary's) ...	163	1019.1	-1	SW	5	od.d.	50	97	4	1500	St	10	-	10
Falmouth (Pendennis)	200	1019.9	-1	SW'S	4	cr.	50	92	8	4000	StCu	8	ASt	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1020.5	-1	SW	4	c	49	92	8	2500	StCu	3	CiSt	10
Southampton (Calshot)	10	1022.2	0	W'S	3	c	49	85	7	-	-	0	ASt	9
Dungeness	20	1022.4	0	SW	3	b	46	97	8	-	-	0	-	0
Guernsey (Fort George) P	205	1023.2	-1	SSW	1	c+	48	85	6	4000	StCu	10	-	10

Observations at 7h. G.M.T. 11TH

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	999.2	0	WSW	3	bc	48	65	7	1500	Cu	5	-	5	•
Stornoway	1002.4	+2	WSW	4	bc	49	75	7	4000	CuNb	7	-	7	3
Wick	1002.9	+2	WSW	4	bc	48	85	8	1500	CuNb	5	-	5	0
Tiree	1007.3	+2	WSW	5	bc	49	92	8	1500	CuNb	3	-	3	4
Nairn	1004.9	•	WSW	3	bc	50	75	8	2500	CuNb	3	ACu	6	•
Aberdeen	1006.2	+6	WSW	2	b	53	65	8	-	-	0	Ci	1	0
Malin Head	1010.5	+3	W	4	bcjp	49	85	8	4000	CuNb	7	-	7	4
Renfrew	1009.7	+5	WSW	5	bc	50	75	8	2500	Cu	3	-	3	•
Edinburgh (Inchkeith)	1008.8	+4	SW	4	bc	48	75	8	1500	Cu	3	ACu	5	2
Leuchars	1008.2	+6	SW	4	b-	51	75	8	1500	Cu	1	-	1	•
Eskdalemuir	1011.5	+4	WSW	4	c-	48	75	8	2500	StCu	2	Ci	8	•
Tynemouth	1011.2	+5	WNW	4	bc/p	55	75	6	1500	Cu	5	-	5	1
Blackpool Point ...	1012.2	+1	SW	4	bc	51	75	8	•	Cu	4	-	4	3
Donaghadee	1014.0	+4	WSW	2	bc+	50	85	7	1500	Cu	2	CiSt	5	2
Birr Castle	1014.7	•	SW	2	c/d	49	85	7	-	-	0	Ci St	9	•
Holyhead	1014.8	+4	W'S	2	c	50	97	6	2500	St	7	Ci	8	1
Liverpool (Bidston)...	1014.7	+2	W	5	cdd	52	97	7	800	CuNb	9	-	9	•
Chester (Sealand) ...	1014.7	+2	W'S	3	c	55	85	8	1500	Nb	10	-	10	•
Harrogate	1013.5	+2	SW	4	c/r	52	92	8	2500	Nb	9	-	9	•
Spurn Head	1014.9	0	W	5	c	53	92	7	4000	StCu	6	CiCu	9	3
Birmingham (Edgbaston)	1016.9	+1	SSW	3	c-	50	92	7	800	St	9	-	9	•
Cranwell	1017.1	+1	SW'W	5	c	52	85	6	1500	St	7	ACu	8	•
Gorleston	1018.8	0	SW'S	4	c	48	85	6	4000	StCu	9	-	9	0
Valentia (Cahirciveen)P	1015.9	0	SW'W	2	bc	49	85	8	1500	StCu	4	CiCu	6	4
Roches Point	1016.5	+2	N	2	b	50	92	8	-	-	0	CiSt	82	0
Pembroke (St. Ann's H.)	1016.6	0	SW	4	Fo+	49	97	1	220	St	10	-	10	4
Ross-on-Wye	1017.4	0	SW	4	c	52	85	7	2500	Nb	9	-	9	•
Leafield	1018.5	0	SW'S	4	o	48	92	8	2500	St	10	-	10	•
Winchester (Worthy Dn.)	1020.2	0	S'W	3	or.	48	92	6	800	St	10	-	10	•
S. Farnborough ...	1019.9	0	SW	4	cr.r.	49	85	7	1500	Nb	8	ASt	10	•
London (Kew Obsy.)...	1020.2	0	SW	4	c	50	85	8	-	-	0	ASt	10	•
Croydon	1020.5	+1	SW'S	4	c	49	85	7	7200	StCu	6	ASt	9	
Shoeburyness	1020.5	0	SW	3	c+	49	97	6	2500	StCu	6	ACu	8	•
Clacton-on-Sea ...	1020.2	0	SSW	4	bc	48	92	7	-	-	0	ACu	7	3
Felixstowe	1020.2	0	SW'S	5	c	49	92	8	800	St	2	ACu	9	6
Lympne	1021.6	0	SSW	4	bc-	46	97	6	-	-	0	ACu	6	•
Scilly (St. Mary's) ...	1019.2	0	W'S	3	ffo	51	97	2	220	St	10	-	10	4
Falmouth (Pendennis)	1019.4	0	SW	3	od-	51	97	6	2500	Nb	10	-	10	1
Plymouth (Cattewater)	1020.2	-1	SSW	5	od.d.	49	97	5	<150	Nb	10	-	10	4
Portland Bill	1020.2	0	SW	4	crr	49	85 92	6	1500	StCu	10	-	10	1
Southampton (Calshot)	1021.6	0	WSW	5	cr.r.	49	92	6	2500	Nb	5	ASt	10	0
Dungeness	1022.0	-1	SW	3	c+	49	85	8	4000	StCu	3	ACu	8	3
Guernsey (Fort George) P	1022.7	+1	SW	2	c+	49	92	8	4000	StCu	9	-	9	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 10TH May

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min.‡ 9h.-9h.	Temperature. Max. 9h.-17h.	Rainfall.† Night 17h.-9h.	Rainfall.† Day 9h.-17h.	Sunshine. Sunrise to 17h.	Sunshine. Sunrise to Sunset.
			10	10	9-10	10	10	9
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	c	c	43	54	-	-	0.0	11.3
Douglas (I. o. M.) ...	oRR	oFr	44	54	0.3	4	0.0	12.8
Llandudno ...	cr	oc	42	56	-	1	1.3	14.2
Colwyn Bay ...	bbcbc	cbcc	45	55	-	1	1.7	14.0
Rhyl...								
Wallasey	bcc	cpc	43	59	-	Trace	1.6	14.5
Southport	oco	opo	*41	56	-	0.1	0.2	14.6
Blackpool	co	opo	41	54	-	1	0.0	13.9
Ilkley	cb	co	31	59	-	-	1.4	6.9
Cleethorpes... ...	b	bc	35	64	-	-	8.9	4.6
Skegness	bcb	b	41	65	-	-	9.8	9.6
Aberystwyth ...	bcc	c	39	53	-	-	0.8	13.3
Bath	b	bbc	36	63	-	-	8.4	13.1
Cheltenham‖ ...	bbc	bbcc	38	61	-	-	9.4	11.3
Leamington Spa ...	bc	bc	37	61	-	-	11.0	10.8
Lowestoft	b	b	39	53	-	-	8.8	10.0
Harwich & Dovercourt	bcm	bc	39	?	Trace	-	9.0	10.9
Maldon	mb	b	40	65	-	-	9.3	10.0
Southend	bm	b	41	63	-	-	9.2	12.1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	cbc	bc	40	55	-	-	3.3	13.7
Penzance	bcb	bc	42	58	-	-	5.1	13.1
Paignton	cbc	bv	37	58	-	-	7.2	13.2
Torquay	cbc	cb	42	59	-	-	7.3	13.1
Jersey	bc	bc	38	56	-	-	12.0	13.7
Weymouth	b	b	38	57	-	-	10.7	14.0
Bournemouth ...	b	b	38	60	-	-	11.7	11.7
Ventnor ...	bz	bz	45	52	-	-	11.3	12.4
Portsmouth (S'thsea)	b	b	42	61	-	-	11.2	10.1
Bognor	b	b	41	57	-	-	12.0	9.2
Littlehampton ...	b	bbc	39	55	-	-	12.1	8.2
Worthing	b	b	40	59	-	-	11.8	10.1
Brighton	b	b	44	57	-	-	11.4	8.6
Eastbourne‖... ...	b	b	40	59	-	-	11.7	5.8
Hastings‖	bmb	b	42	60	-	-	11.7	3.9
Folkestone	bcmb	b	39	59	-	-	8.6	10.1
Dover	fob	by	37	57	-	-	7.7	10.2
Tunbridge Wells ...	b	b	37	64	-	-	11.6	5.7
Ramsgate	bcf	b	44	60	Trace	-	6.1	11.8
Margate	b	b	40	65	-	-	9.0	12.1
Deal	ffbb	b	40	64	-	-	7.7	11.8

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Observations at 15h. G.M.T. 11th

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	State of ground
Lerwick	1002.7	+5	WSW	4	bc	51	75	7	1500	Cu	4	CiSt	5	*
Stornoway	1004.4	+2	SW	5	c/r	54	65	8	4000	CuNb	8	-	8	*
Wick	1005.4	+3	SSW	4	c/jp	56	75	8	2500	CuNb	6	CiSt	8	*
Tiree	1009.7	+3	WSW	5	bc	51	85	7	1500	StCu	6	-	6	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1009.3	+3	SW	4	c+	58	45	8	4000	Cu	6	ASt	9	1
Malin Head	1011.8	+1	W	4	c⊕	53	75	8	4000	Cu	2	CiSt	10	*
Renfrew	1012.2	+2	SW	4	c	54	65	8	2500	StCu	9	CiSt	10	1
Edinburgh (Inchkeith)	1011.2	+3	SW	4	c	51	65	8	4000	Cu	6	ACu	8	*
Leuchars	1011.1	+3	SW	5	bc+	58	55	8	2500	Cu	5	Ci	7	1
Eskdalemuir	1013.6	+1	SW	5	bc	55	45	8	4000	Cu	7	-	7	2
Tynemouth	1013.0	+1	WSW	2	bc	63	45	7	1500	Cu	3	Ci	4	*
Blacksod Point	1012.3	0	SW	3	c	53	75	8	*	CuNb	10	-	10	*
Donaghadee	1014.1	0	SW'W	2	bc	59	55	8	2500	StCu	6	-	6	*
Birr Castle	1013.8	*	SW	3	c	58	55	8	4000	StCu	8	-	8	*
Holyhead	1015.0	0	SW'S	1	b-	58	65	8	2500	Cu	1	Ci	2	1
Liverpool (Bidston)	1015.7	+1	NW'N	3	c	56	65	7	1500	CuNb	9	..	9	*
Chester (Sealand)	1015.6	+1	NNW	2	c	57	65	6	1500	Cu	9	-	9	1
Harrogate	1014.9	+1	SW'S	3	bc	60	55	8	4000	Cu	5	CiCu	7	*
Spurn Head	1015.6	0	WSW	4	c	59	85	7	4000	StCu	10	-	10	*
Birmingham (Edgbaston)	1017.0	0	SW	4	c+	57	85	8	2500	Nb	8	-	8	1
Cranwell	1016.8	0	SWW	4	c	62	75	7	2500	StCu	10	-	10	1
Gorleston	1018.3	0	SW	3	or₀	53	85	6	2500	Nb	10	-	10	*
Valentia (Cahirciveen)	1014.4	-2	S'E	4	c	55	75	8	2500	St	8	ASt	10	5
Roches Point	1016.4	0	SW	3	c	53	85	8	2500	StCu	9	-	9	*
Pembroke (St. Ann's H.)	1016.7	0	SW	3	FFo	51	97	1	220	St	10	-	10	*
Ross-on-Wye	1017.3	0	SW	3	c	57	85	7	4000	StCu	8	ASt	9	0
Leafield	1018.6	+1	S'W	4	c	53	85	8	1500	St	9	ASt	10	1
Winchester (Worthy Dn.)	1020.0	0	S'W	4	od₀	51	92	7	800	St	10	-	10	1
S. Farnborough	1019.9	0	SW	4	od₀	53	85	7	1500	Nb	10	-	10	1
London (Kew Obsy.)	1020.4	0	SW	4	c	56	75	7	2500	StCu	10	-	10	0
Croydon	1020.6	0	SW	4	c	55	75	7	1500	StCu	10	-	10	0
Shoeburyness	1020.5	0	WSW	3	c-	57	85	7	2500	StCu	7	ASt	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1020.2	-1	SW	3	cr₀	53	85	7	1500	Nb	4	ASt	10	0
Lympne	1021.2	-1	SW	4	c	56	75	8	4000	StCu	5	ASt	9	0
Scilly (St. Mary's)	1018.7	0	SW	4	FFo	53	97	1	450	St	10	-	10	*
Falmouth (Pendennis)	1019.6	0	SW'S	3	c	55	92	7	4000	StCu	10	-	10	*
Plymouth (Cattewater)	1019.8	0	SW	3	ffo	51	97	2	<150	St	10	-	10	1
Portland Bill	1020.2	0	SSW	4	od₀	50	92	5	800	St	10	-	10	*
Southampton (Calshot)	1021.3	0	SW'W	4	cr₀	53	85	7	800	St	6	ASt	10	1
Dungeness	1022.0	-1	WSW	3	c	52	75	8	4000	StCu	10	-	10	*
Guernsey (Fort George)	1022.6	0	SW	3	c	53	85	9	2500	StCu	10	-	10	*

Observations at 18h. G.M.T. 11th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1004.3	0	WSW	3	bc	50	75	7	1500	StCu	4	CiSt	5	*
Stornoway	1005.4	+1	SW	3	c/pr₀	49	75	7	4000	CuNb	9	-	9	4
Wick	1006.7	+1	SW	3	c	52	85	8	2500	CuNb	3	ASt	8	0
Tiree	1008.4	0	WSW	5	c	50	97	8	1500	CuNb	10	-	10	4
Nairn	1008.4	*	WSW	3	bc	53	65	8	2500	Cu	6	-	6	*
Aberdeen	1009.7	0	SSW	3	c	54	55	7	2500	Cu	1	ASt	9	0
Malin Head	1011.2	-1	WSW	3	c	50	75	8	2500	StCu	9	-	9	4
Renfrew	1011.7	-1	SW	3	c	53	65	7	4000	StCu	10	-	10	*
Edinburgh (Inchkeith)	1010.7	-1	SW	3	c	53	65	8	4000	Cu	3	ASt	9	1
Leuchars	1010.8	-2	WSW	5	c	55	65	8	4000	Cu	3	CiSt	10	*
Eskdalemuir	1012.9	-1	SSW	4	c⊕	50	65	8	2500	StCu	2	CiSt	8	*
Tynemouth	1012.6	-1	WSW	2	bc	59	45	7	1500	Cu	3	-	3	0
Blacksod Point	1010.5	-1	SW	4	c	57 (53)	75	8	*	CuNb	9	-	9	3
Donaghadee	1013.1	-2	SW	2	c-	53	75	8	2500	StCu	4	ASt	8	2
Birr Castle	1011.5	*	W	1	or₀+	56	65	6	4000	Nb	10	-	10	*
Holyhead	1013.5	-3	SSW	4	c+	49	92	8	450	St	6	ASt	9	1
Liverpool (Bidston)	1014.0	-2	WNW	1	c+	58	65	8	4000	StCu	5	CiSt	9	*
Chester (Sealand)	1014.7	-1	W'S	3	bc	60	55	8	4000	Cu	2	CiCu	7	*
Harrogate	1013.6	-1	SW'S	3	c	59	65	7	4000	Nb	8	CiCu	9	*
Spurn Head	1015.0	0	W'S	3	c	57	92	7	4000	StCu	10	-	10	1
Birmingham (Edgbaston)	1016.3	-1	SSW	3	bc+	58	75	8	2500	Nb	6	Ci	7	*
Cranwell	1016.7	0	SW	4	c	58	85	7	2500	StCu	10	-	10	*
Gorleston	1017.5	-2	SW	3	bc	61	65	6	-	-	0	CiCu	5	0
Valentia (Cahirciveen)	1012.8	-2	S'W	3	c/pr₀	53	85	8	800	St	8	ASt	10	4
Roches Point	1013.2	-3	SW	2	cr₀	51	97	6	1500	Nb	9	-	9	0
Pembroke (St. Ann's H.)	1014.2	-2	S	3	fo-	49	92	2	220	St	10	-	10	2
Ross-on-Wye	1016.3	-1	SW	3	c	57	75	8	2500	Nb	8	ASt	9	*
Leafield	1017.7	-1	S	3	c	54	85	8	1500	StCu	9	-	9	*
Winchester (Worthy Dn.)	1018.8	-2	SSW	3	od₀	51	92	6	800	St	10	-	10	*
S. Farnborough	1018.9	-1	SW	4	o	52	85	6	800	St	10	-	10	*
London (Kew Obsy.)	1019.3	-2	SSW	3	c	55	85	7	1500	St	10	-	10	*
Croydon	1019.2	-2	SW'S	3	c-	54	85	7	1500	St	8	ASt	9	*
Shoeburyness	1019.8	0	SSE	2	c	55	97	7	1500	StCu	10	-	10	*
Clacton-on-Sea	1019.1	0	SSW	4	bc	55	85	7	5700	StCu	7	-	7	3
Felixstowe	1019.0	-1	SSW	4	c	56	85	8	2500	StCu	9	-	9	3
Lympne	1020.3	-1	WSW	4	c+	52	85	8	7200	StCu	7	ASt	10	*
Scilly (St. Mary's)	1017.4	-2	SW	4	or₀	51	97	6	1500	St	10	-	10	2
Falmouth (Pendennis)	1018.1	-1	SW'S	4	od₀	51	97	6	1500	St	10	-	10	1
Plymouth (Cattewater)	1018.9	-1	SSW	2	od₀d₀	50	97	1	<150	St	10	-	10	1
Portland Bill	1018.9	-1	SW	4	ffo	49	97	2	450	St	10	-	10	1
Southampton (Calshot)	1019.9	-2	WSW	4	c	52	92	7	1500	St	5	ASt	10	0
Dungeness	1020.4	-2	WSW	2	c	49	92	8	4000	StCu	6	ASt	10	2
Guernsey (Fort George)	1021.5	-1	WSW	4	c.d₀	52	92	8	2500	St	7	ASt	10	3

LONDON OBSERVATIONS. Day 7h–18h, Kew & Croydon. 9h–18h, Kensington. 9h–21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
		24 Hours ended 9h.								Yesterday.		To-day.	
Kew	18	cdm₀	c	oci₀, c	58	51	51	0.4	0.1	0.0	*	*	6
Croydon	264	c.i.r₀	c	comid₀	56	50	50	0.1	Tr.	0.1	*	*	5
Greenwich (Royal Obsy.)	148	cddc	c	cd₀r₀	60	51	49	1	Tr.	0.0	72	88	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	61	51	*	0.5		0.0	75	63	*
Regent's Pk. (Botanic Gdns).	162	*	*	*	*	*	*	*	*	0.0	*	*	*
Camden Square	110	or₀	c	*	57	51	*	1	1	*	*	94	*
Kensington Palace	80	or	o	*	56	51	50	0.3	0.4	*	(At 18h) 87	?	*
Hampstead Observatory	450	*	*	*						0.0	*		*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 12th.

South Kensington Max.	Time.	Min.	Time.
0.6	8h 11th	<0.3	23h 11th + 5h 12th

Kew Observatory Max.	Time.	Min.	Time.
0.2	9h 11th	<0.1	4h 12th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 11th 21 h. 00 m. to 12th 2 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	5 45	Nil	-
δ Ursae Minoris	5 45	Nil	-

CODE FOR STATE OF GROUND.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 15h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET. 12th–15th May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.4 / 4.2	11.49 / 11.49	19.36 / 19.37
Greenwich	4.15 / 4.14	11.56 / 11.56	19.38 / 19.59
Wick	3.55 / 3.53	12.9 / 12.9	20.24 / 20.26
Valentia	4.55 / 4.56	12.37 / 12.37	20.21 / 20.22

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain. rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♆ = lunar halo.
When 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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0 = no swell, 1 = mod. swell, 2 = heavy swell — Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell — Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

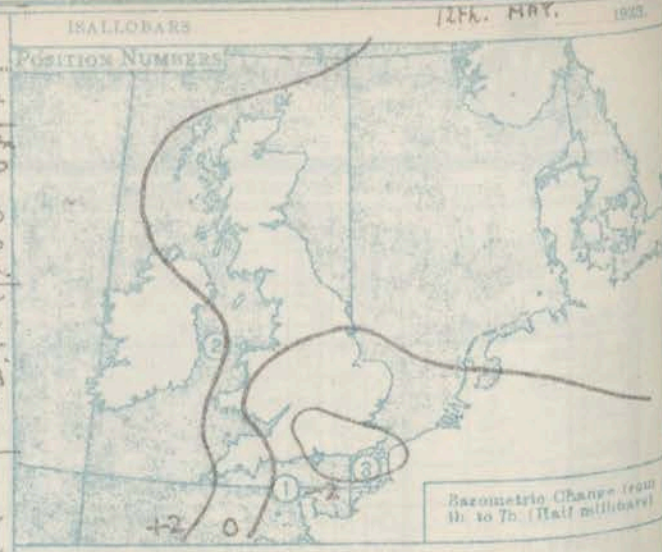
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 miles.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 11th.	Weather. 18h.-18h. 11th.	Weather. 18h. 11th. to 1h. 12th.	Weather. 1h.-7h. 12th.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass.	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun. 11th. Hours.
Lerwick	bc	bc	bc	bc	52	45	•	-	-	-	-	13.4
Stornoway	bpbc	b	b-bc	bpbc	54	42	•	2	<8.00	0.5	2.30	8.0
Wick	bpbc	cbpbc	b-bc	bbc	56	41	•	0.1	<8.00	-	-	•
Tiree	pcbbc	pbco	cbc	cbbc	57	44	40	1	<8.00	2	5.30	5.0
Nairn	bcpq	bccbc	bc	bc	58	39	•	0.1	9.00	-	-	7.0
Aberdeen	bbccy	cy	cyc	cbcb	60	41	34	-	-	-	-	6.4
Kalin Head	bcpbc	c	cbcbbc	cbbc	55	45	•	Tr	<8.00	1	22.00	4.1
Renfrew	bcqc	cep	cm	cwm	56	37	30	Tr	16.30	-	-	6.1
Edinburgh (Inchkeith)	bcc	c	cbc	bcc	53	45	40	-	-	-	-	7.5
Leuchars	bbc	bcyc	cbcw	bcwcw	59	41	34	-	-	-	-	9.3
Eskdalemuir	bcy	bcc	c	cbm	56	42	39	-	-	1	2.30	7.1
Tynemouth	bc	bc	bccbc	cbc	63	46	45	-	-	2	22.00	•
Blacksod Point ...	pcq	pc	pc	pcbc	54	45	•	1	•	1	•	•
Donaghadee	bc	bcc	cbc	cbc	60	43	•	-	-	1	22.00	•
Birr Castle	cbcby	bcom	cbcc	cbc	59	45	39	Tr	17.30	0.2	22.00	6.7
Holyhead	cbc	bbc	[illegible]	[illegible]	59	48	47	-	-	3	22.00	9.4
Liverpool (Bidston) ...	dcc	ccbc	cor	orm	58	49	49	Tr	<8.00	6	22.00	4.1
Chester (Sealand) ...	cdm	cbbc	bcpr	crrm	62	50	48	Tr	<8.00	3	22.00	3.4
Harrogate	cbc	bcc	cRR	crr	63	49	46	-	-	4	22.00	6.4
Spurn Head	c	c	c	oRor	62	49	•	-	-	4	2.30	1.7
Birmingham (Edgbaston)	c	cpb	bcc	corr	59	49	49	Tr	16.30	5	2.30	0.9
Cranwell	c	c	c	corr	64	50	50	-	-	4	2.30	2.9
Gorleston	cqodr	orbc	bcc	c	6	51	46	0.2	11.00	-	-	1.8
Valentia (Cahirciveen)	bcc	bcpbc	bcbp	bcbwbc	56	49	43	0.1	15.30	0.2	21.00	4.3
Roches Point	bbcc	cir	ccrb	b	56	44	•	1	14.30	0.3	21.00	•
Pembroke (St. Ann's H.)	oFfd	oFfcd	offcr	orrbc	52	47	•	1	13.30	1.2	21.00	0.0
Ross-on-Wye	c	cobbcc	cocd	pcrr	60	50	50	0.2	15.30	5	21.00	2.4
Lanfield	oc	cpbc	co	orr	56	48	48	Tr	15.30	1	2.30	0.9
Winchester (Worthy Dn.)	bcmcd	Oidom	ocdff	ofform	52	49	49	Tr	<0800	2	21.00	0.0
S. Farnborough ...	orrdb	odo	o	ombr	53	49	49	0.4	<8.00	0.2	6.30	0.0
London (Kew Obsy.) ...	cdmc	c	oc	cbc	58	51	51	0.2	<8.00	0.1	5.30	0.0
Croydon	cim	c	com	omd	56	50	50	0.1	9.00	Tr	6.30	0.1
Shoeburyness	oirc	cbrc	cbcc	cc	59	50	48	0.5	<8.00	Tr	6.30	0.2
Clacton-on-Sea ...	bcopd	opdbc	bc	bcco	58	50	49	0.1	9.00	-	-	0.5
Felixstowe	orrmcr	c	c	c	58	49	49	0.1	9.00	-	-	0.9
Lympne	bcmc	cbr	prom	odoc	57	47	46	Tr	15.30	Tr	21.00	2.8
Scilly (St. Mary's) ...	off	offrm	offrr	ofrrc	53	49	•	0.5	13.30	9	21.00	0.0
Falmouth (Pendennis)	odFc	cm	odF	oFRr	56	50	•	Tr	<8.00	4	21.00	4.4
Plymouth (Cattewater)	omdff	offdcd	orrFcd	ocrr	57	49	49	0.5	<8.00	3	21.00	0.0
Portland Bill	orodm	oldof	iFodrF	iFiR3	50	48	•	Tr	<8.00	2	22.00	•
Southampton (Calshot)	cmcci	circ	comc	omodff	54	49	49	1	<8.00	3	3.30	0.0
Dungeness	crc	crc	cocd	odc	53	47	•	Tr	11.00	Tr	21.00	•
Guernsey	cidV	cv	cocb	codFF	56	49	•	Tr	9.00	1	?	0.1



Observations from Cross Channel Steamers

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
2	11th 10h	HIBERNIA	WNW	3	bc	51	49	7
1	" 12h	SCHENIER	SW	4	c+	54	49	7
3	11th 1h	DIEPPE	WSW	2	c	49	46	8

GENERAL INFERENCE

Pressure continues low to the North of the British Isles, while a trough over England is moving east-north-east. Rain will occur at first in eastern and southern districts but weather will be mainly fair elsewhere.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday, 12th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind southwest moderate, veering west or northwest; dull, some rain, perhaps thunder, improving later; moderate temperature.	Westerly winds and rather unsettled weather.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind west or northwest, light or moderate; mainly fair; moderate temperature.	
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Variable to westerly wind, light or moderate; dull, some rain, improving later; moderate temperature.	
12. S.W. Scotland & Isle of Man 13 A. W. Scotland 13 B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind mainly between southwest and west, light or moderate; mainly bright but local showers; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between west and northwest, light or moderate; mainly fair; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 11.30 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For 24h. see back †

† Trace = rain has fallen, but amount less than 0.1 mm.

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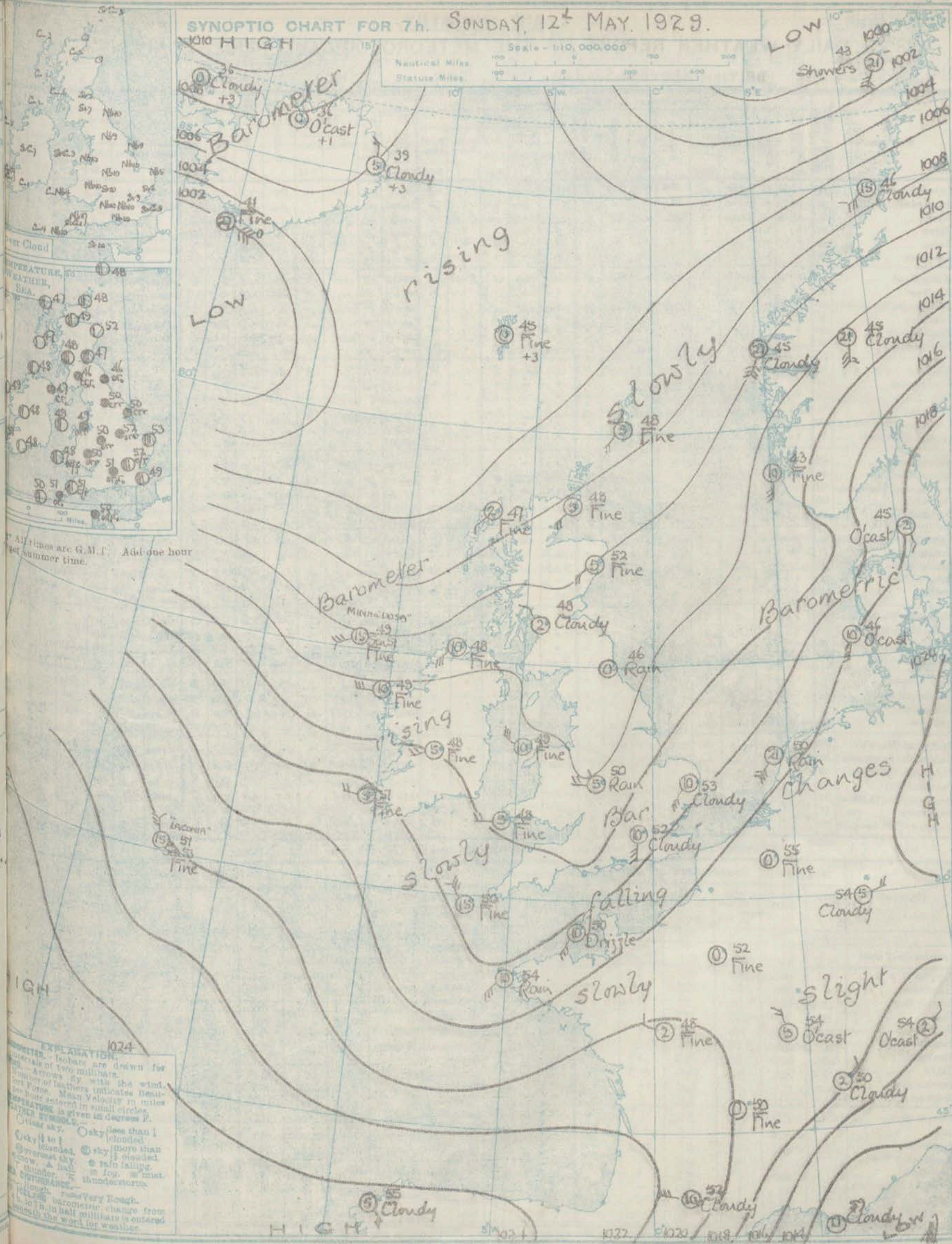


H M Stationery Office Litho Press, Kingsway, W C 2

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Sunday 12th May 1929. No. 132

Stations	Height above M.S.L. in feet	Observations at 1h. G.M.T. 12th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-6	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Observations at 7h. G.M.T. 12th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-6	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sun
Lerwick	54	1006.1	+1	SW	2	bc	47	85	8	1500	St.Cu	3	-	3	1007.1	+2	SW	2	bc	48	85	8	1500	St.Cu	3	-	3	•
Stornoway	30	1007.3	+1	SW	3	b-	•	•	8	•	•	•	•	2	1007.4	+1	SW	1	bc	47	75	8	4000	Cu.	3	-	3	0
Wick	82	1007.6	0	WSW	3	bc	45	85	8	2500	St.Cu.	4	Ci.St.	7	1008.6	+2	SW	2	bc	48	92	8	-	-	0	A.Cu.	4	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.5	0	SSW	2	b	47	92	8	2500	Cu.	2	-	2	1
Nairn	52	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.1	•	W	2	bc	49	75	8	4000	Cu.	5	-	5	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.2	+1	SW	2	b	52	75	8	-	—	0	A.Cu.	2	0
Malin Head	81	1011.0	0	SSW	2	c/o	47	92	7	4000	Nb.	3	A.St.	10	1011.5	+1	SW	3	bc	48	85	8	4000	Cu.	2	A.Cu.	3	2
Renfrew	58	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.3	0	NW	1	c	48	97	6	4000	Cu.	6	A.Cu.	9	•
Edinburgh (Inchkeith)	130	1010.6	-1	SW	1	bc	48	85	8	2500	St.	5	-	5	1010.6	0	WSW	1	c	47	85	7	2500	St.	2	A.St.	9	0
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.0	0	WSW	2	c	49	85	7	3700	St.Cu.	8	A.Cu.	9	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.3	0	SE	2	c/o	46	92	6	800	St.	7	A.St.	10	•
Tynemouth	67	1012.1	-1	SW	2	c/b	50	75	6	1500	Nb.	8	-	8	1011.8	-1	-	0	o/o	46	97	6	1500	Nb.	10	-	10	0
Blacksod Point	18	1010.8	+1	-	0	c	48	85	7	•	Cu.Nb	8	-	8	1012.8	+2	W	3	bc	49	75	8	•	Cu.	5	-	5	2
Donaghadee	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.6	+2	SW'W	2	c/o	47	92	8	4000	Nb.	8	-	8	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.8	•	WSW	2	bc+	48	85	7	4000	St.Cu.	7	-	7	•
Holyhead	26	1011.4	-1	SW	3	f0-	49	97	4	2200	St.	10	-	10	1012.7	+2	WNW	3	bc	49	85	7	4000	St.Cu.	3	Ci.	5	1
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.2	0	SW	2	o/r	49	97	6	1500	Nb.	10	-	10	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.2	-1	SE'S	1	o/r	50	92	5	800	St.	10	-	10	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.9	0	SSW	1	c/r	50	92	6	2500	Nb.	9	A.St.	10	•
Spurn Head	29	1013.3	-1	WSW	4	c	52	97	7	4000	St.Cu.	9	-	9	1012.6	0	SW	3	c/r	50	97	6	4000	Nb.	8	A.St.	10	1
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.2	-1	W	2	o/r	50	97	6	1500	Nb.	10	-	10	•
Cranwell	230	1015.1	-2	SSW	4	c/r	52	97	6	2500	St.	5	A.St.	10	1013.8	-1	SW	3	o/r	52	97	6	800	Nb.	10	-	10	•
Gorleston	14	1016.8	-2	SW	3	c	52	85	6	-	-	0	A.St.	10	1015.5	0	SW	3	c	53	85	6	2500	Nb.	5	A.St.	10	0
Valentia (Cahirciveen) P	30	1014.4	+1	W	3	c/p/o	50	97	8	•	St.	8	-	8	1016.1	+3	WNW	2	bc	57	75	8	1500	Cu.	3	-	3	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.7	+3	N	2	b	48	85	8	2500	Cu.	1	-	1	0
Pembroke (St. Ann's H.)	160	1013.5	-1	SW	3	o/o	49	97	5	800	St.	10	-	10	1012.8	+1	W	2	bc/f	48	97	7	1500	Cu.Nb	4	Ci.Cu.	7	2
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.4	-1	W'S	1	o/r	50	97	6	1500	Nb.	10	-	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.3	-1	SE	4	o/r	49	97	8	2200	Nb.	10	-	10	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.7	-3	S	3	o/r	50	97	6	4500	Nb.	10	-	10	•
S. Farnborough	257	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.0	-2	SSW	4	o/o	51	92	6	4500	Nb.	10	-	10	•
London (Kew Obsy.)	18	•	•	•	•	•	52	•	•	•	•	•	•	•	1015.3	-1	S	3	c/r	52	92	8	1500	St.	9	A.St.	10	•
Croydon	244	1015.2	-2	SW'S	3	0	51	92	6	800	St.	10	-	10	1015.8	-2	SSW	4	o/o	51	92	5	4500	Nb.	10	-	10	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.6	-3	S	3	c/o	52	92	8	800	Nb.	9	A.St.	10	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.5	-1	S	4	o	51	92	7	4000	St.	10	-	10	3
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.7	-1	SSW	4	c	51	92	8	1500	St.	6	A.St.	10	3
Lympne	350	1019.3	-2	SSW	4	0	48	92	6	800	St.	10	-	10	1017.3	-2	S	3	c	48	85	7	1500	St.Cu.	10	-	10	•
Scilly (St. Mary's)	163	1014.6	-2	W'S	3	o/r	51	97	3	1500	St.	10	-	10	1015.8	+2	NNW	4	bc-	50	97	7	4000	Cu.	4	-	4	2
Falmouth (Pendennis)	200	1015.1	-3	SSW	4	F/o	51	97	0	4500	St.	10	-	10	1014.0	+2	NW	2	o/o	51	97	7	1500	Nb.	10	-	10	0
Plymouth (Cattewater)	63	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.7	+2	NNW	2	c/r	51	85	8	1500	Nb.	9	-	9	1
Portland Bill	52	1016.9	-3	SW	3	F/o	49	97	1	2200	St.	10	-	10	1015.7	-1	SW	3	o/r	49	97	6	800	St	10	-	10	1
Southampton (Calshot)	10	1017.9	-3	SW'W	5	o	50	97	6	4500	St.	10	-	10	1015.5	-3	SW	5	o/o	51	97	6	800	Nb.	10	-	10	5
Dungeness	20	1017.3	-2	SW	2	o/o	48	92	8	2500	Nb.	10	-	10	1017.1	-2	SSW	2	c-	49	85	8	4000	St.Cu.	8	-	10	2
Guernsey (Fort George) P	205	1019.0	-3	SW	2	c+	52	85	8	2500	St.Cu.	10	-	10	1016.6	-1	SW	3	c/o	50	97	7	4500	St.	10	-	10	•

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 11th May

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. 9h.-10th. to 9h. 11th. °F.	Temperature Max. 9h.-17th. 11th. °F.	Rainfall† Night 17h.-9h. 10th.-11th. mm.	Rainfall† Day 9h.-17h. 11th. mm.	Sunshine Sunrise to 17h. 11th. hr.	Sunshine Sunrise to Sunset 10th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	bcb	bbc	49	61	Trace	-	10.8	0.0
Douglas (I. o. M.)	b	bbbc	44	56	2	-	11.1	0.0
Llandudno	bc	obc	51	58	0.5	-	7.7	1.8
Colwyn Bay	ccb	bbcb	51	58	1	-	3.5	1.9
Rhyl	bc	b	50	57	1	-	5.3	1.8
Wallasey	bcc bc	bcb	49	56	1	-	3.9	1.6
Southport	bc	obc	* 51	56	0.5	-	5.1	0.2
Blackpool	odc	bcc	50	57	1	-	6.5	0.0
Ilkley	c bc	bcc	49	64	0.3	-	7.4	1.4
Cleethorpes	coc	c	50	65	-	-	2.6	8.9
Skegness	cobr	obc bcc	48	65	1	-	1.6	10.1
Aberystwyth	odr	bcc	49	53	1	0.5	0.9	0.8
Bath	c	cbcc	50	57	0.3	-	1.1	8.7
Cheltenham	oc	cbcc	49	61	0.3	-	2.2	9.4
Leamington Spa	c	c	49	61	-	-	0.0	11.6
Lowestoft	c	cbcb	43	56	-	-	1.0	9.5
Harwich & Dovercourt	bcr	bc	43	60	-	-	0.5	?_
Malden	odo	oc	39	59	-	Trace	0.0	11.3
Southend	or	cbb	44	58	0.2	0.1	0.4	11.1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	pcoc	cobc	50	55	1	0.2	0.0	3.3
Penzance	cm	com	50	57	2	-	0.0	5.1
Paignton	od.p	od.bcc	50	54	3	Trace	0.1	7.7
Torquay	ordom	oid.pm	50	55	1	Trace	0.0	8.3
Jersey	c	c	45	57	-	-	0.3	14.0
Weymouth	ddm	off	48	50	2	0.1	0.0	11.6
Bournemouth	d	d	47	51	2	0.3	0.0	12.1
Ventnor	orm	ou	47	51	0.3	Trace	0.0	12.5
Portsmouth (S'thsea)	or.o	o	47	55	1	0.4	0.0	13.3
Bognor	o	o	47	52	-	-	0.0	14.1
Littlehampton	c	c	47	53	-	-	0.0	14.3
Worthing	c	c	47	55	-	-	0.0	13.7
Brighton	o	o	47	54	-	-	0.2	13.4
Eastbourne	r.c	c	46	55	Trace	Trace	1.6	13.8
Hastings‡	ocbcc	ob.cc	45	53	-	Trace	1.9	13.4
Folkestone	wbcc	cbr.	44	55	-	Trace	2.8	10.5
Dover	c	c	45	52	-	-	3.2	9.6
Tunbridge Wells	o	o	42	56	-	-	0.1	13.7
Ramsgate	bcc	c	43	58	-	-	2.8	7.7
Margate	c	c	42	60	-	-	2.7	11.1
Deal	bbo	o	43	60	-	-	2.5	9.9

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 1.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ✠ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24644 Monday, 13th May 1929. Page 1.

Observations at 18h. G.M.T. 12th (left); Observations at 18h. G.M.T. 12th (right)

Observations (first set)

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1008.8	+1	SW	2	bc	53	65	8	1500	StCu	2	ACu	4	•
Stornoway	1008.0	0	SSW	3	bc/pR-	51	75	8	4000	Cu	7	-	7	•
Wick	1009.3	+1	SW	3	bc	51	75	8	2500	CuNb	5	Ci	6	•
Tiree	1011.1	+1	SSW	5	b	53	85	9	2500	Cu	1	-	1	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1010.4	0	SSE	3	cr	51	85	6	2500	CuNb	8	ACu	9	1
Malin Head	1012.9	+1	W	4	b	53	65	8	4000	Cu	2	-	2	•
Renfrew	1012.9	+1	WNW	2	c/pr0	52	75	8	2500	Cu	9	-	9	1
Edinburgh (Inchkeith)	1010.5	0	WSW	1	c	52	85	7	1500	St	10	-	10	•
Leuchars	1010.7	-1	WSW	3	c-	56	65	8	4000	CuNb	8	-	8	1
Eskdalemuir	1011.7	+1	SW	1	cr-	50	75	8	1500	St	7	ASt	9	2
Tynemouth	1011.8	0	NNE	1	o/r	47	92	7	1500	St	10	-	10	•
Blacksod Point	1014.9	+2	W	3	bc	52	75	8	•	CuNb	4	-	4	•
Donaghadee	1013.6	+1	NNE	1	bc/pr0	52	75	8	2500	CuNb	6	-	6	•
Birr Castle	1015.[illegible]	•	W	3	bc	55	55	8	2500	Cu	6	-	6	•
Holyhead	1014.4	+2	WNW	3	b	54	65	8	4000	Cu	1	Ci	2	1
Liverpool (Bidston)	1013.8	+2	WNW	5	bc+	52	85	8	1500	CuNb	1	ACu	4	•
Chester (Sealand)	1013.7	+2	NW	5	c	52	85	8	2500	Cu	7	Ci	8	1
Harrogate	1011.8	0	SW	3	c	55	65	8	4000	Cu	5	ACu	10	•
Spurn Head	1011.7	0	N'W	3	crr	50	97	7	4000	CuNb	10	-	10	•
Birmingham (Edgbaston)	1013.6	+1	NNW	3	c-	54	75	7	2500	Nb	4	ASt	9	1
Cranwell	1012.9	0	W'N	3	c/r	53	92	6	1500	Nb	8	ASt	10	1
Gorleston	1014.1	-1	S'W	4	or0r0	51	92	6	2500	Nb	10	-	10	•
Valentia (Cahirciveen)	1017.8	+2	W'S	3	bc	53	65	8	2500	Cu	4	-	4	0
Roches Point	1017.2	+2	SW	3	c	54	75	8	2500	CuNb	8	-	8	•
Pembroke (St. Ann's H.)	1015.4	+2	W	2	bc-	51	92	7	2500	Cu	4	-	4	•
Ross-on-Wye	1013.5	+1	NW	2	c-	58	65	9	4000	Cu	7	Ci	8	1
Leafield	1013.6	+1	NW'W	3	c ⊕	56	75	9	2500	Cu	5	ASt	9	1
Winchester (Worthy Dn.)	1014.4	0	WSW	2	c	53	85	7	4000	StCu	10	-	10	2
S. Farnborough	1014.2	0	W	3	ocr0	54	85	7	1500	Nb	10	-	10	2
London (Kew Obsy.)	1014.2	-1	SW'S	3	crr	54	92	5	1500	Nb	8	ASt	10	1
Croydon	1014.6	0	SW'W	3	crr	53	92	6	800	Nb	10	-	10	1
Shoeburyness	1014.8	-1	SW	3	orr	53	97	6	800	Nb	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1015.1	-1	S'W	3	cr0r0	52	97	7	1500	Nb	10	-	10	0
Lympne	1015.4	-2	SSW	4	or0r0	50	97	3	<150	St	10	-	10	1
Scilly (St. Mary's)	1018.7	+2	NW'W	4	bc	56	85	8	4000	Cu	5	-	5	•
Falmouth (Pendennis)	1017.5	+2	NW	3	bc-	56	65	8	4000	Cu	6	-	6	•
Plymouth (Cattewater)	1016.9	+2	NW	5	c	56	55	8	4000	CuNb	9	-	9	2
Portland Bill	1015.2	+1	SW	3	c	51	92	8	2500	StCu	8	-	8	•
Southampton (Calshot)	1014.9	0	SW'W	2	c/pR	52	92	8	800	Nb	9	-	9	1
Dungeness	1015.7	-2	SW	4	orr	50	97	6	800	Nb	10	-	10	•
Guernsey (Fort George)	1017.2	+2	W'N	4	c-	54	92	8	1500	St	8	-	8	•

Observations (second set)

Stations	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1009.7	+1	S'W	1	bc	49	85	8	1500	StCu	3	ASt	6	•
Stornoway	1008.1	0	SW	3	bc-	52	65	8	4000	Cu	5	-	5	2
Wick	1009.7	0	NE	2	bc	47	92	8	1500	CuNb	5	ACu	6	0
Tiree	1011.2	0	W	4	b	51	85	9	2500	Cu	2	-	2	1
Nairn	1010.0	•	W	2	bc-	57	55	8	4000	Cu.	[illegible]	-	[illegible]	•
Aberdeen	1010.6	+1	NW	2	cr0	48	92	6	2500	Nb	9	-	9	0
Malin Head	1013.1	+1	WSW	3	b	51	75	8	4000	Cu	1	-	1	1
Renfrew	1012.1	+1	W	4	bc-	54	55	9	4000	Cu	4	-	4	•
Edinburgh (Inchkeith)	1009.8	-1	WSW	3	b	53	65	8	4000	Cu	2	-	2	1
Leuchars	1010.2	-1	W	3	bc-	57	55	9	4000	CuNb	3	-	3	•
Eskdalemuir	1012.2	+1	WNW	4	bc-	52	55	8	4000	Cu	2	ACu	4	•
Tynemouth	1012.2	+1	-	0	bc/pr	49	85	7	4000	Cu	5	Ci	6	0
Blacksod Point	1014.9	0	W	3	bc	52	65	8	•	CuNb	3	-	3	3
Donaghadee	1014.1	+1	SSE	1	bc-	49	75	8	2500	CuNb	5	-	5	1
Birr Castle	1015.1	•	W	2	bc	55	55	8	4000	Cu.	[illegible]	-	[illegible]	•
Holyhead	1013.7	0	SW	1	b	54	65	9	4000	Cu	1	-	1	0
Liverpool (Bidston)	1014.5	0	WNW	4	b+	54	65	8	-	-	0	ACu	2	•
Chester (Sealand)	1014.7	+1	NW	3	b-	54	65	8	4000	Cu	2	-	2	•
Harrogate	1012.6	+1	SW'W	4	b	54	55	8	4000	Cu	1	CiCu	1	•
Spurn Head	1012.1	0	NW'W	2	c	54	85	6	4000	StCu	7	ACu	9	1
Birmingham (Edgbaston)	1014.7	+1	NW	3	bc	55	65	7	4000	Cu	4	-	4	•
Cranwell	1013.3	0	WNW	4	bc-	55	75	7	4000	Cu	2	Ci	4	•
Gorleston	1012.9	-1	SW'S	2	or0r0	54	97	6	1500	Nb	10	-	10	0
Valentia (Cahirciveen)	1017.1	-1	SW'W	3	bc	51	65	8	2500	Cu	3	CiSt	5	3
Roches Point	1017.0	0	NW	3	bc	56	65	8	2500	Cu	4	-	4	0
Pembroke (St. Ann's H.)	1016.7	+1	W	2	b-	50	85	8	4000	Cu	2	-	2	1
Ross-on-Wye	1015.2	+2	NW	3	bc	57	45	9	4000	Cu	2	CiSt	3	•
Leafield	1014.8	+1	-	0	bc-	53	85	9	4000	CuNb	7	-	7	•
Winchester (Worthy Dn.)	1015.0	+2	NW	4	bcjp	54	65	8	2500	CuNb	7	-	7	•
S. Farnborough	1014.5	+1	W	2	bc-	54	75	7	4000	StCu	5	-	5	•
London (Kew Obsy.)	1014.9	+1	NW	1	c/r	55	75	6	1500	StCu	9	ACu	10	•
Croydon	1015.0	+1	W'S	2	cr0r0	53	85	6	1500	StCu	9	-	9	•
Shoeburyness	1014.4	0	WNW	1	c	56	92	7	2500	StCu	6	ACu	9	•
Clacton-on-Sea	1013.9	-1	SW	3	o/r	51	97	6	2500	Nb	10	-	10	2
Felixstowe	1014.1	-1	NW'W	1	cr0	52	97	7	1500	Nb	10	-	10	1
Lympne	1014.9	+1	SW	2	FFo	50	97	1	<150	St	10	-	10	•
Scilly (St. Mary's)	1019.1	0	W'N	2	bc	53	85	8	4000	Cu	3	-	3	2
Falmouth (Pendennis)	1018.3	+1	WNW	3	bc-	54	65	9	4000	Cu	4	-	4	0
Plymouth (Cattewater)	1017.9	+1	NW	4	b-	55	65	9	4000	Cu	1	-	1	0
Portland Bill	1016.0	+1	W	2	bc-	52	75	9	2500	Cu	2	Ci	3	1
Southampton (Calshot)	1015.3	+2	SW	4	b-	57	65	8	2500	CuNb	1	-	1	0
Dungeness	1014.9	-1	SW	3	FFo	48	97	1	<150	St	10	-	10	1
Guernsey (Fort George)	1018.3	+1	W	4	b-	52	85	8	2500	Cu	1	-	1	4

LONDON OBSERVATIONS. Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations.

Station	Heights above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
		24 Hours ended 9h.											
Kew	18	ecrm	crrmc	ebcm	58	41	33	5	-	1.0	•	•	7
Croydon	264	cmddr	cr0r	ebcm	58	41	41	6	0.1	0.8	•	•	7
Greenwich (Royal Obsy.)	149	cdrr	crcp	ebcbm	61	42	30	6	Tr.	0.7	85	57	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	59	42	-	5		0.9	87	58	•
Regent's Pk. (Botanic Gdns).	165	•	•	•	•	•	•	•	•	0.9	•	•	o
Camden Square	110	or	orcr	•	57	43	-	7	-	•	•	64	•
Kensington Palace	80	odr	odr	•	58	43	34	6	-	•	(At 18h) 80	69	•
Hampstead Observatory	460	•	•	•	57	39	33	7	0.1	1.1	•	76	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 13th

South Kensington Max.	Time.	Min.	Time.
1.6	7h. 13th	<0.3	4h. 13th

Kew Observatory Max.	Time.	Min.	Time.
0.4	22h. 12th	<0.1	8h. 12th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 12th 21 h. 00 m. to 13th 2 h. 45 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	5 45	4 [illegible]	83
δ Ursae Minoris	5 45	4 39	81

CODE FOR STATE OF GROUND.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

13th May 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.02 / 4.01	11.49 / 11.49	19.37 / 19.39
Greenwich	4.14 / 4.12	11.56 / 11.56	19.39 / 19.41
Wick	3.53 / 3.51	12.09 / 12.09	20.26 / 20.28
Valentia	4.53 / 4.52	12.37 / 12.37	20.22 / 20.24

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—2000 m.
h hail. 1 intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♆ = lunar halo.
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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0 = no swell, 1 = mod. swell, 2 = heavy swell } Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

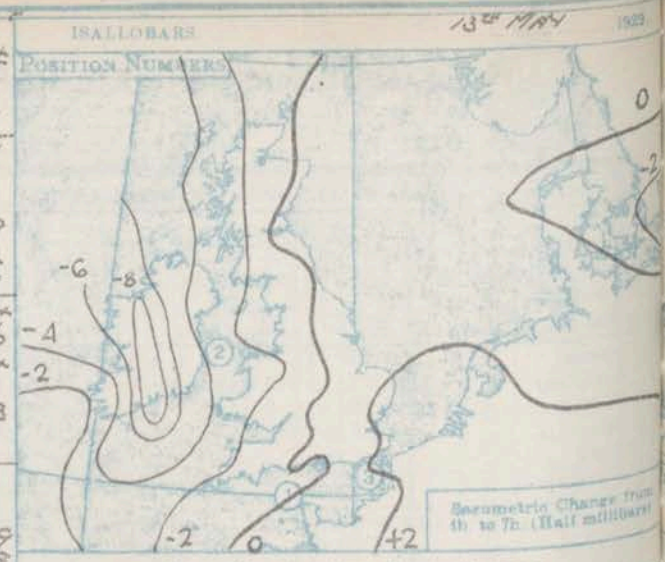
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

Code	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 12h	Weather. 18h.-18h. 12h	Weather. 18h. 12h to 1h. 13h	Weather. 1h.-7h. 13h	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min on Grass	Rainfall† Day. 7h.-18h. mm	Rainfall† Day. 7h.-18h. began.	Rainfall† Night. 18h.-7h. mm.	Rainfall† Night. 18h.-7h. began.	Sun 12h Hours.
Lerwick	bc	bc	c	cbc	55	44	•	–	–	–	–	12.1
Stornoway	p bc	c	b-bc	c	55	42	•	1	<8.00	–	–	11.1
Wick	bc	bc pr	bc pr	b-bc	53	39	•	0.3	14.30	0.3	21.00	•
Tiree	bc	prbc	pbbc	bc	54	40	35	1	14.30	Tr.	21.00	13.9
Nairn	bcpr	bc	bcw	wb	59	37	•	0.2	12.30	–	–	7.2
Aberdeen	bbcciRh	cirₒ	ciirbc	bcbwz	58	40	32	7	11.00	1	21.00	7.0
Malin Head	bcb	b	b	bbcc	53	40	•	–	–	–	–	12.4
Renfrew	cpₒ	cy	bc	bcff	57	34	26	Tr	<8.00	–	–	5.6
Edinburgh (Inchkeith)	c	cbcb	b-bc	bbc	54	47	38	–	–	–	–	5.4
Leuchars	cwc bcc	cprbcv	bcbw	bw	58	38	29	0.5	13.30	–	–	7.1
Eskdalemuir	fcₒciprcr	ciprbc	bcbbc	bcomₒ	58	29	25	3	<8.00	–	–	4.3
Tynemouth	oirₒff	obcp	bcb	bbc	49	41	29	1	<8.00	–	–	•
Blacksod Point ...	pₒbc	pₒbc	c	prₒ	54	46	•	1	•	1	•	•
Donaghadee	bcprₒ	prₒbc	prₒbc	bcbc	55	39	•	0.3	<8.00	0.1	21.00	•
Birr Castle	cpₒby	cby	c	cdₒ	57	43	34	Tr.	8.00	Tr.	6.30	11.9
Holyhead	bcb	bv	bbcvb	bbcwc	57	45	41	–	–	Tr.	–	10.8
Liverpool (Bidston) ...	orcbc	bcbb	bw	bw	54	44	38	0.4	<8.00	–	–	9.3
Chester (Sealand) ...	crrirmₒ	bbcbv	bvbc	bcmₒ	55	37	31	1	<8.00	–	–	6.8
Harrogate	crrc	cb	b	bw	60	38	31	2	<8.00	–	–	5.4
Spurn Head	crr	crcmc	cbc	bc	55	44	•	5	<8.00	–	–	0.2
Birmingham (Edgbaston)	nrc	cprₒ	bc	bc	56	41	38	3	<8.00	–	–	2.8
Cranwell	orcrₒ	cbc	b	bc	55	39	34	4	<8.00	–	–	1.4
Gorleston	corr	orr	orrob	bbczₒ	54	41	39	3	9.00	2	21.00	0.0
Valentia (Cahirciveen)	bc	bc	bccop	crcciₒ	55	47	45	–	–	6	24.00	11.5
Roches Point	bbcc	cpₒbc	bcew	[illegible]	59	48	•	Tr	13.30	4	2.30	•
Pembroke (St. Ann's H.)	bcq	bcb	b	bbcc	53	47	•	–	–	–	–	11.8
Ross-on-Wye	rcvₒc	bcvy	bvyb	bwbcc	61	40	30	2	<8.00	–	–	6.6
Leafield	orRc	cpr	bcb	bnx	57	37	28	3	<8.00	–	–	1.6
Winchester (Worthy Dn.)	orrmₒc	cbcyprₒ	bcpr b	bwbffcmₒ	62	34	29	2	<8.00	2	21.00	2.9
S. Farnborough ...	orrrrₒrₒ	orₒcprbc	bcb	bwxc	58	36	26	3	<8.00	Tr.	–	1.0
London (Kew Obsy.) ...	crrmₒ	crrmₒc	cbcmₒ	bcmₒ	58	41	33	5	<8.00	–	–	1.0
Croydon	omₒdₒcrc	corₒₒrr	crₒbcmₒ	bbcmₒ	58	41	41	6	<8.00	0.1	21.00	0.8
Shoeburyness	cirorr	orrc	cmₒ	bcmₒ	56	37	29	4	<8.00	–	–	0.3
Clacton-on-Sea ...	ozpd	opdrr	bcbc	bcm	53	42	36	4	11.00	–	–	0.0
Felixstowe	crₒrₒ	crr	crₒbc	bczₒ	54	45	40	3	9.00	Tr.	21.00	0.0
Lympne	crₒorrf	oRrₒF	ofecmₒ	bwbcmₒ	53	43	36	4	<8.00	0.1	21.00	0.0
Scilly (St. Mary's) ...	bc	bc	bcc	cqcrₒ	57	47	•	–	–	0.2	4.30	13.2
Falmouth (Pendennis)	crbc	bcy	bcb	bbccq	57	46	•	0.4	<8.00	–	–	11.5
Plymouth (Cattewater)	cpcy	cybv	bv	bwamₒ	58	40	34	Tr	<8.00	–	–	8.0
Portland Bill	circ	cbc	bv	bczₒ	53	46	•	1	<8.00	–	–	•
Southampton (Calshot)	[illegible]	[illegible]	b-bc	bwxc	58	41	32	3	<8.00	–	–	3.6
Dungeness	codrr	orrff	ofrₒcbcb	bc	56	40	•	3	11.00	0.1	21.00	•
Guernsey	addffwrd	cbcb	bw	bbccw	54	46	•	5	<8.00	0.1	–	7.4



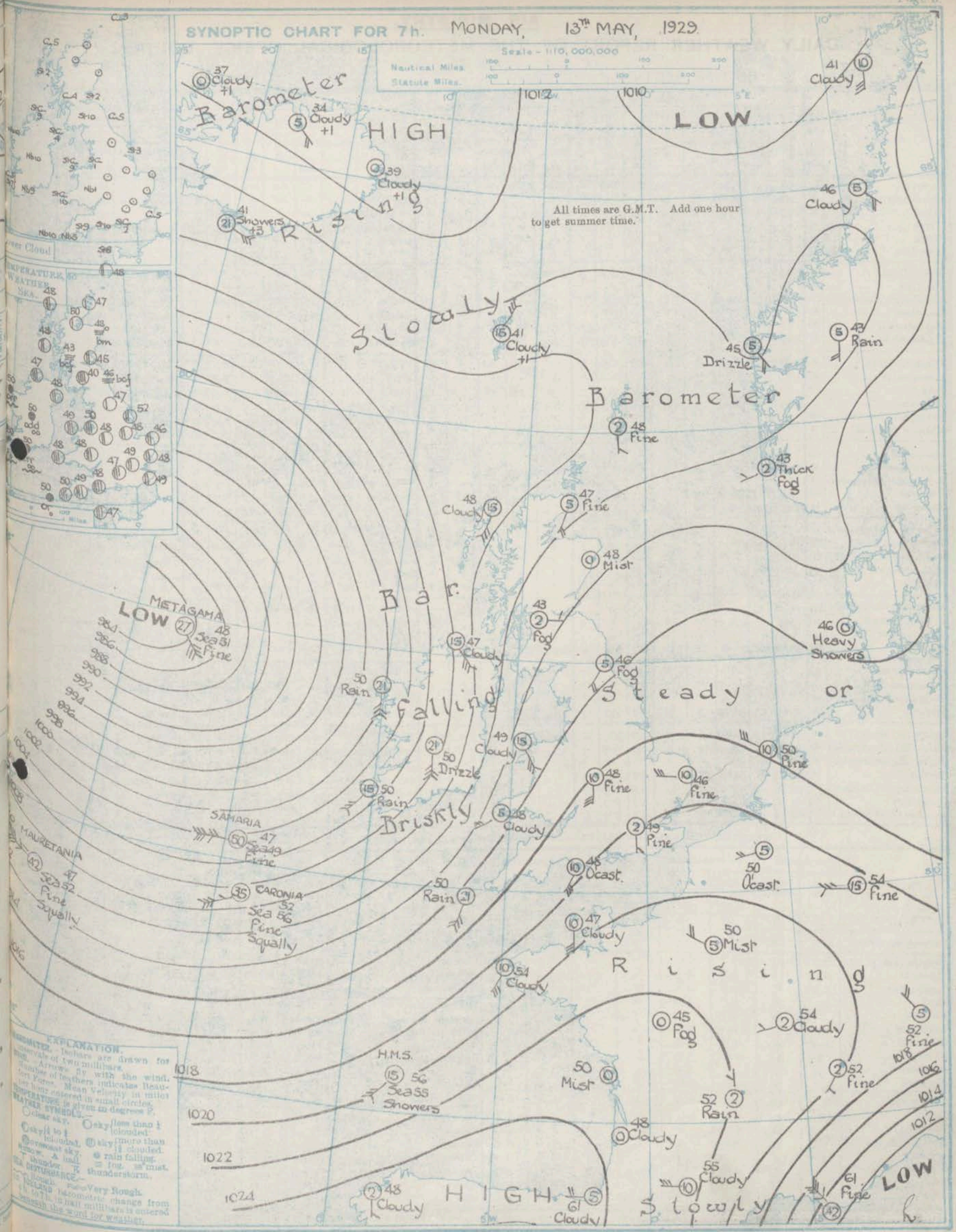
Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea.	Pressure
2	11th 10h	HIBERNIA	WNW	3	bc	51	48	1
1	– 12h	SCHENIER	SW	4	c+	54	49	7
3	12th 1h	DIEPPE	WSW	2	c	49	46	9

GENERAL INFERENCE.

A ridge of high pressure moving eastwards across the British Isles will be followed by a deep depression from the Atlantic. Weather will be fair at first in the East but rain will soon spread from the West, probably reaching eastern districts by evening.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Monday, 13th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Southerly to southwesterly winds, light to moderate, freshening rapidly; fair at first, rain at times later; moderate temperature.	Unsettled but with bright periods.
5. S.W. England ✝ 6. South Wales ✝ 7. North Wales ✝ 8. N.W. England ✝ 9. N. Midlands	Southerly winds, veering towards west, moderate to strong, reaching gale force at times; some rain or drizzle then bright periods; moderate temperature.	✝ South Cone hoisted at 19h.30m.G.M.T. yesterday in Districts 5, 6, 19 and 20; at 8h.15m. G.M.T. today in Districts 7, 8, 12, 13A, 13B, 16, 17 and 18.
10. N.E. England 11. S.E. Scotland	As 1 - 4.	
12. S.W. Scotland & Isle of Man 13A. W. Scotland ✝ 13B. N.W. Scotland ✝	Southerly winds, moderate to fresh, becoming strong to gale at times locally; cloudy, some rain; moderate temperature.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands ✝	Southerly winds, light to moderate, freshening; becoming cloudy with rain later; moderate temperature.	
17. N.W. Ireland ✝ 18. N.E. Ireland ✝ 19. S.E. Ireland ✝ 20. S.W. Ireland ✝	As 5 - 9.	


SYNOPTIC CHART FOR 7h. MONDAY, 13TH MAY, 1929.
Scale - 1/10,000,000
Nautical Miles
Statute Miles
All times are G.M.T. Add one hour to get summer time.
Barometer Rising Slowly
HIGH
LOW
Barometer Falling Briskly
Barometer Steady or Rising Slowly
METAGAMA
SAMARIA
MAURETANIA
CARONIA
H.M.S.
EXPLANATION.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Monday, 13th May 1929. No. 133

Observations at 1h. G.M.T. 13th

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	84	1008.7	0	S	1	c	47	92	8	1500	StCu	5	ASt	8
Stornoway	30	1009.5	0	WSW	2	b-	•	•	8	•	•	•	•	0
Wick	81	1009.9	0	W	2	bc	41	97	8	2500	Cu	2	CiSt	4
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1012.6	-1	S	1	b	42	92	8	5700	StCu	1	-	1
Renfrew	30	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1011.9	+2	WSW	3	b	43	85	8	-	-	0	ACu	1
Lenchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1013.7	+1	W	1	b	45	85	7	1500	St	1	Ci	2
Blacksod Point ...	18	1009.4	-3	SW	4	c	49	75	6	•	CuNb	8	-	8
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	30	1014.5	-1	SSE	1	b	46	92	8	-	-	0	Ci	1
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1013.8	0	NNW	4	bc	47	92	6	4000	StCu	4	-	4
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1016.2	+2	WSW	3	b	41	92	6	-	-	0	-	0
Gorleston	14	1015.0	+1	W	3	b	47	92	6	-	-	0	-	0
Valentia (Cahirciveen)¶	30	1012.1	-7	S	5	o/PR	48	97	7	+	St	10	-	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	160	1016.5	-1	SW	2	b	48	92	8	-	-	0	CiCu	2
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	47	•	•	•	•	•	•	•
Croydon	244	1017.5	+2	W'S	3	b-	47	92	6	4000	StCu	1	-	1
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1016.9	+2	NW	3	b-	47	97	6	2500	StCu	1	-	1
Scilly (St. Mary's) ...	163	1016.7	-5	SWW	3	c	49	92	8	4000	StCu	9	-	9
Falmouth (Pendennis)	200	1017.7	0	SSW	1	b	46	97	7	4000	StCu	2	-	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	52	1017.9	0	WNW	2	b	47	85	9	-	-	0	-	0
Southampton (Calshot)	10	1018.5	+2	NW	1	b	45	85	8	-	-	0	-	0
Dungeness	20	1017.0	+2	W	1	b-	47	97	7	-	-	0	-	0
Guernsey (Fort George) ¶	206	1020.8	0	WSW	2	b-	47	97	6	-	-	0	-	0

Observations at 7h. G.M.T. 13th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1008.2	0	S	1	bc	48	75	8	1500	Cu.	3	ACu.	6	•
Stornoway	1007.6	+4	SSW	4	c+	48	85	8	4000	Cu.	5	ACu.	8	1
Wick	1009.0	0	SSW	2	b	47	92	8	-	-	0	CuCu.	2	0
Tiree	1007.6	-3	SSE	5	bc	48	85	7	1500	St.	2	ACu.	6	4
Nairn	1009.7	•	SW	1	b-	50	75	8	-	-	0	ACu.	2	•
Aberdeen	1011.3	0	-	0	f/b	48	75	4	-	-	0	Ci.	1	0
Malin Head	1007.0	-5	SE'S	4	c+	47	75	8	5700	St.Cu.	9	-	9	1
Renfrew	1011.4	-2	E	1	fbc-	43	97	3	4000	Cu.	4	Ci.	6	•
Edinburgh (Inchkeith)	1012.4	0	WSW	1	bc	45	92	6	800	St.	2	CiCu.	3	0
Lenchars	1011.8	0	W	1	b	46	92	7	4000	Cu.	1	Ci.	1	•
Eskdalemuir	1013.0	-1	-	0	0	40	92	6	450	St.	10	-	10	•
Tynemouth	1013.0	0	SW	2	fbc	46	75	3	1500	Cu.	5	-	5	0
Blacksod Point ...	999.4	-7	S	5	o+r	50	85	7	•	Nb.	10	-	10	6
Donaghadee	1010.8	-4	S	3	bc+	48	85	8	4000	St.Cu.	6	ACu	6	2
Birr Castle	1005.3	•	S	5	od/d	50	75	6	2500	Nb.	10	-	10	•
Holyhead	1012.2	-2	S'E	4	c	49	85	8	5700	St.Cu.	9	Ci.	9	1
Liverpool (Bidston) ...	1013.9	-2	SE'E	2	c+	50	75	7	4000	St.Cu.	1	Ci.	9	•
Chester (Sealand) ...	1014.2	-2	SE	3	bc+	47	85	6	4000	Cu.	1	Ci.	7	•
Harrogate	1014.4	0	S	2	b	47	75	5	-	-	0	ACu	1	
Spurn Head	1015.2	+1	W	1	bc	52	85	6	2500	St.	3	CiCu	7	•
Birmingham (Edgbaston)	1016.1	-1	S	3	bc⊕	48	75	8	-	-	0	CiSt.	7	•
Cranwell	1016.6	+1	SW	3	bc+	48	85	7	-	-	0	Ci.	6	•
Gorleston	1016.6	+2	W	3	bc	46	85	6	-	-	0	CiSt.	3	0
Valentia (Cahirciveen)¶	1003.7	-2	SW'S	4	c/o	50	85	6	800	St.	10	-	10	6
Roches Point	1007.3	-9	SW	5	c/o/o	50	97	6	1500	Nb.	9	-	9	6
Pembroke (St. Ann's H.)	1013.6	-3	WSW	2	c+	48	92	7	5700	St.Cu	10	-	10	2
Ross-on-Wye	1016.3	-1	SW	2	c⊕	48	75	7	2500	Nb.	1	ACSt.	9	•
Leafield	1017.3	0	SSW	2	f/b	42	97	4	-	-	0	CuCu.	2	•
Winchester (Worthy Dn.)	1018.0	0	S'E	2	c+	45	85	5	-	-	0	ASt.	9	•
S. Farnborough ...	1017.5	+1	S	1	c+	47	92	6	-	-	0	ASt.	10	•
London (Kew Obsy.) ...	1018.2	+1	S	1	bc-	49	85	5	-	-	0	CiCu	3	•
Croydon	1018.1	+1	S	1	c+	50	85	6	-	-	0	ACu.	8	•
Shoeburyness	1018.5	+2	W'S	2	bc	49	92	6	-	-	0	ASt.	6	0
Clacton-on-Sea ...	1017.7	+1	WSW	2	bc	48	92	7	-	-	0	CiSt.	6	0
Felixstowe	1018.1	+3	NW	2	bc+	50	85	6	-	-	0	Ci.	5	•
Lympne	1018.6	+2	NW	1	bc-	49	92	5	4000	St.Cu	1	Ci.	3	
Scilly (St. Mary's) ...	1014.3	-2	SSW	5	o/o	50	97	6	2500	Nb.	10	-	10	5
Falmouth (Pendennis)	1015.6	-2	SSW	5	c	50	92	8	2500	Nb.	5	ASt.	10	1
Plymouth (Cattewater)	1016.6	-1	S	4	c	49	97	7	220	St.	9	ASt.	10	0
Portland Bill	1017.0	0	SSW	3	c+	48	92	6	1500	St.	10	-	10	
Southampton (Calshot)	1018.6	-2	SW'W	3	c+	49	85	7	2500	StCu	2	ASt.	9	2
Dungeness	1018.4	+2	W'S	1	bc+	49	92	8	2500	Cu.	5	Ci.	7	2
Guernsey (Fort George) ¶	1019.9	+1	S	3	c+	47	97	7	800	St.	8	ACu.	9	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 12th MAY 1929

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 11th to 9h. 12th	Temperature. Max. 9h.-17h. 12th	Rainfall.† Night 17h.-9h. 11th-12th	Rainfall.† Day 9h.-17h. 12th	Sunshine. Sunrise to 17h. 12th	Sunshine. Sunrise to Sunset. 11th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	cPR	cPR	47	51	-	3	0.6	10.8
Douglas (I. o. M.) ...	bc	bcc	47	56	1	-	9.1	11.4
Llandudno ...	bcc	bbc	50	56	5	-	6.3	8.2
Colwyn Bay ...	ccbb	b	49	58	4	-	6.9	4.5
Rhyl	bc	cb	50	54	2	-	6.9	6.0
Wallasey	cbcb	b	48	55	7	-	6.7	4.3
Southport	b	bbc	* 49	55	8	-	6.6	6.0
Blackpool	orc	bbc	49	54	7	-	5.5	8.1
Ilkley	roc	bc	49	59	6	2	4.7	7.4
Cleethorpes	or	orc	51	60	4	1	0.0	2.7
Skegness	or	o	47	55	1	2	0.0	1.6
Aberystwyth ...	Rc	cbc	48	54	12	-	4.3	0.9
Bath	cbc	bcb	52	60	3	-	4.5	1.1
Cheltenham‖ ...	oroc	cpbc	50	59	7	1	2.0	2.2
Leamington Spa ...	rc	c	50	57	6	0.3	1.6	0.5
Lowestoft	cprc	cir	49	54	-	3	0.0	1.4
Harwich & Dovercourt	ocr	ocr	49	54	Trace	0.3	0.0	0.6
Malden	or	rc	50	57	-	4	0.0	0.0
Southend	or	ocr	50	55	Trace	4	0.0	0.5

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	cbc	bc	49	55	10	-	6.7	0.0
Penzance	b	b	50	59	7	-	10.0	0.0
Paignton	rpo	ocbcby	51	62	2	-	4.8	0.1
Torquay	ozoc	bcby	51	62	2	-	5.2	0.0
Jersey	rc	bc	49	56	1	2	3.5	0.3
Weymouth	p.oc	cbbvy	49	60	3	Trace	5.2	0.0
Bournemouth ...	rcdo	oc	49	59	3	2	2.0	0.0
Ventnor ...	orm	ormbc	47	56	7	3	1.4	0.3
Portsmouth (S'thsea)	or	ocb	49	60	4	3	3.0	0.0
Bognor	rr	rcbc	48	57	2	7	2.2	0.0
Littlehampton ...	brc	rbc	49	56	3	4	2.0	0.0
Worthing	or	rcbc	49	56	1	6	1.6	0.0
Brighton	r	bc	48	53	1	5	1.0	0.7
Eastbourne‖	d.rr	rrc	49	53	Trace	7	0.7	1.6
Hastings‖	ororf	ordff	47	52	-	7	0.0	2.3
Folkestone	cor.	or.r.m	47	54	Trace	3	0.3	2.8
Dover	coir	ordm	48	52	Trace	2	0.1	3.2
Tunbridge Wells ...	odor	oroc	48	57	Trace	?	0.1	0.1
Ramsgate	c	crc	48	55	0.4	4	0.1	2.8
Margate	cb	crc	49	55	0.6	4	0.0	2.7
Deal	op.o	op.o	49	54	-	1	-	2.9

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* Information not usually received. ¶ The observations at 1h G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station ‡ For code see page 1. †‡ See footnote page 1

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ⊕ 22h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 29695. Tuesday 14th May 1929.

Observations at 13h. G.M.T. 13th

Stations. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1009.1	0	S	2	bc	51	75	8	1500	Cu	2	ACu	5	•
Stornoway	1005.2	-4	SSW	3	c+	54	65	8	-	-	0	ACu	9	•
Wick	1008.7	-1	SSW	3	bc	48	85	8	2500	StCu	2	CiCu	6	•
Tiree	1007.2	-6	S	6	or r₀	47	97	7	800	Nb	10	-	10	2
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1009.8	-1	SSE	4	bc+	51	65	7	4000	Cu	1	ACu	7	1
Malin Head	1000.7	-4	SSE	4	cd₀	51	92	6	800	St	8	ASt	10	•
Renfrew	1007.9	-3	SE	4	cr₀	53	75	8	1500	Nb	7	ASt	10	1
Edinburgh (Inchkeith)	1009.6	-2	S	3	c	54	55	8	4000	StCu	4	ASt	10	•
Leuchars	1009.1	-3	SE	3	c+	56	75	8	4000	CuNb	5	ACu	9	1
Eskdalemuir	1008.8	-4	SW'S	5	c	53	55	6	4000	StCu	6	ASt	10	1
Tynemouth	1010.1	-3	SE	2	bc	52	75	7	1500	Cu	5	-	5	•
Blacksod Point	998.3	-1	S	5	bc	51	65	8	•	CuNb	6	-	6	•
Donaghadee	1006.2	-5	S'E	5	or₀	49	92	7	1500	Nb	10	-	10	•
Birr Castle	1001.4	•	SSW	4	c-	55	55	7	2500	StCu	8	-	8	•
Holyhead	1008.0	-4	SSE	6	od₀	52	85	8	2500	Nb	10	-	10	1
Liverpool (Bidston)	1010.0	-3	S'E	4	c	55	65	7	2500	CuNb	6	ASt	9	•
Chester (Sealand)	1010.5	-4	S'E	3	c	55	65	7	2500	St	9	-	9	1
Harrogate	1011.2	-5	S	4	bc	59	45	7	4000	Cu	5	-	5	•
Spurn Head	1013.0	-2	SWW	3	bc-	60	55	7	4000	Cu	6	-	6	•
Birmingham (Edgbaston)	1012.8	-3	SSW	4	c+	54	65	7	2500	Nb	8	-	8	1
Cranwell	1014.6	-3	SSW	4	c+	58	65	8	2500	Cu	9	-	9	0
Gorleston	1016.4	-2	S'E	6	bc+	53	85	6	4000	Cu	3	CiSt	7	•
Valentia (Cahirciveen)	1002.1	-3	S'W	6	bc	51	65	8	2500	Cu	2	CiCu	3	1
Roches Point	1006.0	0	W	3	bc	53	75	8	2500	CuNb	5	-	5	•
Pembroke (St. Ann's H.)	1008.1	-5	S	4	or₀r₀	49	97	6	800	St	10	-	10	•
Ross-on-Wye	1013.1	-3	S	4	od₀	52	75	8	2500	Nb	10	-	10	1
Leafield	1014.1	-3	S	5	c+	53	75	9	4000	Cu	10	-	10	0
Winchester (Worthy Dn.)	1016.1	-3	S'E	4	c|r₀	53	75	7	2500	StCu	9	-	9	2
S. Farnborough	1015.3	-2	SSW	4	c	58	55	8	2500	StCu	9	-	9	1
London (Kew Obsy.)	1016.0	-4	SSW	5	c	59	55	8	2500	StCu	7	ACu	8	1
Croydon	1016.6	-2	SW'S	4	c	56	65	8	2500	Cu	8	ACu	9	1
Shoeburyness	1017.0	-2	SSW	4	bc	59	85	8	4000	StCu	5	Ci	7	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1017.1	-1	SSE	4	c	55	85	7	4000	Cu	1	CiSt	8	1
Lympne	1018.1	-1	SW'S	4	c	53	75	8	4000	Cu	1	CiCu	8	0
Scilly (St. Mary's)	1011.2	-1	WSW	6	[illegible]	53	97	6	4000	Nb	8	-	8	•
Falmouth (Pendennis)	1011.2	-5	SSW	6	or r	50	97	5	800	Nb	10	-	10	•
Plymouth (Cattewater)	1013.2	-4	SSW	6	or₀r₀	49	97	6	800	Nb	10	-	10	1
Portland Bill	1015.2	-3	SSW	3	c	51	85	6	1500	St	9	ASt	10	•
Southampton (Calshot)	1017.1	-3	SW'S	5	c+	54	85	8	1500	StCu	9	-	9	0
Dungeness	1018.6	0	WSW	3	bc|f	50	85	8	-	-	0	CiCu	6	•
Guernsey (Fort George)	1017.4	-3	SW	3	c	52	85	8	2500	StCu	10	-	10	•

Observations at 18h. G.M.T. 13th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1008.3	-1	SE	2	bc+	50	85	8	1500	Cu	3	CiSt	6	•
Stornoway	1000.2	-5	ENE	2	0	52	75	7	2500	St	10	-	10	3
Wick	1005.3	-6	S	4	c	49	85	8	1500	CuNb	6	ASt	10	3
Tiree	997.9	-3	SSE	5	0	48	92	7	800	St	10	-	10	6
Nairn	1002.3	•	S'E	1	c	54	65	8	2500	CuNb	8	-	8	•
Aberdeen	1006.0	-5	SES	4	c	48	85	7	4000	StCu	3	ASt	10	0
Malin Head	997.5	-5	SSE	3	c|p	48	85	8	2500	CuNb	9	ACu	9	1
Renfrew	1002.4	-6	SE	4	cr₀	51	85	8	2500	Nb	9	ASt	10	•
Edinburgh (Inchkeith)	1003.5	-6	SE	3	or₀	55	97	8	1500	St	10	-	10	1
Leuchars	1004.3	-7	SE	3	c	51	85	7	4000	StCu	5	ASt	10	•
Eskdalemuir	1004.1	-6	SSE	4	orr	48	85	6	1500	Nb	10	-	10	•
Tynemouth	1007.2	-3	S	3	0	56	65	7	1500	Nb	10	-	10	1
Blacksod Point	990.8	-9	S	6	oRR	46	92	6	•	Nb	10	-	10	7
Donaghadee	1001.4	-4	S'W	5	bc|pr₀	50	92	7	1500	Nb	4	ACu	7	4
Birr Castle	998.2	•	S	6	c	50	55	6	4000	Nb	9	-	9	•
Holyhead	1005.2	-1	SSW	5	bc-	51	85	6	5700	StCu	6	-	6	4
Liverpool (Bidston)	1005.2	-4	SSE	5	c|pr₀	53	75	7	2500	Nb	7	ASt	10	•
Chester (Sealand)	1006.1	-4	S'E	5	or₀+	52	85	6	1500	Nb	10	-	10	•
Harrogate	1007.6	-5	S	4	c	53	65	6	2500	Nb	9	ASt	10	•
Spurn Head	1010.1	-1	SWW	4	c	55	85	7	5700	StCu	7	ASt	10	2
Birmingham (Edgbaston)	1009.3	-5	SSE	4	orr	49	92	6	800	Nb	10	-	10	•
Cranwell	1011.1	-3	S'W	5	c	54	75	8	2500	StCu	8	ASt	10	•
Gorleston	1013.3	-2	S	5	c+	51	85	6	-	-	0	CiCu	9	1
Valentia (Cahirciveen)	996.2	-8	SSW	8	bc|r	52	85	8	1500	St	5	ACu	6	8
Roches Point	1000.6	-3	W	5	c|pr₀	50	85	7	1500	CuNb	9	-	9	4
Pembroke (St. Ann's H.)	1007.3	0	SW	4	bc-	50	75	7	1500	StCu	4	-	4	4
Ross-on-Wye	1008.7	-5	SSW	4	od₀	51	92	7	2500	Nb	10	-	10	•
Leafield	1010.7	-5	S	6	orr	48	97	8	1500	Nb	10	-	10	•
Winchester (Worthy Dn.)	1012.7	-4	S'E	4	or+	49	97	6	450	Nb	10	-	10	•
S. Farnborough	1013.0	-4	S	5	o|pr₀	52	75	8	800	St	10	-	10	•
London (Kew Obsy.)	1013.7	-3	SSW	5	c|pr₀	55	75	8	800	StCu	7	ASt	10	•
Croydon	1013.9	-4	SW	3	cr₀	53	75	7	2500	CuNb	10	-	10	•
Shoeburyness	1014.7	-2	SW'S	4	c+	55	97	8	2500	StCu	6	ASt	9	•
Clacton-on-Sea	1015.1	-2	S	4	bc	53	75	7	2500	Cu	2	ACu	7	3
Felixstowe	1014.8	-3	SW	4	c	53	85	8	4000	StCu	4	ACu	8	4
Lympne	1015.8	-2	SSE	2	c+	51	85	8	4000	StCu	5	ACu	8	•
Scilly (St. Mary's)	1011.6	+1	W'S	6	b	52	65	7	4000	Cu	2	-	2	5
Falmouth (Pendennis)	1011.6	0	W	4	bc-	52	75	8	4000	Cu	6	-	6	2
Plymouth (Cattewater)	1011.3	-1	WSW	6	c	52	75	7	800	Nb	1	ACu	9	4
Portland Bill	1011.1	-7	S	4	or₀r₀	50	97	5	800	Nb	10	-	10	4
Southampton (Calshot)	1014.3	-3	SSW	5	or₀r₀	51	85	6	800	Nb	10	-	10	3
Dungeness	1015.9	-3	S	3	c+	50	85	8	2500	StCu	6	ASt	9	3
Guernsey (Fort George)	1014.8	-2	SSW	4	or₀r₀	49	97	5	800	Nb	10	-	10	4

LONDON OBSERVATIONS.

Day 7h-18h., Kew & Croydon. 9h-18h., Kensington. 9h-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9a.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 13h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility (To-day.)
Kew	18	c	bcyeih₀	chrcbbc	60	45	40	Tr	0.8	4.3	*	*	7
Croydon	244	c	c	corrbcy	58	45	40	Tr	2	5.5	*	*	7
Greenwich (Royal Obsy.)	149	cy	cyp	cdcb	63	44	36	Tr	0.5	7.4	52	65	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	4.7	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	60	47	–		1	5.6	61	70	*
Regent's Pk. (Botanic Gdns.)	183	*	*	*	*	*	*	*	*	4.8	*	*	*
Camden Square	110	cbc	c	*	61	46	–	–	1	*	*	69	*
Kensington Palace	80	bc	bc	*	61	46	40	Tr	1	*	(At 18h.) 71	71	*
Hampstead Observatory	453	*	*	*	59	42	37	Tr	1	5.3	*	79	*

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 14th

South Kensington Max.	Time.	Min.	Time.
1.6	8hrs 13th	<0.3	13hr 8th, 5hr. 14th

Kew Observatory Max.	Time.	Min.	Time.
0.1	9hr 13th	<0.1	rest of period

POLE STAR RECORD at Greenwich Obsy.

Exposure from 13th 21 h. 00 m. to 14th 02 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	5.45	1.46	31
δ Ursae Minoris	5.45	1.39	29

CODE FOR STATE OF GROUND.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

13th, 14th May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.1	11.45	19.39
	3.59	11.43	19.40
Greenwich	4.12	11.56	19.41
	4.11	11.56	19.42
Wick	3.51	12.3	20.28
	3.49	12.9	20.30
Valentia	4.52	12.37	20.29
	4.50	12.37	20.25

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening skys
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ∇ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
△ "solidus" divides actual existing weather from preceding conditions, thus:—b/r = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

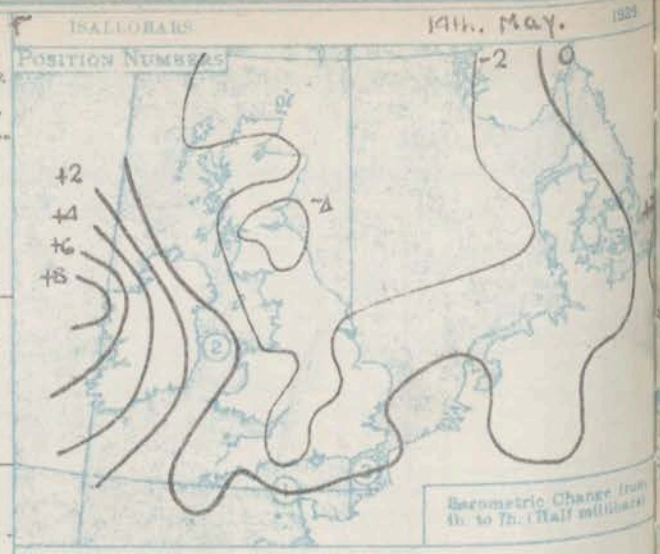
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	3¼ "
6. Moderate.	6½ "
7. Good.	13¼ "
8. Very good.	27 "
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 13th	13h.-18h. 13th	18h. 13th to 1h. 14th	1h.-7h. 14th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on Grass	RAINFALL.† Day. 7h.-18h. mm	began.	Night. 18h.-7h. mm.	began.	SUN 13th. Hours.
Lerwick	bc	bc	c	c	54	45	.	–	–	–	–	8·–
Stornoway	c	o	crc	cbc	54	40	.	–	–	3	<21.00	6·2
Wick	b-bc	c	or₀r	or₀rorrbc	49	45	.	–	–	3	22.00	.
Tiree	cr₀rq	rrqo	prc	prbc	50	44	41	4	<8.00	2	<21.00	1·0
Nairn	bbc	bc b₀c	cpbc	bc	60	41	.	0·2	15.30	0·1	22.00	7·0
Aberdeen	bc bbc	c	ccrr	crrbc	55	43	37	–	–	7	22.00	7·4
Malin Head	cm₀	cid₀bccPR	cp₀bccbcc	cir	54	45	.	4	12.30	2	<21.00	1·9
Renfrew	bc cr₀	cp₀r₀q	orr₀c	cor₀r	57	42	36	Tr	12.30	2	<21.00	1·0
Edinburgh (Inchkeith)	bc c	c	oir₀cbcb	bcc	55	44	39	Tr	17.30	0·1	<21.00	4·8
Leuchars	bbcc	ccir₀c	circ	c	59	43	38	Tr	14.30	1	<21.00	7·1
Eskdalemuir	ccyz₀	ccprorm₀	orrm₀c	ccpriR	55	41	41	1	14.30	8	<21.00	0·8
Tynemouth	bcc ff bc	bco	oir₀q	bcc	59	44	38	–	–	1	<21.00	.
Blacksod Point ...	p₀bc	Ro	pqc	pqc	53	45	.	6	.	6	.	.
Donaghadee	cir₀	ir₀cr	pr₀bc	cpr₀	51	46	.	4	11.00	0·3	<21.00	.
Birr Castle	cid₀cy	cbp₀y	cP	cP	57	44	42	1	<8.00	5	<21.00	3·5
Holyhead	cid₀	r₀r	bccm₀	cbcm₀	54	47	45	3	11.00	Tr	06.30	2·1
Liverpool (Bidston) ...	ccy	ccjp	cPb	bbcc	57	44	39	Tr	17.30	3	<21.00	3·4
Chester (Sealand) ...	bcm₀c	c, cr₀	crr	prkqRRm₀	57	44	37	Tr	16.30	10	<21.00	3·4
Harrogate	bbc	bcc	crrc	cbccir₀	60	42	37	–	–	2	<21.00	8·6
Spurn Head	bc	bcc	cprc	bc	62	43	.	–	–	0·2	22.00	11·1
Birmingham (Edgbaston)	bcc	cor	orbc	bccpr₀	55	42	39	1	16.30	1	<21.00	4·7
Cranwell	bcc	c	cirbc	bbc	60	40	36	–	–	0·5	<21.00	8·8
Gorleston	bcq	bcq	corq	or₀cbc	59	47	45	–	–	1	<21.00	9·4
Valentia (Cahirciveen)	cir₀cpbc	cr₀r₀crp	bccPRH	cpc	53	46	45	5	<8.00	2	<21.00	2·6
Roches Point	cir₀bc	bccp₀c	cp₀cpq	cp₀bc	54	46	.	0·1	18.30	4	22.00	.
Pembroke (St. Ann's H.)	cir₀q	or₀rmc	bc	bcir₀	51	46	.	2	<8.00	1	03.30	2·1
Ross-on-Wye	cbcc	d₀cor₀	drcb	bccp₀c	57	45	41	0·5	13.30	1	<21.00	2·2
Leafield	mbcc	orr	orr	cp	54	39	36	0·3	16.30	(Tr)	<21.00	3·0
Winchester (Worthy Dn.)	cm₀cr₀	cr₀orm₀	orrmcbc	bcw	56	43	40	1	12.30	3	<21.00	0·9
S. Farnborough ...	cy	cyp₀	crrbc	bcbc	59	45	38	Tr	14.30	2	<21.00	2·6
London (Kew Obsy.) ...	c	bcycip₀	cpr₀c	bbc	60	45	40	Tr	17.30	0·5	<21.00	4·3
Croydon	c	c	cor₀rrcm₀	cbcm₀bc	58	45	40	Tr	17.30	2	<21.00	5·5
Shoeburyness	bc	c	cpr₀	cbcb	62	46	43	–	–	0·3	<21.00	6·6
Clacton-on-Sea ...	bc	bc	bccpc	cpbc	55	48	44	–	–	1	<21.00	9·4
Felixstowe	bcz₀c	cbcvc	ccrc	cr₀cpr₀bc	58	48	45	–	–	1	22.00	10.4
Lympne	bcm₀c	cbcc	orr₀r₀	ocm₀	56	43	41	–	–	2	<21.00	8·8
Scilly (St. Mary's) ...	omr	cbcb	b	bbcp₀	54	47	.	0·2	<8.00	1	24.00	4·2
Falmouth (Pendennis)	corrqm₀	crqbc	b-bc	bbcp₀q	52	49	.	1	<8.00	Tr	06.30	3·5
Plymouth (Cattewater)	cm₀d₀fq	om₀fr₀rbc	cqb	bqcpr₀m₀	53	49	45	1	11.00	Tr	03.30	1·7
Portland Bill	ocz₀	cor₀fm₀	or₀cbc	bcc	52	48	.	2	14.30	Tr	<21.00	.
Southampton (Calshot)	c	c cr₀orm₀	obbcb	bbccbcm₀	56	47	44	0·6	14.30	2	<21.00	2·3
Dungeness	bcf	bccc	corr	orrcbc	53	47	.	–	–	2	22.00	.
Guernsey	b	cir₀orm₀	or₀₀abcb	bbcq	56	47	.	1	13.30	1	<21.00	0·2



Observations from Cross Channel Steamers.

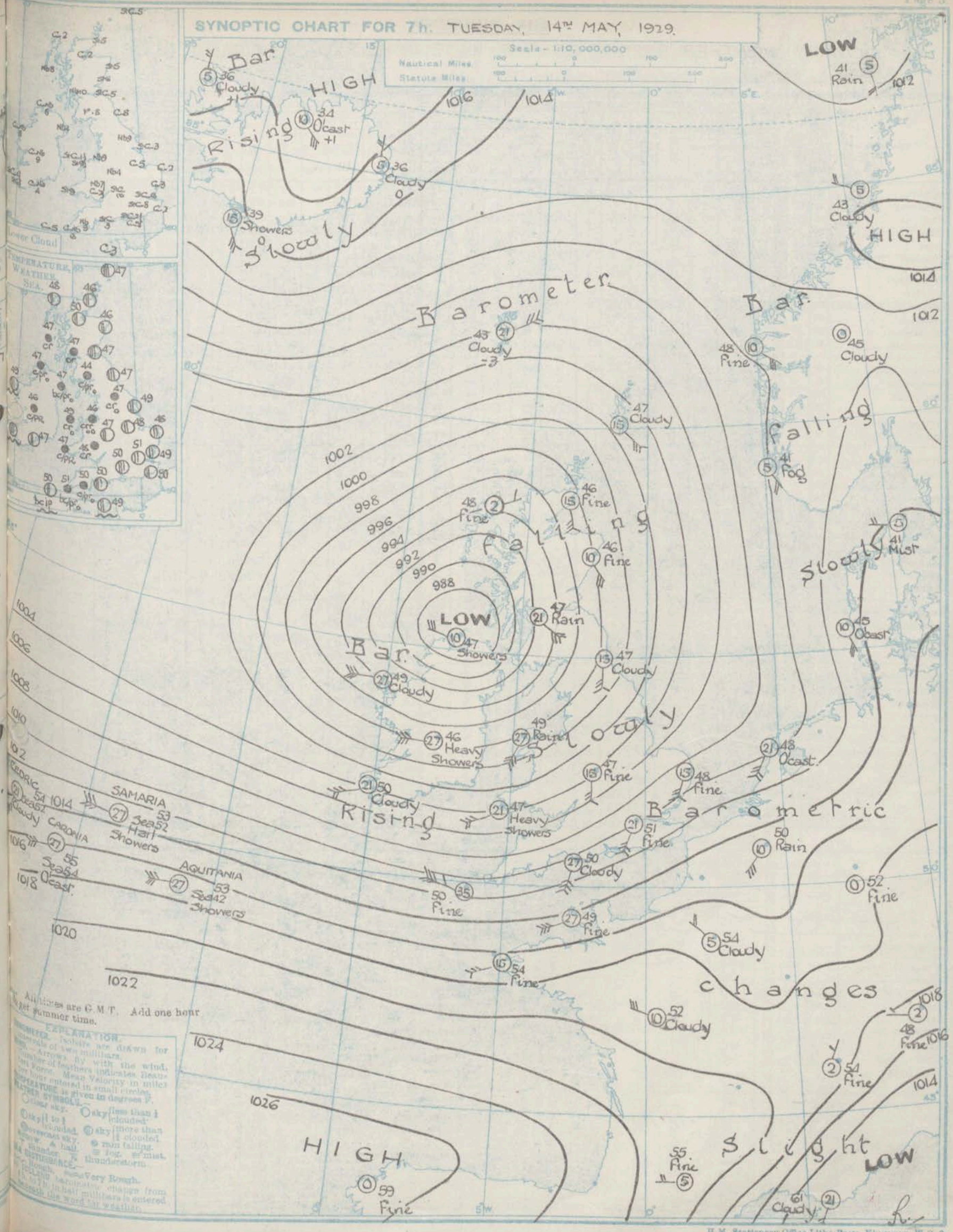
Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Pressure
3	13th 01h	DIEPPE	SW	5	C.	50	46	7

GENERAL INFERENCE.

A deep depression off Northern Ireland will move eastwards across Scotland to the North Sea. In Northern Scotland and Southern England there will be considerable bright periods but elsewhere weather will be very unsettled. Showers of rain or hail in the Southwest will be accompanied locally by thunder.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Tuesday, 14th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England ✝ 6. South Wales ✝	Westerly to southwesterly winds, moderate to strong, stronger at times locally in squalls; bright periods, showers, perhaps of a thundery type; moderate temperature.	Unsettled but with bright periods.
7. North Wales ✝ 8. N.W. England ✝	Southerly winds, veering towards west, strong at times, squally; occasional rain then showers and bright intervals; moderate temperature.	
9. N. Midlands	As 1 - 6.	
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	As 7 - 8.	✝ South Cone still flying.
13. N.W. Scotland ✝ 14. Mid-Scotland	Easterly winds, backing towards north, moderate to strong; bright intervals; occasional rain or showers; moderate temperature.	
15. N.E. Scotland 16. Orkneys and Shetlands ✝	Southeasterly winds, backing, moderate to strong, stronger at times locally; occasional rain; moderate to rather low temperature.	
17. N.W. Ireland ✝ 18. N.E. Ireland ✝	Westerly to northwesterly winds, moderate to strong; squally; bright intervals; occasional rain or hail showers; moderate to rather low temperature.	
19. S.E. Ireland ✝ 20. S.W. Ireland ✝	As 1 - 6.	

Meteorological Office, Air Ministry, Kingsway, London W.C.2. Forecasts issued at 0915 G.M.T. G. C. SIMPSON, F.R.S., Director.



All times are G.M.T. Add one hour for Greenwich summer time.

EXPLANATION.

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Arrows fly with the wind. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.

Clear sky. Sky less than ½ clouded. Sky ½ to ½ clouded. Sky more than ½ clouded. Overcast sky. Rain falling. Snow. A hail shower. = fog. ≡ mist. Lightning. Thunderstorm.

SEA DISTURBANCE.

Smooth. Rough. Very Rough.

PRESSURE TENDENCY. Barometric change from 1 to 3 in half millibars is entered beneath the word for weather.

H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Tuesday, 14th May, 1929. No. 134

Observations at 1h. G.M.T. 14th

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility‡ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10
Lerwick	54	1006·0	-2	SE	4	c	46	92	8	1500	StCu	5	A St	10
Stornoway	30	997·8	-3	E	4	c	•	•	7	•	•	•	•	8
Wick	81	1000·0	-3	S	5	or r₀	46	92	7	1500	St	10	–	10
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	990·5	-5	SSE	4	c	47	85	7	4000	StCu	8	–	8
Renfrew	26	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	100	1000·7	-2	S	2	bc	47	97	8	2500	St	3	A Cu	5
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1004·7	-1	SSW	2	bc/r	46	75	7	1500	Cu	5	–	5
Blacksod Point	10	994·5	-2	S	7	c	48	92	6	•	CuNb	10	–	10
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	38	1001·1	-5	S	6	c	49	85	6	1500	St	9	–	9
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1006·8	0	W'N	4	c–	49	97	7	4000	CuNb	8	–	8
Birmingham (Edgbaston)	536	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	256	1009·3	-1	SW	4	b–	44	92	7	2500	St	1	–	1
Gorleston	14	1010·3	-4	S'W	5	or r₀	50	92	7	2500	Nb	10	–	10
Valentia (Cahirciveen)¶	30	998·3	+5	W	8	bc	48	97	8	*	Cu	3	–	3
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	160	1009·4	-2	SW	5	bc–	50	85	7	1500	StCu	3	–	3
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	257	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	49	•	•	•	•	•	•	•
Croydon	244	1012·2	-1	SW	4	bc–	48	85	6	2500	StCu	7	–	7
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1012·9	-3	SW	5	o/r	48	97	6	800	Nb	10	–	10
Scilly (St. Mary's)	163	1011·3	-1	W'S	6	b	50	75	7	4000	Cu	2	–	2
Falmouth (Pendennis)	200	1011·0	-1	W	4	b–	49	75	8	4000	StCu	2	–	2
Plymouth (Cattewater)	62	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1012·1	-1	SW	5	bc	49	85	9	1500	StCu	3	–	3
Southampton (Calshot)	10	1012·6	0	W'S	3	b	48	85	7	–	–	0	–	0
Dungeness	20	1012·8	-3	SSW	4	or r	49	97	7	1500	Nb	10	–	10
Guernsey (Fort George)¶	205	1015·0	0	SW	3	b–	48	85	6	–	–	0	–	0

Observations at 7h. G.M.T. 14th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility‡ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun 0-6
Lerwick	1002·5	-3	SE	4	c	47	85	7	1500	StCu	5	A St	10	•
Stornoway	994·4	-2	ENE	1	bc	48	85	8	4000	Cu	2	A Cu	6	0
Wick	997·5	-2	S	4	bc	46	92	7	1500	St	5	Ci St	7	4
Tiree	989·9	0	E	5	cr	47	97	8	1500	Nb	8	–	8	4
Nairn	995·2	•	E	1	bc	50	75	8	4000	Cu	2	A Cu	5	•
Aberdeen	998·8	-2	SSE	3	bc	46	85	6	2500	St	5	A Cu	7	1
Malin Head	986·1	-1	W'N	3	c/pr₀	47	97	8	2500	CuNb	8	–	8	1
Renfrew	993·6	-4	SE	5	or	47	92	7	450	Nb	10	–	10	•
Edinburgh (Inchkeith)	996·4	-4	ESE	3	c	47	92	8	4000	StCu	5	A St	10	1
Leuchars	997·1	-5	SE	4	c	45	85	6	2500	St	6	A St	10	•
Eskdalemuir	995·8	-4	SSE	4	c/pr₀	44	92	7	1500	Nb	8	A St	10	•
Tynemouth	999·9	-3	S	4	c–	47	75	6	1500	Cu	8	–	8	1
Blacksod Point	994·9	+8	W	6	c	49	75	8	•	CuNb	8	–	8	7
Donaghadee	991·2	-1	SW	4	bc/pr₀	47	85	8	1500	Nb	4	A Cu	7	3
Birr Castle	997·6	•	W	6	c PR	46	85	7	4000	CuNb	9	–	9	•
Holyhead	998·8	0	SW'S	6	cr₀	49	75	7	1500	St	10	–	10	4
Liverpool (Bidston)	1000·1	-3	SW'S	5	cr₀r₀	46	85	8	2500	Nb	9	Ci St	9	•
Chester (Sealand)	1001·0	-1	S'W	3	c/r	45	85	5	1500	St	6	A Cu	8	•
Harrogate	1001·0	-3	S'E	4	cr₀	47	75	5	2500	Nb	9	A St	10	•
Spurn Head	1004·8	-1	SW'W	5	bc	49	85	7	4000	StCu	3	–	3	3
Birmingham (Edgbaston)	1004·9	-2	S	4	bc	47	85	8	1500	Nb	4	A Cu	5	•
Cranwell	1007·1	-1	SSW	5	bc+	48	85	7	2500	Cu	5	–	5	1
Gorleston	1009·7	0	SW'S	4	bc	48	75	6	5700	Cu	2	Ci	3	•
Valentia (Cahirciveen)¶	1005·8	+5	W'S	5	c	50	75	8	1500	St	10	–	10	7
Roches Point	1002·7	+3	W	4	bc	47	92	8	1500	CuNb	4	–	4	4
Pembroke (St. Ann's H.)	1002·9	-1	WSW	5	c PR	47	85	7	450	St	9	–	9	A
Ross-on-Wye	1005·6	-3	SW'W	4	cr	48	85	6	2500	Nb	9	–	9	•
Leafield	1007·4	-1	SSW	5	c/pr₀	47	85	9	4000	StCu	10	–	10	•
Winchester (Worthy Dn.)	1010·4	-1	S'W	4	c	48	85	7	800	St	9	–	9	•
S. Farnborough	1010·1	-1	SSW	4	c+	50	75	7	1500	StCu	8	–	8	•
London (Kew Obsy.)	1010·7	-1	SW'S	5	bc+	51	75	7	500	StCu	6	A Cu	7	•
Croydon	1011·3	-1	SSW	4	bc+	49	85	7	800	StCu	6	A Cu	7	•
Shoeburyness	1011·5	-1	SW	4	b	51	92	7	2500	Cu	1	–	1	•
Clacton-on-Sea	1011·2	0	SSW	5	bc	49	85	7	2500	Cu	3	Ci	6	4
Felixstowe	1011·6	0	SW'S	5	bc+	50	92	7	1500	Cu	7	–	7	4
Lympne	1012·8	0	SW	5	c	47	92	6	800	St	9	–	9	•
Scilly (St. Mary's)	1010·9	0	W'N	7	bc/p	50	85	6	4000	Cu	5	–	5	6
Falmouth (Pendennis)	1010·0	-1	WSW	5	bc/pr₀	51	85	7	4000	CuNb	6	–	6	0
Plymouth (Cattewater)	1010·0	0	SW	7	c/pr₀	50	85	6	2500	Nb	9	–	9	5
Portland Bill	1010·6	-2	SSW	6	c	50	85	8	1500	StCu	3	Ci St	10	6
Southampton (Calshot)	1011·5	-1	WSW	6	bc–	51	85	6	1500	Cu	7	–	7	3
Dungeness	1012·7	-1	SW	5	bc	50	85	8	2500	Cu	2	A Cu	5	5
Guernsey (Fort George)¶	1014·2	+1	WSW	6	bc+	49	85	8	2500	Cu	3	A Cu	5	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 13th May

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. (13th) to 9h. (14th) °F.	Temperature. Max. 9h.-17h. 13th. °F.	Rainfall.† Night 17h.-9h. (13th-14th) mm.	Rainfall.† Day 9h.-17h. 13th. mm.	Sunshine. Sunrise to 17h. 13th. hr.	Sunshine. Sunrise to Sunset. 13th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	bbc	c	39	52	Trace	–	8·9	0·6
Douglas (I. o. M.)	co	oor	44	49	–	4	0·1	11·4
Llandudno	c	cr	44	56	–	2	1·5	8·4
Colwyn Bay	bcbcc	coror	48	59	–	1	3·0	7·8
Rhyl	bc	or	43	57	–	0·3	2·2	10·2
Wallasey	bcco	oir₀r	45	56	–	Trace	3·4	9·1
Southport	bcco	op₀o	*40	57	–	Trace	3·4	9·0
Blackpool	co	ou	40	57	–	–	3·8	8·3
Ilkley	bbc	bco	38	61	–	–	8·7	5·8
Cleethorpes	b	bc	40	63	–	–	10·0	0·1
Skegness	bcb	bbco	38	61	–	–	9·3	0·0
Aberystwyth	bcc	c/pr	44	52	–	1	0·5	6·9
Bath	cp₀c	cprd	38	56	Trace	0·3	0·6	7·3
Cheltenham	c/bc	cogr	39	58	–	0·5	3·4	4·1
Leamington Spa	c	c	38	59	–	–	4·4	2·3
Lowestoft	b	bcc	40	58	3	–	10·2	0·0
Harwich & Dovercourt	dbcv	bcv	42	60	1	–	10·2	0·0
Maldon	ccc	bcc	38	61	–	–	4·0	0·0
Southend	c	c	45	60	0·1	–	7·1	0·3

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		Obs not taken						
Bude	orr	orrcb	46	56	–	3	1·7	12·2
Penzance	co	oDo	40	56	–	1	0·6	7·2
Paignton	ocor	dpo	44	55	–	3	0·3	7·5
Torquay	bc	or	47	57	–	0·2	1·3	5·6
Jersey	oco	ocpra	41	54	–	3	0·5	7·0
Weymouth	coo	odod	39	54	–	1	0·6	4·0
Bournemouth	bomb	bcpou	43	56	Trace	0·3	3·0	2·8
Ventnor	bc	cor₀	41	57	–	0·2	3·0	4·7
Portsmouth (S'thsea)	bcc	bcbcor	43	53	–	0·3	3·8	3·5
Bognor	cbc	bcob	39	53	–	Trace	4·4	3·1
Littlehampton	cbc	bcer	40	57	–	Trace	6·0	2·1
Worthing	cbc	bcco	43	54	Trace	–	6·8	1·2
Brighton	cbc	bcc	44	55	0·1	–	8·2	1·5
Eastbourne	cbc	cbcc	46	55	2	–	7·6	0·0
Hastings‖	coc	cbc	47	55	–	–	8·1	0·3
Folkestone	cbc	bc	45	53	Trace	–	6·4	0·1
Dover	cbc	bcbc	39	58	1	–	8·4	1·0
Tunbridge Wells	ocbc	bc	45	58	–	–	7·0	0·1
Ramsgate	cbc	bc	47	61	–	–	7·7	0·0
Margate	bcc	bc	43	59	–	–	6·0	0·0
Deal	bc	bc						

TERMS OF SUBSCRIPTION.—6/6 per quarter or 26/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ¶ The observations at 1h G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page I. †‡ See footnote page I.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ♦ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24646 Wednesday, 15th. May, 1929. Page 1.

Observations at 13h. G.M.T. ...19th.......

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0–12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0–9	Cloud Low Height Feet	Low Form	Low Amt. 0–10	Upper Form.	Total Amt. 0–10	State of ground.
Lerwick	1000.2	-2	SE	3	orr	45	97	6	1500	Nb	10	–	10	•
Stornoway	993.6	0	ENE	1	bc	52	75	9	4000	Cu	1	ACu	4	•
Wick	995.6	-2	S	5	c	47	92	7	1500	St	6	ASt	10	•
Tiree	992.7	+2	N	3	c	48	92	8	1500	CuNb	10	–	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	995.8	-3	SSE	5	bc	50	85	6	1500	Sr	1	ACu	7	1
Malin Head	994.0	+8 (red correction)	NWW	5	c|pr₀	49	85	8	2500	CuNb	9	–	9	•
Renfrew	991.1	-2	S	4	orr	49	92	6	450	Nb	10	–	10	2
Edinburgh (Inchkeith)	992.9	-3	SSE	3	c	49	75	8	5700	StCu	4	ASt	10	•
Leuchars	994.6 (red correction)	-2	ESE	5	cr₀	51	75	7	1500	CuNb	8	ASt	9	1
Eskdalemuir	993.4	-4 (red correction)	SSW	7	orr	48 (red correction)	92	6	1500	Nb	10	–	10	2
Tynemouth	997.1	-2	SW	6	bcjp	55	55	7	2500	CuNb	5	Ci	6	•
Blacksod Point	1000.9	+5	SW	4	bc	52	75	8	•	CuNb	6	–	6	•
Donaghadee	993.9	+5	W	6	cjp	52	75	8	1500	CuNb	8	–	8	•
Birr Castle	1000.7	•	W	6	c|r	55	55	8	4000	Cu	9	•	9	•
Holyhead	1000.8	+2	SW	5	cr₀	51	69	7	2500	St	9	–	9	1
Liverpool (Bidston)	999.8	0	SWW	6	c	56	55	8	2500	CuNb	4	CiCu	8	•
Chester (Sealand)	1001.0	+1	SW	6	bc	58	55	8	2500	Cu	7	–	7	1
Harrogate	999.2	-1	SSW	6	bc	55	45	8	4000	Cu	3	–	3	•
Spurn Head	1001.6	-2	W'S	6	c	57	75	7	4000	CuNb	9	–	9	•
Birmingham (Edgbaston)	1004.0	-1	SW	4	bc	52	75	8	2500	Nb	3	–	3	1
Cranwell	1004.1	-2	W	5	crr	48	92	7	800	Nb	9	–	9	1
Gorleston	1007.1	-4	SSW	5	c	52	85	6	2500	Nb	8	–	8	•
Valentia (Cahirciveen)	1008.2	+5	WSW	6	bc	54	75	8	1500	Cu	3	ACu	4	1
Roches Point	1006.2	+3	NW	3	c	53	85	8	1500	CuNb	8	–	8	•
Pembroke (St. Ann's H.)	1004.6	+2	WSW	6	bc-	51	85	7	1500	StCu	5	ASt	7	•
Ross-on-Wye	1005.2	0	W'S	6	bc-	54	65	8	4000	Cu	4	CiCu	4	1
Leafield	1006.5	0	SW'W	5	cR	48	92	7	1500	CuNb	8	–	8	2
Winchester (Worthy Dn.)	1009.2	-1	SSW	5	bc|pr₀	55	65	8	2500	StCu	6	–	6	2
S. Farnborough	1008.8	-1	SW	6	c|pr₀	55	65	7	1500	CuNb	9	–	9	1
London (Kew Obsy.)	1008.1	-2	SW	6	c	59	55	8	1500	StCu	9	–	9	0
Croydon	1009.4	-2	SW'S	6	bcjp	58	55	8	1500	Cu	7	–	7	1
Shoeburyness	1009.2	-3	SW	7	bc	58	75	8	7200	Cu	3	–	3	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1009.0	-1	SSW	6	bc	58	75	8	2500	Cu	6	–	6	1
Lympne	1011.6	-1	SW	7	c-	54	75	7	800	St	8	–	8	0
Scilly (St. Mary's)	1012.2	+2	WNW	7	bc	54	75	7	4000	Cu	6	–	6	•
Falmouth (Pendennis)	1012.1	+2	W'S	6	bc	54	65	8	4000	Cu	7	–	7	•
Plymouth (Cattewater)	1011.2	+1	WSW	7	c-	55	65	7	4000	CuNb	8	–	8	1
Portland Bill	1010.4	0	SW	7	c	51 (red, over 50)	75	8	1500	StCu	9	CiSt	10	•
Southampton (Calshot)	1011.0	-1	W'S	6	bc	56	75	7	800	Cu	5	–	5	1
Dungeness	1012.0	-2	SW	6	bc	53	75	8	2500	Cu	5	–	5	•
Guernsey (Fort George)	1015.1	+1	WSW	6	bcjp	52	85	7	1500	CuNb	7	–	7	•

Observations at 18h. G.M.T. ...19th.......

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0–12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0–9	Cloud Low Height Feet	Low Form	Low Amt. 0–10	Upper Form.	Total Amt. 0–10	Sea. 0–9
Lerwick	999.1	-3	SE	3	bc-	47	92	7	1500	Cu	5	CiSt	7	•
Stornoway	993.8	0	NNE	2	c|PR	51	75	8	4000	CuNb	9	–	9	1
Wick	994.9	-1	S	4	bc	46	92	7	1500	St	5	CiSt	7	3
Tiree	995.4	+3	NNW	4	b	50	92	9	2500	Cu	1	–	1	4
Nairn	992.4	•	–	0	c+	52	75	8	2500	Cu	8	–	8	•
Aberdeen	993.2	-2	SE	3	c|r	46	92	6	2500	Nb	6	ASt	10	1
Malin Head	998.5	+3	W'N	4	bc	51	75	8	4000	Cu	1	ACu	3	3
Renfrew	994.2	+6	W	4	ojp	49	85	7	1500	St	10	–	10	•
Edinburgh (Inchkeith)	990.6	-2	WSW	4	o|PR	46	85	7	800	Nb	10	–	10	1
Leuchars	990.8	-3	–	0	cr₀	48	92	7	1500	Nb	5	ASt	10	•
Eskdalemuir	994.7	+3	SWW	5	or	45	92	6	1500	Nb	10	–	10	•
Tynemouth	995.9	0	SW	6	bc|pr₀ (red)	52	65	7	1500	Cu	4	Ci	5	2
Blacksod Point	1002.0	+1	WSW	5	c	51	85	8	•	CuNb	8	–	8	6
Donaghadee	999.0	+5	WNW	5	bc|pr₀	51	75	8	1500	CuNb	5	ACu	7	4
Birr Castle	1003.5	•	W	4	c|pr₀	52	75	7	2500	Nb	9	–	9	•
Holyhead	1002.6	+2	SW	4	c	51	75	8	4000	StCu	6	CiSt	9	4
Liverpool (Bidston)	1001.3	+1	WSW	5	bc-	53	65	8	2500	StCu	4	Ci	6	•
Chester (Sealand)	1002.2	+2	WSW	5	bc|pr₀	53	65	8	2500	CuNb	5	Ci	7	•
Harrogate	1000.4	0	SW	4	cr	48	85	8	5700	Nb	7	ACu	8	•
Spurn Head	1001.7	0	W'S	5	c	53	85	7	4000	CuNb	6	ACu	8	2
Birmingham (Edgbaston)	1004.9	0	SW	4	bcjp	52	65	8	2500	CuNb	6	–	6	•
Cranwell	1003.7	0	SW'W	5	b-	54	75	8	2500	CuNb	2	–	2	•
Gorleston	1006.2	-2	SSW	5	c|pr₀	55	65	6	2500	Nb	9	–	9	1
Valentia (Cahirciveen)	1008.7	0	SW'W	4	cr₀r₀	51	92	7	800	St	7	ASt	10	7
Roches Point	1008.2	+3	NW	3	c	56	65	8	2500	CuNb	3	Ci	8	4
Pembroke (St. Ann's H.)	1006.2	+3	WSW	6	bc	50	85	6	2500	Cu	3	CiCu	7	5
Ross-on-Wye	1006.8	+1	W'S	4	or-	50	85	7	2500	Nb	10	–	10	•
Leafield	1007.0	0	SW'W	5	cjp	50	75	8	1500	CuNb	9	–	9	•
Winchester (Worthy Dn.)	1009.5	0	SW'W	4	cr	51	85	8	1500	CuNb	9	–	9	•
S. Farnborough	1008.9	+1	WSW	5	c|pr₀	53	75	7	1500	CuNb	9	–	9	•
London (Kew Obsy.)	1008.8	0	WSW	4	c|PR	53	75	7	1500	CuNb	5	Ci	8	•
Croydon	1009.3	+1	WSW	5	c|pr₀	53	75	7	1500	CuNb	8	–	8	•
Shoeburyness	1008.7	0	SW	6	c+	54	85	7	1500	St	6	ACu	8	•
Clacton-on-Sea	1008.8	-1	SW	5	bc	52	75	7	4000	CuNb	5	–	5	4
Felixstowe	1008.9	+2	WSW	5	cr	50	92	7	1500	Nb	9	–	9	6
Lympne	1010.9	0	SW'W	6	bc	50	75	7	1500	StCu	7	–	7	•
Scilly (St. Mary's)	1013.3	+1	W'N	6	or₀r₀	52	92	6	4000	Nb	10	–	10	5
Falmouth (Pendennis)	1012.7	+1	W	5	cr₀+	52	85 (red, over 55)	7	2500	Nb	8	CiSt	10	1
Plymouth (Cattewater)	1012.0	+1	W	6	bc-	53	75	7	4000	Cu	2	Ci	4	5
Portland Bill	1011.2	+1	WSW	7	c+	51 (red, over 50)	85	8	1500	St	9	–	9	6
Southampton (Calshot)	1010.7	0	W'S	6	bc+	52	85	7	1500	Cu	3	Ci	4	3
Dungeness	1010.9	-1	SW	6	bc	51	85	8	–	–	0	CiSt	4	5
Guernsey (Fort George)	1015.4	0	WSW	6	bc-	51	85	7	2500	CuNb	3	–	3	6

LONDON OBSERVATIONS. Day 7h–18h, Kew & Croydon. 9h–13h, Kensington. 9h–21h, other stations.

Station	Height above M.S.L. in feet	Weather (24 hours ended 9h.) Morning	Afternoon	Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	bcrqy	bcRHq	cprqcqcr	59	48	43	3	0.9	9.1	•	•	8
Croydon	264	cpr₀	cpr₀	cbcdqr₀	59	48	44	0.3	0.2	8.7	•	•	6
Greenwich (Royal Obsy.)	149	cp	cp	cpcr₀c	63	47	40	3	1	8.5	63	74	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	8.0	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	59	49	–	3		8.8	74	75	•
Regent's Pk. (Botanic Gdns).	188	•	•	•	•	•	•	•	•	6.5	•	•	•
Camden Square	110	c	c-op	•	59	48	–	4	1	•	•	78	•
Kensington Palace	80	bcp	cop	•	60	48	43	4	0.2	•	(At 18h) 93	80	•
Hampstead Observatory	450	•	•	•	57	44	38	7	Tr	7.7	•	83	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 15th

South Kensington			
Max.	Time.	Min.	Time.
0.8	17hrs 14th	<0.3	22hrs 14th 5hrs 15th
Kew Observatory			
Max.	Time.	Min.	Time.
0.1	7hrs 15th	<0.1	Rest of Period.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 14th 21 h 00 m. to 15th 2 h 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	5.45	04.02	70
δ Ursae Minoris	5.45	03.50	67

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

15th–16th May, 1929.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.59 3.58	11.49 11.49	19.40 19.42
Greenwich	4.11 4.9	11.56 11.56	19.42 19.44
Wick	3.49 3.47	12.9 12.9	20.30 20.32
Valentia	4.50 4.49	12.37 12.37	20.25 20.27

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ⩊ = lunar halo.
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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

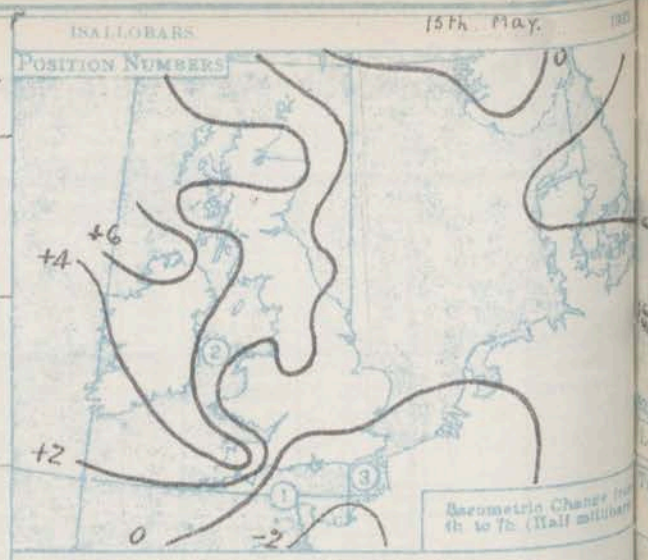
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-18h. 14th	Weather. 18h.-18h. 14th	Weather. 18h. 14th to 1h. 15th	Weather. 1h.-7h. 15th	Temperature. Max. Day. Th.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 14th Hours.
Lerwick	cor r m.	orr m. bc	bcc	c	48	45	.	8	<8.00	-	-	0.9
Stornoway	b-bc	bc PR	c	p	56	44	.	0.3	17.30	2	02.30	8.1
Wick	b-bc	c	or. r	orr	47	45	.	-	-	9	<21.00	.
Tiree	prc	rcbc	bcc	c pr.	50	45	40	3	<8.00	Tr	05.30	2.5
Nairn	bcbc	bcc	c PR	c	57	45	.	-	-	1	<21.00	1.7
Aberdeen	bc pr. cbc	cir. Lr	circ	cbcc	51	45	42	0.3	9.00	2	<21.00	4.6
Kalin Head	cpr.	cbc	cr.	cRbc	52	46	.	0.5	<8.00	5	22.00	4.5
Renfrew	orcorr	orc Pq	c pr p.	c	53	41	32	5	<8.00	1	<21.00	1.0
Edinburgh (Inchkeith)	cir.	cpr	cir. bc	bcc	52	44	42	1	11.00	2	24.00	1.2
Leuchars	cr. cbr	ir. Fr	cr. crc	c	53	44	41	4	9.00	1	<21.00	1.0
Eskdalemuir	cbrorhm	oiRcoirm	cpr. c	ceir. c	40	39	13	<8.00	2	<21.00	0.0	
Tynemouth	cbc p.q	bc p.q	bccbc	bcc	56	45	39	Tr	11.00	-	-	.
Blacksod Point ...	p. bc	pq c	pbc	p. cq	55	48	.	3	.	0.4	.	.
Donaghadee	cq pr.	cq pr.	pr. bc	irir.	55	46	.	3	<8.00	3	<21.00	.
Birr Castle	cpcby	cp. cb	cp.	c	56	47	43	0.6	<8.00	Tr	<21.00	8.7
Holyhead	r. cm.	r. c	pr. ir.	cbc m.	56	47	45	0.1	<8.00	2	<21.00	3.6
Liverpool (Bidston) ...	cp. q y	cq pc	Pb P	cq	56	47	42	0.1	9.00	1	<21.00	5.5
Chester (Sealand) ...	pr. bcq	bc prq	bc PR rr	cbc m.	59	49	43	0.1	<8.00	2	22.00	8.8
Harrogate	c Pcbc	bccp	cbcir	bccir	57	45	40	3	<8.00	3	<21.00	7.5
Spurn Head	bcc	cprtqc	cbcc	cprbc	60	46	.	1	13.30	Tr	02.30	9.0
Birmingham (Edgbaston)	bcprc	ctl PR H	cpr.	cbc	54	43	40	6	<8.00	0.4	<21.00	5.9
Cranwell	bccir	~~bcmcjp~~	bcb	bcc	55	46	43	3	9.00	-	-	9.5
Gorleston	bccpr. q	ctl pr bcq	cpr. bcq	bcq b	59	48	44	1	11.00	0.5	<21.00	8.1
Valentia (Cahirciveen)	cp. bccpr	bccr.	crrcorc	c	54	50	48	1	<8.00	3	<21.00	3.6
Roches Point	bcq p. c	cq p. c	cp. c	c	58	48	.	0.1	11.00	0.1	22.00	.
Pembroke (St. Ann's H.)	cr. bc	bc	bcciror. r	or. rcp	52	46	.	0.6	<8.00	2	22.00	5.8
Ross-on-Wye	ircphrc	bcqipcor	r. cc	cp. cbc	55	47	43	6	<8.00	0.5	<21.00	3.2
Leafield	bccpPq	bcp	cpbcc	c	54	44	41	2	9.00	0.4	<21.00	5.8
Winchester (Worthy Dn.)	bccpr.	bccpr	crbc	bccpr	57	47	45	2	12.30	0.4	<21.00	6.9
S. Farnborough ...	bccpr	cp	c	cd. d. P	58	47	43	2	<8.00	1	09.30	8.7
London (Kew Obsy.) ...	bccq y	bcRHq	cprq	cq cm.	59	48	43	3	13.30	0.4	<21.00	9.1
Croydon	cpr.	cpr.	cbcb	cd. r. m.	59	48	44	0.3	9.00	0.2	05.30	8.7
Shoeburyness	bbc	bcqc	cpr.	cbc	60	47	44	-	14.30	0.1	<21.00	9.6
Clacton-on-Sea ...	bc	bc	bccpc	cbc	57	49	45	-	-	2	22.00	9.1
Felixstowe	cbc	bcprcPR	crcpr	bcz.	58	48	45	1	13.30	1	<21.00	8.7
Lympne	cm.	cbc	cpr. cb	orr r. f	54	46	43	-	-	2	<21.00	9.2
Scilly (St. Mary's) ...	bcjp p.	bccorr	orrcorr	orrcbc	55	50	.	1	<8.00	7	24.00	9.3
Falmouth (Pendennis)	bcprq	bccr. q	cro Rr	orc	55	50	.	Tr	[illegible]	8	<21.00	8.1
Plymouth (Cattewater)	cpr. q b	cq pr. b	bqcr	crrq	56	49	48	Tr	<8.00	7	<21.00	6.6
Portland Bill	bcc	cbc	bccpor. r.	orr	52	48	.	-	-	10	22.00	.
Southampton (Calshot)	p. cq p	bcq	bcm. cr.	cr. orr a. c	57	49	47	(Tr)	-	3	22.00	9.9
Dungeness	bcbc	bcq	bccqm.	oq r. rr	54	47	.	-	-	2	01.30	.
Guernsey	bccb pr. q	bcprq	bccpiqcrprq		54	50	.	2	11.00	6	22.00	11.5



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	14th 10h	CAMBRIA	SW	5	c-	52	48
1	" 12h	ST. HELIER	WSW	7	b-	52	49

GENERAL INFERENCE.

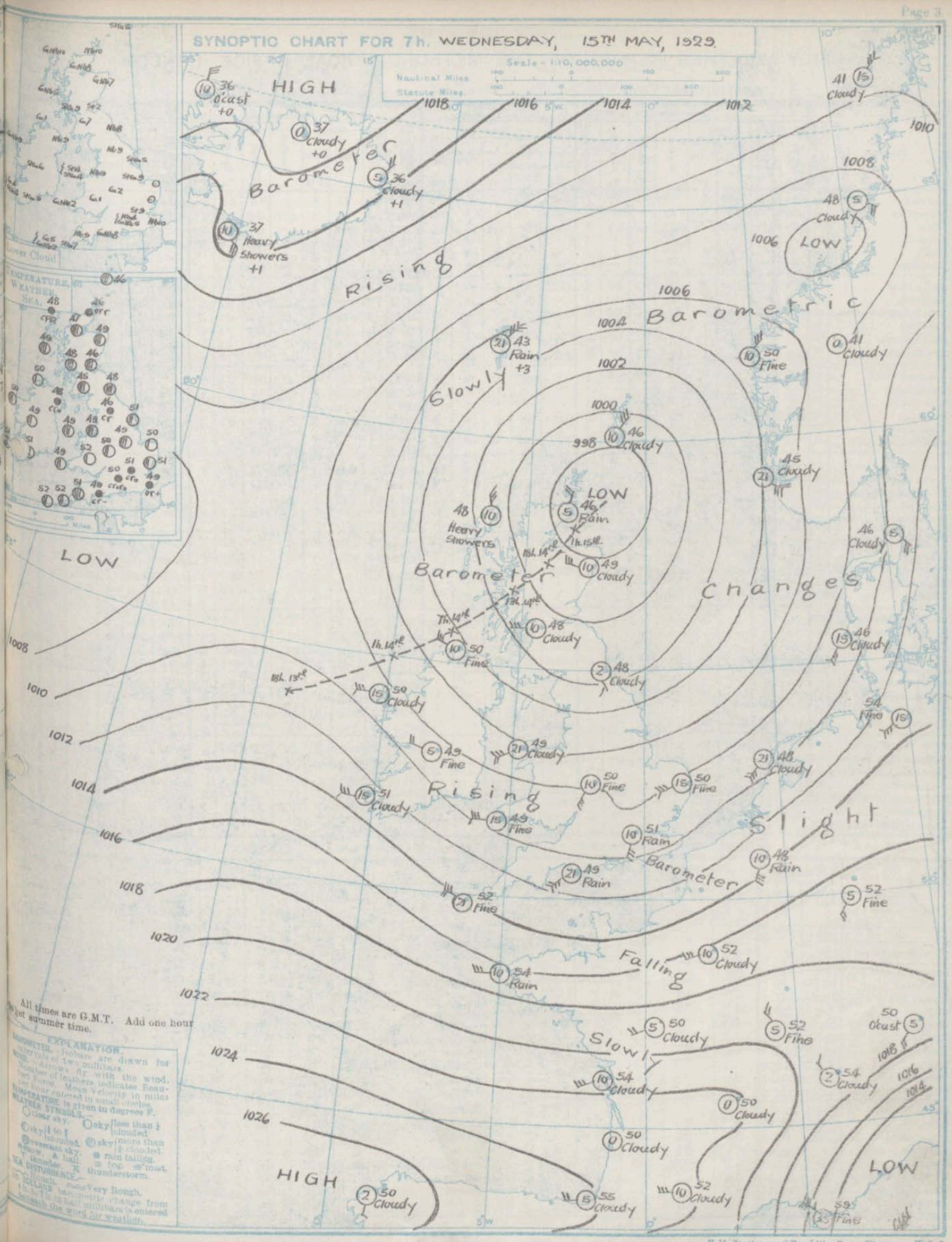
A depression moving eastwards between Northern Scotland and Southern Norway will be followed by a ridge of high pressure. An interval of mainly fair weather will occur but with the approach of another depression from the Atlantic rainy conditions will soon be renewed along the western seaboard.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Wednesday, 15th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Westerly winds, moderate or fresh; bright intervals, a few local thundery showers; moderate temperature with slight ground frost locally at night.	Warmer but unsettled with further rain spreading from the West.
5. S.W. England 6. South Wales 7. North. Wales 8. N.W. England	West to northwest winds, moderate, backing and freshening; bright intervals but local thundery showers today, occasional rain tomorrow; moderate temperature.	
9. N. Midlands 10. N.E. England	As 1 - 4.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotland B. N. W. Scotland	Northwesterly to variable then southwesterly winds, light to moderate, freshening; showery with bright periods today, cloudy with rain at times tomorrow; moderate temperature with slight ground frost at night locally.	
14. Mid Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Northerly to variable winds, light to moderate; occasional rain then bright periods; moderate temperature with slight ground frost locally at night.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Westerly winds, light to moderate, backing and freshening; bright periods at first, becoming cloudy with rain later; moderate temperature.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0920 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For code see page 1.

† Trace = rain has fallen, but amount less than 0.1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Wednesday 15th May 1929. No. 135

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 15th. Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 15th. Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	64	998.5	0	SE	3	c	46	92	8	1500	StCu	5	A St	10	998.4	0	NE	3	c	46	85	8	1500	StCu	5	A St	10	•
Stornoway	30	998.0	+3	N	1	c	•	•	6	•	•	•	•	10	1000.9	+4	N	3	cPR	48	92	8	4000	CuNb	10	–	10	2
Wick	81	995.4	+1	NNE	2	or r.	46	97	8	1500	St	10	–	10	997.5	+4	NNE	2	orr	46	97	7	1500	Nb	10	–	10	1
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.8	+3	NNW	3	c	49	85	8	2500	CuNb	5	ACu	8	1
Nairn	62	•	•	•	•	•	•	•	•	•	•	•	•	•	999.5	•	–	0	c/r	47	92	7	1500	CuNb	8	–	8	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	998.3	+4	WNW	3	c	49	85	7	1500	CuNb	7	ACu	8	0
Malin Head	51	999.7	0	WSW	3	cr.	49	97	7	2500	Nb	4	ASt	10	1004.5	+7	NW'W	3	b	50	85	8	4000	Cu	1	–	1	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.5	+4	W	3	c	48	92	8	4000	StCu	9	–	9	•
Edinburgh (Inchkeith)	190	996.3	+5	WSW	4	bc	46	88	8	4000	Cu	5	–	5	999.5	+3	WSW	4	c	46	85	7	1500	St	2	ASt	8	2
Lenchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	999.6	+3	WSW	2	cD	49	75	8	5700	StCu	3	CiSt	8	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.7	+3	W'N	2	c	45	85	7	1500	Cu	7	Ci	8	
Tynemouth	67	999.8	+1	WSW	3	bc	47	75	6	2500	Cu	2	Ci	3	1001.4	+2	SSE	1	c	48	75	6	800	Nb	8	–	8	0
Blacksod Point	18	1004.8	+1	W	4	bc	49	85	7	•	CuNb	6	–	6	1009.1	+4	W	4	c	50	85	8	•	CuNb	9	–	9	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1004.0	+4	WNW	2	cr.	48	85	8	1500	Nb	9	–	9	2
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.7	•	WNW	2	bc	49	85	7	4000	StCu	6	–	6	
Holyhead	70	1005.0	+1	WSW	4	c/r	49	85	8	4000	St	9	–	9	1006.5	+2	WSW	5	c+	49	85	7	4000	St	8	–	8	•
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.4	+2	W'N	6	c-	49	75	8	1500	Nb	9	ACu	9	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.8	+3	W'S	4	bc	52	65	6	4000	StCu	5	ASt	7	
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1004.1	+2	SW	3	cr	46	92	7	2500	Nb	9	–	9	•
Spurn Head	29	1005.6	0	W'N	4	c	48	92	7	4000	CuNb	6	ACu	8	1004.6	+1	WNW	5	bc+	51	85	7	5700	StCu	5	ACu	7	3
Birmingham (Edgbaston)	536	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.3	+1	SW	3	bc	50	75	8	2500	Cu	3	ACu	4	•
Cranwell	236	1005.8	+1	WSW	5	bc	48	85	7	2500	StCu	3	–	3	1006.9	+1	WSW	4	c+	49	85	7	4000	StCu	9	–	9	
Gorleston	14	1007.9	0	SW	4	bc	50	85	7	4000	Cu	4	–	4	1008.2	+1	WSW	4	b-	50	85	7	–	–	0	ACu	1	1
Valentia (Cahirciveen) P	30	1011.8	+2	SW	5	c/r	50	97	8	✱	St	8	–	8	1012.7	+3	W'N	4	c	51	85	7	1500	Cu	8	–	8	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.6	+4	NW	3	c	51	85	8	2500	StCu	9	–	9	0
Pembroke (St. Ann's H.)	160	1007.8	0	WSW	4	or r.	49	97	6	450	St	10	–	10	1009.0	+2	W	4	bc-	49	97	7	1500	CuNb	2	ACu	6	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.5	+1	W	3	b-	52	85	8	4000	Cu	1	CiCu	2	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.7	+1	SW	3	cd-	46	97	7	450	St	9	–	9	
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.5	-1	SW'S	2	c	50	92	7	800	St	10	–	10	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.1	0	SW	2	cr.	50	92	7	800	CuNb	9	–	9	•
London (Kew Obsy.)	18	•	•	•	•	•	49	•	•	•	•	•	•	•	1009.6	0	SSW	3	cr.	51	92	6	1500	St	9	ACu	10	•
Croydon	244	1011.1	0	SW'S	4	b-	48	85	6	1500	St	1	–	1	1010.1	0	SSW	2	cr.	50	92	6	1500	St	9	ASt	10	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.8	+1	SW	2	bc	52	92	7	7200	St	6	ACu	7	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.1	0	WSW	4	bc	51	85	7	–	–	0	Ci	5	4
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.4	0	WSW	3	bc	52	85	6	4000	Cu	1	Ci	4	2
Lympne	350	1012.0	0	SW'W	4	b-	46	92	7	4000	StCu	1	–	1	1010.6	0	SW	3	or r.	49	97	6	450	Nb	10	–	10	
Scilly (St. Mary's)	163	1012.2	-2	W'N	7	orr	51	97	6	2500	Nb	10	–	10	1014.4	+2	NW	5	bc	52	92	6	4000	Cu	7	–	7	5
Falmouth (Pendennis)	200	1012.1	-1	W	4	oR-	50	97	7	1500	Nb	10	–	10	1013.0	+2	NW'W	4	bc-	52	85	8	4000	StCu	7	–	7	1
Plymouth (Cattewater)	83	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.0	+4	WNW	5	c	51	85	8	1500	Nb	9	–	9	4
Portland Bill	52	1010.3	-2	WSW	6	or r.	49	92	8	1500	Nb	10	–	10	1010.2	-1	WSW	5	cr-	49	92	8	1500	CuNb	8	–	8	5
Southampton (Calshot)	10	1011.7	-1	W	4	cr.	50	92	7	1500	Nb	7	ASt	10	1010.1	-1	W'N	3	c/p	51	92	7	800	Nb	7	ACu	9	0
Dungeness	20	1012.2	0	SW	6	o+	49	92	6	800	St	10	–	10	1010.4	-1	SW	3	or+	49	97	6	800	Nb	10	–	10	4
Guernsey (Fort George) P	205	1015.4	-3	SW	3	oPR	50	97	5	1500	Nb	10	–	10	1013.2	-1	WSW	7	c	51	97	7	1500	CuNb	9	–	9	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19th May

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-13th. to 9h. 14th.	Temperature. Max. 9h.-17th. 19th.	Rainfall.† Night 17h.-9h. 13th.-14th.	Rainfall.† Day 9h.-17h. 19th.	Sunshine. Sunrise to 17h. 14th.	Sunshine. Sunrise to Sunset. 13th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	cpr.	bc c	42	53	1	0.4	2.3	8.9
Douglas (I. o. M.)	cpq	cbcc	46	53	–	4	1.6	1.2
Llandudno	bcpc	bc	48	56	0.4	Trace	8.4	2.3
Colwyn Bay	bbcc	cb	48	58	2	–	7.2	3.2
Rhyl	bc	bc	47	58	2	–	10.3	2.2
Wallasey	cbc	bcpc	45	58	1	(Trace)	4.4	3.4
Southport	ococ	cop.co	* 45	58	2	Trace	4.2	3.4
Blackpool	orcq	opc	45	55	6	0.5	0.7	3.8
Ilkley	cp	cro	43	57	3	3	4.0	8.7
Cleethorpes	cpc	ctlhc	43	59	1	2	7.2	10.0
Skegness	cocpr	cbcb	45	57	0.1	2	9.3	9.5
Aberystwyth	pcbc	bcc	47	51	7	–	5.7	1.3
Bath	cpbc	cpbc	46	55	1	5	3.1	0.6
Cheltenham‖	cbpc	bccr	45	56	0.5	3	3.1	3.4
Leamington Spa	cr	chrc	41	57	1	4	4.6	4.4
Lowestoft	bbc	bcpbc	47	59	0.5	0.2	7.4	10.2
Harwich & Dovercourt	rbc	bcp	46	62	1	Trace	5.3	10.6
Maldon	bcp	bcor	42	60	1	0.5	8.0	4.2
Southend	crcb	cb	46	59	0.3	Trace	10.7	7.2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	pbcc	cbc	42	55	2	–	2.3	0.0
Penzance	b	bc	48	58	0.5	–	9.7	3.3
Paignton	bcbcc	r.pgc	47	57	–	Trace	5.6	1.0
Torquay	p.bcq	cp.qc	48	57	0.2	0.1	5.7	0.7
Jersey	dcbc	b	48	55	0.4	–	11.0	1.3
Weymouth	bbbc	bbc	47	56	1	–	8.6	0.5
Bournemouth	cbp	bcbcc	46	57	3	–	9.5	0.6
Ventnor	brbz	bz	45	52	4	–	9.1	3.0
Portsmouth (S'thsea)	b	b	47	57	3	–	9.6	3.0
Bognor	cprbc	b	48	54	3	1	9.3	3.8
Littlehampton	bcpbc	bc	48	54	2	1	8.3	4.6
Worthing	crbc	bc	47	56	2	1	9.7	6.0
Brighton	cpcbc	bcb	48	54	2	1	9.1	6.8
Eastbourne‖	bc	bb	47	55	3	–	11.5	8.2
Hastings‖	bccbc	bcbb	46	55	3	–	9.0	7.6
Folkestone	cbc	bc	46	56	2	–	9.6	8.7
Dover	bc	bbc	47	53	2	–	10.4	6.9
Tunbridge Wells	opcb	bbc	44	55	–	Trace	8.1	8.6
Ramsgate	bc	bc	47	56	0.2	–	8.4	7.8
Margate	bc	bc	46	59	Trace	–	8.3	7.9
Deal	b	b	46	57	2	–	10.5	6.7

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station § For code see page 1. ‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 9h.-9h. ✱ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 20647 THURSDAY 16th May 1929. Page 1.

Observations at 15h. G.M.T. 15th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours ‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility § 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground.
Lerwick	1000·8	+3	NE	2	cjp	48	85	7	1500	Cu Nb	3	ASt	10	•
Stornoway	1006·1	+3	N	4	bc	54	65	8	4000	Cu Nb	7	-	7	•
Wick	1003·6	+5	N	3	c	49	85	8	1500	Nb	6	ASt	10	•
Tiree	1008·4	+6	NNW	3	b-	53	85	9	-	-	0	Ci	1	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1003·8	+5	NW	4	bc	53	65	8	2500	Cu	6	ACu	7	1
Malin Head	1010·2	+6	W'N	4	b	53	92	6	4000	Cu	1	-	1	•
Renfrew	1006·0	+4	WNW	4	bc	59	55	8	4000	Cu	6	-	6	1
Edinburgh (Inchkeith)	1004·0	+4	WSW	2	cr	51	75	8	4000	Nb	9	-	9	•
Leuchars	1004·3	+6	W	3	bc/pc	55	75	8	2500	Cu Nb	6	ACu	7	2
Eskdalemuir	1005·4	+4	W'N	4	c/pr₀	55	55	8	2500	Cu Nb	6	-	6	2
Tynemouth	1004·6	+2	WNW	2	bc/r	58	55	7	2500	Cu Nb	5	-	5	•
Blacksod Point	1013·9	+4	W	3	bc	54 (53)	85	8	•	Cu Nb	6	-	6	•
Donaghadee	1009·6	+4	NW	3	bc+	57	65	8	1500	Cu Nb	5	-	5	•
Birr Castle	1013·5	•	NW	3	o+	54	65	8	2500	Nb	10	-	10	•
Holyhead	1010·5	+5	W'N	5	b-	55	65	8	4000	Cu	1	-	1	0
Liverpool (Bidston)	1009·3	+4	WNW	6	bc-	53	75	8	2500	Cu	2	CiSt	3	•
Chester (Sealand)	1009·4	+5	WNW	6	c-	56	65	7	2500	Cu	8	-	8	1
Harrogate	1006·5	+3	W	4	bc-	56	65	8	4000	Cu	3	-	3	•
Spurn Head	1007·1	+2	NW	5	c/pr₀	53	85	6	4000	Cu Nb	5	ASt	9	•
Birmingham (Edgbaston)	1010·1	+4	W	4	c/r₀	52	75	6	2500	Nb	8	-	8	1
Cranwell	1008·9	+3	W'N	4	c	55	75	7	2500	StCu	9	-	9	1
Gorleston	1008·8	0	W'S	4	c/pr₀	54	85	6	1500	Nb	9	-	9	1
Valentia (Cahirciveen)	1016·7	+4	W'N	4	bc	55	75	8	1500	StCu	5	-	5	1
Roches Point	1014·8	+3	N	3	c	56	75	9	2500	StCu	8	-	8	•
Pembroke (St. Ann's H.)	1013·1	+2	WNW	3	bc-	51	85	7	2500	Cu	2	ACu	4	•
Ross-on-Wye	1011·5	+2	NW	4	c+	56	55	8	4000	StCu	9	-	9	1
Leafield	1010·6	+2	NW	5	bc	56	55	9	2500	Cu	7	-	7	1
Winchester (Worthy Dn.)	1011·2	+2	WNW	4	c/pr₀	56	65	8	2500	Cu Nb	8	-	8	1
S. Farnborough	1011·0	+3	W	4	c	58	55	7	4000	StCu	7	ASt	9	1
London (Kew Obsy.)	1010·9	+2	W'S	3	c	59	55	8	2500	StCu	8	ACu	9	1
Croydon	1011·0	+2	W'N	4	c/pr₀	58	55	7	5700	StCu	6	ASt	9	1
Shoeburyness	1010·5	+2	WSW	2	bc/r	59	75	8	5700	StCu	3	-	3	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1009·5	0	S	3	bc	58	75	8	4000	Cu	4	-	4	1
Lympne	1010·9	+1	WSW	2	cr₀	55	75	8	2500	Cu Nb	8	-	8	1
Scilly (St. Mary's)	1016·5	+2	NW	5	bc+	56	85	6	4000	Cu	2	CiSt	5	•
Falmouth (Pendennis)	1015·6	+4	WNW	4	bc	56	75	8	4000	StCu	6	-	6	•
Plymouth (Cattewater)	1014·7	+3	WNW	5	c	56	65	8	2500	Cu Nb	8	-	8	2
Portland Bill	1012·9	+2	SW	4	bc	55 (51)	92	8	1500	StCu	6	-	6	•
Southampton (Calshot)	1012·2	+3	NW'W	4	c+	61	65	8	1500	StCu	7	CiCu	8	0
Dungeness	1011·6	+2	SW	3	bc/r	53	85	7	2500	Cu	6	-	6	•
Guernsey (Fort George)	1011·6	+2	W'N	5	c	54	85	7	1500	Cu Nb	8	-	8	•

Observations at 18h. G.M.T. 15th

STATIONS	Barom. at M.S.L. mb.	Change in 3 Hours ‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility § 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1004·0	+3	N'E	2	c	48	92	6	800	St	5	ASt	10	•
Stornoway	1010·2	+5	N	7	bc	51	75	9	4000	Cu	7	-	7	1
Wick	1007·3	+5	NNW	4	bc	50	85	8	1500	Cu Nb	5	CiSt	7	0
Tiree	1011·9	+4	N'W	2	b	57	75	8	-	-	0	-	0	1
Nairn	1008·7	•	NNW	1	bc	54	65	7	2500	Cu Nb	7	-	7	•
Aberdeen	1008·7	+5	NW	3	bc-	53	75	8	2500	Cu	3	ACu	6	0
Malin Head	1014·2	+5	W	4	bc	52	85	6	4000	Cu	2	ACu	4	1
Renfrew	1010·4	+5	WNW	4	b-	56	65	8	4000	Cu	2	-	2	•
Edinburgh (Inchkeith)	1008·4	+5	NE	2	c	54	55	8	4000	Cu	8	-	8	0
Leuchars	1009·3	+7	S	2	bc/pc	53	75	8	4000	Cu Nb	6	-	6	•
Eskdalemuir	1010·2	+6	WNW	5	bc/pr₀	52	65	8	2500	Cu	5	-	5	•
Tynemouth	1009·0	+3	W	1	bc pr	53	65	6	1500	Cu	4	Ci	5	0
Blacksod Point	1016·7	+3	W	3	bc	53	75	8	•	Cu	3	-	3	3
Donaghadee	1014·0	+4	NW	1	c-	51	85	8	4000	StCu	5	ACu	8	1
Birr Castle	1015·8	•	NW	1	c	56	75	8	4000	StCu	8	-	8	•
Holyhead	1013·6	+3	W'N	5	bc+	54	65	8	5700	StCu	2	ACu	4	3
Liverpool (Bidston)	1012·7	+3	WNW	5	bc-	53	75	8	-	-	0	CiSt	4	•
Chester (Sealand)	1012·5	+4	WNW	5	bc	56	65	8	4000	StCu	6	-	6	•
Harrogate	1010·5	+4	W	4	b	56	65	7	4000	Cu Nb	1	-	1	•
Spurn Head	1010·6	+3	NW'N	1	c	50	97	7	4000	Cu Nb	9	-	9	2
Birmingham (Edgbaston)	1013·6	+3	WNW	3	bcjp	55	55	8	2500	Cu Nb	7	-	7	•
Cranwell	1011·0	+3	WNW	4	bc	57	65	7	4000	Cu	3	-	3	•
Gorleston	1010·8	+2	-	0	c	54	85	6	4000	Cu	8	-	8	0
Valentia (Cahirciveen)	1018·6	+2	W'S	3	bc	54	75	8	1500	StCu	5	CiCu	7	0
Roches Point	1018·2	+3	N	3	bc	59	65	9	2500	Cu	5	-	5	0
Pembroke (St. Ann's H.)	1016·7	+3	WNW	2	bc+	51	75	7	5700	StCu	7	-	7	2
Ross-on-Wye	1014·2	+2	WNW	4	bc	56	55	8	4000	StCu	3	-	3	•
Leafield	1013·4	+3	WNW	4	c/pr₀	54	65	8	1500	StCu	8	-	8	•
Winchester (Worthy Dn.)	1013·7	+3	W'N	4	bc	55	65	8	5700	StCu	3	-	3	•
S. Farnborough	1013·2	+3	WNW	3	b-	58	55	8	4000 (5700)	StCu	2	-	2	•
London (Kew Obsy.)	1013·3	+3	WNW	2	bc	59	55	8	4000	Cu	3	ACu	4	•
Croydon	1013·1	+3	WNW	4	bc-	58	45	8	4000	Cu	6	-	6	•
Shoeburyness	1012·4	+2	NW	1	b-	60	65	8	5700	Cu	1	-	1	•
Clacton-on-Sea	1011·8	+3	WNW	4	bc	59	55	7	4000	Cu	4	ACu	7	2
Felixstowe	1011·8	+3	WNW	4	c+	57	55	8	2500	StCu	7	ACu	8	3
Lympne	1012·5	+2	W	3	c+	57	55	7	2500	StCu	8	-	8	•
Scilly (St. Mary's)	1018·1	+2	NW'N	4	b	54	85	7	-	-	0	Ci	1	5
Falmouth (Pendennis)	1017·3	+2	WNW	3	bc	54	75	8	4000	Cu	3	-	3	1
Plymouth (Cattewater)	1017·1	+3	NW	5	b	56	65	8	4000	Cu	2	-	2	2
Portland Bill	1015·4	+2	W	4	bc	53	75	8	1500	Cu	4	-	4	2
Southampton (Calshot)	1014·5	+3	NNW	5	bc	56	65	8	4000	StCu	3	ACu	5	0
Dungeness	1012·6	+3	SW	4	bc	53	85	7	4000	StCu	6	CiCu	7	4
Guernsey (Fort George)	1017·2	+1	WNW	4	b-	52	85	7	-	-	0	-	0	4

LONDON OBSERVATIONS.

Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations.

Station	Height above M.S.L. in feet	Weather (24 hours ended 9h) Morning	Afternoon	Night	Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 6h. G.M.T. % (To-day)	Visibility 9h
Kew	18	coy	bcy	bwbm	61	44	32	Tr	-	4·7	•	•	8
Croydon	244	cm prc	cybc	bcbm	60	44	40	0·4	-	4·4	•	•	6
Greenwich (Royal Obsy.)	149	cy	cy	cbwm	66	44	32	-	Tr	5·8	51	52	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	4·2	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	63	44	-	-	-	6·5	64	63	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	5·3	•	•	•
Camden Square	119	c	cbc	•	62	44	-	-	0·8	•	•	61	•
Kensington Palace	80	bc	bc	•	62	44	36	-	-	•	(At 18h 55)	61	•
Hampstead Observatory	450	•	•	•	61	40	33	0·3	Tr	5·6	•	63	•

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 16th

	Max.	Time.	Min.	Time.
South Kensington	1·0	7h 16th	<0·3	3h 16th
Kew Observatory	0·1	21h 15th	<0·1	11h 15th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 15th 21 h 0 m. to 16th 2 h 46 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	5·46	5·12	90
δ Ursae Minoris	5·45	5·7	89

CODE FOR STATE OF GROUND.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

16th-17th May, 1929.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·58	11·49	19·42
	3·56	11·49	19·43
Greenwich	4·9	11·56	19·44
	4·8	11·56	19·45
Wick	3·47	12·9	20·32
	3·46	12·9	20·34
Valentia	4·49	12·37	20·27
	4·47	12·37	20·28

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog. „ less than 200 m.
m mist „ 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ⊍ = lunar halo.
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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell
1 = mod. swell
2 = heavy swell } Calm or slight sea.
3 = no swell
4 = mod. swell
5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

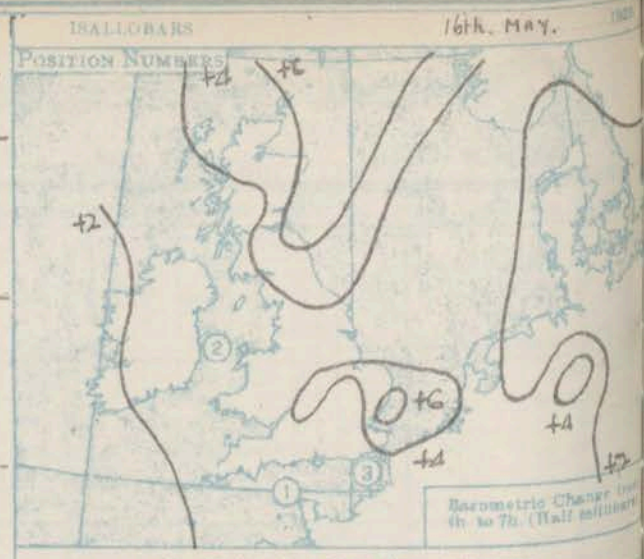
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 15th	Weather. 18h.-18h. 15th	Weather. 18h. 15th to 1h. 16th	Weather. 1h.-7h. 16th	Temperature. Max. Day. Th.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min on Grass	Rainfall† Day. 7h.-18h. mm	Rainfall† Day. 7h.-18h. began.	Rainfall† Night. 18h.-7h. mm.	Rainfall† Night. 18h.-7h. began.	Sun 15th. Hours.
Lerwick	cpr.	cpr.m.	ocpd.	oid.c	48	46	•	Tr	<8.00	Tr.	<21.00	0.0
Stornoway	c	c	bbc	C	55	44	•	Tr	<8.00	Tr.	-	9.2
Wick	orrc	b-bc	c	C	50	46	•	1	<8.00	-	-	•
Tiree	bcb	bcb	bbc	bbc	57	43	40	-	-	-	-	13.2
Nairn	bcpr	cprbc	bcw	bc	54	46	•	0.4	9.00	-	-	2.5
Aberdeen	cbc	c	bccbc	bc	55	43	31	-	-	-	-	4.3
Malin Head	bz.z.	bz.z.	bbcce	cbc	54	46	•	-	-	-	-	12.8
Renfrew	cbc	bcyb	bbc	bcc	60	39	30	-	-	-	-	10.5
Edinburgh (Inchkeith)	cbrt	cprt	cbc	bbc	56	42	40	4	<8.00	-	-	3.9
Leuchars	ctlRhcPR	bcctbcpr	bccbcbw	bwbcw	58	40	31	6	11.00	-	-	7.0
Eskdalemuir	ccpr	bcpr.bc	bcb	bbc	57	33	29	1	11.00	-	-	5.9
Tynemouth	cir.bc	bcpt	bccbc	bbc	59	44	40	2	<8.00	-	-	•
Blacksod Point ...	cbcq	bc	bbc	C	55	44	•	-	•	-	•	•
Donaghadee	ir.bc	bcc	cbc	bc	58	43	•	0.1	<8.00	-	-	•
Birr Castle	c	cbc	cbpx	bxc	57	36	28	Tr	<8.00	-	-	4.0
Holyhead	pr.cbc	bbc	bcb	bbcWm.	57	48	45	Tr	<8.00	-	-	8.0
Liverpool (Bidston) ...	qcp.c	qcbcc	bcb	bcbm.	55	46	43	Tr	<8.00	-	-	6.3
Chester (Sealand) ...	r.cprq	bcq	bc	cm.	58	45	39	Tr	9.00	-	-	6.7
Harrogate	cbcp	bcp.b	b	bw	59	41	34	0.3	<8.00	-	-	7.4
Spurn Head	cpr.	cprqtc	cprctc	bc	56	45	•	1	9.00	0.6	<21.00	3.0
Birmingham (Edgbaston)	bcpr.	cpr.	cprbc	bcc	57	44	35	0.5	11.00	0.4	<21.00	7.2
Cranwell	bccpc	cbcb	b	bbc	59	40	37	Tr	~~7.00~~	-	-	6.9
Gorleston	bbcq	cprc	cbcb	bz.	60	41	39	1	11.00	-	-	7.1
Valentia (Cahirciveen)	cbc	bc	bcc	cbcwc	56	50	45	-	-	0.1	<21.00	9.9
Roches Point	cv	cvbcv	bcvbw	bbcW	60	43	•	-	-	Tr.	-	•
Pembroke (St. Ann's H.)	bc	bc	bcb	bbc	53	46	•	-	-	-	-	9.5
Ross-on-Wye	bbccp.c	cp.cybc	bcbw	bmW	58	39	32	Tr	12.30	-	-	7.5
Leafield	crbc	bcc	cpr. ~~bb~~	b	58	40	28	1	<8.00	Tr.	<21.00	9.8
Winchester (Worthy Dn.)	cbccpr	cbcprbc	bcbW	bW	60	39	32	0.2	<8.00	-	-	5.4
S. Farnborough ...	cnc	cbcybcb	b	bW	62	39	27	Tr	<8.30	-	-	6.1
London (Kew Obsy.) ...	ccy	bcy	bW	bm.W	61	44	32	Tr	<8.00	-	-	4.7
Croydon	cm.prc	cybc	bcbm.	bm.	60	44	40	0.4	<8.00	-	-	4.4
Cheburyness	bcprbc	bcqtb	b	bm.	63	43	37	0.4	12.30	-	-	5.6
Clacton-on-Sea ...	bctpbc	bccpbc	bcb	bzW	61	43	37	0.6	11.00	-	-	8.6
Felixstowe	bcpr.	bccPRbcy	cypr.bc	bcbm.w	60	45	42	0.1	11.00	Tr.	<21.00	8.2
Lympne	orrfcpr	ctlrbcc	cbcb	bbwm.	59	41	36	7	<8.00	0.1	-	4.7
Scilly (St. Mary's) ...	bcb	bcb	b	bbc.ff	57	48	•	-	-	-	-	12.7
Falmouth (Pendennis)	bcq	bcq	bcb	bbc	58	46	•	-	-	-	-	13.2
Plymouth (Cattewater)	cprqbc	cbq	bq	bwm.	58	43	33	0.1	<8.00	-	-	~~10.3~~ 10.5
Portland Bill	cbc	bc	bv	bz.	55	48	•	-	-	-	-	•
Southampton (Calshot)	cr.cbc	bccbcy	bW	bwm.	61	42	34	Tr	<8.00	-	-	7.3
Dungeness	orrbc	bcbc	bcb	b	55	41	•	7	<8.00	-	-	•
Guernsey	cbccq	cbcbq	b	bW	55	47	•	-	-	0.1	-	11.0

† For code see page 1.

† Trace = rain has fallen, but amount less than 0.1 mm.



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	15th 10h	Cambria	W	4	C	52	48
3	16th 1h	Dieppe	NW	3	bc	51	47

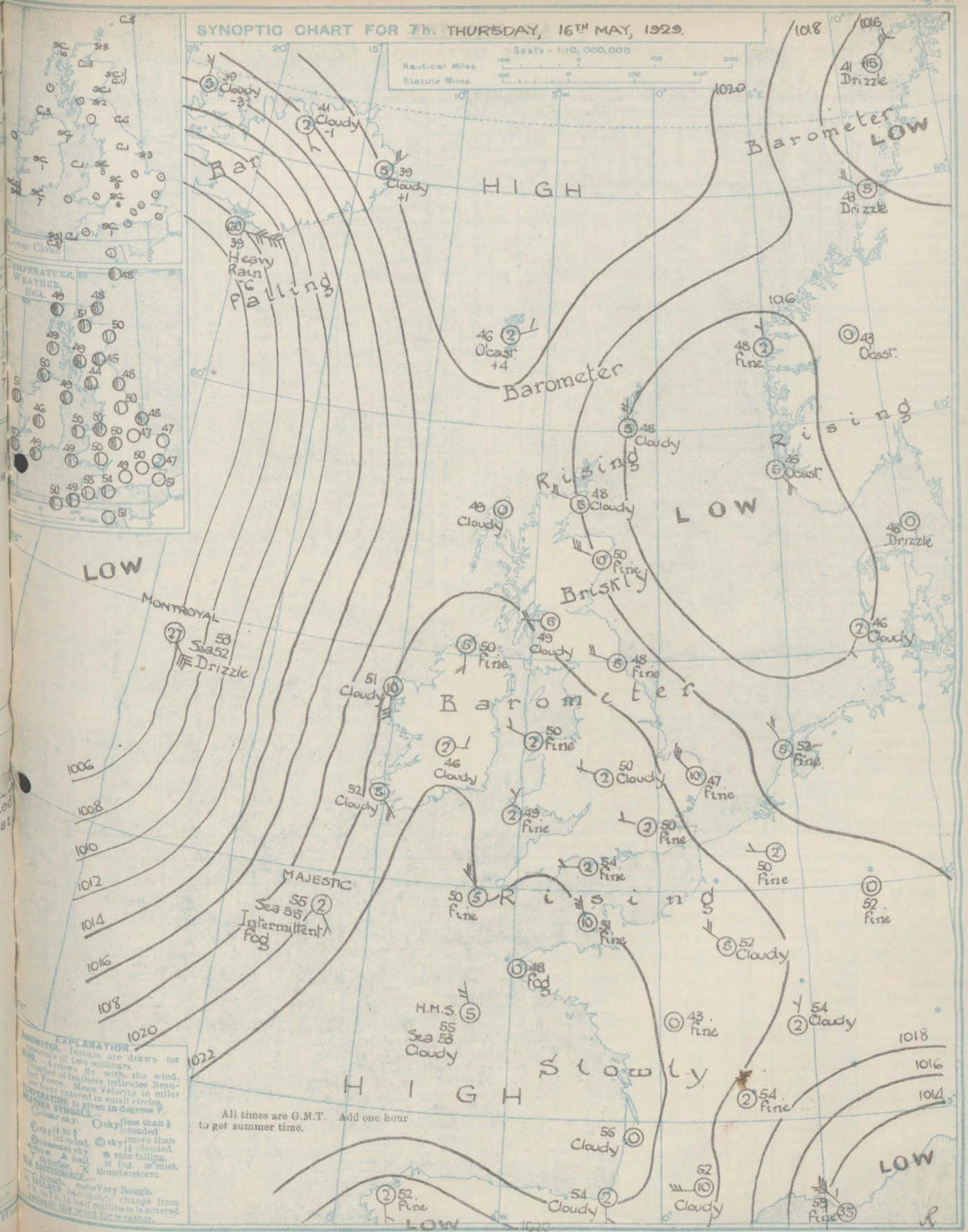
GENERAL INFERENCE.

A ridge of high pressure is moving slowly eastwards across the British Isles and a deep depression is approaching Iceland from the Southwest. Mainly bright weather with higher temperatures than of late will be general at first but later there will be some rain along the western seaboard.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Thursday, 16th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Westerly or variable winds, light to moderate; mainly bright; local morning mist; rather warm by day, slight ground frost locally in early morning.	Little change in the Southea[illegible] rather unsettled in the Northwest.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light variable winds, freshening from the south; mainly bright today, more cloudy tomorrow with perhaps occasional local drizzle; local coastal mist or fog; rather warm.	
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 4.	
12. S.W. Scotland & Isle of Man 13. A. W. Scotland B. N.W. Scotland 14. Mid-Scotland	Light variable winds, freshening from south to southwest; mainly bright at first, cloud amount increasing with perhaps occasional rain or drizzle later; local morning mist; moderate temperature with slight ground frost locally at night.	
15. N.E. Scotland 16. Orkneys and Shetlands	As 1 - 4.	
17. N.W. Ireland	As 12 - 14.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Freshening southerly to southwesterly winds; fair at first, occasional rain later; moderate temperature.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930 G.M.T.

G. C. SIMPSON, F.R.S., Director.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. THURSDAY 16th MAY 1929. No. 136.

Observations at 1h. G.M.T. 16th / Observations at 7h. G.M.T. 16th

Stations	Height above M.S.L. in feet	1h Barom. at M.S.L. mb.	1h Change in 3 Hours	1h Wind Direc.	1h Wind Force 0-12	1h Weather	1h Temp. °F.	1h Humidity %	1h Visibility 0-9	1h Low Cloud Height Feet	1h Low Cloud Form	1h Low Cloud Amt. 0-10	1h Upper Form	1h Total Amt. 0-10	7h Barom. at M.S.L. mb.	7h Change in 3 Hours	7h Wind Direc.	7h Wind Force 0-12	7h Weather	7h Temp. °F.	7h Humidity %	7h Visibility 0-9	7h Low Cloud Height Feet	7h Low Cloud Form	7h Low Cloud Amt. 0-10	7h Upper Form	7h Total Amt. 0-10	Sea 0-9
Lerwick	54	1010.2	+4	N	3	cjp	47	92	7	1500	CuNb	8	ASt	9	1015.5	+5	N	2	c	48	92	6	1500	Cu	5	ACu	10	•
Stornoway	20	1015.7	+3	NW	1	bc	•	•	7	•	•	•	•	3	1018.9	+4	–	0	c	49	85	8	4000	StCu	10	–	10	0
Wick	81	1013.0	+5	NNW	3	c	47	92	8	2500	CuNb	7	ASt	10	1017.4	+5	WNW	2	c	48	97	7	2500	St	8	ASt	10	0
Tiree	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.7	+3	NNW	1	bc	49	85	8	–	–	0	ACu	3	1
Nairn	23	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.2	•	–	0	bc-	51	75	8	4000	Cu	3	–	3	•
Aberdeen	27	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.5		WNW	3	b	60	76	8	2500	Cu	2	–	2	0
Malin Head	51	1018.7	+2	W	2	c+	48	97	7	4000	Cu	8	–	8	1021.2	+2	S	2	bc-	50	85	8	4000	Cu	3	CiCu	6	1
Renfrew	26	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.8	+4	W	2	c	49	75	8	–	–	0	Ci	9	•
Edinburgh (Inchkeith)	190	1014.5	+6	WSW	3	bc	45	85	8	1500	St	1	ACu	3	1018.5	+6	WSW	3	bc	45	85	6	800	St	2	Ci	4	0
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.2	+5	W	2	bc	51	75	8	7200	StCu	1	Ci	5	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.4	+5	–	0	bc	44	85	8	–	–	0	Ci	4	•
Tynemouth	67	1015.0	+3	W	2	b-	46	85	8	–	–	0	ACu	2	1019.9	+5	WNW	2	bc+	48	85	7	1500	Cu	6	–	6	1
Blacksod Point	18	1018.9	+1	–	0	bc	49	92	7	•	Cu	4	–	4	1020.0	+1	S	3	c	51	92	8	•	–	0	ASt	10	2
Donaghadee	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.1	+3	W	1	bc+	49	85	8	4000	StCu	1	CiCu	3	1
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.6	•	E	1	c	46	85	6	4000	StCu	1	Ci	8	•
Holyhead	28	1018.1	+3	WN	3	b+	49	85	8	–	–	0	Ci	2	1021.2	+3	NWW	1	bc	50	85	6	2500	Cu	1	Ci	6	1
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.1	+3	WNW	3	cjp	50	85	6	2500	StCu	8	CiSt	9	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.3	+3	WNW	3	c	52	85	6	1500	St	7	Ci	8	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.4	+3	W	3	b	50	75	8	4000	Cu	1	Ci	1	•
Spurn Head	26	1014.6	+2	NNW	4	bc	48	97	6	2500	St	4	–	4	1019.4	+2	N'W	3	bc+	48	92	6	1500	St	3	ACu	6	2
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.5	+3	WNW	1	c	50	75	6	4000	StCu	9	–	9	•
Cranwell	236	1016.7	+4	W	3	b-	42	97	7	–	–	0	–	0	1020.5	+4	WNW	2	b	47	85	6	–	–	0	–	0	•
Gorleston	14	1016.6	+3	W	2	b	46	85	7	–	–	0	–	0	1016.4	+5	NW	3	b	47	92	6	–	–	0	–	0	0
Valentia (Cahirciveen)	30	1020.7	0	S	1	od+	53	97	7	•	St	10	–	10	1020.8	+1	SE'S	2	c	52	85	8	1500	StCu	10	–	10	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.1	+3	NW	2	bc	49	97	8	4000	StCu	7	–	7	0
Pembroke (St. Ann's H.)	150	1018.8	+2	NW	2	b-	49	85	8	–	–	0	–	0	1021.7	+3	NE	1	bc+	49	92	7	–	–	0	Ci	3	1
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.1	+2	–	0	b	50	75	8	–	–	0	Ci	1	•
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.7	+4	N	1	bc+	49	85	7	5700	StCu	6	–	6	•
Winchester (Worthy Down)	273	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.7	+2	WNW	3	b	49	85	7	–	–	0	–	0	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.9	+3	W	1	b	49	85	7	–	–	0	–	0	•
London (Kew Obsy.)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.2	+3	WN	1	b	50	75	5	–	–	0	–	0	•
Croydon	244	1018.0	+3	WSW	2	b-	48	85	6	–	–	0	–	0	1020.7	+3	NWW	2	b	60	76	6	–	–	0	–	0	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.1	+6	NW	3	b	51	85	6	–	–	0	–	0	1
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.2	+4	NNW	3	b	47	85	6	–	–	0	–	0	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.7	+6	NNW	3	b	51	75	6	–	–	0	–	0	•
Lympne	350	1017.3	+2	WNW	3	b	43	85	7	–	–	0	–	0	1019.9	+2	NNW	3	b	48	85	6	–	–	0	–	0	
Scilly (St. Mary's)	163	1020.5	+1	NWN	3	b	49	97	7	–	–	0	–	0	1022.0	+2	NWN	2	bc	50	97	7	4000	St	6	–	6	1
Falmouth (Pendennis)	206	1020.6	+2	NNW	2	b	48	97	7	–	–	0	–	0	1021.9	+2	–	0	bc	49	92	7	4000	Cu	1	Ci	3	0
Plymouth (Cattewater)	88	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.1	+2	–	0	b	48	85	6	–	–	0	Ci	1	0
Portland Bill	52	1018.4	+2	W	3	bc	50	85	9	1500	St	3	–	3	1020.7	+3	W	1	b	54	75	6	1600	StCu	1	–	1	1
Southampton (Calshot)	10	1018.7	+2	NW	2	b	45	92	7	–	–	0	–	0	1021.3	+3	N	2	b	49	85	6	–	–	0	–	0	0
Dungeness	20	1017.3	+4	W	1	b	44	92	7	–	–	0	–	0	1020.2	+2	NW	2	b	51	75	7	–	–	0	–	0	2
Guernsey (Fort George) F	225	1021.0	+1	W	3	b-	49	92	5	–	–	0	–	0	1022.0	+3	NNW	3	b	51	85	7	–	–	0	–	0	1

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 15th May

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 8h.-19h. 14th to 9h. 15th (4) °F	Temperature Max. 9h.-17h. 15th (5) °F	Rainfall Night 17h.-9h. 14th-15th (6) mm.	Rainfall Day 9h.-17h. 15th (7) mm.	Sunshine Sunrise to 17h. 15th (8) hr.	Sunshine Sunrise to Sunset 14th (9) hr.
Berwick-on-Tweed	ctlr	bc	43	57	0.3	Trace	8.5	2.3
Douglas (I. o. M.)	bccq	qc	45	56	4	–	5.4	2.1
Llandudno	cbc	bcb	48	62	2	Trace	6.3	9.0
Colwyn Bay	cpc	cb	48	59	1	–	4.8	7.6
Rhyl	bc	c	49	58	1	–	5.2	11.1
Wallasey	rpbc	bcb	48	55	1	Trace	4.0	4.4
Southport	rqbcb	bbcb	*48	56	1	0.3	5.4	4.6
Blackpool	opc	bcb	48	56	3	–	5.6	1.0
Ilkley	rc	bcb	45	59	6	0.3	4.7	4.0
Cleethorpes	cpc	cpo	45	58	–	3	2.6	7.3
Skegness	bcca	obrc	46	59	–	0.5	5.5	11.5
Aberystwyth	cbq	bcc	48	54	1	–	4.9	5.7
Bath	cbcp	cbcb	47	59	1	1	4.1	3.1
Cheltenham‡	cbc	bbcvc	47	62	1	–	4.0	4.0
Leamington Spa	cp	cp	44	59	0.6	0.2	5.5	5.1
Lowestoft	bccb	bc	47	61	0.6	0.5	6.6	7.9
Harwich & Dovercourt	bbc	pbc	46	63	2	0.3	7.8	5.3
Maldon	bcc	bc	41	62	3	–	5.8	8.0
Southend	ctlr	c	48	62	0.4	3	3.6	10.8

Stations (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	bcbcb	bbc	50	55	6	–	9.1	2.9
Penzance	b	b	51	59	6	–	9.9	9.7
Paignton	orpc	crpby	49	61	10	1	6.2	7.6
Torquay	ccr.	pbcby	49	62	14	0.2	7.5	7.1
Jersey	pcbc	bc	49	55	3	–	8.0	12.5
Weymouth	b	b	49	62	13	–	6.8	8.6
Bournemouth	dcbc	dcbb	48	61	5	2	4.5	9.3
Ventnor	rbc	bcpb	47	57	7	Trace	6.6	9.3
Portsmouth (Southsea)	bc	cb	47	61	3	–	5.0	10.2
Bognor	bc	bc	49	60	5	–	3.7	9.3
Littlehampton	bccp	bc	49	59	5	1	3.4	9.6
Worthing	cb	bccb	49	58	5	0.5	4.8	10.7
Brighton	cbcbc	bcbbc	49	57	6	2	5.8	9.1
Eastbourne	cbc	bcibb	49	58	10	Trace	6.6	12.4
Hastings	bccpb	oltrc	47	60	9	6	4.7	9.7
Folkestone	orr	ccrc	48	61	3	0.5	4.3	10.6
Dover	orbc	bccpbc	48	60	3	0.2	4.0	11.6
Tunbridge Wells	oc	cbc	46	62	0.3	–	3.9	8.6
Ramsgate	c	cbrc	48	60	0.2	2	3.5	10.0
Margate	cb	bc	47	60	–	Trace	4.0	9.5
Deal	oobc	bcbc	47	60	0.5	2	2.9	12.0

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* Information not usually received. F The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. £ 21h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24648 Friday 17th May 1929.

Observations at 13h. G.M.T. 16th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility† 0-9	Cloud. Low. Heights Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1020.8	+4	E	2	bc	52	75	7	1500	Cu	3	-	3	•
Stornoway	1022.4	+3	-	0	bc-	53	85	8	4000	Cu	1	Ci	3	•
Wick	1022.6	+5	NNW	2	c	53	85	7	1500	Cu Nb	6	ACu	10	•
Tiree	1023.4	+3	SW	2	b	55	75	9	4000	Cu Nb	2	-	2	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1022.4	+4	NW'N	3	c	55	65	8	2500	StCu	9	-	9	1
Malin Head	1023.0	+1	ENE	3	bc	52	85	8	4000	Cu	1	CiCu	3	•
Renfrew	1022.0	+2	W	1	bc-	62	45	8	4000	Cu	5	-	5	1
Edinburgh (Inchkeith)	1022.1	+4	WSW	1	c	57	65	8	2500	Cu	8	-	8	•
Leuchars	1022.0	+2	WNW	2	bc-	61	55	8	4000	StCu	7	-	7	0
Eskdalemuir	1021.6	+2	N'E	1	bc	59	45	8	4000	Cu	7	-	7	2
Tynemouth	1021.8	+3	NE	1	bc	51	75	7	2500	Cu	5	-	5	•
Blacknod Point	1021.5	+2	S	2	c	55	85	8	•	Cu	9	-	9	•
Donaghadee	1023.0	+1	E	1	b-	52	85	8	4000	Cu	1	-	1	•
Birr Castle	1022.1	*	NE	1	c	62	65	8	4000	StCu	8	-	8	•
Holyhead	1023.8	+2	NW	1	b	53	85	8	4000	Cu	1	-	1	0
Liverpool (Bidston)	1023.5	+2	WNW	4	b	54	75	8	-	-	0	CiSt	1	•
Chester (Sealand)	1022.5	+1	NW	4	bc-	57	65	8	2500	Cu	3	-	3	1
Harrogate	1021.5	+3	S	1	bc	60	55	8	4000	Cu	3	-	3	•
Spurn Head	1022.0	+2	E'S	3	bc	54	85	6	1500	St	4	ACu	5	•
Birmingham (Edgbaston)	1022.7	+1	WNW	3	c-	56	55	6	4000	StCu	8	-	8	1
Cranwell	1021.7	+1	NNW	2	bc	60	65	6	4000	Cu	6	-	6	0
Gorleston	1021.8	+4	NNE	3	b	55	85	6	-	-	0	Ci	2	•
Valentia (Cahirciveen)	1021.4	0	S'E	4	c	60	75	8	2500	StCu	8	-	8	0
Roches Point	1023.0	+2	SE	2	c	54	92	8	4000	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1024.4	+2	S	1	b-	56	75	8	4000	Cu	2	-	2	0
Ross-on-Wye	1022.5	+2	NW	2	bc-	61	55	8	4000	Cu	4	-	4	0
Leafield	1022.4	+3	NNW	2	bc	57	55	8	4000	Cu	6	-	6	0
Winchester (Worthy Dn.)	1021.8	+1	NNW	2	bc	61	55	8	4000	StCu	7	-	7	1
S. Farnborough	1022.0	+1	W'N	2	c	61	45	7	4000	StCu	9	-	9	0
London (Kew Obsy.)	1022.0	+2	NNW	2	c	60	45	8	4000	Cu	3	ACu	9	0
Croydon	1022.0	+2	NW	3	c	60	45	7	4000	StCu	9	-	9	0
Shoeburyness	1022.4	+2	NW	1	bc+	64	65	8	4000	Cu	2	ACu	3	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1021.5	+2	SE'E	2	bc	59	75	7	4000	Cu	5	-	5	1
Lympne	1022.0	+3	E'S	2	bc+	60	55	7	2500	Cu	7	-	7	0
Scilly (St. Mary's)	1023.5	+1	-	0	bc	53	92	7	4000	Cu	7	-	7	•
Falmouth (Pendennis)	1023.0	0	SSE	1	bc+	57	75	8	4000	Cu	5	-	5	•
Plymouth (Cattewater)	1022.9	0	SSW	3	bc	55	75	8	4000	Cu	5	-	5	1
Portland Bill	1022.0	+1	W	3	bc	53	85	8	2500	StCu	5	-	5	•
Southampton (Calshot)	1022.6	+3	WSW	3	bc+	62	65	7	2500	Cu	6	-	6	0
Dungeness	1022.1	+4	SW	2	bc+	55	75	7	2500	Cu	5	-	5	•
Guernsey (Fort George)	1023.7	+1	NE	2	b	54	85	7	2500	Cu	2	-	2	•

Observations at 18h. G.M.T. 16th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility† 0-9	Cloud. Low. Heights Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1023.4	+2	NE	2	bc	49	85	7	1500	Cu	3	ACu	5	•
Stornoway	1023.0	0	-	0	b-	55	65	9	-	-	0	CiSt	1	0
Wick	1024.3	+3	NNE	2	bc	48	97	7	2500	StCu	3	CiSt	5	0
Tiree	1023.0	0	SW	2	b	58	75	9	-	-	0	-	0	1
Nairn	1023.8	*	NE	2	b-	56	75	7	1500	St	2	-	2	•
Aberdeen	1024.3	+2	-	0	b-	50	92	8	4000	Cu	1	ACu	2	0
Malin Head	1022.3	-1	E	4	b	53	65	8	4000	Cu	1	ACu	1	1
Renfrew	1022.2	0	WSW	1	bc	61	55	8	4000	Cu	5	-	5	•
Edinburgh (Inchkeith)	1022.8	0	ENE	1	bc	56	65	8	4000	Cu	2	ACu	3	0
Leuchars	1023.9	+2	ESE	3	b	54	65	8	-	-	0	ACu	1	•
Eskdalemuir	1022.9	+1	SSW	2	bc	55	65	8	4000	Cu	6	-	6	•
Tynemouth	1023.3	+2	E	1	bc-	52	65	7	2500	Cu	3	-	3	0
Blacknod Point	1019.6	-1	-	0	c	58	65	8	•	StCu	8	-	8	1
Donaghadee	1022.8	0	S	1	b	53	75	8	-	-	0	-	0	1
Birr Castle	1020.7	*	SE	1	c	62	65	8	4000	StCu	9	-	9	•
Holyhead	1023.3	-1	NW	1	b	52	85	8	4000	Cu	1	-	1	0
Liverpool (Bidston)	1023.3	0	NNW	2	b	55	65	8	-	-	0	-	0	•
Chester (Sealand)	1022.8	0	NW	3	b	55	65	8	-	-	0	-	0	•
Harrogate	1022.8	+1	E'S	3	c	56	65	6	2500	StCu	8	-	8	•
Spurn Head	1022.9	0	E'S	3	bc	50	92	6	1500	St	4	CiCu	5	1
Birmingham (Edgbaston)	1022.3	0	NNW	3	b	59	55	6	4000	Cu	1	-	1	•
Cranwell	1022.3	+1	E'S	3	b-	59	75	7	4000	Cu	1	CiSt	2	•
Gorleston	1023.0	+2	NE'N	1	bc+	52	85	6	-	-	0	ACu	4	0
Valentia (Cahirciveen)	1020.8	-1	SE'S	4	c	55	85	8	1500	St	10	-	10	0
Roches Point	1022.5	-1	SE	2	b	55	92	8	2500	Cu	2	-	2	0
Pembroke (St. Ann's H.)	1022.8	-1	NW	1	b-	56	75	8	-	-	0	-	0	1
Ross-on-Wye	1021.6	0	ENE	2	b	64	45	8	4000	StCu	2	-	2	•
Leafield	1022.1	-1	N	2	bc	58	55	6	5700	Cu	3	-	3	•
Winchester (Worthy Dn.)	1021.8	0	N'W	2	bc	61	55	8	5700	StCu	3	-	3	•
S. Farnborough	1021.8	0	N	1	b-	62	55	7	4000	Cu	1	ACu	2	•
London (Kew Obsy.)	1022.5	-1	NNW	1	bc	62	55	8	-	-	0	ACu	4	•
Croydon	1021.9	-1	NW'N	1	c-	61	55	6	4000	StCu	8	-	8	•
Shoeburyness	1022.3	0	SE	3	bc	53	92	7	5700	Cu	1	ACu	3	•
Clacton-on-Sea	1022.6	+2	ENE	4	bc	53	75	7	5700	Cu	4	-	4	3
Felixstowe	1023.4	+1	NE	3	c	51	75	8	4000	StCu	9	-	9	1
Lympne	1021.9	0	-	0	b-	56	65	6	4000	StCu	2	-	2	•
Scilly (St. Mary's)	1022.7	-1	-	0	bc	53	85	7	4000	StCu	3	-	3	1
Falmouth (Pendennis)	1021.7	-1	-	0	b-	58	65	8	4000	Cu	2	-	2	0
Plymouth (Cattewater)	1022.6	-1	SSW	3	b	53	92	8	5700	Cu	1	-	1	0
Portland Bill	1022.0	-1	W	2	b	54	75	8	2500	St	1	-	1	1
Southampton (Calshot)	1022.6	0	W	3	bc+	56	75	8	4000	StCu	6	-	6	0
Dungeness	1022.3	+1	S	1	bc	51	92	7	4000	Cu	5	-	5	1
Guernsey (Fort George)	1023.0	-1	N'W	1	b	57	75	7	-	-	0	-	0	0

LONDON OBSERVATIONS.

Day: 7h-18h., Kew & Croydon. 9h-18h., Kensington. 9h-21h., other stations.

	Heights above M.S.L. in feet.	Weather. Morning. (24 hours ended 8h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility (To-day.)
Kew	18	by	y bcy	bm.w	63	45	32	-	-	8.4	*	*	5
Croydon	244	cy	cy bmw	cbm.w	62	41	37	-	Tr	8.2	*	*	5
Greenwich (Royal Obsy.)	149	bc	cbc	bzwsfc	66	41	27	-	Tr.	7.4	50	76	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	6.9	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	65	46	-	-	-	7.2	55	74	*
Regent's Pk. (Botanic Gdns.)	158	*	*	*	*	*	*	*	*	8.2	*	*	*
Camden Square	116	fc	cbc	*	64	44	-	-	-	*	*	76	*
Kensington Palace	80	bc	bc	*	64	44	38	-	-	*	(At 18h.) 52.	76	*
Hampstead Observatory	450	*	*	*	63	42	38	-	-	8.2	*	87	*

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 17th

South Kensington

Max.	Time.	Min.	Time.
1.0	7h 17th	<0.3	16th 16th

Kew Observatory

Max.	Time.	Min.	Time.
Defective record.			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 18h. 21m. 0s. to 0h. 2h. 45m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	5 45	5 43	89
δ Ursae Minoris	5 45	5 43	23

CODE FOR STATE OF GROUND.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 15h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

17th, 18th, 19th May, 1929.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.56	11.49	19.43
	3.55	11.49	19.45
Greenwich	48	11.56	19.45
	4.7	11.56	19.47
Wick	3.45	12.9	20.34
	3.43	12.9	20.36
Valentia	4.47	12.37	20.24
	4.46	12.37	20.30

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). { before (for precipitation).
⊕ = solar halo. ⊎ = lunar halo.

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

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

¶ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

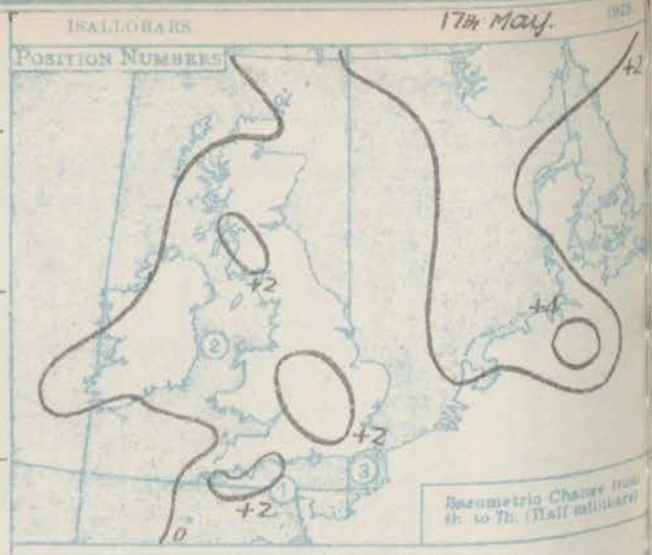
	Objects not visible at 55 yards.
0. Dense fog.	
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6½ "
7. Good.	13½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 miles.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 16th	WEATHER. 18h.-18h. 16th	WEATHER. 18h. 16th to 18h. 17th	WEATHER. 18h.-7h. 17th	TEMPERATURE. MAX. Day, 7h.-18h.	TEMPERATURE. MIN. Night, 18h.-7h.	TEMPERATURE. MIN. on Grass	RAINFALL† Day, 7h.-18h. mm.	RAINFALL† Day, 7h.-18h. began.	RAINFALL† Night, 18h.-7h. mm.	RAINFALL† Night, 18h.-7h. began.	SUN 16th Hours.
Lerwick	cbc	bc	cbcb	bbcc	53	43	•	-	-	-	-	11.0
Stornoway	c	b-bc	bbc	bbc	56	41	•	-	-	-	-	8.5
Wick	c	b-bc	bbc	o	55	45	•	-	-	-	-	•
Tiree	bc	bcb	b	bcb	((58))	45	38	-	-	-	-	12.6
Nairn	bccbc	cbcb	bwbc	bc	58	36	•	-	-	-	-	10.8
Aberdeen	bbcc	cb	bbccz₀	coz₀	56	42	33	-	-	-	-	3.1
Malin Head	bc	bcb	b	bbc	54	47	•	-	-	-	-	12.9
Renfrew	cbcy	bcy	bcyz₀	bccz₀	65	43	39	-	-	-	-	13.8
Edinburgh (Inchkeith)	bec	cbc	bcb	bbccow	59	44	38	-	-	Tr.	-	11.6
Leuchars	cybcy	bcybcb	bbc	bcc	61	41	36	-	-	-	-	10.3
Eskdalemuir	bcbcy	bcybc	bcb	b, cw	61	36	31	-	-	-	-	8.5
Tynemouth	bc	bc	bcbo	o	54	45	34	-	-	-	-	•
Blackwod Point ...	c	c	c	c	60	51	•	-	•	-	•	•
Donaghadee	bcb	b	b	b	56	43	•	-	-	-	-	•
Birr Castle	cb	cb	cb	c	65	43	33	-	-	-	-	9.7
Holyhead	bcm₀b	b	bw	bm₀wb	53	45	38	-	-	Tr.	-	14.1
Liverpool (Bidston) ...	m₀bcb	b	bbw	bbwm₀	56	47	41	-	-	-	-	12.4
Chester (Sealand) ...	bc	b	bcm₀	bcm	58	36	33	-	-	-	-	13.1
Harrogate	bbc	bcc	c	cw	61	40	32	-	-	-	-	9.7
Spurn Head	bc	bc	bcc	c	57	44	•	-	-	-	-	12.5
Birmingham (Edgbaston)	c	bcb	bbc	bcb	61	45	37	-	-	-	-	6.2
Cranwell	bc	bc	bc	bcc	63	37	33	-	-	-	-	12.1
Gorleston	bm₀	bbcm₀	bcbm₀w	bwbcc	57	43	39	-	-	Tr.	-	13.3
Valentia (Cahirciveen)	cbcc	bbcc	c	c	61	51	49	-	-	-	-	3.9
Roches Point	bcc	cbcb	bffoe	foec	58	48	•	-	-	Tr.	-	•
Pembroke (St. Ann's H.)	bc	b	b	b	58	44	•	-	-	-	-	14.2
Ross-on-Wye	bbcy	bcyby	bbcbw	bfwbm	65	40	33	-	-	-	-	12.0
Leafield	bc	bcz₀	bcb	bbcw	60	39	34	-	-	Tr.	-	11.5
Winchester (Worthy Dn.)	bbcy	bcy	bcyb	bm₀bmw	63	39	35	-	-	Tr.	-	10.8
S. Farnborough ...	bwcy	ycyb	ybbm	bbcmw	64	37	28	-	-	-	-	9.9
London (Kew Obsy.) ...	by	ybcy	bm₀w	bmwbzw	63	45	32	-	-	-	-	8.4
Croydon	cy	cy	cbmm₀w	bm₀wff	62	41	37	-	-	Tr.	-	8.2
Shoeburyness	bm₀bc	bcb	b	bcc	65	33	33	-	-	-	-	11.6
Clacton-on-Sea ...	bzbc	bc	bc	bcbc	62	42	38	-	-	-	-	10.9
Felixstowe	bybc	bcc	cbcb	bcwcm	62	39	30	-	-	-	-	11.6
Lympne	bz₀bcy	bcybcm	bm₀	bbcwm₀	61	41	32	-	-	Tr.	-	12.7
Scilly (St. Mary's) ...	bcnbc	bc	bcbif	bifb	55	45	•	-	-	-	-	9.9
Falmouth (Pendennis)	bc	bcb	bf	bofbc	61	43	•	-	-	-	-	14.2
Plymouth (Cattewater)	bm₀bc	bcqb	b	bwm₀	59	42	36	-	-	-	-	13.4
Portland Bill	bc	b	bc	cz₀	59	48	•	-	-	-	-	•
Southampton (Calshot)	bbc	bc	bw	bwm₀	68	44	34	-	-	-	-	11.2
Dungeness	bbc	bcbc	bcbbc	bcbcb	62	47	•	-	-	-	-	•
Guernsey	b	b	b	b	59	48	•	-	-	-	-	14.2



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	16th 18h	Cambria	WNW	2	c	50	48	8
1	" 12h	St. Helier	N	2	bc-	54	50	7

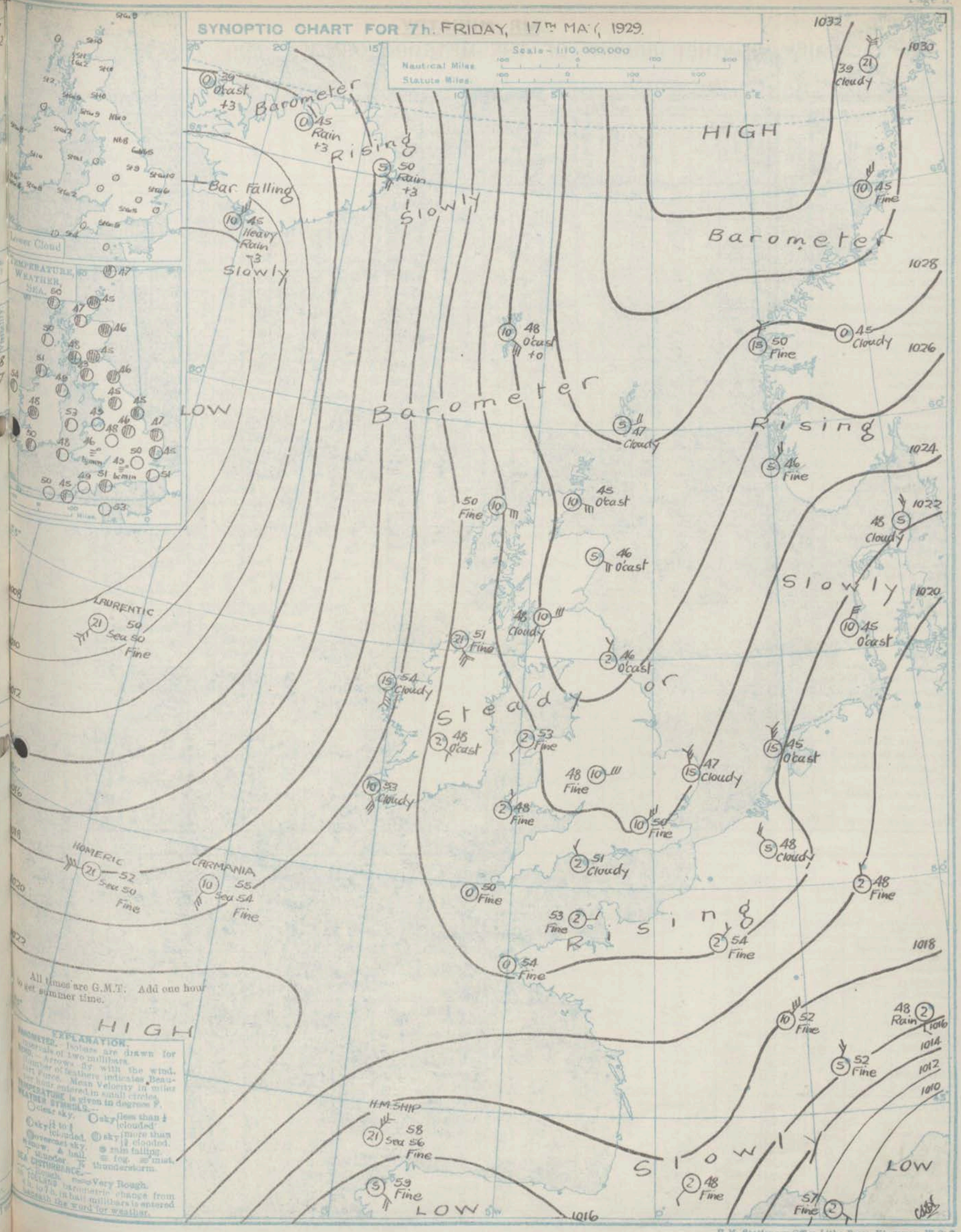
GENERAL INFERENCE.

A ridge of high pressure extending southwards over the British Isles will maintain quiet and mainly fair weather. Temperature will remain moderate in eastern coastal districts but will rise elsewhere.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Friday, 17th May, 1929.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light to moderate variable winds, mainly northeasterly to easterly; bright inland, cloudy periods with perhaps local drizzle in coastal districts; rather warm by day inland but ground frost locally at night.	Similar.
5. S.W. England 6. South Wales 7. North. Wales 8. N.W. England 9. N. Midlands	Light variable winds; mainly fair; local morning mist; warmer.	
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	As 1 - 4.	
13. A. W. Scotland B. N.W. Scotland 14. Mid Scotland	Moderate to fresh southeasterly to southerly winds; mainly fair; moderate temperature.	
15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	As 1 - 12.	
19. S.E. Ireland 20. S.W. Ireland	As 13A - 13B.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at [illegible] (for code see page). G. C. SIMPSON, F.R.S., Director.

† Trace = rain has fallen, but amount less than 0.1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Friday..17th..May.....1929. No.137....

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 17th. Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	54	1026.3	+3	-	0	b	45	92	8	1500	Cu	2	-	2	*
Stornoway	30	1023.7	0	-	0	b-	*	*	8	*	*	*	*	0	2
Wick	81	1026.5	+1	S	2	bc	46	97	7	2500	St	2	Cirs	5	0
Tiree	33	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	0
Malin Head	81	1022.1	0	SSE	4	b	51	75	8	-	-	0	Strs	1	3
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1025.1	+2	NE	2	b	45	97	7	1500	St	1	-	1	0
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1026.5	+2	ENE	1	0	46	85	7	1500	Nb	10	-	10	0
Blacksod Point ...	18	1019.0	0	S	4	c	54	85	7	*	Cu Nb	8	-	8	4
Donaghadee	46	*	*	*	*	*	*	*	*	*	*	*	*	*	1
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	23	1022.7	0	ESE	3	b	48	85	6	-	-	0	-	0	0
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Seacombe) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	39	1024.0	0	NE	3	c+	46	97	7	4000	Cu Nb	7	Cirs	9	1
Birmingham (Edgbaston)	505	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1024.7	+2	NNE	1	bc+	44	97	6	2500	Strs	6	-	6	0
Gorleston	14	1023.7	+1	NNW	1	b	45	85	6	-	-	0	-	0	0
Valentia (Cahirciveen)‡	30	1020.3	0	SE	3	c	51	97	7	-	Cu	10	-	10	1
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	0
Pembroke (St. Ann's H.)	160	1022.5	0	NE	1	b	48	75	8	-	-	0	-	0	1
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	512	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	-	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	257	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	50	*	*	*	*	*	*	*	*
Croydon	244	1023.3	+1	-	0	b	43	92	5	-	-	0	-	0	0
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1023.2	0	ENE	3	b	43	85	6	-	-	0	-	0	0
Scilly (St. Mary's) ...	163	1022.1	-1	-	0	b	48	97	7	-	-	0	-	0	0
Falmouth (Pendennis)	200	1022.2	0	-	0	Sb	49	97	3	-	-	0	-	0	0
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1
Portland Bill	32	1022.3	0	NW	1	c	51	75	8	2500	Strs	9	-	9	0
Southampton (Calshot)	10	1022.8	0	NE	1	b	45	97	7	-	-	0	-	0	1
Dungeness	20	1022.9	0	NE	1	bc	47	85	8	4000	Strs	5	-	5	0
Guernsey (Fort George) ‡	208	1023.6	0	-	0	b-	49	92	7	-	-	0	-	0	0

Stations.	Observations at 7h. G.M.T. 17th. Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1028.2	+2	E'N	2	c	47	75	8	1500	Strs	9	-	9	*
Stornoway	1023.2	0	ESE	3	bc	50	85	8	-	-	0	Cist	4	2
Wick	1026.6	0	ESE	3	c	45	97	7	1500	St	10	-	10	0
Tiree	1022.5	0	S	5	b-	50	85	8	2600	St	2	-	2	2
Nairn	1025.7	*	-	0	bc-	47	85	6	1500	Cu	3	-	3	*
Aberdeen	1027.4	+1	ESE	2	c	46	85	6	1500	St	10	-	10	0
Malin Head	1022.2	0	SSE	5	bc	51	75	8	-	-	0	Cirs	3	1
Renfrew	1026.0	+2	E	3	c-	48	85	6	1500	Strs	9	-	9	*
Edinburgh (Inchkeith)	1026.2	+1	E	1	c	45	85	8	800	St	10	-	10	0
Leuchars	1026.8	+1	ESE	2	c	46	85	7	1500	St	10	-	10	*
Eskdalemuir	1026.7	+2	NEN	3	c	43	85	7	1500	Strs	9	-	9	*
Tynemouth	1026.6	+1	NNE	1	c	46	75	7	1500	Nb	10	-	10	0
Blacksod Point ...	1018.9	0	S	4	c	54	75	8	*	Strs	8	-	8	4
Donaghadee	1023.5	+1	SE	2	bc+	49	85	7	4000	Strs	2	Strs	3	1
Birr Castle	1022.0	*	SE	1	c	48	85	7	2500	St	10	-	10	0
Holyhead	1023.4	+1	SWW	1	b	53	75	6	4000	Strs	1	-	1	*
Liverpool (Bidston) ...	1024.7	+1	ESE	3	b	49	85	5	-	-	0	-	0	*
Chester (Seacombe) ...	1024.2	+2	SES	2	mmb	44	92	4	-	-	0	-	0	*
Harrogate	1026.1	+1	N	3	c	45	86	6	2500	Nb	8	Ast	10	*
Spurn Head	1025.5	+1	NEE	4	c	45	92	7	4000	Cu Nb	5	Ast	10	1
Birmingham (Edgbaston)	1025.5	+2	E	3	b	48	75	5	-	-	0	-	0	*
Cranwell	1025.9	+2	NE	3	c+	46	85	7	800	St	9	-	9	0
Gorleston	1024.2	0	N	4	c	47	75	6	4000	Strs	10	-	10	0
Valentia (Cahirciveen)‡	1020.5	+1	SE	3	c	53	85	8	800	St	10	-	10	1
Roches Point	1022.7	0	SE	3	c	50	97	8	2500	Strs	9	-	9	0
Pembroke (St. Ann's H.)	1023.2	+1	NE	1	b+	48	85	7	4000	Strs	2	-	2	1
Ross-on-Wye	1024.2	+1	NW	1	mmb	46	85	4	-	-	0	-	0	*
Leafield	1024.0	+3	NEE	2	bc	48	75	7	5700	Cu	3	-	3	*
Winchester (Worthy Dn.)	1023.2	0	N	1	mmb	46	92	4	4000	Strs	1	-	1	*
S. Farnborough ...	1023.8	+2	ENE	2	mmbc	49	85	4	5700	Strs	5	-	5	*
London (Kew Obsy.) ...	1024.7	+2	ENE	3	b/m	50	65	5	-	-	0	-	0	*
Croydon	1024.3	+2	NE	2	mb	47	92	4	-	-	0	-	0	*
Shoeburyness	1024.9	+1	NNE	3	c	47	97	7	1500	St	10	-	10	2
Clacton-on-Sea ...	1024.3	+1	NNE	4	bc	45	92	7	4000	Strs	6	-	6	2
Felixstowe	1024.7	+1	NNE	3	bc	49	85	6	1500	Cu	6	-	6	*
Lympne	1023.6	+1	NE	3	b-	49	85	6	4000	Cu	1	Strs	1	*
Scilly (St. Mary's) ...	1022.2	0	-	0	b	50	97	6	-	-	0	-	0	0
Falmouth (Pendennis)	1023.3	+2	-	0	bc	45	97	6	1500	St	4	-	4	0
Plymouth (Cattewater)	1023.1	+1	-	0	b	49	85	6	-	-	0	-	0	0
Portland Bill	1022.4	+2	NNW	1	c	51	85	6	2500	Strs	9	-	9	1
Southampton (Calshot)	1023.6	+1	NE	2	b	49	85	5	-	-	0	-	0	0
Dungeness	1023.4	+1	NE	2	b-	51	75	8	-	-	0	Cist	1	1
Guernsey (Fort George) ‡	1023.2	+1	E	1	b	53	75	7	-	-	0	-	0	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR..16th..May.....

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-16th to 9h. 17th. °F.	Temperature. Max. 9h.-16th. °F.	Rainfall.† Night 17h.-9h. mm.	Rainfall.† Day 9h.-17h. mm.	Sunshine. Sunrise to 17h. hr.	Sunshine. Sunrise to Sunset. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	bc	bc	42	57	Trace	-	8.4	9.0
Douglas (I. o. M.) ...	b	b	45	59	-	-	11.0	6.0
Llandudno ...	b	b	48	56	-	-	11.0	8.6
Colwyn Bay ...	b	b	48	56	-	-	10.9	6.8
Rhyl	b	b	47	54	-	-	11.7	7.1
Wallasey	b	b	47	56	-	-	10.0	6.0
Southport	b	bbcb	*47	57	-	-	10.8	7.5
Blackpool	cbc	bcb	47	55	-	-	9.3	7.4
Ilkley	b	bbcc	40	64	-	-	7.9	6.1
Cleethorpes	b	b	43	57	3	-	10.5	2.7
Skegness	bcwb	b	42	56	Trace	-	11.2	5.8
Aberystwyth ...	bc	bbc	43	56	-	-	9.9	5.1
Bath	b	bbc	42	66	-	-	9.9	5.1
Cheltenham ...	bbc	bbcby	40	65	-	-	11.0	7.1
Leamington Spa ...	c	bcz	40	62	-	-	6.1	6.7
Lowestoft	b	bbcc	42	55	-	-	9.4	6.9
Harwich & Dovercourt	bz	bcz	44	65	-	-	10.7	8.7
Maldon	b	bbc	44	64	-	-	11.6	7.2
Southend	bybc	bcb	44	66	-	-	11.5	5.4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	wb	b	42	57	-	-	11.5	10.9
Penzance	b	b	45	62	-	-	11.0	11.5
Paignton	bz	bby	42	64	-	-	11.7	8.5
Torquay	b	by	48	64	-	-	12.1	9.5
Jersey	bc	b	46	63	-	-	11.5	10.0
Weymouth	b	b	44	63	-	-	11.9	8.4
Bournemouth ...	b	bcbc	46	66	-	-	9.5	6.0
Ventnor ...	bz	bz	46	59	-	-	11.0	8.3
Portsmouth (S'thsea)	b	b	44	65	-	-	11.3	6.8
Bognor	bbbc	bcbc	44	61	-	-	10.6	5.1
Littlehampton ...	bbc	bc	42	61	-	-	8.3	4.6
Worthing	bbc	bc	44	63	-	-	10.2	5.5
Brighton	bbc	bc	47	62	-	-	9.8	6.1
Eastbourne‖	bbc	bccbc	47	65	-	-	9.1	7.0
Hastings‖	bbbcc	cbcc	46	63	Trace	-	9.7	5.1
Folkestone	bbc	bbcb	48	63	Trace	-	11.6	5.0
Dover	b	by	48	62	0.5	-	11.9	4.8
Tunbridge Wells ...	bbc	bcc bc	42	64	-	-	7.3	4.4
Ramsgate	b	bbc	46	62	-	-	11.6	3.6
Margate	bbc	bc	49	61	-	-	11.5	5.0
Deal	b	b	45	63	-	-	11.8	2.5

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* Information not usually received. ‡ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‖ For code see page 1. † See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24647 Saturday 18th May 1929.

Observations at 18h. G.M.T. 17th

Stations. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1027·8	0	E'N	2	b	48	75	8	1500	Cu	2	-	2	•
Stornoway	1023·4	0	E	1	bc+	57	65	8	-	-	0	CiSt	7	•
Wick	1026·3	0	SSE	3	c	47	85	8	2500	St	8	ASt	10	•
Tiree	1022·9	0	S'W	5	bc	59	85	8	2500	StCu	2	Ci	3	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1027·4	0	SE	2	c	48	75	7	1500	StCu	9	-	9	1
Malin Head	1022·8	+1	NW	1	bc+	57	75	8	4000	StCu	5	ACu	7	•
Renfrew	1025·3	-1	ENE	3	c	54	75	6	5700	Cu	9	-	9	0
Edinburgh (Inchkeith)	1025·8	-1	ENE	3	bc	49	75	8	1500	St	4	ACu	5	•
Leuchars	1026·9	-1	E	2	c	46	85	7	1500	StCu	10	-	10	1
Eskdalemuir	1024·9	-2	NEN	3	bc	56	55	8	4000	Cu	1	Ci	3	2
Tynemouth	1026·9	0	NE	1	0	49	75	7	1500	St	10	-	10	•
Blacksod Point	1021·6	+2	S	2	bc	55	75	9	•	StCu	7	-	7	•
Donaghadee	1023·4	0	SE	3	b	52	75	7	-	-	0	-	0	•
Birr Castle	1022·3	•	S'E	1	c	58	75	8	2500	StCu	10	-	10	•
Holyhead	1023·3	-1	NNW	1	b	56	75	7	4000	Cu	1	-	1	0
Liverpool (Bidston)	1023·4	-1	E'S	4	b	61	65	6	-	-	0	-	0	•
Chester (Bealand)	1023·4	-1	SE'S	3	b	61	65	6	-	-	0	-	0	1
Harrogate	1026·0	0	SE	2	c	50	75	8	4000	Nb	7	ASt	9	•
Spurn Head	1025·7	0	ENE	2	c	49	85	7	4000	StCu	10	-	10	•
Birmingham (Edgbaston)	1024·5	-1	ENE	3	b	56	65	6	4000	Cu	1	-	1	1
Cranwell	1025·8	-1	NEN	3	c	51	75	7	1500	StCu	9	-	9	0
Gorleston	1024·5	0	N'E	4	c	50	75	6	2500	Nb	10	-	10	•
Valentia (Cahirciveen)	1022·1	+1	S'E	4	c	55	85	8	800	St	10	-	10	5
Roches Point	1023·7	+1	SE	2	c	51	92	8	2500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1023·2	0	SE	1	b-	57	75	7	4000	Cu	1	-	1	•
Ross-on-Wye	1022·9	-1	ENE	2	bc	62	55	6	4000	Cu	3	-	3	0
Leafield	1023·3	-1	NE	3	bc	58	65	7	4000	Cu	3	-	3	0
Winchester (Worthy Dn.)	1022·4	-2	NNE	2	bc	63	45	7	4000	StCu	5	-	5	0
S. Farnborough	1023·1	-1	NE	3	bc	63	55	6	2500	Cu	4	-	4	0
London (Kew Obsy.)	1023·8	-2	NE	3	bc	58	55	7	4000	Cu	4	-	4	0
Croydon	1023·4	-2	NE'N	2	bc	58	55	6	2500	Cu	7	-	7	0
Shoeburyness	1024·6	0	E	3	c	51	92	8	1600	StCu	7	ACu	8	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1024·7	-1	ENE	4	c	49	75	7	2500	StCu	9	-	9	0
Lympne	1023·6	-1	NNE	4	bc-	51	65	8	2500	Cu	7	-	7	0
Scilly (St. Mary's)	1022·6	0	ESE	2	b	58	75	7	-	-	0	-	0	•
Falmouth (Pendennis)	1022·8	0	SE	1	b	58	75	7	4000	Cu	1	-	1	•
Plymouth (Cattewater)	1022·9	-1	WSW	2	b	57	75	7	5700	Cu	1	-	1	1
Portland Bill	1022·9	0	E	2	c	53	85	6	1500	StCu	4	CiSt	10	•
Southampton (Oakshot)	1023·2	-2	SE'S	3	b	59	75	8	5700	Cu	1	-	1	0
Dungeness	1023·9	+1	ENE	3	c	52	75	8	4000	Cu	8	-	8	•
Guernsey (Fort George)	1022·8	-1	NE	2	b	55	75	8	-	-	0	-	0	•

Observations at 18h. G.M.T. 17th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground. 0-9
Lerwick	1027·7	-1	E'N	1	b	48	75	8	1500	Cu	2	-	2	•
Stornoway	1023·4	0	-	0	c+	58	65	8	7200	StCu	7	CiSt	9	0
Wick	1025·7	+1	SE	2	bc	47	92	8	2500	St	3	-	3	1
Tiree	1022·9	0	WSW	2	bc-	56	85	8	2500	StCu	4	ACu	6	1
Nairn	1022·9	•	NNE	1	bc-	55	75	8	2500	Cu	1	CiCu	4	•
Aberdeen	1026·9	0	SSE	2	b	44	85	7	-	-	0	-	0	0
Malin Head	1022·8	0	NE	1	c	55	75	8	5700	StCu	9	-	9	0
Renfrew	1024·7	0	E	3	bc-	54	65	6	5700	Cu	4	-	4	•
Edinburgh (Inchkeith)	1025·4	0	NE	4	bc	48	85	8	2500	St	2	CiCu	3	2
Leuchars	1026·8	0	E	2	c	46	85	8	1500	StCu	10	-	10	•
Eskdalemuir	1024·6	+1	NE	4	b	55	65	8	-	-	0	Ci	2	•
Tynemouth	1026·9	0	E	1	0	46	75	6	4000	Nb	10	-	10	0
Blacksod Point	1021·6	0	-	0	bc	55	75	9	•	Cu	7	-	7	1
Donaghadee	1023·2	0	SSE	2	b	52	85	6	-	-	0	-	0	1
Birr Castle	1021·8	•	S	1	c	61	65	8	4000	StCu	8	-	8	•
Holyhead	1023·0	0	NNW	1	bc+	54	75	6	-	-	0	Ci	5	1
Liverpool (Bidston)	1023·3	0	ESE	3	bc	59	65	5	-	-	0	CiSt	6	•
Chester (Bealand)	1023·1	+1	SE	3	b	58	75	6	5700	StCu	2	-	2	•
Harrogate	1024·8	0	SE	2	[illegible]	52	65	7	4000	StCu	10	-	10	•
Spurn Head	1025·7	0	E	2	c	46	92	7	2500	St	6	ASt	10	0
Birmingham (Edgbaston)	1024·3	0	ENE	3	b	56	65	7	-	-	0	-	0	•
Cranwell	1025·8	0	ENE	3	c	49	85	7	1500	StCu	10	-	10	•
Gorleston	1024·5	0	NNE	3	c	46	85	6	4000	StCu	10	-	10	0
Valentia (Cahirciveen)	1022·0	-1	S'E	2	c	54	85	8	800	St	10	-	10	0
Roches Point	1023·0	-1	SE	2	bc	52	92	8	2500	StCu	2	CiCu	3	0
Pembroke (St. Ann's H.)	1022·4	-1	N	1	b-	57	65	7	-	-	0	-	0	0
Ross-on-Wye	1022·6	-1	E'N	3	b-	58	65	7	-	-	0	Ci	1	•
Leafield	1023·2	0	NE	3	b-	54	65	7	-	-	0	ASt	1	•
Winchester (Worthy Dn.)	1022·3	0	S	2	bc	57	65	7	2500	Cu	6	-	6	•
S. Farnborough	1022·8	+1	NNE	3	b	58	55	7	4000	Cu	1	-	1	•
London (Kew Obsy.)	1023·6	0	ENE	3	b-	58	55	7	4000	StCu	1	-	1	•
Croydon	1023·0	0	ENE	3	bc+	56	65	6	4000	StCu	5	-	5	•
Shoeburyness	1024·6	0	ENE	3	c	49	97	7	1500	StCu	10	-	10	•
Clacton-on-Sea	1024·4	0	NE	4	c	49	85	7	4000	StCu	8	-	8	4
Felixstowe	1024·4	0	NNE	3	c	47	85	6	2500	StCu	10	-	10	1
Lympne	1023·4	+1	NNE	4	bc-	48	75	7	1500	Cu	5	-	5	•
Scilly (St. Mary's)	1022·2	0	-	0	b	55	85	7	-	-	0	-	0	0
Falmouth (Pendennis)	1021·6	-1	NNE	1	b	58	75	8	-	-	0	-	0	0
Plymouth (Cattewater)	1022·2	0	SW	1	b	58	65	7	4000	Cu	1	-	1	0
Portland Bill	1022·3	0	ENE	2	c	51	92	6	1500	StCu	4	ASt	10	1
Southampton (Oakshot)	1023·4	+1	SE	4	b	53	85	7	-	-	0	-	0	0
Dungeness	1023·5	+1	ENE	3	c	49	85	8	2500	StCu	9	-	9	2
Guernsey (Fort George)	1022·0	-1	NE	1	b	55	75	7	-	-	0	-	0	0

London Observations.

Day 7h.-18h., Kew & Croydon. 9h.-18h., Kensington. 9h.-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (To-day.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility.‡
Kew	18	bc,by	by	bycm.	59	46	45	-	-	12·9	*	*	6
Croydon	244	bcz0	bczN	cm	60	45	44	-	-	12·0	*	*	5
Greenwich (Royal Obsy.)	146	c	c	c	62	44	44	-	-	10·7	50	86	5
City (Bunhill Row)	36	*	*	*	*	*	*	*	*	10·5	*	*	*
Westminster (St. James' Pk.)	37	*	*	*						11·5			*
Regent's Pk. (Botanic Gdns.)	189	*	*	*	*	*	*	*	*	10·5	*	*	*
Camden Square	110	c	c	*	62	45	-	-	-	*	88		*
Kensington Palace	50	bc	bc	*	61	45	45	-	-	*	(At 18h.) 63 86		*
Hampstead Observatory	450	*	*	*	58	43	40	-	-	13·2	*	87	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 18th

South Kensington

Max.	Time	Min.	Time

Kew Observatory

Max.	Time.	Min.	Time.
0·2	17h 8h	<0·1	17h 21h

Pole Star Record at Greenwich Obsy.

Exposure from 17th 21h 0m. to 18th 2h 45m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	5 45	nil	nil
δ Ursae Minoris	5 45	nil	nil

Code for State of Ground.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 18h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

18th & 19th May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.55	11.49	19.45
	3.53	11.49	19.46
Greenwich	4.7	11.56	19.47
	4.5	11.56	19.48
Wick	3.43	12.9	20.36
	3.41	12.9	20.38
Valentia	4.46	12.37	20.30
	4.44	12.37	20.31

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r0 = slight rain.
rr = continuous rain.

Symbols.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ☽ = lunar halo.

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

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

Sea Disturbance.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

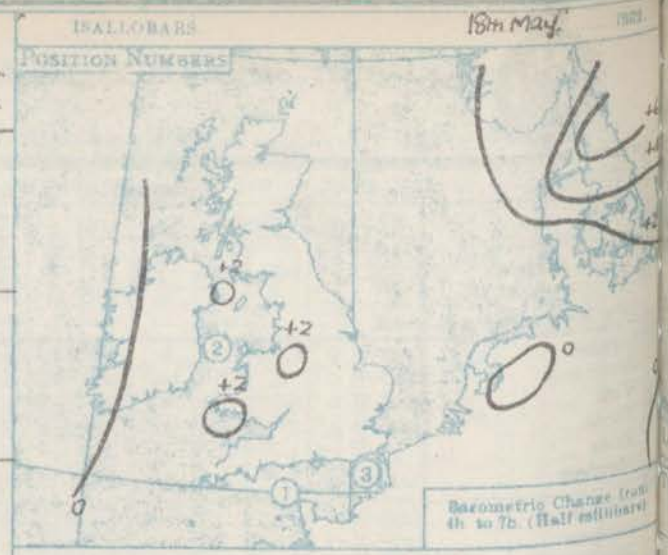
‡ Telegraphic Code for Surface Visibility.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2¾ "
6. Moderate.	6½ "
7. Good.	13½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. † The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-12h. 17th	12h.-18h. 17th	18h.17th. to 1h.18th	1h.-7h. 18th	Temperature. Max. Day. 7h.-18h.	Min. Night 18h.-7h.	Min. on Grass	Rainfall.† Day, 7h.-18h. mm.	began.	Night, 18h.-7h. mm.	began.	Sun 17th Hours.
Lerwick	cbcb	b	cbc	bcc	49	41	•	-	-	-	-	10.2
Stornoway	b-bc	c	bbc	bbc	60	40	•	-	-	-	-	11.8
Wick	c	c	c	0mm	47	42	•	-	-	-	-	•
Tiree	bc	bc	c	cbc	60	45	42	-	-	-	-	11.5
Nairn	bcb	bbc	bcw	bc	65	36	•	-	-	-	-	12.0
Aberdeen	oz_0c	cb	bbz_0	$bbccoz_0$	50	41	34	-	-	-	-	6.6
Malin Head	bc	bcc	cr_0c	cz_0z_0	60	49	•	-	-	0.1	<21.00	7.6
Renfrew	cz_0	$cbcz_0$	$bccz_0$	coz	57	42	40	-	-	-	-	10.0
Edinburgh (Inchkeith)	ocbc	b-bc	bcco	o	51	40	37	-	-	-	-	5.7
Leuchars	c	c	c	c	48	42	42	-	-	-	-	0.0
Eskdalemuir	cw bc	bcyb	b	bcm_0w	59	37	38	-	-	-	-	11.0
Tynemouth	o	o	o	o	49	43	42	-	-	-	-	•
Blacksod Point ...	po bc	bc	c	p_0c	57	49	•	Tr	•	Tr.	•	•
Donaghadee	bcb	bz_0	$bbcm_0$	bcm_0	54	47	•	-	-	-	-	•
Birr Castle	c	cbc	cbw	bw	61	43	33	-	-	-	-	3.5
Holyhead	bz_0b	b	bcz_0w	bcwc	58	48	43	-	-	Tr.	-	13.7
Liverpool (Bidston) ...	bbzy	bccyz	$bcbm_0$	bom_0	63	43	40	-	-	-	-	9.2
Chester (Sealand) ...	bmz_0	bz_0	$bbcm_0$	cm_0	63	37	34	-	-	-	-	10.4
Harrogate	c	cbcb	bbcc	c	53	42	41	-	-	-	-	4.8
Spurn Head	c	c	c	c	50	42	•	-	-	-	-	0.0
Birmingham (Edgbaston)	bc	b	b	bo	58	42	40	-	-	-	-	12.0
Cranwell	c	c	com_0	$0m_0$	53	41	41	-	-	-	-	1.9
Gorleston	c	c	c	c	50	42	42	-	-	-	-	0.0
Valentia (Cahirciveen)	cid_0c	c	cidc	cwc	56	49	45	Tr	11.00	Tr	<21.00	0.1
Roches Point	c	cbc	bcbwcw	cffoe	54	45	•	-	-	Tr.	-	•
Pembroke (St. Ann's H.)	bm_0	bbc	bbc	bc	58	47	•	-	-	-	-	12.4
Ross-on-Wye	bz	bcycybz	bbw	bcco	62	40	30	-	-	-	-	8.4
Leafield	bc	bcb	b,c	co	59	41	37	-	-	-	-	12.4
Winchester (Worthy Dn.)	bmbczcbc	bcy	bcbbcc	cbccw	63	39	34	-	-	-	-	9.1
S. Farnborough ...	bz_0y	$bcbz_0y$	bywc	co	63	43	29	-	-	-	-	12.6
London (Kew Obsy.) ...	bz_0by	by	byc	cm_0	59	46	45	-	-	-	-	12.9
Croydon	bcz_0	bcz_0y	cm_0	com_0	60	45	44	-	-	-	-	12.0
Shoeburyness	c	cbcc	c	c	55	43	43	-	-	-	-	4.7
Clacton-on-Sea ...	bcc	c	c	co	52	43	44	-	-	-	-	4.1
Felixstowe	c	c	cz_0	cz_0m_0	58	42	43	-	-	-	-	2.2
Lympne	bccbc	bc	om_0	om_0	52	42	41	-	-	-	-	8.4
Scilly (St. Mary's) ...	b	b	b	b	60	49	•	-	-	-	-	13.5
Falmouth (Pendennis)	bcb	b	b	bbcc	60	49	•	-	-	-	-	13.6
Plymouth (Cattewater)	bm_0bc	b	bbc	$bcwcm_0$	61	47	43	-	-	-	-	13.2
Portland Bill	cz_0	cz_0	$bbcz_0$	bcc	55	46	•	-	-	-	-	•
Southampton (Calshot)	bm_0b	bbcb	bbc	$bccm_0$	60	45	41	-	-	-	-	12.1
Dungeness	bcc	c	c	co	53	44	•	-	-	-	-	•
Guernsey	b	b-bc	b	bbccq	59	45	•	-	-	-	-	13.9



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	17th 10h	Cambria	S	2	c	52	49	8
3	18th 1h	Dieppe	ENE	5	c	48	47	7

GENERAL INFERENCE.

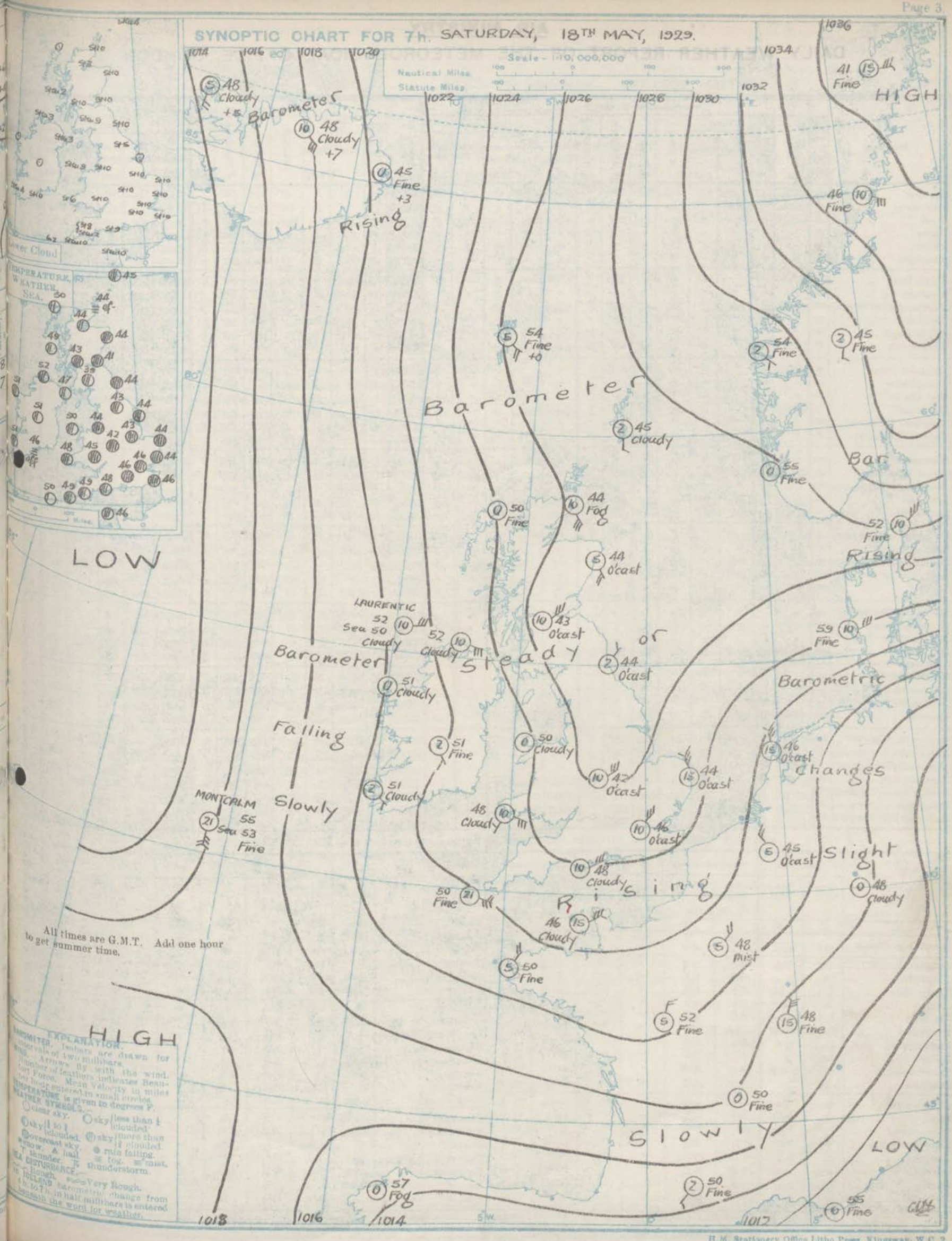
A ridge of high pressure extending southeastwards across the British Isles will maintain quiet and fair weather. It will continue cool on the east coast of England but elsewhere it will become somewhat warmer.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 18th May, 1929.	Farther Outlook.
1. S.E. England 2. E. England	Northeasterly to easterly then variable winds; light to moderate; cloudy at first, bright periods later; some local morning mist; rather cool then temperature rising.	No important change.
3. E. Midlands 4. W. Midlands	Moderate easterly winds; bright; rather warm.	
5. S.W. England 6. South Wales 7. North Wales	Southeasterly winds, fresh locally; fair; some morning mist; moderate temperature to rather warm.	
8. N.W. England 9. N. Midlands	Variable to southerly winds, light to moderate; bright periods; some morning mist; moderate temperature to rather warm.	
10. N.E. England 11. S.E. Scotland	Variable to southerly winds, light to moderate; cloudy and bright periods; temperature rising.	
12. S.W. Scotland & Isle of Man 13. A. W. Scotland B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Variable to southerly winds, light to moderate; fair; temperature rising.	
~~17. N.W. Ireland~~ 18. N.E. Ireland	As 8 - 9.	
19. S.E. Ireland 20. S.W. Ireland	As 5 - 7.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0915 G.M.T. G. C. Simpson, F.R.S., Director.

† Trace = rain has fallen, but amount less than 0.1 mm.

† For code see page 1.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Saturday..18th..May.....1929. No.138....

Observations at 1h. G.M.T.....18th.....

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1028.2	0	-	0	bc	43	92	8	1500	Stcu	3	-	3
Stornoway	30	1024.0	0	NW	1	b-	*	*	8	*	*	*	*	0
Wick	81	1026.2	0	ESE	3	c	45	92	8	1500	St	6	Ast	8
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	81	1023.0	-1	-	0	c	51	85	7	5700	Stcu	9	-	9
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	100	1026.6	+1	NE	2	0	43	92	7	1500	St	10	-	10
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1026.8	0	-	0	0	44	85	6	1500	Nb	10	-	10
Blacksod Point ...	48	1019.9	0	-	0	c	51	92	7	*	-	0	Ast	9
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	30	1022.5	0	-	0	bc	52	85	5	4000	Stcu	4	-	4
Liverpool (Bidston)...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1025.6	0	NE	2	c	43	97	7	-	-	0	Ast	10
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1026.1	0	NEN	2	0	42	97	6	1500	St	10	-	10
Gorleston	14	1024.8	0	NE	4	c	45	85	7	4000	Stcu	10	-	10
Valentia (Cahirciveen)¶	30	1021.3	0	S	1	c	51	97	8	-	Stcu	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	160	1022.0	0	NE	1	bc+	51	75	8	-	-	0	Ci	3
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.).	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	18	*	*	*	*	*	48	*	*	*	*	*	*	*
Croydon	244	1024.6	0	ENE	3	C+	46	76	6	2600	Stcu	10	-	10
Shoeburyness... ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1023.9	-1	NEN	4	0	43	92	6	1500	St	10	-	10
Scilly (St. Mary's) ...	162	1022.2	0	EN	3	b	50	92	8	-	-	0	-	0
Falmouth (Pendennis)	300	1022.0	0	-	0	b	50	85	8	-	-	0	-	0
Plymouth (Cattewater)	62	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1022.8	+1	E	3	b	48	92	6	1500	Stcu	1	-	1
Southampton (Calshot)	10	1023.8	0	E	2	bc-	46	92	7	1500	Cu	4	-	4
Dungeness	20	1023.8	-1	NE	3	c	46	92	7	1500	Stcu	10	-	10
Guernsey (Fort George) ¶	295	1023.2	0	ENE	3	b-	47	92	7	-	-	0	-	0

Observations at 7h. G.M.T.....18th.....

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-6
Lerwick	1027.6	0	S	1	c	45	92	7	1500	Stcu	4	Ast	10	*
Stornoway	1023.8	0	-	0	bc	50	75	8	-	-	0	Acu	4	0
Wick	1026.3	0	SSE	3	800	44	97	6	1500	St	10	-	10	1
Tiree	1023.2	0	SE	4	bc	49	85	8	4000	Stcu	2	Ci	4	2
Nairn	1025.9	*	-	0	bc+	44	85	6	1500	St	3	Ast	6	*
Aberdeen	1027.4	+1	SSE	2	0	44	92	6	1500	St	10	-	10	0
Malin Head	1023.0	0	ESE	3	c	52	85	6	5700	Stcu	3	Acu	9	0
Renfrew	1026.5	0	ENE	3	0	43	85	6	1500	St	10	-	10	*
Edinburgh (Inchkeith)	1026.3	0	E	1	0	41	85	7	800	St	10	-	10	0
Leuchars	1027.2	+1	ESE	1	c	43	92	7	800	St	10	-	10	*
Eskdalemuir	1027.0	+1	NNE	3	c	39	92	6	450	Stcu	9	-	9	*
Tynemouth	1026.8	0	NE	1	0	44	85	7	1600	St	10	-	10	0
Blacksod Point ...	1020.0	-1	-	0	c	51	92	7	*	-	0	Ast	10	2
Donaghadee	1023.7	+2	SE	3	bc	47	85	5	4000	Stcu	3	Cicu	5	2
Birr Castle	1024.3	*	SSE	1	bc	51	75	8	-	-	0	Acu	3	*
Holyhead	1023.0	+1	-	0	c	50	85	6	5700	Stcu	9	-	9	*
Liverpool (Bidston)...	1025.6	0	SEE	4	0	44	85	6	2500	St	10	-	10	*
Chester (Sealand) ...	1026.0	+2	SSE	4	0	44	85	6	800	Nb	10	-	10	*
Harrogate	1026.5	0	NNW	2	c	43	85	7	2500	St	5	Ast	10	*
Spurn Head	1025.3	0	NE	3	c	44	97	7	-	-	0	Ast	10	*
Birmingham (Edgbaston)	1026.0	0	ENE	3	0	42	92	6	1500	St	10	-	10	*
Cranwell	1026.2	0	N	3	0	43	92	6	450	St	10	-	10	*
Gorleston	1024.5	0	NW	4	0	44	92	6	2500	St	10	-	10	0
Valentia (Cahirciveen)¶	1020.2	-1	SE	1	c	51	85	8	2600	Stcu	4	Cicu	9	1
Roches Point	1022.4	0	SE	2	ff0	46	97	3	450	St	10	-	10	0
Pembroke (St. Ann's H.)	1023.2	+2	ESE	3	C+	48	92	7	450	St	6	Ast	10	1
Ross-on-Wye	1025.0	0	E	2	0	45	85	6	1500	St	10	-	10	*
Leafield	1024.6	0	ENE	2	0	43	92	8	2600	St	10	-	10	*
Winchester (Worthy Dn.).	1024.0	0	NE	2	c	45	85	7	1500	St	10	-	10	*
S. Farnborough ...	1024.3	0	NNE	2	0	46	85	6	1500	St	10	-	10	*
London (Kew Obsy.)...	1025.0	+1	NE	3	c	46	85	6	4000	St	10	Ast	10	*
Croydon	1024.6	0	NNE	2	0	45	85	5	800	St	10	-	10	*
Shoeburyness... ...	1026.0	0	NW	3	c	45	92	7	1500	St	9	-	9	*
Clacton-on-Sea ...	1024.5	0	NNE	3	0	44	92	7	4000	St	10	-	10	1
Felixstowe	1024.7	0	NNW	3	0	43	92	6	800	St	10	-	10	1
Lympne	1024.0	+1	NNE	4	0	44	92	6	800	St	10	-	10	*
Scilly (St. Mary's) ...	1021.3	0	ESE	5	b	50	92	6	4000	Cu	2	-	2	1
Falmouth (Pendennis)	1022.7	+1	SE	3	c	49	85	7	4000	Stcu	10	-	10	1
Plymouth (Cattewater)	1023.4	+1	ESE	4	c	49	85	6	1500	St	10	-	10	0
Portland Bill	1023.6	+1	ENE	3	c	48	75	6	1500	St	9	Ast	10	2
Southampton (Calshot)	1024.5	+1	ESE	3	c	47	85	6	1500	St	10	-	10	0
Dungeness	1024.2	+1	NE	2	0	46	92	7	1500	St	10	-	10	3
Guernsey (Fort George) ¶	1024.0	+1	ENE	4	C+	46	85	7	2500	Stcu	10	-	10	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR..17th..May.....

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-16th to 9h.-17th. °F.	Temperature. Max. 9h.-17th. °F.	Rainfall.† Night 17h.-9h. mm.	Rainfall.† Day 9h.-17h. mm.	Sunshine. Sunrise to 17h. hr.	Sunshine. Sunrise to Sunset. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	oc	bcc	42	49	-	-	1.1	10.6
Douglas (I. o. M.) ...	bz	bz	46	57	-	-	11.3	13.8
Llandudno ...	bbc	bcc	44	63	-	-	9.0	13.2
Colwyn Bay ...	b	bbc	43	64	-	-	10.3	13.5
Rhyl...	b	o	39	66	-	-	6.0	13.8
Wallasey	bz	bzbcc	45	62	-	-	9.0	12.3
Southport	bbcz	czo	*45	62	-	-	8.5	13.0
Blackpool	bcc	co	46	59	-	-	6.1	10.9
Ilkley	bc	b	37	55	-	-	5.1	7.9
Cleethorpes... ...	o	oco	41	54	-	-	0.1	12.0
Skegness	bcco	o	39	49	-	-	0.0	12.9
Aberystwyth ...	bc	bc	46	60	-	-	9.4	12.3
Bath	b	bcb	39	65	-	-	10.1	11.8
Cheltenham‖ ...	byz	by	41	64	-	-	9.8	11.1
Leamington Spa ...	bc	bc	42	59	-	-	11.4	7.1
Lowestoft	c	cs	43	48	-	-	0.0	11.1
Harwich & Dovercourt	oc	oc	40	52	-	-	0.0	11.2
Maldon	cbc	co	39	55	-	-	3.0	12.6
Southend	c	c	43	55	-	-	6.4	12.8
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	wb	bbc	41	60	-	-	11.2	13.8
Penzance	b	b	44	62	-	-	11.4	13.1
Paignton	bz	b	43	60	-	-	11.3	13.9
Torquay	b	bz	47	64	-	-	11.7	14.2
Jersey	b	b	45	66	-	-	12.0	13.3
Weymouth	cb	bz	46	60	-	-	8.0	14.0
Bournemouth ...	b	bbc	43	61	-	-	10.0	9.8
Ventnor ...	bz	bz	51	56	-	-	10.8	10.8
Portsmouth (S'thsea)	b	b	46	60	-	-	11.0	12.2
Bognor	b	b	44	57	-	-	11.1	11.4
Littlehampton ...	bbc	bcb	43	59	-	-	10.4	9.9
Worthing	b	b	44	66	-	-	10.7	11.5
Brighton	b	bbc	45	58	-	-	10.5	11.6
Eastbourne‖... ...	bbc	bcb	44	55	-	-	11.3	10.6
Hastings‖	bcbbc	bccbc	45	57	-	-	11.1	10.7
Folkestone	wbcc	cbc	43	54	-	-	5.5	13.2
Dover	c	cbc	44	53	-	-	5.4	13.5
Tunbridge Wells ...	b	b	41	60	-	-	11.1	7.6
Ramsgate	cbc	bc	45	56	-	-	6.5	12.3
Margate	cbc	bcc	45	50	-	-	6.3	12.5
Deal	cobc	bcc	39	55	-	-	5.8	12.9

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ¶ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‖ 12h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24650 Sunday 19th May 1929. Page 1.

Observations at 13h. G.M.T. 18th

Stations (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1027.9	0	S	1	c	52	75	7	1500	StCu	5	ASt	10	•
Stornoway	1023.6	0	SE	1	bc	59	65	8	-	-	0	ASt	5	•
Wick	1026.3	0	SSE	3	c	48	92	7	1500	St	8	-	8	•
Tiree	1022.8	0	S	4	b-	55	75	8	-	-	0	-	0	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1026.9	-1	ESE	2	c	49	85	7	5700	StCu	1	ACu	8	0
Malin Head	1022.9	0	ES	4	c	54	75	5	5700	StCu	1	CiCu	8	•
Renfrew	1024.5	-3	ENE	3	b	57	65	6	-	-	0	-	0	0
Edinburgh (Inchkeith)	1025.7	-1	ENE	3	b	50	85	8	4000	Cu	2	-	2	•
Leuchars	1026.3	-2	E	2	bc	48	92	7	800	StCu	6	-	6	1
Eskdalemuir	1023.4	-3	E	2	b	61	35	8	4000	Cu	2	-	2	1
Tynemouth	1026.4	0	NNE	1	o	48	85	7	1500	St	10	-	10	•
Blacksod Point	1019.6	0	-	0	bc	57	75	8	•	Cu	7	-	7	•
Donaghadee	1023.7	0	SE	1	b	52	75	5	-	-	0	-	0	•
Birr Castle	1020.8	•	SSE	1	c	62	65	7	-	-	0	CiSt	10	•
Holyhead	1023.3	0	NWN	1	b	56	65	6	7200	StCu	1	-	1	0
Liverpool (Bidston)	1023.5	-2	SE	3	c+	59	55	6	-	-	0	CiSt	9	•
Chester (Sealand)	1023.5	-3	S'E	2	b-	58	75	6	-	-	0	-	0	0
Harrogate	1024.8	-1	SE	2	bc	54	65	6	2500	StCu	7	-	7	•
Spurn Head	1024.9	0	NE'E	4	c	47	92	7	4000	CuNb	6	ASt	10	•
Birmingham (Edgbaston)	1024.6	-2	NE	2	b-	51	65	6	-	-	0	-	0	1
Cranwell	1025.3	-2	N'E	3	c	51	85	6	1500	StCu	10	-	10	0
Gorleston	1022.9	-2	N'W	4	c	49	92	6	4000	StCu	10	-	10	•
Valentia (Cahirciveen)	1019.6	0	SSE	3	c	59	65	8	2500	StCu	4	ASt	9	0
Roches Point	1022.0	-1	SE	3	c	53	97	8	1500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1022.9	-1	SE	3	bc-	54	75	7	2500	Cu	3	ASt	6	•
Ross-on-Wye	1023.2	-1	NE	2	bc-	56	65	6	4000	Cu	3	-	3	0
Leafield	1023.5	-1	NNE	2	c-	49	75	7	4000	StCu	8	-	8	0
Winchester (Worthy Dn.)	1022.5	-3	N	2	bc-	55	65	7	2500	Cu	4	-	4	0
S. Farnborough	1022.4	-3	N	2	bc	58	55	6	2500	Cu	3	-	3	0
London (Kew Obsy.)	1022.8	-4	NNE	3	bc	55	66	6	4000	Cu	3	-	3	0
Croydon	1022.8	-3	N	2	b-	54	66	5	-	-	0	-	0	0
Shoeburyness	1022.2	-3	N	2	bc-	57	75	7	5700	Cu	3	ACu	6	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1022.4	-3	N'W	4	c+	55	75	7	2500	StCu	8	-	8	1
Lympne	1022.2	-3	N	4	bc-	49	85	6	1600	StCu	7	-	7	0
Scilly (St. Mary's)	1021.1	0	ESE	5	c	52	75	6	4000	Cu	8	-	8	•
Falmouth (Pendennis)	1022.0	-1	ESE	4	c	50	75	7	4000	StCu	10	-	10	•
Plymouth (Cattewater)	1022.7	-1	ESE	4	c	51	75	7	2500	St	9	-	9	0
Portland Bill	1023.1	-1	ENE	3	bc-	53	75	6	1500	StCu	7	-	7	•
Southampton (Calshot)	1023.2	-3	NNE	1	bc-	56	65	6	1500	Cu	5	-	5	0
Dungeness	1022.2	-3	NNE	3	c-	51	75	7	1500	St	8	-	8	•
Guernsey (Fort George)	1022.5	-1	ENE	4	c-	49	75	7	2500	StCu	8	-	8	•

Observations at 18h. G.M.T. 18th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1026.8	-2	SSE	1	c	52	65	8	1500	StCu	5	ASt	9	•
Stornoway	1022.5	0	E	1	bc	56	75	8	-	-	0	ASt	5	0
Wick	1024.6	-2	SSE	2	bc	48	92	8	4000	StCu	2	Ci	4	1
Tiree	1022.5	-1	SW	2	bc-	52	85	8	2500	Cu	7	-	7	1
Nairn	1022.4	•	-	0	bc-	64	55	8	2500	Cu	3	CiCu	5	•
Aberdeen	1025.7	-1	-	0	c	48	92	8	1500	St	1	ACu	9	0
Malin Head	1021.8	-1	ESE	4	c	57	75	6	5700	StCu	9	-	9	1
Renfrew	1023.1	-1	ENE	3	bc	57	65	6	5700	Cu	1	CiCu	7	•
Edinburgh (Inchkeith)	1023.9	-2	E	3	bc	47	92	6	800	St	2	Ci	3	0
Leuchars	1025.6	0	E	2	bc+	47	92	7	800	StCu	7	-	7	•
Eskdalemuir	1023.1	0	ESE	4	b	68	65	8	4000	Cu	1	Ci	2	•
Tynemouth	1026.7	-1	NE	1	o	46	92	7	1500	St	10	-	10	1
Blacksod Point	1019.6	0	N	1	c+	58	75	8	•	-	0	ASt	10	1
Donaghadee	1022.4	-2	ESE	1	bc-	52	85	5	-	-	0	CiSt	3	1
Birr Castle	1020.8	0	SSE	2	c	58	75	6	-	-	0	ASt	10	•
Holyhead	1022.1	-2	N'W	1	b	51	85	6	-	-	0	-	0	0
Liverpool (Bidston)	1022.1	-1	NNE	2	c+	60	65	6	2500	St	9	-	9	•
Chester (Sealand)	1022.0	-1	S'E	2	b+	60	65	6	4000	StCu	2	-	2	•
Harrogate	1024.6	0	SE	2	c	51	85	7	-	-	0	ASt	10	•
Spurn Head	1024.0	0	E'N	3	o	47	97	6	800	St	10	-	10	2
Birmingham (Edgbaston)	1022.6	-1	ENE	3	bc+	56	65	8	-	-	0	CiCu	4	•
Cranwell	1023.9	-1	NNE	3	c	51	85	6	800	St	10	-	10	•
Gorleston	1021.7	-1	N'E	4	bc-	50	85	7	-	-	0	ACu	6	1
Valentia (Cahirciveen)	1018.9	0	SSE	4	c+	57	75	8	2500	StCu	5	ACu	8	0
Roches Point	1021.4	-1	SE	3	c	51	92	7	1500	StCu	10	-	10	0
Pembroke (St. Ann's H.)	1021.4	~~-2~~	-	0	bc-	52	75	7	-	-	0	Ci	3	0
Ross-on-Wye	1021.6	-2	(E)	3	b	58	55	6	-	-	0	-	0	•
Leafield	1021.7	-2	NNE	3	c+	64	75	7	4000	Cu	1	ACu	9	•
Winchester (Worthy Dn.)	1020.7	-1	N	3	bc	57	65	8	2500	Cu	3	ACu	6	•
S. Farnborough	1020.8	-1	NNE	2	c	59	65	7	5700	StCu	9	-	9	•
London (Kew Obsy.)	1021.5	-1	NNE	3	c	55	75	6	-	-	0	ACu	9	•
Croydon	1021.3	0	NNE	3	c+	54	75	6	5700	StCu	8	ASt	10	•
Shoeburyness	1021.4	0	N'E	3	c+	53	97	7	4000	StCu	6	ASt	10	•
Clacton-on-Sea	1021.1	0	NNE	3	c	54	76	7	4000	StCu	8	-	8	1
Felixstowe	1021.1	-1	N'E	4	c	54	75	7	4000	StCu	10	-	10	3
Lympne	1020.3	0	N	4	cr₀	60	85	5	1500	StCu	10	-	10	•
Scilly (St. Mary's)	1019.6	-2	ESE	5	bc+	50	75	7	4000	Cu	5	Ci	7	4
Falmouth (Pendennis)	1020.6	-1	E'S	4	bc-	49	75	6	4000	StCu	6	-	6	1
Plymouth (Cattewater)	1021.2	-2	ESE	4	b	54	65	7	-	-	0	Ci	1	0
Portland Bill	1021.7	-2	W	2	b-	51	75	6	1500	StCu	1	-	1	1
Southampton (Calshot)	1020.6	-2	NNE	4	b	61	65	7	2500	Cu	1	-	1	0
Dungeness	1020.5	-2	NNE	2	c+	52	85	6	1500	StCu	10	-	10	2
Guernsey (Fort George)	1020.8	-3	NE	3	b-	48	85	7	-	-	0	-	0	3

LONDON OBSERVATIONS.
Day 7h-18h., Kew & Croydon. 9h-18h., Kensington. 9h-21h., other stations.

Station	Height above M.S.L. in feet	Weather (24 hours ended 9h.) Morning	Afternoon	Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall† mm. Day	Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	omebc	bcc	cbcbm₀	58	43	37	-	-	3.6	*	*	7
Croydon	244	obz₀	bycz₀	cmbybzb	59	42	36	-	-	3.0	•	•	7
Greenwich (Royal Obsy.)	149	c	cbcy	cbmbcy	61	41	29	-	Tr	2.6	58	67	7
City (Bunhill Row)	89	•	•	•	•	•	•	•	•	2.8	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	60	45	-	-	-	3.4	69	65	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	3.4	•	•	•
Camden Square	110			•						•	•		•
Kensington Palace	80	O	cbcc	•	59	44	37	-	-	•	(At 18h) 75	69	•
Hampstead Observatory	450	•	•	•	56	40	36	-	-	3.5	•	70	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.
24 Hr. ended 7h. G.M.T. 19th.

South Kensington

Max.	Time.	Min.	Time.
0.6	8 18d	<0.3	4h 19d

Kew Observatory

Max.	Time.	Min.	Time.
0.2	18h 8L	<0.1	18h 15L

POLE STAR RECORD at Greenwich Obsy.
Exposure from 18th 21 h. 15 m. to 19th 2 h. 30 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	5.15	4.1	76
δ Ursae Minoris	5.15	3.57	75

CODE FOR STATE OF GROUND.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.
19th & 20th May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.53 / 3.52	11.49 / 11.49	19.46 / 19.48
Greenwich	4.5 / 4.4	11.56 / 11.56	19.48 / 19.50
Wick	3.41 / 3.39	12.9 / 12.9	20.38 / 20.40
Valentia	4.44 / 4.43	12.37 / 12.37	20.31 / 20.33

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♆ = lunar halo.
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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0 = no swell, 1 = mod. swell, 2 = heavy swell } Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

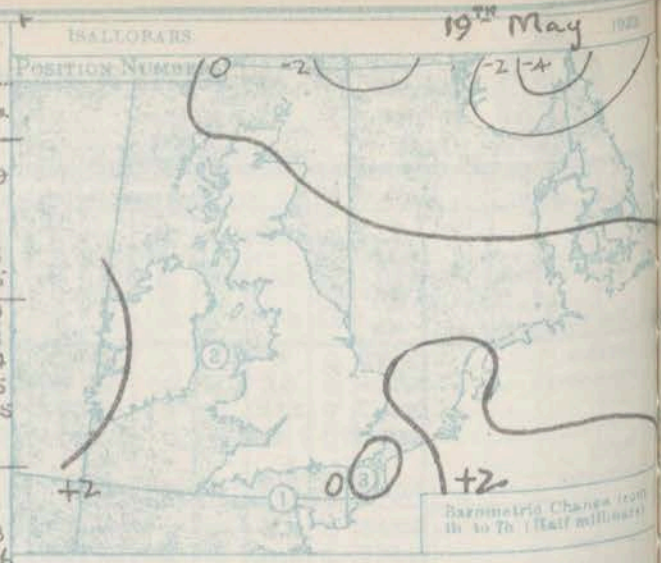
Code	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	3½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 18th	13h.-18h. 18th	18h. to 1h.	1h.-7h. 19th	TEMPERATURE. MAX. Day 7h.-18h.	MIN. Night 18h.-7h.	MIN. on Grass	RAINFALL.† Day 7h.-18h. mm.	began.	Night 18h.-7h. mm.	began.	SUN 18th Hours.
Lerwick	c	c	c	c	52	48	•	-	-	-	-	0.1
Stornoway	b-bc	b-bc	b-bc	bcc	62	40	•	-	-	-	-	11.9
Wick	cmmc	b-bc	b-bc	c	49	46	•	-	-	-	-	•
Tiree	bcb	bcc	bc	cbc	56	44	38	-	-	-	-	7.7
Nairn	bc	bcbbc	bcw	bc	66	41	•	-	-	-	-	9.5
Aberdeen	obcc	c	c	c	50	47	45	-	-	-	-	2.5
Malin Head	cz.z.	cz.z.	cz.z.	cbcbz.z.	58	47	•	-	-	-	-	5.9
Renfrew	obz.	bbcz.	bbcm.	cmw	62	43	32	-	-	-	-	8.8
Edinburgh (Inchkeith)	obcb	b-bc	bccw	cow	51	44	41	-	-	Tr	-	5.4
Leuchars	cbc	bccbbc	bcco	o	50	45	42	-	-	-	-	7.5
Eskdalemuir	cwbzby	bybyby	bcb	bc	63	43	39	-	-	-	-	10.5
Tynemouth	o	o	oFeFe	oF.Fe	51	45	44	-	-	Tr	-	•
Blacksod Point ...	bc	c	c	oc	61	50	•	-	•	-	•	•
Donaghadee	bcbm.	bbcm.	bbcm.	bcm.c	54	43	•	-	-	-	-	•
Birr Castle	bc	cbc	cbw	bmx	63	39	29	-	-	-	-	8.3
Holyhead	cm.bz.	bm.	bm.w	bwcm.	57	48	41	-	-	Tr	6.30	10.6
Liverpool (Bidston) ...	bbcy	ycbc	cbbc	c	64	50	49	-	-	-	-	7.6
Chester (Sealand) ...	cmbcbz.	bz.y	bccm.	cm.	62	49	44	-	-	-	-	7.8
Harrogate	cbc	bcc	c	cbc	56	43	37	-	-	-	-	2.9
Spurn Head	c	co	cpfbcbw	bc	49	44	•	-	-	Tr?	<2400	0.0
Birmingham (Edgbaston)	oc	bbc	bcc	cbc	57	45	39	-	-	-	-	5.7
Cranwell	c	c	c-bm.	b	55	37	34	-	-	-	-	1.0
Gorleston	cq	cq	bcbq	bq	53	47	43	-	-	-	-	1.4
Valentia (Cahirciveen)	c	cybcc	cbc	bcwc	61	45	37	-	-	Tr	-	3.5
Roches Point	c	c	cz.w	cbcbw	54	44	•	-	-	Tr	-	•
Pembroke (St. Ann's H.)	c	bc	bm.	bbc	55	45	•	-	-	-	-	8.0
Ross-on-Wye	ocbc	bybz.	bwcm.	cbc	58	46	43	-	-	-	-	8.0
Leafield	oc	bc	c	bcbw	56	40	37	-	-	-	-	4.4
Winchester (Worthy Dn.)	cbc	bcy	bcbbc	bcb	59	45	41	-	-	-	-	6.2
S. Farnborough ...	obc	byc	cbcc	bcbw	62	41	32	-	-	-	-	6.1
London (Kew Obsy.) ...	ombc	bcc	cbcb	cbcbm.	58	43	37	-	-	-	-	3.6
Croydon	obz.	bycz.	cm.z.by	bwz.bc	59	42	36	-	-	-	-	3.0
Shoeburyness	cbc	bcc	mc	b	60	39	37	-	-	-	-	2.3
Clacton-on-Sea ...	ocbc	bcc	cbc	bcb	58	47	46	-	-	-	-	2.7
Felixstowe	bcc	coc	cbcb	b	57	45	42	-	-	-	-	3.1
Lympne	ocm.	bccm.	ccm.b	bwb	55	42	39	Tr.	17.30	Tr	<2100	1.5
Scilly (St. Mary's) ...	bbcc	cbc	bcb	bbcbm.	53	46	•	-	-	-	-	9.5
Falmouth (Pendennis)	c	cbcz.	bcz.	bcz.	50	44	•	-	-	-	-	2.2
Plymouth (Cattewater)	cbcm.	cb	b	bwcm.	56	44	35	-	-	Tr	-	8.1
Portland Bill	cz.	bcbz.	bcz.	c	54	48	•	-	-	-	-	•
Southampton (Calshot)	cm.	bcmby	bbcc	cbcb	62	48	47	-	-	-	-	7.6
Dungeness	oc	c	cbc	bcbb	55	42	•	-	-	-	-	•
Guernsey	cq.	cbcb	bw	bbccom.	50	46	•	-	-	Tr	-	6.0

19th May



Observations from Cross Channel Steamers

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Pressure
2	18th 10h	Cambria	SW	4	c	49	48	6
1	" 12h	St. Helier	E	5	c+	49	50	6

GENERAL INFERENCE.

A ridge of high pressure extending south-westwards across the British Isles will maintain quiet fair weather generally. Cool conditions will prevail in eastern, coastal districts but inland and in the West warmer weather will be experienced.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday, 19th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Moderate east winds, fresh locally; fine; cool on coasts, moderate temperature inland, slight ground frost locally at night.	
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Light to moderate east to southeast winds; fine; rather warm by day, slight ground frost locally at night.	Similar.
10. N.E. England 11. S.E. Scotland	Light southerly winds; bright and cloudy periods; moderate temperature.	
12. S.W. Scotland & Isle of Man 13 {A. W. Scotland, B. NW. Scotland} 14. Mid-Scotland	Light southeast winds; fine; rather warm by day, slight ground frost locally at night.	
15. N.E. Scotland 16. Orkneys and Shetlands	As 10 - 11.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light variable winds; fair; rather warm by day, slight ground frost locally at night.	

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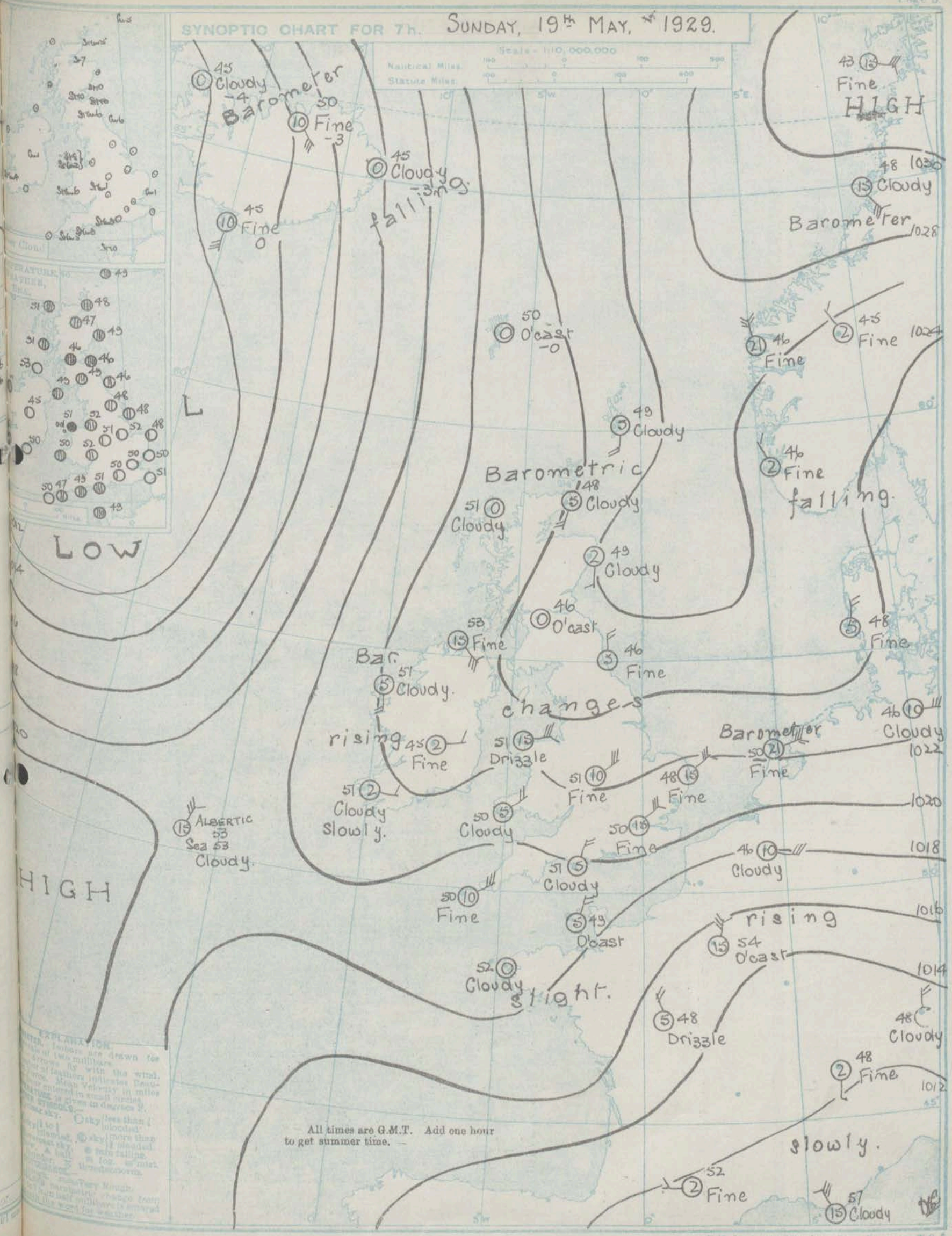
Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 11.30 G.M.T. G. C. SIMPSON, F.R.S., Director.

† Trace = rain has fallen, but amount less than 0.1 mm.

‡ For code see back ‡



H.M. Stationery Office Litho. Press, Kingsway, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION ...Sunday 12th May... 1929. No. 132...

Stations	Height above M.S.L. in feet	1h. G.M.T. 12th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	7h. G.M.T. 12th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	54	1026.2	-1	S	1	c	49	85	8	1500	StCu	3	aSt	9	1024.8	-2	S	2	c	49	92	7	1500	Cu	5	ACu	10	•
Stornoway	30	1023.4	+1	-	0	bc-	•	•	7	•	•	•	•	3	1023.2	0	-	0	c	51	92	8	-	-	0	ASt	8	0
Wick	81	1025.3	-1	SSE	2	bc	46	92	8	2500	StCu	3	CiSt	5	1023.7	0	SSW	2	c	48	92	8	2500	StCu	5	ACu	8	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.0	0	S	4	bc	51	85	8	-	-	0	CiSt	3	1
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.8	•	-	0	bc+	47	85	7	1500	St	7	-	7	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.0	0	S	1	c	49	85	7	-	-	0	ACu	9	0
Malin Head	51	1022.6	+1	NW	2	c	52	85	6	5700	StCu	8	aCu	9	1023.3	+1	SE	4	b	53	85	5	-	-	0	-	0	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.4	0	-	0	o	46	97	5	1500	St	10	-	10	•
Edinburgh (Inchkeith)	160	1024.7	0	NE	2	c	45	97	8	1500	St	7	aCu	10	1024.9	+1	ENE	2	o	46	97	6	800	St	10	-	10	0
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.7	0	E	2	o	48	92	6	450	St	10	-	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.1	0	N	2	c	49	75	8	5700	StCu	6	ACu	9	•
Tynemouth	67	1025.7	0	-	0	FFo	46	97	1	800	St	10	-	10	1025.7	+1	N	2	bc/f	46	97	7	2500	Cu	6	-	6	1
Blacksod Point	18	1020.6	0	-	0	c	53	85	6	•	-	0	aSt	10	1022.1	+2	S	2	c	51	85	7	•	-	0	ASt	10	1
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.9	+1	ESE	1	c-	49	92	7	4000	StCu	5	ACu	8	1
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.4	•	E	1	(b)	45	92	(5)	5700	Cu	1	-	1	•
Holyhead	28	1021.8	0	E'N	1	b	49	85	6	4000	StCu	1	-	1	1021.9	0	E	4	cd₀	51	85	6	4000	St	10	-	10	3
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.1	+1	E	3	c	52	65	6	-	-	0	ACu	9	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.8	+1	E'N	3	c	52	85	6	7200	StCu	9	-	9	
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.2	0	N	2	bc-	48	85	5	-	-	0	ACu	5	
Spurn Head	29	1023.1	0	E	4	b	46	97	7	-	-	0	CiCu	1	1023.2	0	ESE	3	bc	48	92	7	-	-	0	CiCu	3	•
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.3	0	ENE	3	b-	51	65	6	-	-	0	ACu	2	•
Cranwell	236	1023.5	-1	NNE	2	b-	42	92	6	-	-	0	aCu	1	1023.6	+1	NE	3	b	52	75	8	-	-	0	ACu	1	1
Gorleston	14	1021.1	-1	NE'E	4	b	48	85	7	-	-	0	-	0	1021.7	+2	NE'E	4	b	48	85	7	-	-	0	C	2	
Valentia (Cahirciveen) P	30	1020.2	0	S	3	c+	52	97	6	-	St	8	-	8	1021.3	+2	E'S	1	c+	51	75	8	4000	StCu	4	CiSt	8	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.8	0	E	3	b	50	92	8	-	-	0	-	0	0
Pembroke (St. Ann's H.)	160	1020.8	0	N	1	b-	47	85	7	-	-	0	Ci	1	1020.4	+1	NE	2	c+	50	85	6	2500	StCu	6	ACu	9	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.1	0	E'N	3	bc	52	65	8	4000	StCu	1	CiCu	3	•
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.5	0	NE	3	b	48	75	8	-	-	0	CiSt	1	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.6	0	N'E	3	b	49	75	8	-	-	0	-	0	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.7	+1	ENE	2	b	50	75	7	-	-	0	CiSt	1	•
London (Kew Obsy.)	18	•	•	•	•	•	48	•	•	•	•	•	•	•	1020.6	+1	NE	4	b	50	75	6	-	-	0	-	0	•
Croydon	244	1020.5	-1	-	0	b-	48	85	6	-	-	0	-	0	1020.3	0	NE	3	bc+	49	75	7	1500	Cu	5	-	5	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.4	+1	NE	4	b+	52	85	8	1500	Cu	2	-	2	4
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.4	+1	NE	5	b	50	85	7	2500	Cu	1	-	1	3
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.8	0	NE	5	b	50	75	7	-	-	0	-	0	•
Lympne	350	1018.9	-2	N'E	4	b-	45	92	7	-	-	0	-	0	1018.8	0	NE	4	b	49	75	8	-	-	0	-	0	
Scilly (St. Mary's)	163	1019.8	0	E'N	2	b	47	92	7	-	-	0	Ci	2	1019.5	0	NE'E	3	b	50	92	6	-	-	0	-	0	4
Falmouth (Pendennis)	200	1019.4	-1	NNW	2	bc	45	97	7	4000	StCu	4	-	4	1019.4	0	N'E	1	bc	47	97	6	4000	StCu	5	-	5	0
Plymouth (Cattewater)	88	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.6	0	W	1	c+	49	85	6	4000	StCu	9	-	9	0
Portland Bill	32	1019.1	-1	NE	3	c	52	85	6	1500	StCu	9	aSt	10	1018.4	+1	NE	2	c	51	75	8	1500	StCu	9	ASt	10	
Southampton (Calshot)	10	1020.0	-1	NE	3	c	52	85	7	2500	StCu	10	-	10	1019.5	0	NE'N	3	b	52	75	8	-	-	0	ACu	1	3
Dungeness	20	1018.7	-1	NNE	2	bc-	47	85	8	4000	StCu	5	-	5	1018.0	-2	NE	4	b	51	75	8	-	-	0	-	0	1
Guernsey (Fort George) P	298	1019.4	-2	-	0	b-	45	85	6	-	-	0	-	0	1019.0	+1	NNE	2	o	49	92	5	1500	St	10	-	10	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 18th May

Stations (1)	Weather: Forenoon (2)	Weather: Afternoon (3)	Temperature: Min. 9h.-17th to 9h. 18th (4) °F	Temperature: Max. 9h.-17h. 18th (5) °F	Rainfall: Night 17h.-9h. 17th-18th (6) mm.	Rainfall: Day 9h.-17h. 18th (7) mm.	Sunshine: Sunrise to 17h. 18th (8) hr.	Sunshine: Sunrise to Sunset 17th (9) hr.
Berwick-on-Tweed	cbc	o	42	50	-	-	1.8	1.1
Douglas (I. o. M.)	o	cbcz	44	58	-	-	6.7	13.3
Llandudno	b	bcb	45	62	-	-	11.8	9.0
Colwyn Bay	b	b	45	65	-	-	11.5	10.4
Rhyl	b	b	41	65	-	-	11.6	6.0
Wallasey	ocbcb	bbc	43	62	-	-	7.1	9.0
Southport	bzbcz	bczczbcz	*39	63	-	-	9.2	8.3
Blackpool	cbc	bcz	41	61	-	-	10.7	6.3
Ilkley	b	b	42	59	-	-	6.0	6.4
Cleethorpes	o	o	46	52	-	-	0.0	0.1
Skegness	o	o	42	49	-	-	0.0	0.0
Aberystwyth	p₀bc	bbc	45	62	0.3	-	11.7	9.4
Bath	c	cbcb	43	60	-	-	4.1	10.1
Cheltenham‖	ocbc	b	42	59	-	-	6.2	10.2
Leamington Spa	o	c	43	58	-	-	3.2	13.3
Lowestoft	o	oc	42	50	Trace	-	0.2	0.0
Harwich & Dovercourt	ocbc	bcoc	42	60	-	-	5.5	0.0
Maldon	obc	bco	43	57	-	-	2.6	3.0
Southend	oc	cod₀	44	59	-	Trace	2.4	6.4
Bude	b	cbc	49	60	-	-	11.0	11.2
Penzance	c	cb	49	64	-	-	2.5	13.3
Paignton	ozocb	bz	49	54	Trace	-	2.6	12.4
Torquay	ocb	bz	49	56	-	-	3.0	12.6
Jersey	cbc	bcb	45	56	-	-	6.3	13.7
Weymouth	oc	cb	47	57	-	-	5.0	9.2
Bournemouth	o	b	45	60	-	-	4.5	11.7
Ventnor	oz	bz	45	57	-	-	6.0	12.6
Portsmouth (S'thsea)	oc	b	45	61	-	-	5.2	12.7
Bognor	bccb	b	45	54	-	-	6.1	12.4
Littlehampton	cbc	bc	45	57	-	-	6.4	11.8
Worthing	cbc	bbcc	46	59	-	-	5.9	12.3
Brighton	ocbc	bbc	47	57	-	-	5.7	11.8
Eastbourne‖	ocbc	bcbbcc	46	56	-	-	4.7	13.0
Hastings‖	oc	cbbcc	44	59	-	-	4.5	12.9
Folkestone	oc	co	43	56	-	-	0.8	6.6
Dover	oc	co	45	55	-	-	0.3	5.7
Tunbridge Wells	oc	bcc	44	61	-	-	3.1	12.8
Ramsgate	oc	co	43	52	-	-	0.3	6.6
Margate	c	c	44	51	-	-	0.2	6.3
Deal	o	oco	44	55	-	-	0.7	6.9

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• Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24651 Monday 20th May 1929.

Observations at 13h. G.M.T. 19th

Stations. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Heights Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1020·6	-3	S	2	c	52	85	7	2500	Cu	5	ACu	8	•
Stornoway	1022·4	-1	-	0	c	63	55	9	-	-	0	ASt	8	•
Wick	1022·0	-2	SSW	3	bc	54	85	8	4000	Cu	3	ACu	7	•
Tiree	1023·1	0	S	3	b-	60	85	7	-	-	0	Ci	1	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1024·0	-2	SSE	3	bc	61	65	8	4000	Cu	1	ACu	7	0
Malin Head	1023·1	-1	E	3	bc	52	85	6	5700	StCu	2	ACu	3	•
Renfrew	1023·8	-2	N	1	c	60	65	6	5700	Cu	4	ACu	9	0
Edinburgh (Inchkeith)	1024·4	-2	ENE	2	c	48	92	8	4000	Cu	3	ACu	9	•
Leuchars	1024·4	-2	SE	1	c-	53	85	7	4000	Cu	1	ACu	9	1
Eskdalemuir	1022·8	-2	ENE	2	bc-	61	35	8	5700	Cu	1	ACu	4	1
Tynemouth	1023·8	-1	ENE	1	b	51	85	8	2500	Cu	2	-	2	•
Blacksod Point	1021·7	0	W	2	b	57	75	7	•	Cu	2	-	2	•
Donaghadee	1023·2	0	ESE	2	bc-	58	75	7	4000	StCu	2	ACu	5	•
Birr Castle	1021·2		SE	1	bc	65	55	6	4000	Cu	5	-	5	•
Holyhead	1021·0	-1	E	5	bc	60	55	6	5700	StCu	1	Ci	6	0
Liverpool (Bidston)	1021·3	-2	SE,E	3	c	63	35	6	-	-	0	CiSt	9	•
Chester (Sealand)	1021·2	-3	SEE	3	bc-	65	45	7	5700	Cu	1	CiSt	3	0
Harrogate	1022·4	-1	SE	3	b	62	45	9	-	-	0	ACu	1	•
Spurn Head	1023·4	0	SE'E	2	b	53	85	7	-	-	0	CiSt	2	•
Birmingham (Edgbaston)	1020·9	-1	E	4	b	63	35	8	-	-	0	Ci	1	1
Cranwell	1022·9	-1	E'N	4	b	63	35	8	4000	Cu	1	Ci	1	0
Gorleston	1022·3	0	NE	4	b	53	85	7	-	-	0	-	0	•
Valentia (Cahirciveen)	1021·7	+1	NW'W	3	bc	55	65	8	4000	Cu	1	Ci	4	0
Roches Point	1021·4	0	E	3	b	56	85	7	-	-	0	CiCu	1	•
Pembroke (St. Ann's H.)	1019·9	-1	W	1	bc-	56	75	6	2500	Cu	2	CiCu	4	•
Ross-on-Wye	1019·8	-1	E	3	b	64	25	8	-	-	0	Ci	1	0
Leafield	1019·4	-1	E'N	4	b	61	45	9	-	-	0	CiSt	1	0
Winchester (Worthy Dn.)	1018·6	-1	NNE	4	b	63	35	8	-	-	0	-	0	0
S. Farnborough	1019·0	0	ENE	5	b	64	25	7	-	-	0	-	0	0
London (Kew Obsy.)	1019·8	0	ENE	4	b	61	25	8	-	-	0	-	0	0
Croydon	1019·7	0	E'N	5	b	61	45	8	-	-	0	-	0	0
Shoeburyness	1021·0	0	NEE	6	b	56	85	8	-	-	0	-	0	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1021·2	0	NE	5	b	53	65	8	-	-	0	-	0	0
Lympne	1019·0	0	NE	5	b	54	75	8	-	-	0	-	0	0
Scilly (St. Mary's)	1019·2	0	ENE	2	b	58	75	6	-	-	0	Ci	2	•
Falmouth (Pendennis)	1019·1	0	-	0	c+	54	85	7	4000	StCu	10	-	10	•
Plymouth (Cattewater)	1019·4	0	SSW	1	c	54	85	6	4000	StCu	10	-	10	0
Portland Bill	1018·8	0	SW	1	bc-	55	75	7	2500	StCu	4	-	4	•
Southampton (Calshot)	1018·8	-1	ENE	3	b	67	46	8	-	-	0	-	0	0
Dungeness	1018·8	+2	NE	4	b	54	65	8	-	-	0	-	0	•
Guernsey (Fort George)	1018·8	-1	NNE	1	c-	51	85	7	2500	StCu	8	-	8	•

Observations at 18h. G.M.T. 19th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Heights Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1019·9	-2	W	1	c	55	75	7	1500	Cu	4	ACu	8	•
Stornoway	1021·4	-1	-	0	c+	62	55	8	-	-	0	CiSt	10	1
Wick	1021·6	-1	SSW	2	c	53	85	8	2500	StCu	6	CiSt	8	0
Tiree	1022·6	0	W'S	2	bc	55	85	7	2500	StCu	4	-	4	2
Nairn	1021·1	•	-	0	c+	58	75	7	1500	CuNb	8	-	8	•
Aberdeen	1022·5	-1	SSW	3	c	56	55	7	5700	StCu	3	ACu	9	0
Malin Head	1022·8	0	NW	2	bc	53	85	6	4000	StCu	1	ACu	3	0
Renfrew	1022·4	-2	ENE	1	c	62	55	7	5700	Cu	10	-	10	•
Edinburgh (Inchkeith)	1023·0	-1	ENE	1	c	52	75	8	-	-	0	ACu	9	0
Leuchars	1022·9	-2	E	2	c	55	75	8	7200	StCu	3	ACu	9	•
Eskdalemuir	1021·6	-1	ENE	4	bc	59	35	9	5700	StCu	2	ACu	5	•
Tynemouth	1024·6	0	ENE	1	bc	50	85	8	800	St	2	Ci	3	1
Blacksod Point	1022·8	+1	NW	2	b	58	75	7	•	-	0	•	0	1
Donaghadee	1022·2	-1	ENE	2	bc	52	85	7	4000	StCu	2	ACu	5	1
Birr Castle	1020·9	•	ENE	1	c+	63	75	6	2500	?	10	-	10	•
Holyhead	1020·9	+1	NNW	1	b	54	75	7	-	-	0	Ci	1	3
Liverpool (Bidston)	1020·8	0	NW'N	2	bc-	61	65	7	-	-	0	ACu	4	•
Chester (Sealand)	1020·8	0	SE	2	b	64	45	8	-	-	0	CiSt	1	•
Harrogate	1022·3	0	SE	3	b	59	45	9	-	-	0	Ci	1	•
Spurn Head	1023·0	0	SE	2	b	49	85	7	-	-	0	Ci	1	1
Birmingham (Edgbaston)	1019·8	0	E	3	b	63	35	8	-	-	0	Ci	1	•
Cranwell	1022·9	0	E	3	b	56	45	9	4000	Cu	1	Ci	1	•
Gorleston	1022·1	0	NE'N	4	bc+	50	45	7	—	-	0	Ci	4	0
Valentia (Cahirciveen)	1022·5	+1	NW	3	b	55	75	7	2500	Cu	1	-	1	0
Roches Point	1022·0	+1	SW	2	c	55	85	7	2500	StCu	7	CiCu	9	1
Pembroke (St. Ann's H.)	1020·1	0	NW	1	b-	56	75	7	-	-	0	CiCu	1	0
Ross-on-Wye	1019·5	0	E	3	b	64	35	9	-	-	0	Ci	1	•
Leafield	1019·9	0	E	3	b	59	45	9	-	-	0	CiSt	1	•
Winchester (Worthy Dn.)	1018·3	0	E'N	3	b	59	35	9	-	-	0	-	0	•
S. Farnborough	1019·7	+2	ENE	4	b	60	35	7	-	-	0	-	0	•
London (Kew Obsy.)	1020·5	+1	E	3	b	60	35	8	-	-	0	-	0	•
Croydon	1020·2	+1	ENE	4	b	58	35	8	-	-	0	-	0	•
Shoeburyness	1021·0	0	NEE	5	b	54	97	8	-	-	0	CiSt	1	•
Clacton-on-Sea	1021·2	0	ENE	5	bc	55	65	7	-	-	0	Ci	4	4
Felixstowe	1021·6	+1	NNE	4	b	53	65	8	-	-	0	Ci	2	6
Lympne	1019·6	0	NNE	5	b-	53	65	8	-	-	0	Ci	1	•
Scilly (St. Mary's)	1020·0	+1	NE'N	2	b	55	85	6	-	-	0	Ci	1	1
Falmouth (Pendennis)	1018·9	0	-	0	bc-	55	85	7	4000	StCu	7	-	7	0
Plymouth (Cattewater)	1019·1	0	SSW	2	b	55	85	7	4000	Cu	1	Ci	1	0
Portland Bill	1018·7	0	SW	1	b	55	75	6	1500	StCu	2	-	2	0
Southampton (Calshot)	1019·4	+1	SE	2	b	57	75	7	-	-	0	-	0	0
Dungeness	1019·2	+2	NE	4	bc+	53	75	8	-	-	0	CiCu	3	4
Guernsey (Fort George)	1018·9	0	NNE	2	b-	53	75	7	-	-	0	Ci	2	1

London Observations. Day 7h.-18h., Kew & Croydon. 9h.-18h., Kensington. 9h.-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Fatality
		24 hours ended 9h.								Yesterday.		To-day.	
Kew	18	bm,b	by	bybm,	62	41	29	-	-	14·5	•	•	6
Croydon	244	bc by	by	by bwm	62	39	34	-	-	14·5	•	•	6
Greenwich (Royal Obsy.)	149	by	by	bwby	63	39	26	-	-	14·7	28	59	8
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	13·8	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	63	43	—	-	-	14·5	41	63	•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	14·8	•	•	•
Camden Square	110	b	b	•	66	41	-	-	-	•	•	62	•
Kensington Palace	80	b	b	•	64	42	33	-	-	•	At 18h. 45	62	•
Hampstead Observatory	450	•	•	•						14·5	•		•

Atmospheric Pollution Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 20th

South Kensington Max.	Time.	Min.	Time.
0·6	7h 19th	<0·3	3h 20th

Kew Observatory Max.	Time.	Min.	Time.
0·3	7hrs 20th	<0·1	17hrs 19th

Pole Star Record at Greenwich Obsy.

Exposure from 19th 21h. 15m. to 20th 2h. 30m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	5.15	5.15	100
δ Ursae Minoris	5.15	5.15	100

Code for State of Ground.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich times of sunrise, noon, and sunset. 20th - 21st May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.52 3.51	11.49 11.49	19.46 19.48
Greenwich	4.4 4.3	11.56 11.56	19.50 19.51
Wick	3.39 3.37	12.9 12.9	20.40 20.42
Valentia	4.43 4.42	12.37 12.37	20.33 20.34

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog. „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

Symbols.
< = { less than (for cloud height). { before (for precipitation).
⊕ = solar halo. ⊕ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—b/r = fair weather after rain; — = has decreased; + = has increased.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

Sea Disturbance.
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Telegraphic Code for Surface Visibility.

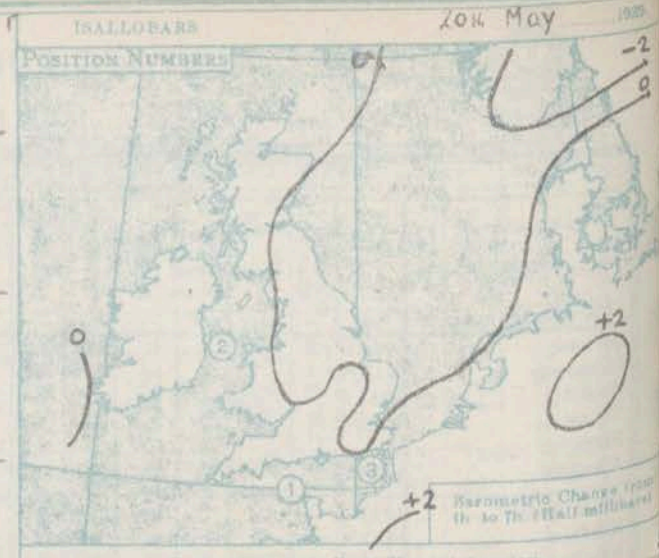
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2¾ „
6. Moderate.	5½ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 19th	WEATHER. 13h.-18h. 19th	WEATHER. 18h. 19th to 1h. 20th	WEATHER. 1h.-7h. 20th	TEMPERATURE. MAX. Day. 7h.-13h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on Grass	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Day. 7h.-18h. began.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 19th Hours.
Lerwick	c bc c	c bc c	c bc c	c m	59	46	.	–	–	–	–	4.6
Stornoway	c	c	b bc	c	64	42	.	–	–	–	–	12.4
Wick	b-bc	c	b bc	c o m m	54	46	.	–	–	–	–	.
Tiree	bc b	bc	b c m₀	bc c	60	46	34	–	–	–	–	10.3
Nairn	bc c	c j p d₀	c d b c	bc	63	48	.	Tr	17.30	0.2	<2.100	2.1
Aberdeen	bc	c	c	c	63	48	43	–	–	–	–	4.9
Malin Head	b z₀ z₀	b c z₀ z₀	c b c z₀ z₀	b c c o z₀ z₀	60	49	.	–	–	–	–	9.7
Renfrew	o c p₀ c z₀	c c y	c y b c z₀	b c w f f	64	39	31	Tr	11.00	–	–	1.2
Edinburgh (Inchkeith)	o m m₀ o	c	c b c b	b-bc	52	44	38	–	–	–	–	4.4
Leuchars	o c m₀ c	b c c	c v c	c b c	57	40	33	–	–	–	–	1.4
Eskdalemuir	c b c y	b c y	b c y c y c	c b c	65	37	32	–	–	–	–	5.0
Tynemouth	b c b	b b c	b c c	c b c m₀	53	45	37	–	–	–	–	.
Blacksod Point ...	c b	b	b	b o	59	46	.	–	.	–	.	.
Donaghadee	c b c	b c	b c	b c	60	46	.	–	–	–	–	.
Birr Castle	b c b y	c	c b w	b w	66	47	41	–	–	–	–	9.3
Holyhead	c b c z₀	b c z₀ b	b w	b w b c	60	47	39	–	–	–	–	9.3
Liverpool (Bidston) ...	c b c c y	y m z b c	b c b m₀	b-bc	67	46	42	–	–	–	–	10.9
Chester (Sealand) ...	b c b z₀ y	b c b y	b m₀	b m₀	67	40	36	–	–	–	–	12.1
Harrogate	b c b v	b v	b	b	62	40	32	–	–	–	–	11.1
Spurn Head	b c b	b	b c b b w	b c c m	54	42	.	–	–	Tr	–	15.2
Birmingham (Edgbaston)	b	b	b	b	65	42	27	–	–	–	–	14.2
Cranwell	b y	b y v	b y v-b	b	63	33	26	–	–	–	–	14.2
Borleston	b y	b y	b c b	b b c	53	44	40	–	–	–	–	14.6
Valentia (Cahirciveen)	c b c y b c	b c b	b ~~b~~ w	b w	56	41	37	–	–	Tr	–	13.6
Roches Point	b	b b c c z₀	c z₀ b c b w	b w	57	43	.	–	–	Tr	–	.
Pembroke (St. Ann's H.)	c b c	b	b	b	60	47	.	–	–	–	–	7.8
Ross-on-Wye	b b y	b y	b w y b w	b w	65	39	29	–	–	–	–	14.2
Leafield	b y	b y v	b w	b w	63	35	30	–	–	–	–	14.7
Winchester (Worthy Dn.)	b b y	b y v	b y v	b	65	40	31	–	–	–	–	14.6
S. Farnborough ...	b y	b y	y b	b x c b	65	34	22	–	–	–	–	14.4
London (Kew Obsy.) ...	b m₀ b	b y	b y	b y b c m₀	62	41	29	–	–	–	–	14.5
Croydon	b c b y	b y	b y	b w m₀	62	39	34	–	–	–	–	14.5
Shoeburyness	b c b	b	b	b	5~~1~~8	3~~8~~9	3~~5~~4	–	–	–	–	13.~~8~~1
Clacton-on-Sea ...	b	b b c	b c b	b b c	56	41	37	–	–	–	–	14.7
Felixstowe	b	b	b	b	54	37	32	–	–	–	–	14.8
Lympne	b	b	b	b w b c c m₀	56	41	37	–	–	–	–	14.6
Scilly (St. Mary's) ...	b m₀	b	b b c b	c b	59	48	.	–	–	–	–	13.1
Falmouth (Pendennis)	b c c	c	b c z₀	b c	66	47	.	–	–	–	–	4.0
Plymouth (Cattewater)	c m₀	c m₀ b	b	b w y	56	43	32	–	–	Tr	–	3.8
Portland Bill	c b c	b c c z₀	b	b	58	45	.	–	–	–	–	.
Southampton (Calshot)	b b y	b y b	b	b	67	45	39	–	–	–	–	14.1
Dungeness	b	b b c	b c b	b b c	56	45	.	–	–	–	–	.
Guernsey	c m₀	c b c b	b w	b w	54	48	.	–	–	–	–	6.0



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
3	20th 1h	Dieppe	NE	4	bbc	50	47	8

GENERAL INFERENCE.

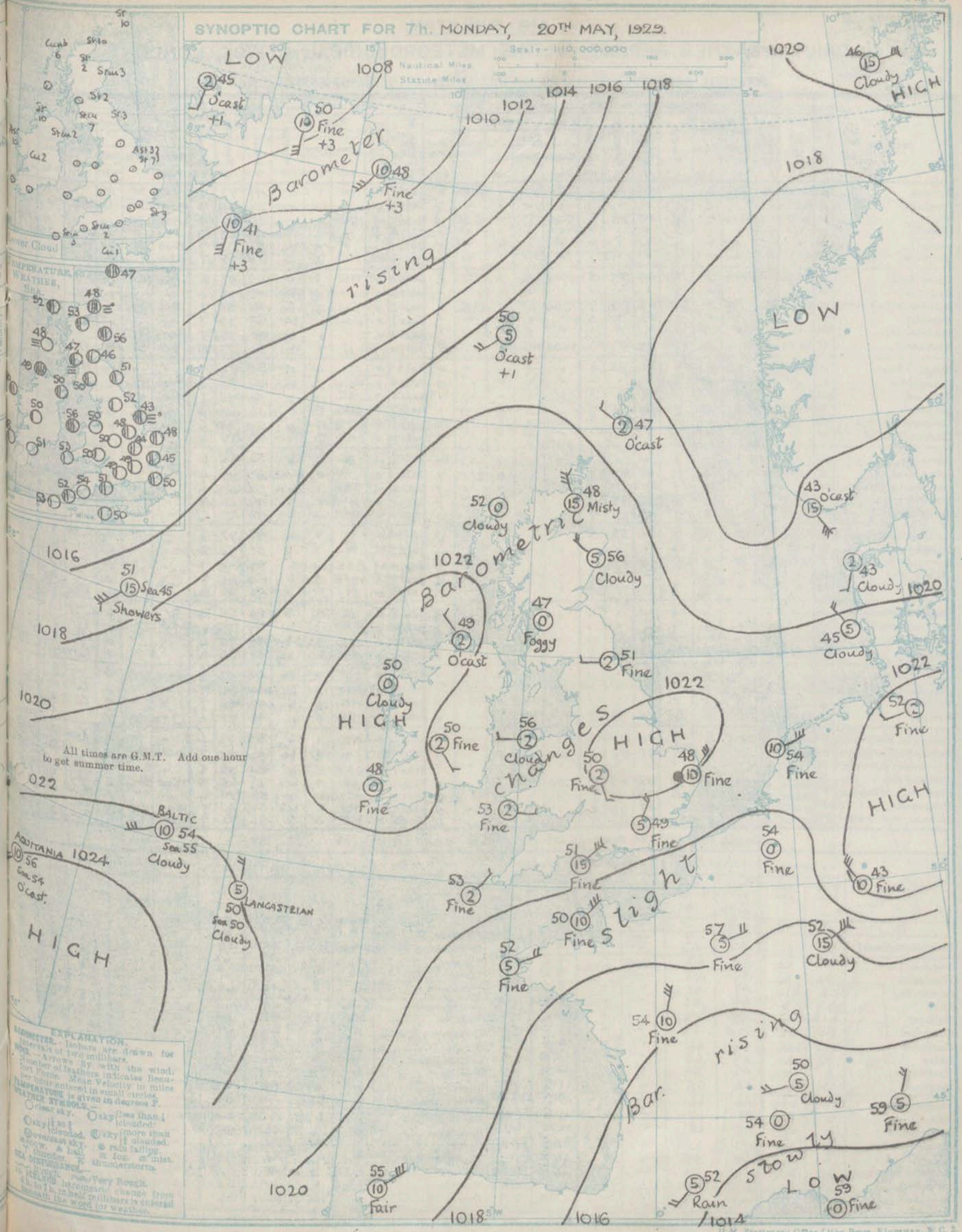
An area of high pressure covering the British Isles will maintain fine, quiet weather generally with moderate to rather high day temperature, but slight ground frost locally at night.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Monday, 20th May, 1929.	Further Outlook.
1. S.E. England		
2. E. England		
3. E. Midlands		Fair and quiet generally.
4. W. Midlands		
5. S.W. England		
6. South Wales	ALL DISTRICTS.	
7. North Wales		
8. N.W. England	Light variable winds; fine; moderate to rather	
9. N. Midlands	high day temperature; mist or fog and slight ground	
10. N.E. England		
11. S.E. Scotland	frost locally at night.	
12. S.W. Scotland & Isle of Man		
13. A. W. Scotland / B. N.W. Scotland		
14. Mid-Scotland		
15. N.E. Scotland		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0915 G.M.T. G. C. SIMPSON, F.R.S., Director.

† Forecasts see page 1

T Trace = rain has fallen, but amount less than 0.1 mm.


SYNOPTIC CHART FOR 7h. MONDAY, 20TH MAY, 1929.
Scale - 1/10,000,000
Nautical Miles
Statute Miles
LOW
1008
1010
1012
1014
1016
1018
1020
1022
1024
Barometer rising
Barometric changes
HIGH
LOW
Bar. rising slowly
Light
All times are G.M.T. Add one hour to get summer time.
BALTIC
AQUITANIA
LANCASTRIAN
EXPLANATION.
BAROMETER.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.
SEA DISTURBANCE.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION....Monday, 20th May,.....1929. No. 140.

Stations	Height above M.S.L. in feet	Observations at 1h. G.M.T. 20th: Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	1018·6	0	W	2	c	48	85	7	1500	St Cu	4	a Cu	8
Stornoway	30	1021·7	-1	-	0	bc+	•	•	7	•	•	•	•	7
Wick	81	1020·3	-1	WNW	2	bc	49	85	8	1500	St	4	Ci St	6
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	52	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1023·2	-1	NW	1	bc	49	97	5	5700	St Cu	3	-	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	180	1021·9	-1	W	1	bc	46	92	7	1500	St	1	a Cu	3
Lenchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1022·0	-2	-	0	c+	45	97	7	2500	St Cu	8	-	8
Blacksod Point	18	1022·6	0	-	0	b	51	92	6	•	-	0	-	0
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	30	1020·7	-1	-	0	b	50	75	7	-	-	0	Ci St	1
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	39	1022·5	0	ESE	1	b	43	97	7	-	-	0	a St	1
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	238	1023·5	0	-	0	b	36	85	7	-	-	0	Ci	1
Gorleston	14	1022·3	-1	ENE	3	b	45	85	7	-	-	0	-	0
Valentia (Cahirciveen)‖	30	1023·0	-1	NNW	2	b	51	92	6	-	-	0	-	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	160	1020·3	+1	N	1	b	50	85	7	-	-	0	-	0
Ross-on-Wye	222	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	257	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	46	•	•	•	•	•	•	•
Croydon	244	1021·6	0	ENE	2	b-	43	85	7	-	-	0	-	0
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1020·4	+1	NE'N	4	b-	44	92	7	-	-	0	-	0
Scilly (St. Mary's)	163	1020·6	0	NNE	3	b	50	97	7	-	-	0	-	0
Falmouth (Pendennis)	200	1019·6	0	N	2	bc-	51	85	6	4000	St Cu	3	-	3
Plymouth (Cattewater)	62	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1020·7	0	NE	2	b	48	65	8	1500	St Cu	1	-	1
Southampton (Calshot)	10	1021·1	0	NE	1	b	48	75	8	-	-	0	-	0
Dungeness	30	1020·0	+1	NE	2	b-	48	92	8	-	-	0	-	0
Guernsey (Fort George) ‖	295	1020·0	0	NNE	3	b-	49	80	7	-	-	0	-	0

Stations	Observations at 7h. G.M.T. 20th: Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-9
Lerwick	1018·7	+1	NW	1	o	47	97	5	800	St	10	-	10	•
Stornoway	1021·6	0	-	0	c	52	85	8	4000	Cu Nb	6	a Cu	8	0
Wick	1020·5	+1	NNW	4	mmc	48	97	4	450	St	10	-	10	1
Tiree	1021·8	0	N	1	ff b	48	97	3	-	-	0	-	0	1
Nairn	1021·1	•	-	0	bc	53	75	7	1500	St	2	a Cu	5	•
Aberdeen	1020·6	+1	NW	2	c	56	75	7	5700	St Cu	3	a Cu	8	0
Malin Head	1023·0	0	NW	1	o	49	97	5	450	St	10	-	10	0
Renfrew	1021·5	0	-	0	fbc-	47	92	3	-	-	0	a Cu	6	•
Edinburgh (Inchkeith)	1021·2	0	SW	3	bc	46	85	7	800	St	2	a Cu	6	1
Lenchars	1020·7	0	WSW	2	bc-	54	75	7	-	-	0	a Cu	3	•
Eskdalemuir	1021·6	0	-	0	bc	50	75	7	4000	St Cu	7	-	7	•
Tynemouth	1021·0	-1	W	1	bc	51	75	5	800	St	3	Ci	4	0
Blacksod Point	1022·1	0	-	0	c	50	92	7	•	-	0	A St	10	1
Donaghadee	1021·6	0	NNW	2	bc-	50	85	7	4000	St Cu	2	Ci Cu	4	•
Birr Castle	1021·7	•	SE	1	b	50	85	7	4000	Cu	2	-	2	0
Holyhead	1020·7	0	W'S	1	c	56	65	6	-	-	0	a Cu	5	•
Liverpool (Bidston)	1021·5	0	SE'E	4	b	50	65	6	-	-	0	-	0	•
Chester (Sealand)	1021·3	0	SE'S	3	b	48	75	6	-	-	0	-	0	
Harrogate	1021·7	-1	S	2	b	52	65	6	-	-	0	a Cu	1	•
Spurn Head	1022·1	0	-	0	mmc	43	97	4	1500	St	7	A St	10	0
Birmingham (Edgbaston)	1022·2	-1	SSE	1	b	54	55	6	-	-	0	-	0	•
Cranwell	1023·2	0	W'S	1	b	48	65	8	-	-	0	Ci	1	0
Gorleston	1022·0	0	NE'E	2	bc	48	75	7	-	-	0	Ci Cu	3	
Valentia (Cahirciveen)‖	1022·1	0	-	0	b	48	92	7	-	-	0	Ci St	1	0
Roches Point	1022·2	+1	N	2	b	51	92	8	-	-	0	-	0	0
Pembroke (St. Ann's H.)	1021·1	+1	ESE	1	b	53	75	7	-	-	0	Ci	2	0
Ross-on-Wye	1021·7	0	NNE	2	b	50	65	8	-	-	0	Ci	1	•
Leafield	1021·4	0	N	1	b	46	75	8	-	-	0	Ci	2	•
Winchester (Worthy Dn.)	1020·6	0	NE	2	b	50	65	8	-	-	0	Ci St	2	•
S. Farnborough	1021·0	0	ENE	2	b+	49	75	6	-	-	0	Ci	2	•
London (Kew Obsy.)	1021·6	0	NE	2	b	49	75	6	-	-	0	Ci	1	•
Croydon	1021·4	0	E'N	2	b-	47	85	6	-	-	0	Ci	1	•
Shoeburyness	1021·7	0	NE	2	c+	48	97	7	4000	St Cu	9	-	9	•
Clacton-on-Sea	1021·4	0	NNE	3	bc	45	85	7	-	-	0	Ci	4	2
Felixstowe	1021·8	0	NE	3	b	48	85	7	-	-	0	Ci	2	1
Lympne	1020·6	+1	N'E	4	c	46	97	6	800	St	9	-	9	•
Scilly (St. Mary's)	1020·2	0	NE	1	b	53	92	6	-	-	0	Ci	1	1
Falmouth (Pendennis)	1020·1	0	-	0	bc	52	85	7	4000	St Cu	3	-	3	0
Plymouth (Cattewater)	1020·7	0	ENE	2	b	54	55	8	-	-	0	Ci	1	0
Portland Bill	1020·1	0	NE	4	bc+	51	65	8	1500	St Cu	2	Ci	3	1
Southampton (Calshot)	1021·0	0	NE'N	1	b+	52	75	8	-	-	0	A Cu	1	0
Dungeness	1020·4	-1	NNE	2	bc+	50	85	7	1500	St	3	Ci	6	2
Guernsey (Fort George) ‖	1019·5	0	NE	3	b	60	92	7	2500	Cu	1	A Cu	2	1

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19th May

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-18th to 9h.-19th. °F.	Temperature. Max. 9h.-17th.-19th. °F.	Rainfall.† Night 17h.-9h. 18th-19th. mm.	Rainfall.† Day 9h.-17h. 19th. mm.	Sunshine. Sunrise to 17h. 19th. hr.	Sunshine. Sunrise to Sunset. 18th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	c	c	42	53	-	-	4·8	1·9
Douglas (I. o. M.)	c	bc	44	63	Trace	-	4·5	8·6
Llandudno	bc	bc	46	62	Trace	-	8·6	13·5
Colwyn Bay	cb	bbc	49	61	-	-	8·0	11·7
Rhyl	b	b	48	66	-	-	9·8	12·9
Wallasey	bcb	b	45	66	-	-	9·2	7·1
Southport	bc	bz	50	68	-	-	9·2	9·4
Blackpool	cbc	bcb	50	66	-	-	9·0	11·2
Ilkley	b	b	43	65	-	-	10·5	6·5
Cleethorpes	b	b	48	54	-	-	12·6	0·0
Skegness	cb	b	44	55	-	-	11·3	0·0
Aberystwyth	bcb	bbc	46	66	-	-	9·7	13·8
Bath	b	b	47	67	-	-	11·6	6·5
Cheltenham	b	by	45	67	-	-	12·2	6·7
Leamington Spa	b	b	43	65	-	-	12·8	3·2
Lowestoft	b	b	45	53	-	-	11·3	1·1
Harwich & Dovercourt	bv	bcv	46	55	-	-	12·5	5·5
Maldon	b	b	43	69	-	-	12·0	2·6
Southend	b	b	43	58	-	-	12·0	2·4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Buxton	woc	cbc	38	58	-	-	3·2	12·8
Penzance	b	bz	44	60	-	-	6·4	2·7
Paignton	omoc	bcbby	44	65	-	-	3·3	4·3
Torquay	ozobc	b	48	63	-	-	3·5	4·8
Jersey	oc	bc	45	61	-	-	3·6	8·3
Weymouth	cb	b	49	64	-	-	8·7	6·8
Bournemouth	b	b	49	66	-	-	11·0	6·3
Ventnor	bz	bz	46	62	-	-	11·5	7·7
Portsmouth (S'thsea)	b	b	48	67	-	-	12·1	7·1
Bognor	b	b	47	65	-	-	12·2	7·0
Littlehampton	b	b	46	64	-	-	12·5	7·6
Worthing	b	b	47	63	-	-	12·3	6·1
Brighton	b	b	46	65	-	-	12·4	5·7
Eastbourne‡	b	bbc	45	61	-	-	12·3	4·7
Hastings‖	b	bbc	45	60	0·1	-	12·4	4·5
Folkestone	b	b	46	58	-	-	12·0	0·8
Dover	b	b	46	56	-	-	12·3	0·3
Tunbridge Wells	b	b	42	59	-	-	12·0	3·1
Ramsgate	b	b	45	54	-	-	12·2	0·3
Margate	b	b	44	52	-	-	12·2	0·2
Deal	b	b	45	56	-	-	12·3	0·7

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ‡ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24652 Tuesday 21st May 1929.

Observations at 18h. G.M.T. 20th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1018·1	0	NW	2	c	51	85	7	1500	StCu	5	A St	10	•
Stornoway	1020·5	-1	SW	1	bc+	56	75	8	4000	Cu	6	–	6	•
Wick	1020·5	0	NNW	3	c	57	87	8	1500	StCu	8	Ci St	10	•
Tiree	1020·5	-1	N	1	bc	55	85	8	2500	Cu	5	–	5	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1020·3	-1	ENE	3	b	54	85	6	–	–	0	a Cu	2	0
Malin Head	1022·1	-1	NE	2	c	52	85	5	–	–	0	Ci Cu	8	•
Renfrew	1019·7 ~~1020·1~~	-1	W	1	c⊕	67	55	7	4000	Cu	3	Ci St	10	0
Edinburgh (Inchkeith)	1019·7	-1	ENE	2	bc	58	65	7	1500	St	3	A Cu	5	•
Leuchars	1020·2	0	ESE	3	bc+	53	65	7	–	–	0	Ci Cu	4	0
Eskdalemuir	1019·1	-1	W	2	bc	64	45	7	4000	StCu	5	A Cu	7	1
Tynemouth	1020·7	0	E	1	b	56	65	6	–	–	0	A Cu	1	•
Blacksod Point	1020·9	0	–	0	b	57	85	7	•	Cu	2	–	2	•
Donaghadee	1021·1	-1	ENE	1	b-	50	85	6	–	–	0	Ci St	2	•
Birr Castle	1020·1	•	SW	1	bc	67	55	8	2500	Cu	3	–	3	•
Holyhead	1020·6	0	SW'W	1	b	60	55	8	–	–	0	Ci Cu	2	0
Liverpool (Bidston)	1020·5	-1	NW	3	b	61	55	8	–	–	0	A Cu	2	•
Chester (Sealand)	1020·2	-2	NW'W	3	b	64	45	7	4000	Cu	1	–	1	0
Harrogate	1019·8	-1	SSE	2	c+	64	45	7	–	–	0	A Cu	9	•
Spurn Head	1021·6	0	S'E	3	b-	50	85	7	5700	StCu	2	–	2	•
Birmingham (Edgbaston)	1020·5	-1	N	1	b	64	35	8	–	–	0	–	0	1
Cranwell	1022·5	-1	NW	1	b	63	35	8	4000	Cu	1	–	1	0
Gorleston	1021·7	0	NE	2	b	55	85	7	–	–	0	–	0	•
Valentia (Cahirciveen)	1020·9	-1	NW	3	b	58	75	8	2500	Cu	1	Ci	2	0
Roches Point	1021·1	-3	SW	2	bc	58	85	9	4000	StCu	4	–	4	•
Pembroke (St. Ann's H.)	1020·9	0	SE	1	b-	55	75	7	–	–	0	–	0	•
Ross-on-Wye	1020·1	-1	SSE	2	b	63	45	8	–	–	0	–	0	0
Leafield	1020·1	-1	N'E	2	b	59	45	9	–	–	0	Ci St	1	0
Winchester (Worthy Dn)	1019·4	-2	NNW	2	b	62	45	8	–	–	0	–	0	0
S. Farnborough	1019·8	-1	N'E	1	b	64	35	6	–	–	0	–	0	0
London (Kew Obsy.)	1020·4	-3	NE	2	b	62	35	7	–	–	0	–	0	0
Croydon	1019·9	-2	N'E	1	b-	63	45	8	–	–	0	Ci	1	0
Shoeburyness	1021·2	0	E	3	b	56	85	8	5700	Cu	1	–	1	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1021·0	-1	ENE	4	b-	54	75	8	4000	Cu	1	–	1	0
Lympne	1019·9	0	NNE	2	b	59	55	8	4000	Cu	1	Ci	2	0
Scilly (St. Mary's)	1020·2	0	SE	2	b	59	75	7	–	–	0	–	0	•
Falmouth (Pendennis)	1019·8	-1	SSE	1	b	56	65	8	4000	Cu	1	Ci	2	•
Plymouth (Cattewater)	1020·1	-1	WSW	3	b	57	65	8	4000	Cu	1	–	1	0
Portland Bill	1020·4	0	NE	1	b	58	75	8	–	–	0	–	0	•
Southampton (Calshot)	1020·1	-1	SSE	3	b	60	75	8	4000	Cu	1	Ci	2	0
Dungeness	1020·4	+1	E	2	bc	56	75	8	2500	Cu	3	Ci St	7	•
Guernsey (Fort George)	1019·7	-1	NE	2	b+	52	85	7	1500	Cu	2	–	2	•

Observations at 18h. G.M.T. 20th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1017·1	-1	NNW	2	bc	50	75	7	1500	StCu	6	A Cu	8	•
Stornoway	1019·0	-2	SW	1	bc	54	75	8	4000	Cu	4	–	4	0
Wick	1019·2	-1	NNW	3	bc	53	85	8	2500	StCu	2	Ci St	6	0
Tiree	1019·5	-1	N'W	1	bc	54	85	8	2500	Cu	3	–	3	1
Nairn	1018·1	•	E	1	bc	58	65	7	2500	StCu	5	–	5	•
Aberdeen	1019·4	-2	–	0	or₀	49	92	5	1500	Nb	10	–	10	0
Malin Head	1020·3	-1	NE	2	bc-	51	85	7	–	–	0	A Cu	6	0
Renfrew	1018·1	-2	WNW	2	bc⊕	64	55	8	4000	Cu	1	Ci St	7	•
Edinburgh (Inchkeith)	1018·2	-2	NNE	2	c	50	82	7	800	St	4	A Cu	8	0
Leuchars	1019·2	-1	E	2	f₀	47	87	3	220	St	10	–	10	•
Eskdalemuir	1017·9	-1	SW'W	3	bc	61	45	8	5700	CuNb	6	–	6	•
Tynemouth	1018·5	-2	E	1	b	52	75	7	–	–	0	A Cu	2	0
Blacksod Point	1019·9	-1	W	2	bc	55	85	7	•	Cu	7	–	7	1
Donaghadee	1019·4	-2	NNE	1	bc+	51	85	6	4000	StCu	2	Ci St	4	1
Birr Castle	1017·9	•	WSW	1	bc	67	55	7	5700	Cu	7	–	7	•
Holyhead	1018·8	-2	SSW	1	bc+	56	75	8	5700	StCu	4	Ci Cu	4	0
Liverpool (Bidston)	1018·9	-2	NW	2	bc+	56	75	7	–	–	0	A Cu	3	•
Chester (Sealand)	1018·8	-1	NW'N	3	b	60	65	7	–	–	0	Ci St	1	•
Harrogate	1018·3	-1	SSE	2	b	63	45	7	–	–	0	A Cu	1	•
Spurn Head	1019·8	-1	S	3	b	48	85	7	–	–	0	A St	1	1
Birmingham (Edgbaston)	1018·7	-2	ENE	2	b	64	35	8	–	–	0	–	0	•
Cranwell	1020·7	-1	E'S	3	b	60	55	8	–	–	0	–	0	•
Gorleston	1020·4	-2	ENE	3	b	52	75	7	–	–	0	–	0	0
Valentia (Cahirciveen)	1019·6	-2	WNW	3	bc	56	75	8	1500	Cu	1	Ci Cu	3	0
Roches Point	1019·6	-3	SW	2	bc	59	85	8	4000	StCu	3	–	3	0
Pembroke (St. Ann's H.)	1019·3	-3	W	1	b	57	65	8	–	–	0	–	0	0
Ross-on-Wye	1018·3	-2	E	2	b	69	45	8	–	–	0	–	0	•
Leafield	1018·7	-2	E	1	b	60	45	9	–	–	0	–	0	•
Winchester (Worthy Dn)	1018·2	-1	N	2	b	64	35	8	–	–	0	–	0	•
S. Farnborough	1018·3	-1	NE	1	b	65	35	7	–	–	0	–	0	•
London (Kew Obsy.)	1019·0	-1	NNE	1	b	65	35	8	–	–	0	–	0	•
Croydon	1018·7	-1	ESE	2	b	63	55	8	–	–	0	–	0	•
Shoeburyness	1020·4	-1	E	3	b	54	75	8	–	–	0	–	0	•
Clacton-on-Sea	1020·2	0	ENE	4	b	54	65	7	–	–	0	–	0	2
Felixstowe	1020·4	-1	NE'E	3	b	52	75	8	–	–	0	–	0	3
Lympne	1019·4	0	NNE	3	b	56	55	8	–	–	0	–	0	•
Scilly (St. Mary's)	1020·2	0	–	0	b	58	65	7	–	–	0	–	0	0
Falmouth (Pendennis)	1019·0	-1	–	0	b	55	75	8	–	–	0	–	0	0
Plymouth (Cattewater)	1019·2	-1	SW	3	b	55	65	8	5700	Cu	1	–	1	0
Portland Bill	1019·0	-2	SW	1	b	53	75	8	1500	StCu	1	–	1	0
Southampton (Calshot)	1019·1	-1	SWW	2	b	60	55	8	–	–	0	–	0	0
Dungeness	1019·3	-1	ENE	3	b	53	75	8	–	–	0	–	0	2
Guernsey (Fort George)	1019·1	-1	NE	1	b	53	75	7	–	–	0	–	0	0

LONDON OBSERVATIONS.

Day 7h.-18h., Kew & Croydon. 9h.-18h., Kensington. 9h.-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility.
Kew	18	bz₀by	by	bm₀w	65	41	29	–	–	14·2	•	•	5
Croydon	244	bz₀y	by	bwbz₀	65	40	36	–	–	14·0	•	•	6
Greenwich (Royal Obsy.)	149	by	by	bwby₂	68	37	24	–	Tr	14·4	42	53	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	13·4	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	67	44	–	–	–	13·9	43	56	•
Regent's Pk. (Botanic Gdns.)	188	•	•	•	•	•	•	•	•	13·8	•	•	•
Camden Square	116	b	b	•	70	44	–	–	–	•	•	54	•
Kensington Palace	80	b	b	•	67	42	34	–	–	•	(At 18h.) 59	59	•
Hampstead Observatory	450	•	•	•	64	43	32	–	–	14·2	•	62	•

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 21st

South Kensington Max.	Time.	Min.	Time.
1·3	7hr 21st	<0·3	15hr 20th

Kew Observatory Max.	Time.	Min.	Time.
0·2	6hr 21st	<0·1	17hr 20th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 20th 21h 15m to 21st 02h 30m

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	5·15	5·15	100
δ Ursæ Minoris	5·15	5·15	100

CODE FOR STATE OF GROUND.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Icing to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

21st to 22nd May, 1929.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3·51	11·49	19·49
	3·49	11·50	19·51
Greenwich	4·3	11·56	19·51
	4·1	11·56	19·53
Wick	3·37	12·9	20·42
	3·35	12·9	20·44
Valentia	4·42	11·37	20·34
	4·40	11·37	20·36

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening skys
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain. rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.
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.

THE BEAUFORT SCALE of WIND

is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell } Calm or slight sea.
2 = heavy swell } Calm or slight sea.
3 = no swell } Moderate sea.
4 = mod. swell } Moderate sea.
5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

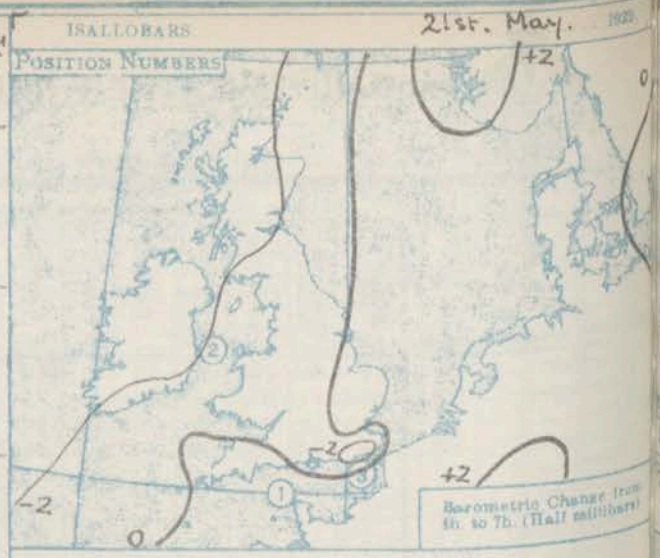
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at 66 yards.
0. Dense fog.	
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles
5. Poor visibility.	2½ "
6. Moderate.	6½ "
7. Good.	13½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† Trace of rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 20th	Weather. 18h.-18h. 20th	Weather. 18h. 20th to 1h. 21st	Weather. 1h.-7h. 21st	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min on Grass	Rainfall† Day. 7h.-18h. mm	Rainfall† Day. 7h.-18h. began.	Rainfall† Night. 18h.-7h. mm	Rainfall† Night. 18h.-7h. began.	Sun 20th Hours.
Lerwick	c	c	cmm	c	52	44	•	–	–	–	–	0·2
Stornoway	c	b-bc	b-bc	b-bc	57	38	•	–	–	–	–	10·2
Wick	am_0c	b-bc	b-bc	b-bc	59	39	•	–	–	–	–	•
Tiree	m_0oc	bc	bc	bcc	57	42	34	–	–	–	–	9·3
Nairn	bcb	bbc	bNw	bc	61	41	•	–	–	–	–	9·6
Aberdeen	$cbcba_0$	$bz_0m_0ir_0$	oci_0orm	mfefe	57	43	35	0·1	14·30	2	21·00	3·1
Malin Head	ocz_0z_0	cffbbc	bcz_0z_0	$bcirbcz_0$	54	45	•	–	–	1	03·30	6·0
Renfrew	$bcbz_0cy$	cy	bcz_0w	coz_0w	69	46	44	–	–	–	–	11·2
Edinburgh (Inchkeith)	b-bc	bc'c	coFFm_0	om_0fe	61	44	45	–	–	Tr	–	10·9
Leuchars	bbc	bbc of	$feom_0e$	om_0e	61	44	44	–	–	–	–	11·3
Eskdalemuir	bcy	bcy	bcyc	$cbcbm_0$	67	39	36	–	–	–	–	8·4
Tynemouth	bcb	bbc	bbcc	cbcim	58	48	37	–	–	–	–	•
Blacksod Point	b	bc	bc	bc	58	46	•	–	•	–	•	•
Donaghadee	$ifbm_0$	$bifm_0$	bcm_0	bcm_0	54	44	•	–	–	–	•	•
Birr Castle	by	bgcy	cr_0c	cf	68	45	35	–	–	Tr	22·00	9·2
Holyhead	bcz_0cb	b	bcwbm_0	bcbw	63	48	43	–	–	–	–	9·9
Liverpool (Bidston)	z_0by	ybbbc	$bccm_0$	bwm	62	48	43	–	–	–	–	13·3
Chester (Sealand)	bz_0by	byb	bbcm	bmFm	66	38	35	–	–	–	–	14·0
Harrogate	bbcc	cb	b	b	65	45	39	–	–	–	–	13·0
Spurn Head	bcbf	b-bc	bbw	bbcw	51	45	•	–	–	Tr	21·00	10·6
Birmingham (Edgbaston)	b	b	b	b	68	46	30	–	–	–	–	13·3
Cranwell	by	by	by-b	b	67	35	28	–	–	–	–	13·8
Gorleston	bcb	b	b	bw	55	39	34	–	–	–	–	14·3
Valentia (Cahirciveen)	bbcb	bbc	bbc	$bcwz_0$	59	45	40	–	–	Tr	–	12·4
Roches Point	bbc	bc	bcbw	bw	62	46	•	–	–	Tr	–	•
Pembroke (St. Ann's H.)	b	b	b	bFf	58	46	•	–	–	–	–	14·0
Ross-on-Wye	bby	by	byz_0bw	bm_0w	66	40	30	–	–	–	–	14·5
Leafield	by	byv	b	b	62	40	26	–	–	–	–	14·0
Winchester (Worthy Dn.)	bbcy by	by	byb	bwb	65	36	28	–	–	–	–	14·7
S. Farnborough	bcby	by	bybw	bwm_0x	68	35	25	–	–	–	–	14·1
London (Kew Obsy.)	bz_0by	by	by	bm_0w	65	41	29	–	–	–	–	14·2
Croydon	bcz_0y	by	bybw	bwz_0	65	40	36	–	–	–	–	14·0
Shoeburyness	cb	b	b	bw	58	34	(33)	–	–	Tr	–	13·1
Clacton-on-Sea	bc	bcb	b	b	58	43	39	–	–	–	–	14·2
Felixstowe	bcb	b	b	b	55	39	29	–	–	–	–	14·0
Lympne	cm_0b	by	byb	bwb	60	40	30	–	–	–	–	12·5
Scilly (St. Mary's)	b	b	b	b	61	47	•	–	–	–	–	13·9
Falmouth (Pendennis)	bcb	b	b	b	58	45	•	–	–	–	–	14·5
Plymouth (Cattewater)	bbcy	b	b	bw	63	41	35	–	–	–	–	14·5
Portland Bill	b	b	b	b	58	46	•	–	–	–	–	•
Southampton (Calshot)	b	by	bybbw	$bwbwx_0$	66	42	37	–	–	–	–	14·3
Dungeness	bcbc	bcb	b	b	57	38	•	–	–	–	–	•
Guernsey	b	b	bw	b	55	46	•	–	–	–	–	14·0



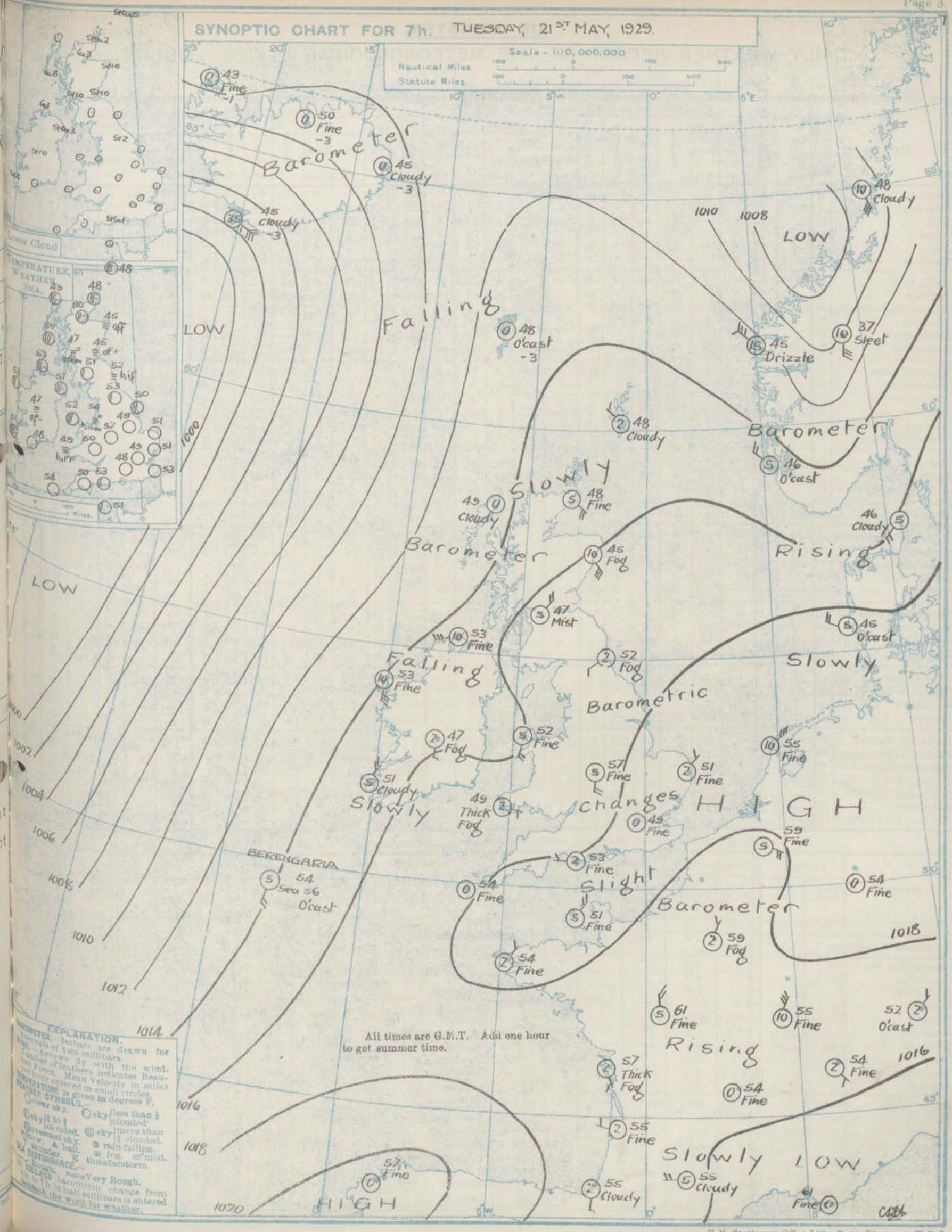
Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	20th 10h	HIBERNIA	–	0	b	51	49	

General Inference.

A depression south of Iceland is moving northeast while barometric pressure over the British Isles continues relatively uniform. In Ireland and Scotland conditions will be cloudier than of late with perhaps some local rain or drizzle late in the period, elsewhere conditions will be mainly bright, but some increase in cloud is not improbable.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Tuesday, 21st May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light variable winds becoming south or southwest, fine, warm.	
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Light to moderate south to southwest winds, bright becoming cloudy, rather warm.	The development of thundery conditions is not improbable.
12. S.W. Scotland & Isle of Man 13. {N.W. Scotland / N.N.W. Scotland}	Light to moderate south to southwest winds, mainly cloudy, probably some light rain or drizzle, rather warm or moderate temperature.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Light to moderate south to southwest winds, bright becoming cloudy, probably some light rain or drizzle tomorrow, rather warm or moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind south to southwest, light to moderate, fresh locally veering towards west tomorrow, cloudy, probably some light rain or drizzle, showers with perhaps local thunder tomorrow rather warm to moderate temperature.	B.C.R.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Tuesday, 21st May.....1929. No. 141

Stations	Height above M.S.L. in feet	Observations at 1h. G.M.T. 21st: Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 7h. G.M.T. 21st: Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-9
Lerwick	54	1016·1	-1	-	0	c	48	85	7	1500	StCu	5	ASt	9	1015·2	-1	NW	1	c	48	75	8	1500	StCu	5	ASt	9	•
Stornoway	30	1016·5	-3	-	0	bc-	•	•	7	•	•	•	•	4	1013·3	-2	-	0	c+	49	92	8	—	—	0	CiSt	10	0
Wick	81	1017·2	-3	NNW	1	bc	40	97	8	4000	StCu	1	CiSt	3	1015·2	-2	SE	2	bc	48	97	8	2500	StCu	2	CiSt	4	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·6	-3	S	3	c	50	92	8	2500	Cu	8	—	8	2
Nairn	52	•	•	•	•	•	•	•	•	•	•	•	•	•	1014·6	•	—	0	bc-	50	85	7	2500	Cu	3	—	3	•
Aberdeen	87	•	•	•	•	•	•	•	•	•	•	•	•	•	1016·0	-1	SSE	3	ffo	45	97	3	<150	St	10	—	10	0
Malin Head	81	1017·3	-3	N	1	bc	48	92	6	-	-	0	CiCu	5	1014·8	-2	WSW	3	bc	53	92	5	4000	Cu	1	CiCu	4	2
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1016·7	-2	NE	2	mmo	47	97	4	450	St	10	—	10	•
Edinburgh (Inchkeith)	100	1017·8	-1	ENE	1	0	45	97	6	800	St	10	-	10	1016·1	-3	NE	1	fo+	45	97	1	<150	St	10	—	10	0
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1016·1	-2	SE	1	o	47	92	5	450	St	10	—	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1016·4	-1	SE	2	b	51	99	6	—	—	0	ACu	1	•
Tynemouth	87	1017·7	-1	W	2	c	50	65	6	4000	StCu	10	-	10	1016·5	-1	WSW	1	ifb	52	75	4	—	—	0	ACu	2	0
Blacksod Point ...	18	1016·3	-2	-	0	bc	50	85	67	•	StCu	6	-	6	1014·0	-2	S	3	bc	53	85	8	•					1
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1016·5	-2	SSE	1	bc-	51	92	6	4000	StCu	3	ACu	5	1
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1015·6	•	S	1	fo-	47	97	3	2500	St	10	—	10	•
Holyhead	36	1017·5	-1	S'W	1	bc+	49	92	6	4000	StCu	6	aCu	7	1015·9	-1	S'W	2	bc+	52	85	6	—	—	0	ACu	5	0
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1016·9	-1	SE'E	2	mmb	54	75	4	—	—	0	—	0	•
Chester (Scalaud) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·1	-1	SE'S	1	mb-	48	92	4	—	—	0	—	0	
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·1	-1	S'E	2	b	53	75	5	2500	St	2	—	2	•
Spurn Head	39	1018·7	0	SSW	3	b	48	97	7	-	-	0	-	0	1018·1	0	SW'S	3	bc	50	85	7	—	—	0	CiCu	3	•
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·8	-1	S	2	b	57	55	7	—	—	0	—	0	•
Cranwell	236	1020·0	0	SSE	2	b	39	92	6	-	-	0	-	0	1019·2	-1	SE	2	b	49	75	6	—	—	0	—	0	
Gorleston	14	1019·8	-1	-	0	b	45	85	7	-	-	0	-	0	1019·7	0	NE	1	b	51	75	7	—	—	0	—	0	0
Valentia (Cahirciveen) P	30	1017·4	-1	W	2	b	50	97	7	-	-	0	Ci	2	1015·6	-3	NE'N	2	c	51	92	6	1500	St	4	ACu	8	1
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·3	0	N	2	b	48	97	7	—	—	0	—	0	0
Pembroke (St. Ann's H.)	160	1018·4	-1	SSW	1	b	51	97	7	-	-	0	-	0	1017·1	-1	ESE	1	FFb	49	75	1	—	—	0	—	0	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·8	-1	W'S	1	b	50	75	6	—	—	0	—	0	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·8	-1	S	2	b	49	65	8	—	—	0	—	0	
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1018·5	0	-	0	b	47	85	8	—	-	0	—	0	•
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1018·7	0	-	0	b	48	75	5	—	—	0	—	0	•
London (Kew Obsy.) ...	18	•	•	•	•	•	48	•	•	•	•	•	•	•	1019·2	+1	-	0	b	49	75	5	—	—	0	—	0	•
Croydon	244	1019·5	0	SSE	1	b-	42	85	6	-	-	0	-	0	1019·1	0	-	0	b	51	65	5	—	—	0	—	0	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1019·7	0	NE'E	1	b	52	85	7	—	—	0	—	0	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1018·9	0	NE	3	b	51	75	7	—	—	0	—	0	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1019·3	0	NE	3	b	52	75	7	—	—	0	—	0	0
Lympne	350	1019·3	0	N'E	3	b	41	85	8	-	-	0	-	0	1018·3	-1	NNE	2	b	51	85	7	—	—	0	—	0	•
Scilly (St. Mary's) ...	163	1018·8	-1	-	0	b	49	92	8	-	-	0	-	0	1017·8	-1	-	0	b	54	75	7	—	—	0	—	0	1
Falmouth (Pendennis)	200	1019·0	-1	-	0	b	47	85	8	-	-	0	-	0	1018·3	0	NNE	1	b	49	92	7	5700	StCu	1	-	1	0
Plymouth (Cattewater)	89	•	•	•	•	•	•	•	•	•	•	•	•	•	1018·4	0	E	1	b	50	75	7	—	—	0	—	0	0
Portland Bill	52	1018·5	-1	W	1	b	49	85	8	1500	StCu	1	-	1	1018·0	0	W	1	b	53	75	8	1500	StCu	1	—	1	0
Southampton (Calshot)	10	1020·3	+1	SSW	1	b	51	85	8	-	-	0	-	0	1019·1	0	N'E	1	b	50	85	8	—	—	0	—	0	0
Dungeness	20	1018·5	-1	N	1	b	41	92	8	-	-	0	-	0	1018·1	-2	NE	2	b	53	85	8	—	—	0	—	0	1
Guernsey (Fort George) P	205	1019·6	0	-	0	b-	47	92	7	-	-	0	-	0	1018·4	0	NE	2	b	51	75	8	—	—	0	Ci	1	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20th May 1929

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-19th. to 9h. 20th. °F.	Temperature. Max. 9h.-17h. 20th. °F.	Rainfall.† Night 17h.-9h. 19th.-20th. mm.	Rainfall.† Day 9h.-17h. 20th. mm.	Sunshine. Sunrise to 17h. 20th. hr.	Sunshine. Sunrise to Sunset 19th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	bc	bc	42	63	—	—	10·1	4·8
Douglas (I. o. M.) ...	bc	bc	49	63	-	-	9·7	6·7
Llandudno ...	bcb	b	47	65	—	—	11·9	10·8
Colwyn Bay ...	b	b	48	60	—	—	11·7	10·4
Rhyl	b	b	44	61	—	—	11·9	12·0
Wallasey	bzb	b	47	63	—	—	12·0	10·6
Southport	b	bbcb	*42	65	—	—	11·8	10·9
Blackpool	cbc	bcc	44	64	-	-	11·5	10·1
Ilkley	b	b	37	66	—	—	9·6	12·1
Cleethorpes... ...	ob	b	37	52	—	—	8·1	14·9
Skegness	b	b	36	54	—	—	10·7	14·2
Aberystwyth ...	bcb	b	47	64	—	—	12·2	12·0
Bath	b	b	39	67	—	—	12·4	14·6
Cheltenham ...	b	by	41	68	—	—	12·3	14·6
Leamington Spa ...	b	b	38	65	—	—	12·8	14·6
Lowestoft	b	b	45	52	—	—	12·2	13·4
Harwich & Dovercourt	bcv	bv	40	55	—	—	12·4	14·8
Maldon	b	b	40	61	—	—	12·3	14·5
Southend	bcc	b	39	60	—	—	12·2	13·1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Buda	wb	b	41	62	-	-	12·0	4·5
Penzance	b	b	49	62	-	-	11·4	6·9
Paignton	by	b	44	62	-	-	12·1	5·6
Torquay	byz	by	49	63	-	-	12·1	5·7
Jersey	b	b	47	66	-	-	11·5	5·8
Weymouth	b	b	46	63	-	-	12·4	9·9
Bournemouth ...	b	b	40	64	-	-	12·3	13·0
Ventnor ...	bz	bz	45	62	-	-	11·9	13·2
Portsmouth (S'thsea)	b	b	45	65	-	-	12·0	14·5
Bognor	b	b	44	61	-	-	12·3	14·4
Littlehampton ...	bcb	b	43	63	-	-	12·5	14·8
Worthing	b	b	44	65	-	-	12·2	14·6
Brighton	b	b	45	63	-	-	12·3	14·6
Eastbourne‡	b	b	44	58	-	-	12·1	14·6
Hastings‡	b	b	44	61	-	-	11·6	14·4
Folkestone	b	b	44	59	-	-	12·3	14·2
Dover	b	by	45	62	-	-	10·1	14·3
Tunbridge Wells ...	b	b	40	66	-	-	10·4	14·3
Ramsgate	b	b	46	56	-	-	11·5	14·4
Margate	bcb	b	46	53	-	-	10·2	14·4
Deal	ccb	b	47	58	-	-	9·2	14·4

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 4.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24653. Wednesday 22nd May, 1929.

Observations at 13h. G.M.T. 21st (left) — Observations at 18h. G.M.T. 21st (right)

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea. 0-9
Lerwick	1014.8	-1	SE	1	c	51	75	8	1500	StCu	3	ASt	9	•	1012.5	-3	SE	1	bc	50	75	8	1500	StCu	3	CiSt	5	•
Stornoway	1010.7	-3	SW	1	C+	56	75	8	-	-	0	ASt	10	•	1006.3	-5	SW	1	c	55	85	8	-	-	0	CiSt	10	0
Wick	1013.1	-2	SE	2	ifo	49	92	3	460	St	10	-	10	•	1008.9	-5	SSE	2	c	48	97	7	2500	StCu	6	CiCu	8	1
Tiree	1011.0	-4	W'S	4	bc	58	85	8	4000	StCu	5	-	5	0	1006.1	-3	S	3	bc	66	85	8	2500	StCu	7	-	7	4
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.5	•	-	0	c+	53	85	7	1500	St	8	-	8	•
Aberdeen	1014.2	-2	SE	3	bc	49	85	6	450	St	7	-	7	1	1011.0	-4	S'E	2	b	54	75	6	-	-	0	-	0	0
Malin Head	1012.0	-7	E	2	C+	53	92	5	4000	CuNb	8	-	8	•	1005.4	-7	S'W	5	c	62	55	7	5700	StCu	8	ACu	9	2
Renfrew	1012.5	-5	SSW	3	bc	68	55	7	4000	Cu	3	ACu	4	0	1009.7	-3	SSW	4	bc	62	45	8	-	-	0	Ci	6	•
Edinburgh (Inchkeith)	1012.9	-3	NE	2	bc	51	92	6	450	St	4	ACu	6	•	1010.0	-3	S	2	bc	51	92	7	1500	St	3	ACu	5	0
Leuchars	1013.6	-3	E	2	bc	53	75	6	-	-	0	ACu	3	0	1010.2	-4	NE	1	bc+	55	75	6	6700	Cu	1	ACu	3	•
Eskdalemuir	1013.5	-2	SSW	4	b	64	45	8	-	-	0	Ci	1	1	1011.1	-3	SSW	4	bc+	58	45	8	-	-	0	Ci	4	•
Tynemouth	1014.5	-2	SE	2	bc/m	55	65	7	2500	St	4	Ci	5	•	1011.9	-2	SSE	2	bc-	53	75	7	1500	St	3	-	3	3
Blacksod Point	1009.6	-3	S	4	bc	55	75	8	•	CuNb	7	-	7	•	1003.3	-4	S	6	dpr0	54	75	7	•	CuNb	9	-	9	7
Donaghadee	1013.9	-2	S'E	3	bc	55	85	6	4000	Cu	1	CiSt	3	•	1010.5	-4	SSW	3	c-	56	75	7	4000	StCu	5	ACu	8	3
Birr Castle	1011.7	•	S	3	c	62	55	7	4000	Cu	4	CiSt	9	•	1008.9	-7	S	2	o+	56	75	6	2500	Nb	10	-	10	•
Holyhead	1014.6	-2	S'W	3	b	58	75	7	-	-	0	Ci	1	0	1011.9	-3	SSW	4	C+	52	85	6	800	St	1	ACu	8	1
Liverpool (Bidston)	1014.0	-3	SE'E	3	b+	69	35	7	2500	Cu	1	CiSt	2	•	1012.5	-1	NW	2	bc+	61	65	7	4000	StCu	5	CiSt	7	•
Chester (Sealand)	1014.5	-3	SSE	3	b	70	45	6	4000	Cu	<1	Ci	1	0	1012.7	-2	WNW	3	bc+	62	65	6	4000	Cu	5	Ci	7	•
Harrogate	1014.6	-3	SSE	3	b	68	35	7	-	-	0	-	0	•	1012.3	-2	S	2	b	66	35	7	-	-	0	Ci	1	•
Spurn Head	1016.7	-1	S'E	5	b	54	85	7	-	-	0	-	0	•	1013.6	-2	SSE	5	bc	60	92	7	-	-	0	ASt	4	3
Birmingham (Edgbaston)	1015.8	-2	S	2	b+	67	35	8	4000	Cu	1	-	1	0	1013.7	-2	SSW	3	b	67	45	8	4000	Cu	<1	Ci	1	•
Cranwell	1017.6	-1	S	3	b	69	35	7	-	-	0	-	0	0	1015.1	-2	SSW	3	b	67	35	7	-	-	0	-	0	•
Gorleston	1018.7	-1	SEE	3	b	54	75	6	-	-	0	-	0	•	1016.6	-2	SES	2	b	54	75	6	-	-	0	-	0	0
Valentia (Cahirciveen)	1011.7	-5	S'E	5	c	56	65	8	2500	St	8	ASt	9	0	1006.5	-7	S'E	6	cr0c0	53	85	7	1500	St	7	ASt	10	4
Roches Point	1014.8	-4	SW	3	c	55	85	7	2500	StCu	10	-	10	•	1011.8	-3	SW	3	c	64	92	7	1500	StCu	10	-	10	4
Pembroke (St. Ann's H.)	1016.2	-2	SSW	2	c/f	55	92	6	2500	StCu	9	-	9	•	1013.3	-3	S	3	bc-	53	85	7	2500	StCu	3	ACu	6	;
Ross-on-Wye	1015.5	-2	WSW	3	b	68	35	8	-	-	0	-	0	0	1013.9	-3	SW	3	b	63	45	8	-	-	0	Ci	2	•
Leafield	1015.9	-2	SSE	3	b+	65	35	8	4000	Cu	<1	CiSt	1	0	1014.0	-3	WSW	4	b	64	45	8	5700	Cu	<1	Ci	1	•
Winchester (Worthy Dn.)	1016.4	-3	SSE	2	b	67	45	8	-	-	0	-	0	0	1015.2	-2	S	3	b	63	45	8	-	-	0	-	0	•
S. Farnborough	1016.2	-4	S	1	b	70	35	7	7200	Cu	1	-	1	0	1015.1	-1	SSW	3	b	66	35	7	-	-	0	-	0	•
London (Kew Obsy.)	1017.0	-3	SW	3	b	67	35	8	-	-	0	-	0	0	1015.0	-2	S	3	b	70	45	8	-	-	0	-	0	•
Croydon	1017.0	-2	SE'S	2	b+	69	35	8	4000	Cu	1	-	1	0	1015.2	-2	SSW	3	b-	66	45	8	4000	Cu	1	-	1	•
Shoeburyness	1018.3	-1	E'N	2	b	68	75	7	-	-	0	-	0	•	1016.0	-4	ESE	2	b	68	75	7	-	-	0	-	0	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.4	-2	E	3	b	65	75	7	-	-	0	-	0	2
Felixstowe	1018.3	-1	E	2	b	55	75	8	-	-	0	-	0	0	1016.7	-2	E	1	b	55	75	8	-	-	0	-	0	0
Lympne	1017.5	-1	ESE	3	b	63	65	6	2500	Cu	1	-	1	0	1016.6	-1	SE	2	b	55	75	6	-	-	0	-	0	•
Scilly (St. Mary's)	1016.8	-1	SSE	2	bc+	61	65	7	-	-	0	CiSt	5	•	1014.8	-2	SSW	3	bc	56	86	6	-	-	0	CiSt	7	1
Falmouth (Pendennis)	1016.3	-2	S	2	bc+	59	75	7	4000	Cu	1	Ci	3	•	1014.4	-3	S	3	bc+	55	85	7	4000	StCu	3	ACu	6	0
Plymouth (Cattewater)	1017.4	-2	S	3	b	57	75	8	-	-	0	Ci	1	0	1015.2	-3	SSW	2	b+	56	75	9	-	-	0	Ci	2	0
Portland Bill	1018.4	0	NE	2	b	56	75	8	1500	StCu	1	-	1	•	1015.7	-2	NE	2	b	53	75	8	1500	StCu	1	Ci	2	0
Southampton (Calshot)	1017.8	-2	SSW	2	b	61	75	8	-	-	0	-	0	0	1016.3	-2	SWW	2	b	61	55	7	-	-	0	-	0	0
Dungeness	1018.0	+2	ESE	1	b	56	85	7	-	-	0	-	0	•	1016.3	-2	SE	1	b	53	85	7	-	-	0	-	0	1
Guernsey (Fort George)	1018.1	-1	SW	1	b	59	65	8	-	-	0	-	0	•	1016.5	-2	ENE	1	b	55	75	7	-	-	0	-	0	0

LONDON OBSERVATIONS. Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations.

Station	Heights above M.S.L. in feet	Weather Morning (24 hours ended 9h)	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 18h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility §
Kew	18	bz0,by	by	bybenz0	73	45	34	-	-	13.4	•	•	7
Croydon	244	bz0y	by	bz0b1b0	71	49	40	-	-	14.9	•	•	7
Greenwich (Royal Obsy.)	149	bz0y	bz0y	bcz0y	71	45	28	-	-	13.4	45	49	6
City (Bunhill Row)	60	•	•	•	•	•	•	•	•	11.8	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	72	47	-	-	-	12.8	35	52	•
Regent's Pk. (Botanic Gdns).	133	•	•	•	•	•	•	•	•	13.5	•	•	•
Camden Square	110	b	b	•	74	49	-	-	-	•	•	56	•
Kensington Palace	80	b	b	•	72	46	38	-	-	•	(At 18h 36)	58	•
Hampstead Observatory	450	•	•	•	70	46	37	-	-	14.0	•	65	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 22nd

South Kensington Max.	Time	Min.	Time
1.6	8hm 21st	<0.3	14hm 21st

Kew Observatory Max.	Time.	Min.	Time.
0.3	8hm 21st	<0.1	19hm 21st.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 21st 21 h. 15 m. to 22nd 03 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	5.15	5.15	100
δ Ursae Minoris	5.15	5.15	100

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Scaling to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

22nd May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.49 / 3.48	11.50 / 11.50	19.51 / 19.52
Greenwich	4.1 / 4.0	11.56 / 11.57	19.55 / 19.54
Wick	3.35 / 3.33	12.9 / 12.9	20.44 / 20.46
Valentia	4.40 / 4.39	12.37 / 12.38	20.36 / 20.37

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♛ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from prevailing conditions, thus:—bc/f = fair weather, mist (with); → = has decreased; ↑ = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0=no swell }
1=mod. swell } Calm or slight sea.
2=heavy swell }
3=no swell }
4=mod. swell } Moderate sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

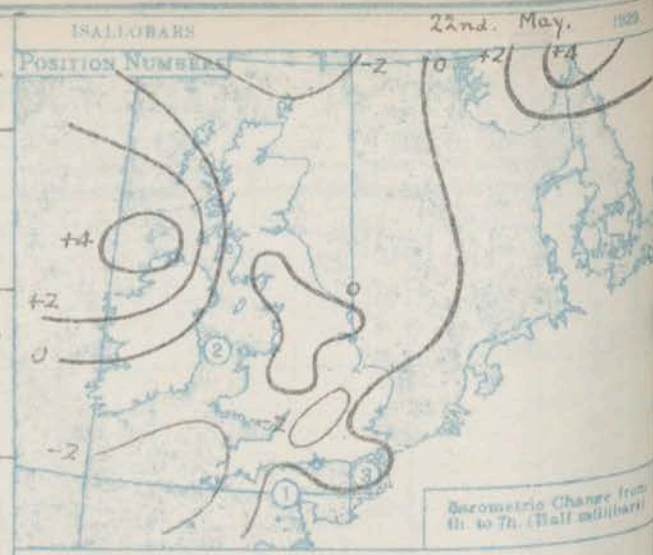
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

Code	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 miles	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 21st	13h.-18h. 21st	18h. 21st to 1h. 22nd	1h.-7h. 22nd	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on Grass	RAINFALL.† Day. 7h.-18h. rain	began.	Night. 18h.-7h. rain.	began.	SUN 21st Hours.
Lerwick	c	c bc	c bc	c m	53	47	.	-	-	-	-	6·9
Stornoway	b-bc	o	c	r-d	59	48	.	-	-	3	01·30	5·2
Wick	o i f	o i f c	o	c d dc	50	48	.	-	-	0.2	05 30	.
Tiree	c bc	bc c	o	o r r b	59	45	45	-	-	7	24·00	6·0
Nairn	bc o bc	bc g c	c b c q	b c q	58	50	.	-	-	-	-	6·1
Aberdeen	o f e f o m b z	b c b z	b c m	c	55	47	41	-	-	-	-	6·7
Malin Head	b c z z	b c c y	c	c i r c	64	47	.	-	-	2	24 00	3·4
Renfrew	o b z b c y	b c y q	b c y c	c o r r	69	49	46	-	-	4	02·30	9·2
Edinburgh (Inchkeith)	o f c m m	b-bc	b c c	c i r	52	51	45	-	-	Tr	05 30	7·7
Leuchars	b m b c m	b c z b z	b c c	c o-r c	56	49	40	-	-	1	04·30	3·4
Eskdalemuir	b m b y	b y	b c y b c	b c o d d m	64	42	38	-	-	1	03·30	12·5
Tynemouth	b b c m	b c	b c c	c o	59	49	39	-	-	-	-	.
Blacksod Point ...	b c	c	R c	b	57	47	.	-	.	13	.	.
Donaghadee	b c m	b c m c	c	i r i r	63	50	.	-	-	3	01·30	.
Birr Castle	b c y	c o	c i r	c i r	62	48	47	-	.	5	21.00	6·2
Holyhead	b c b z	b c m	c m	r r c d d	59	51	49	-	-	0.6	01·30	11·3
Liverpool (Bidston) ...	b m b y	b b c y	b c c m	c p m	70	51	49	-	-	0·3	05 30	10·9
Chester (Sealand) ...	b z	b b c z	b c c	c m	71	51	45	-	-	-	-	11·6
Harrogate	b	b	b	b b c c	69	49	41	-	-	-	-	13·1
Spurn Head	b	b b c	b c	b c c	55	47	.	-	-	-	-	13·8
Birmingham (Edgbaston)	b	b	b b c	b c c	69	49	46	-	-	-	-	13·7
Cranwell	b y	b y	b y c m	c b c	70	43	38	-	-	-	-	14·2
Gorleston	b	b	b	b b c	54	46	41	-	-	-	-	14·5
Valentia (Cahirciveen)	c z c	c d c r r	c r o r r c	c	58	47	45	0.4	16.30	13	21.00	3·6
Roches Point	b b c c	c	c e r r	c r c r	58	50	.	-	-	7	24·00	.
Pembroke (St. Ann's H.)	b f f b c	c m b c	b c c	c r r	57	50	.	-	-	0.6	01 30	8·6
Ross-on-Wye	b b c b y	b c	b y b e w c	c w	69	49	43	-	-	-	-	14·2
Leafield	b y	b y	b b c	b c c	67	41	36	-	-	-	-	14·1
Winchester (Worthy Dn.)	b y	b y	b y b	b b c c	68	43	36	-	-	-	-	14·4
S. Farnborough ...	b z b y	b y	b b w	b w b c	72	45	32	-	-	-	-	14·6
London (Kew Obsy.) ...	b z b y	b y	b y b c m	b c m b c z	73	45	34	-	-	-	-	13·4
Croydon	b z y	b y	b z	b z b c	71	49	40	-	-	-	-	14·9
Shoeburyness	b	b	b	b w b c	61	43	34	-	-	Tr	-	14·2
Clacton-on-Sea ...	b	b	b b c	b c w	57	50	42	-	-	-	-	14·4
Felixstowe	b	b	b	b b c	57	45	31	-	-	-	-	14·4
Lympne	b z b y	b z	b	b b c m	63	45	35	-	-	-	-	14·7
Scilly (St. Mary's) ...	b b c	b c	b c c	c p	61	52	.	-	-	Tr	01·30	12·3
Falmouth (Pendennis)	b b c z	b c z	b c z c	c m p q	60	50	.	-	-	Tr	05 30	11·3
Plymouth (Cattewater)	b	b v	b v c	c m e	59	50	47	-	-	-	-	13·3
Portland Bill	b	b	b b c	f z	58	49	.	-	-	-	-	.
Southampton (Calshot)	b m b	b y	b b c	b c	65	49	43	-	-	-	-	14·2
Dungeness	b	b	b	b b c	57	46	.	-	-	-	-	.
Guernsey	b y	b	b	b b c	62	51	.	-	-	-	-	13·9



Observations from Cross Channel Steamers.

Position.	Date and Time	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
2	21st 10h	HIBERNIA	S'W	3	fb	50	48	5
1	" 12h	ST HELIER	NE	2	b-	56	51	8
3	22nd 01h	DIEPPE	SSW	1	bc	53	48	T

GENERAL INFERENCE.

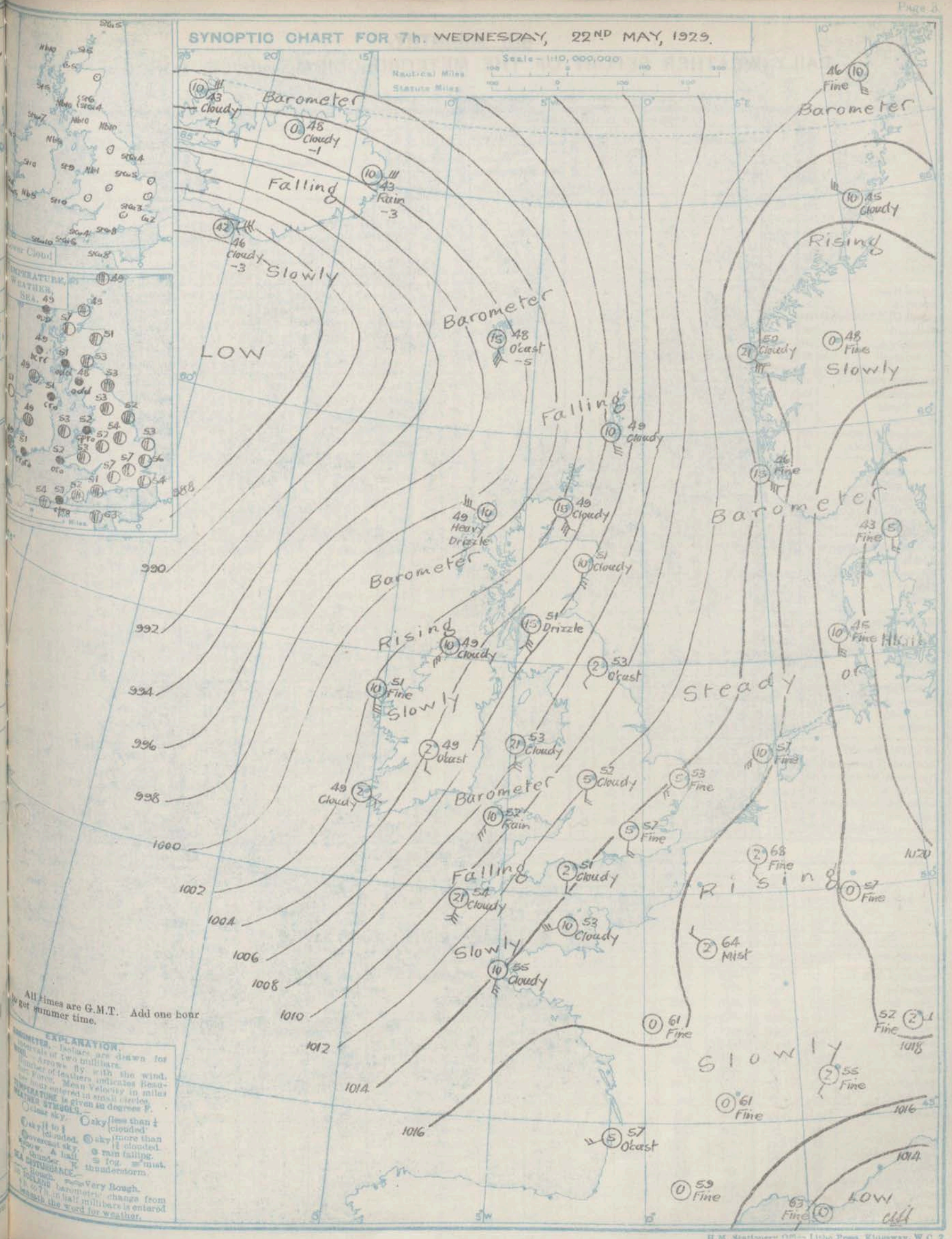
A deep depression is centred south of Iceland and secondaries will cross the British Isles. Winds will be south to southwest and weather unsettled but rain is not expected in the Southeast today.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Wednesday, 22nd May, 1929.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind south to southwest, freshening: cloud increasing, probably some rain tomorrow; warm today, cooler tomorrow.	Unsettled.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind south to southwest, moderate or fresh, strong at times locally; cloudy, rain at times; moderate temperature.	▼ South Cone hoisted at 16h. 20m. G.M.T. yesterday.
13. N.W. Scotland 14. Mid-Scotland	Wind southwest, backing south to southeast, moderate or fresh; bright intervals at first, rain later; moderate temperature.	
15. N.E. Scotland 16. Orkneys and Shetlands	As 4 - 12.	
17. N.W. Ireland ▼ 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland ▼	Wind south or southeast, veering southwest, fresh or strong at times locally; cloudy, some rain; showers and bright intervals tomorrow; moderate temperature.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For code see page 1. † Trace = rain has fallen, but amount less than 0·1 mm.

SYNOPTIC CHART FOR 7h. WEDNESDAY, 22ND MAY, 1929.



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

EXPLANATION.

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Arrows fly with the wind. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circle.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.—

○ clear sky. ◐ sky less than ½ clouded. ◑ sky ½ to ¾ clouded. ● sky more than ¾ clouded. ⊗ overcast sky. ● rain falling. ▲ snow. ▲ hail. ≡ fog. ≡ mist. ⚡ thunder. K thunderstorm.

SEA DISTURBANCE.—

Smooth. Rough. Very Rough.

TENDENCY. Falling barometric change from 0.01 in. in half millibars is entered beneath the word for weather.

H.M. Stationery Office—Little Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Wednesday 22nd May 1929. No. 142.

Stations.	Height Above M.S.L. in feet	Observations at 1h. G.M.T. 22nd: Barom. at M.S.L. mb.	Change in 3 Hours†	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility‡ 0-6	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Observations at 7h. G.M.T. 22nd: Barom. at M.S.L. mb.	Change in 3 Hours†	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility‡ 0-6	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sun 0-9
Lerwick	54	1008.0	-4	SSE	2	bc	48	92	8	1500	StCu	3	A St	6	1004.7	-3	S'E	3	c	49	85	6	1500	StCu	5	ACu	9	*
Stornoway	30	1001.3	-5	S	5	c	*	*	6	*	*	*	*	10	998.2	0	WNW	3	ooo	49	92	7	1500	Nb	10	—	10	2
Wick	81	1009.2	-4	SSE	3	bc	49	97	8	2500	StCu	3	Cu St	5	1002.2	-1	SSE	4	c	49	92	8	1500	St	5	A St	8	3
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1000.7	+3	WSW	3	berr	49	92	8	1500	St	5	ACu	7	4
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.0	*	SSW	4	bc-	57	65	8	4000	Cu	5	-	5	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.0	-1	SSW	3	c-	51	75	7	—	—	0	ACu	8	0
Malin Head	61	1000.3	-4	S	6	cr	51	92	7	2500	Nb	2	A St	10	1002.5	+4	SW	3	c-	49	85	8	4000	StCu	7	ACu	9	1
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.6	-2	SSW	4	odd	51	92	6	450	Nb	10	—	10	*
Edinburgh (Inchkeith)	199	1007.6	-3	S	1	c	53	65	8	4000	StCu	4	ACu	8	1005.2	-2	S	4	c	53	75	7	800	St	10	-	10	2
Lenchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.9	-1	SSE	3	c/r	53	75	7	2500	StCu	9	A St	10	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1007.5	+1	S'W	5	odd	48	92	6	800	Nb	10	-	10	
Tynemouth	87	1010.1	-2	SW	1	c+	53	75	6	800	St	9	-	9	1009.3	-1	SW	1	o	53	75	X5	800	Nb	10	—	10	1
Blacksod Point	18	999.2	-2	SW	4	c	49	75	7	*	—	0	A St	9	1002.0	+2	S	3	b	51	65	8	*	Cu	2	—	2	2
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.0	-1	SW	4	cr	51	92	7	2500	Nb	9	—	9	3
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.6	*	S	1	o/r	49	92	7	2500	St	10	—	10	*
Holyhead	30	1009.0	-3	S	4	c	52	85	6	1500	St	1	A St	10	1007.5	0	S	5	c/r	53	85	5	800	St	9	A St	10	4
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.4	0	S'E	3	c/pr	52	75	6	4000	Nb	1	A St	10	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.9	0	SSE	4	c	53	75	6	4000	StCu	8	A St	10	
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.1	0	S	1	c	53	75	5	-	—	0	A St	9	*
Spurn Head	39	1012.2	0	SSW	4	bc	50	92	7	4000	StCu	3	Cu Cu	4	1011.7	0	SW	4	c	52	85	7	4000	StCu	4	Cu Cu	9	2
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.3	0	SSW	2	c+	52	65	8	—	—	0	A St	9	
Cranwell	236	1014.0	-1	S	3	c+	46	85	6	-	—	0	Cu St	9	1013.0	0	S	3	c+	54	55	8	5700	StCu	5	ACu	9	
Gorleston	14	1014.7	-2	S'W	2	b	49	85	7	—	—	0	-	0	1014.4	0	SW'W	2	bc+	53	65	6	-	-	0	Cu St	5	0
Valentia (Cahirciveen) ‡	30	1005.0	+1	SSW	4	oR-	49	97	6	+	St	10	—	10	1002.9	-1	ESE	1	c+	49	92	8	1500	StCu	9	-	9	1
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.1	-1	SW	2	crr	51	97	7	1500	Nb	9	-	9	4
Pembroke (St. Ann's H.)	150	1011.3	-2	S	3	c+	52	92	7	2500	StCu	9	—	9	1008.7	-2	SW	3	or	52	92	6	800	St	10	-	10	3
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.0	-1	SW'S	2	c	53	75	7	—	—	0	A St	9	*
Lenfield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.9	-1	S	3	c	50	85	7	4000	StCu	7	A St	10	
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.8	-2	SSE	2	c	52	85	7	5700	StCu	5	ACu	9	*
S. Farnborough	287	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.7	-1	S	2	bc	57	65	6	—	—	0	ACu	7	*
London (Kew Obsy.)	18	*	*	*	*	*	47	*	*	*	*	*	*	*	1014.5	0	S'W	2	bc+	57	65	6	4000	StCu	3	Ci	4	*
Croydon	244	1016.2	-1	S'W	4	b+	50	65	6	—	-	0	ACu	1	1014.5	0	SSW	2	bc-	57	55	7	4000	Cu	1	Ci	5	
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.3	0	SSW	2	bc	57	75	7	—	—	0	Ci	6	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.2	0	SSW	2	bc	56	75	7	—	—	0	Ci	5	0
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.1	0	SW	1	bc+	57	65	7	2500	St	2	Ci	6	0
Lympne	350	1016.4	0	SW	2	b+	49	75	7	-	-	0	Ci	2	1015.2	0	SE'E	2	bc-	56	75	6	4000	Cu	1	Ci	5	*
Scilly (St. Mary's)	203	1012.7	-2	S'W	4	c	52	97	6	4000	StCu	10	-	10	1010.8	-2	S'W	5	c	54	92	6	4000	StCu	10	-	10	4
Falmouth (Pendennis)	200	1013.0	-1	SW'S	3	c	53	92	7	4000	StCu	7	Cu St	10	1010.6	-3	SSW	4	c/pr	53	92	6	4000	StCu	6	A St	10	1
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.5	-1	S	5	c⊕	52	97	6	4000	St Cu	4	A St	9	1
Portland Bill	37	1014.0	-2	S	1	c⊕	50	85	8	1500	StCu	3	ACu	8	1013.5	0	S	1	c	51	92	6	1500	StCu	8	ACu	10	1
Southampton (Calshot)	10	1015.1	-1	N'W	1	bc⊕	50	85	7	—	—	0	Cu St	6	1014.4	0	S'E	1	bc	54	85	7	—	—	0	ACu	7	0
Dungeness	20	1016.1	-1	NE	1	b	48	92	7	—	—	0	—	0	1014.5	-1	S	1	bc-	54	85	7	2500	Cu	2	Cu Cu	4	
Guernsey (Fort George) ‡	205	1015.8	0	SW	1	b-	54	75	8	—	—	0	—	0	1015.0	0	WSW	3	c+	53	85	7	4000	StCu	8	ACu	9	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 21st May

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 20th. to 9h. 21st	Temperature. Max. 9h. 20th. to 21st	Rainfall† Night 17h.-9h. 20-21st	Rainfall† Day 9h.-17h. 21st	Sunshine. Sunrise to 17h. 21st	Sunshine. Sunrise to Sunset, 20th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	foctc	eprc	43	58	-	Trace.	4.3	10.1
Douglas (I. o. M.)	b	bz	45	59	-	-	11.7	12.0
Llandudno	b	bcb	48	66	-	-	12.0	14.1
Colwyn Bay	b	b	47	65	-	-	11.3	13.7
Rhyl	b	bc	43	66	-	-	10.5	14.0
Wallasey	bzb	bbc	46	71	-	-	10.3	13.9
Southport	bz	bzbc	*45	66	-	-	10.7	14.0
Blackpool	bzb	bbc	44	66	-	-	10.7	11.6
Ilkley	b	b	44	71	-	-	10.8	10.2
Cleethorpes	b	b	37	65	-	-	11.6	10.3
Skegness	b	b	46	60	-	-	12.0	13.1
Aberystwyth	bcb	bbc	44	65	-	-	11.8	14.5
Bath	b	b	38	70	-	-	12.0	15.0
Cheltenham	b	by	43	72	-	-	12.5	14.4
Leamington Spa	b	b	39	71	-	-	12.5	14.3
Lowestoft	b	b	41	56	-	-	12.0	13.9
Harwich & Dovercourt	bv	bv	41	58	-	-	12.6	14.5
Maldon	b	b	39	63	-	-	12.2	14.8
Southend	b	b	43	63	-	-	12.2	14.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	wb	bbc	37	61	-	-	11.5	14.4
Penzance	b	bz	45	60	-	-	11.2	13.6
Paignton	bz	by	42	64	-	-	11.9	14.7
Torquay	b	by	46	63	-	-	11.9	14.6
Jersey	b	b	46	65	-	-	12.0	14.0
Weymouth	b	by	42	59	-	-	11.7	14.2
Bournemouth	b	b	40	63	-	-	11.6	14.3
Ventnor	bz	bz	48	61	-	-	12.0	13.9
Portsmouth (S'thsea)	b	b	43	64	-	-	11.8	15.9
Bognor	b	b	43	59	-	-	12.1	14.3
Littlehampton	b	b	41	60	-	-	12.5	14.5
Worthing	b	b	41	63	-	-	12.3	14.2
Brighton	b	b	44	58	-	-	12.4	14.4
Eastbourne	b	b	44	58	-	-	12.6	14.4
Hastings‖	b	b	45	61	-	-	(12.6)	13.7
Folkestone	b	b	45	60	-	-	11.8	14.3
Dover	b	b	47	60	-	-	12.0	12.3
Tunbridge Wells	b	b	37	63	-	-	12.3	12.3
Ramsgate	b	b	47	56	-	-	11.8	13.6
Margate	b	b	46	60	-	-	12.3	12.6
Deal	b	b	41	60	-	-	11.6	11.6

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ‡ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station ‖ For code see page 1. †. See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ⊕ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24654 THURSDAY, 23rd. MAY, 1929.

Observations at 13h. G.M.T. 22nd.

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Heights Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1004.5	+1	SSE	3	bc	54	85	6	1500	StCu	3	CiSt	5	•
Stornoway	1002.4	+3	SW	4	c+	57	55	8	4000	Nb	4	ASt	9	•
Wick	1004.2	+3	SSE	3	c/pr.	52	92	8	1500	Nb	6	ASt	10	•
Tiree	1003.3	+2	SSW	3	bc	55	75	8	1500	StCu	6	-	6	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1007.3	+1	SSE	3	c	57	65	6	4000	StCu	8	ASt	9	1
Malin Head	1003.8	0	ENE	3	c	51	85	8	4000	StCu	9	CiSt	10	•
Renfrew	1005.7	+1	SSW	4	odd	54	92	6	450	Nb	10	-	10	1
Edinburgh (Inchkeith)	1006.2	+1	SW	4	c	50	76	8	4000	Cu	2	ASt	10	•
Leuchars	1006.6	+2	SSW	5	c	60	65	8	2500	StCu	3	ASt	9	1
Eskdalemuir	1007.9	0	S'W	5	odd	52	97	6	800	St	10	-	10	1
Tynemouth	1008.2	+1	SW	2	bc	64	55	7	1500	Cu	6	-	6	•
Blacksod Point	1000.1	-1	-	0	c	53	65	9	•	CuNb	10	-	10	•
Donaghadee	1005.2	-1	SW	4	od.	52	97	6	1500	St	10	-	10	•
Birr Castle	1000.1	•	?	1	oR-	63	97	6	4000	Nb	10	-	10	•
Holyhead	1007.1	-2	SSE	5	c/r	66	85	7	4000	St	7	ASt	10	1
Liverpool (Bidston)	1008.8	0	SSE	4	c	60	65	6	2500	Nb	1	ASt	10	•
Chester (Sealand)	1009.4	-1	S'E	4	c/PR	61	75	6	2500	St	9	ASt	10	1
Harrogate	1009.7	-1	S	3	c	64	45	6	-	-	0	ASt	9	•
Spurn Head	1011.7	0	WSW	5	c	66	65	7	-	-	0	ASt	8	•
Birmingham (Edgbaston)	1011.7	0	S	4	c	62	45	8	-	-	0	ASt	9	0
Cranwell	1012.8	0	S	5	c	67	45	7	6700	StCu	4	CiSt	9	0
Gorleston	1014.6	0	S'E	4	bc	67	85	6	-	-	0	CiCu	5	•
Valentia (Cahirciveen)	998.1	-6	N'E	2	c	50	92	8	800	St	10	-	10	1
Roches Point	1000.6	-5	SW	4	crr	53	97	6	1500	Nb	9	-	9	•
Pembroke (St. Ann's H.)	1007.3	-2	SSE	4	or.	53	92	6	800	St	10	-	10	•
Ross-on-Wye	1011.1	0	S'W	4	c⊕	62	65	7	2500	Nb	1	ASt	10	0
Leafield	1012.3	0	S	4	c+	61	55	8	-	-	0	ASt	9	0
Winchester (Worthy Dn.)	1013.1	0	S'W	4	c	62	66	8	7200	StCu	6	ASt	9	0
S. Farnborough	1013.0	0	SW	4	c	70	45	7	7200	StCu	6	ACu	9	0
London (Kew Obsy.)	1013.3	-1	SW'W	4	bc	72	45	8	7200	StCu	6	Ci	7	0
Croydon	1013.5	-1	SW'S	4	bc	71	45	8	5700	Cu	2	ACu	7	0
Shoeburyness	1014.4	-1	SSW	4	b	72	65	8	-	-	0	Ci	1	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1014.5	-2	SE'S	4	bc	63	55	7	-	-	0	Ci	7	0
Lympne	1014.6	-2	S	3	b+	67	65	6	-	-	0	CiCu	2	0
Scilly (St. Mary's)	1008.3	-2	S	6	c	58	85	6	4000	StCu	10	-	10	•
Falmouth (Pendennis)	1009.3	-2	SSW	4	c-	64	92	6	4000	StCu	9	-	9	•
Plymouth (Cattewater)	1011.5	-1	S'E	5	c	56	85	7	4000	Nb	7	ASt	9	5
Portland Bill	1012.9	-1	S	2	c	54	85	6	1500	StCu	10	-	10	•
Southampton (Calshot)	1014.4	0	SW	2	c	62	65	7	7200	StCu	4	ACu	9	0
Dungeness	1015.0	0	SSW	2	bc+	64	65	7	-	-	0	CiSt	7	•
Guernsey (Fort George)	1014.0	-2	SSE	2	c-	58	65	8	-	-	0	ACu	8	•

Observations at 18h. G.M.T. 22nd.

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Heights Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1006.6	+1	S'W	1	c	51	85	5	1500	StCu	4	ACu	8	•
Stornoway	1002.8	0	SW	1	oRR	50	85	7	2500	Nb	10	-	10	1
Wick	1004.8	0	SSE	3	c	53	85	8	1500	Nb	6	ASt	10	3
Tiree	1000.9	-4	E	3	oRR	48	97	7	800	Nb	10	-	10	4
Nairn	1003.3	•	SW	2	c/r	59	75	8	2500	CuNb	8	-	8	•
Aberdeen	1007.1	-1	S	2	cr.	54	85	6	2500	Nb	5	ASt	10	1
Malin Head	997.6	-10	SSE	5	c/r	55	92	7	2500	CuNb	9	-	9	4
Renfrew	1005.2	-1	SSE	3	orr	54	92	6	450	Nb	10	-	10	•
Edinburgh (Inchkeith)	1006.1	0	S	1	c	57	75	7	-	-	0	ASt	10	0
Leuchars	1007.0	-1	SSE	3	crr	55	85	6	1500	Nb	9	ASt	10	•
Eskdalemuir	1007.1	-1	S'E	4	or	53	85	6	800	Nb	10	-	10	•
Tynemouth	1007.4	-1	SSW	3	bc+	62	45	7	1500	CuNb	7	-	7	2
Blacksod Point	998.0	-2	NW	1	orr.	49	85	7	•	Nb	10	-	10	2
Donaghadee	1003.9	-2	SSW	6	orr	52	92	6	800	St	10	-	10	5
Birr Castle	997.5	•	S	2	orr	66	97	7	1500	Nb	10	-	10	•
Holyhead	1006.3	-1	S'E	5	orr.	54	85	6	2500	Nb	10	-	10	4
Liverpool (Bidston)	1007.5	-2	SES	4	c	60	55	7	-	-	0	ASt	10	•
Chester (Sealand)	1008.0	0	SSE	4	c	61	65	6	2500	StCu	9	-	9	•
Harrogate	1009.1	-1	S	4	c	63	45	6	-	-	0	ASt	8	•
Spurn Head	1011.1	0	W'S	4	c	65	65	7	6700	StCu	6	CiSt	9	3
Birmingham (Edgbaston)	1010.6	-1	SSE	3	c-	62	55	8	-	-	0	ACu	9	•
Cranwell	1012.3	0	S	4	c	65	45	8	4000	StCu	6	ASt	9	•
Gorleston	1014.4	0	S'E	4	bc	67	75	6	-	-	0	CiCu	4	0
Valentia (Cahirciveen)	998.8	+3	VRSW	3	c	51	92	8	800	St	10	-	10	4
Roches Point	999.8	0	SW	4	crr.	53	97	6	1500	Nb	9	-	9	6
Pembroke (St. Ann's H.)	1005.7	-2	SE	3	orr	52	97	6	800	St	10	-	10	4
Ross-on-Wye	1010.6	-1	S	3	bc-	61	65	7	-	-	0	ACu	5	•
Leafield	1011.4	-1	S	4	c-	61	55	8	-	-	0	ACu	8	•
Winchester (Worthy Dn.)	1011.7	-2	S'E	2	c	65	55	8	-	-	0	ACu	8	•
S. Farnborough	1012.2	-1	S	2	bc	67	55	7	-	-	0	Ci	7	•
London (Kew Obsy.)	1012.6	-1	SSW	2	bc⊕	71	45	8	-	-	0	Ci	7	•
Croydon	1012.9	-1	SW'S	2	bc-	69	55	7	7200	Cu	1	ACu	4	•
Shoeburyness	1013.4	-1	SSW	1	c+	69	75	7	-	-	0	Ci	8	•
Clacton-on-Sea	1014.0	-1	ESE	2	bc	59	75	6	-	-	0	ACu	6	1
Felixstowe	1014.0	0	ESE	3	bc	60	65	7	-	-	0	ACu	4	1
Lympne	1013.5	-2	-	0	b	69	55	6	-	-	0	Ci	1	•
Scilly (St. Mary's)	1007.5	-2	S	6	ORR	54	97	6	2500	Nb	10	-	10	5
Falmouth (Pendennis)	1008.0	-2	S	4	c	53	97	6	4000	StCu	10	-	10	2
Plymouth (Cattewater)	1009.9	-1	S	4	c	55	85	8	4000	StCu	7	ACu	9	1
Portland Bill	1010.9	-3	ESE	3	c-	53	85	8	1500	StCu	4	ACu	8	1
Southampton (Calshot)	1012.4	-3	SE'E	4	bc	59	75	7	-	-	0	Ci	7	0
Dungeness	1013.6	-2	ESE	2	bc⊕	62	65	7	-	-	0	Ci	6	1
Guernsey (Fort George)	1011.7	-4	SSE	1	bc+	60	65	7	-	-	0	ACu	4	0

LONDON OBSERVATIONS.

Day 7h.-18h., Kew & Croydon. 9h.-18h., Kensington. 9h.-21h., other stations.

	Heights above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility.§
		24 HOURS ENDED 9h.								YESTERDAY.		TO-DAY.	
Kew	18	bcy	cy	bcbdc	73	54	44	-	-	7.8	*	*	6
Croydon	244	bccy⊕	cbcy	bcbcz	73	55	49	-	-	9.4	*	*	7
Greenwich (Royal Obsy.)	149	cbcy	bc.cy	cowzbc	73	53	39	-	Tr.	9.0	44	52	5
City (Bunhill Row)	20	*	*	*	*	*	*	*	*	7.5	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	73	56	·	-	-	8.4	50	50	*
Regent's Pk. (Botanic Gdns.)	168	*	*	*	*	*	*	*	*	9.1	*	*	*
Camden Square	110	cbc	cbc	*	76	55	·	-	-	*	*	55	*
Kensington Palace	80	bc	bc	*	74	57	48	-	-	*	(At 18h.) 52	50	*
Hampstead Observatory	450	*	*	*	73	56	46	-	-	9.1	*	57	*

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 23rd.

South Kensington

Max.	Time.	Min.	Time.
1.2	7h 22m	0.3	15h 22m

Kew Observatory

Max.	Time.	Min.	Time.
0.1	6h 23m	<0.1	12h-17h, 22nd

POLE STAR RECORD at Greenwich Obsy.

Exposure from 22nd 21h 15m to 23rd 02h 30m

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	5·15	5·15	100
δ Ursæ Minoris	5·15	5·15	100

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

23rd., 24th. MAY, 1929.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·48	11·50	19·52
	3·47	11·50	19·54
Greenwich	4·0	11·57	19·64
	3·59	11·57	19·65
Wick	3·33	12·9	20·46
	3·31	12·9	20·48
Valentia	4·39	12·38	20·37
	4·38	12·38	20·38

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
ps sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). { before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.

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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2¾ „
6. Moderate.	5½ „
7. Good.	13¾ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

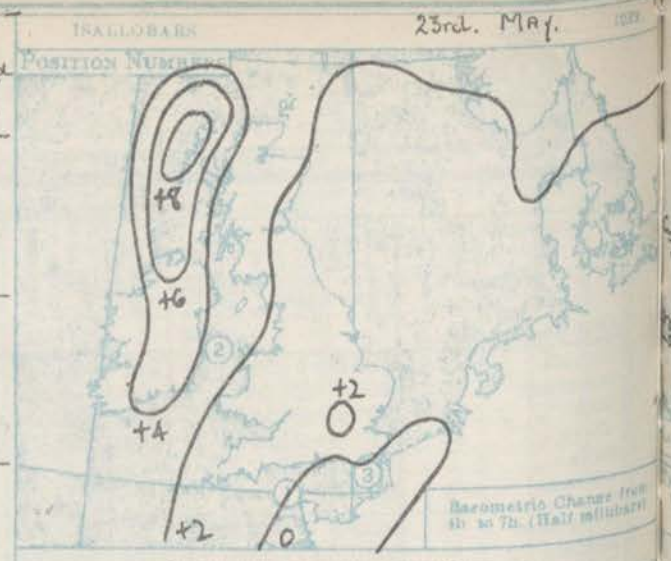
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 22nd	Weather. 18h.-18h. 22nd	Weather. 18h. 22nd to 1h. 23rd	Weather. 1h.-7h. 23rd	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 22nd Hours.
Lerwick	cbem.	beem.	cair.c	cpr.	55	49	•	-	-	0·3	<21·00	3·8
Stornoway	b-bc	o	orro	orro	57	47	•	0.5	17.30	4	<21·00	5·3
Wick	cpr	cpr.c	or.rc	c	53	48	•	0.4	12.30	3	<21·00	•
Tiree	c	corr	do	urrd	~~[illegible]~~	47	46	3	14.30	7	<21·00	3·6
Nairn	bcprc	bep.c	cbc	bcc	57	56	•	1	11.00	-	-	1·7
Aberdeen	cbcz.	z.cir.z.	cr.r.z.	cr.cz.	58	47	41	0.1	16.30	1	<21·00	0·3
Malin Head	cbec	crr	cir	c	55	50	•	5	13.30	1	22·00	3·1
Renfrew	odd	odd.r	orer.	orr.m.	55	53	50	3	<8.00	3	<21·00	0·0
Edinburgh (Inchkeith)	c	cir.	cir.	cir.	57	52	51	Tr	15.30	Tr	<21·00	0·3
Leuchars	cprcirc	cir.r.	or.r.c	cer.c	62	51	49	2	9.00	3	<21·00	1·5
Eskdalemuir	oddm.	odirrm	cr.m.c	c.	54	50	47	6	<8.00	1	<21·00	0·0
Tynemouth	obc	bc	cbcq	bc	66	53	45	-	-	-	-	•
Blacksod Point ...	c	p.r.	bc	p.	54	45	•	0·2	•	1	•	•
Donaghadee	id.m	id.rr	or.r.	oir.c	53	51	•	7	<8·00	5	<21·00	•
Birr Castle	cr.R	orr	orr	cr.cb	56	45	34	9	<8.00	5	<21·00	0·0
Holyhead	dd r.	r.r.	r.r.irm	om.r.	57	53	51	4	<8.00	2	<21·00	0·0
Liverpool (Bidston) ...	m.pc	m.c	ycc	c	62	55	53	Tr.	<8.00	-	-	0·8
Chester (Sealand) ...	cm.pr	cz.	rc	c	64	54	51	Tr.	11.00	Tr	<21·00	1·1
Harrogate	c	cbec	cir.cbc	bc	66	53	48	-	-	Tr.	<21·00	3·2
Spurn Head	cq	c	bc	bc	69	52	•	-	-	-	-	5·8
Birmingham (Edgbaston)	c	c	cbc	bc	63	53	47	-	-	-	-	0·3
Cranwell	cy	cy	cycm.	bbc	73	50	46	-	-	-	-	5·3
Gorleston	bc	bc	bcbq	bm.	59	52	49	-	-	-	-	11·7
Valentia (Cahireiveen)	cr.rcr	cid.c	bp.bc	bccp.	52	46	41	3	9.00	0·1	<21·00	0·0
Roches Point	crr	crrcr.r	cr.crr	crcbc	54	47	•	14	<8.00	7	<21·00	•
Pembroke (St. Ann's H.)	oir.c	or.rm.	ohrm.	orrff	53	50	•	2	<8.00	8	<21·00	0·0
Ross-on-Wye	c	p.cbcc	bcebc	c	64	53	47	Tr.	13.30	-	-	1·8
Leafield	c	cir.cy	bc	bc	63	47	43	Tr.	16.30	-	-	3·0
Winchester (Worthy Dn.)	cy	cy	cbcb	bbcc	66	48	39	-	-	-	-	3·8
S. Farnborough ...	bccy	cbcy	bcyb	bbcw	71	53	41	-	-	-	-	6.7
London (Kew Obsy.) ...	bcy	cy	bcb	bcm.wbc	73	54	44	-	-	-	-	7·8
Croydon	bccy ⊙	cbcy	bcbz.	bbcz.	73	55	49	-	-	-	-	9.4
Shoeburyness	bcb	bbcc	cbc	b	74	50	38	-	-	-	-	12·3
Clacton-on-Sea ...	bcz	bcz	bcz	bcz	63	55	52	-	-	-	-	12·5
Felixstowe	bcbbc	bcz.	bcz.	bczbz.	63	54	52	-	-	-	-	12·8
Lympne	bcbz.y	bz.y	bbcz.y	bybcz.	70	51	41	-	-	-	-	12·6
Scilly (St. Mary's) ...	cp	orr	orrm	orrff	59	51	•	5	<8.00	11	<21·00	0·1
Falmouth (Pendennis)	cm.q	um.q	cm.d.q	om.rr	56	52	•	Tr.	15.30	4	<21·00	0·2
Plymouth (Cattewater)	cm.r.	cr.	cbc	bcc	58	54	51	Tr.	<8.00	-	-	1·8
Portland Bill	cz.	c	cbc	c	55	51	•	-	-	-	-	•
Southampton (Calshot)	cbcc	cbcybc	bcbw	bwbc bcw	66	53	48	-	-	-	-	4·1
Dungeness	bc	bcbc	bcb	bbcc	66	55	•	-	-	-	-	•
Guernsey	c	cbc	bc	bbc	63	52	•	-	-	-	-	4·2

† For code see page 1 † Trace = rain has fallen, but amount less than 0·1 mm.

23rd. May.



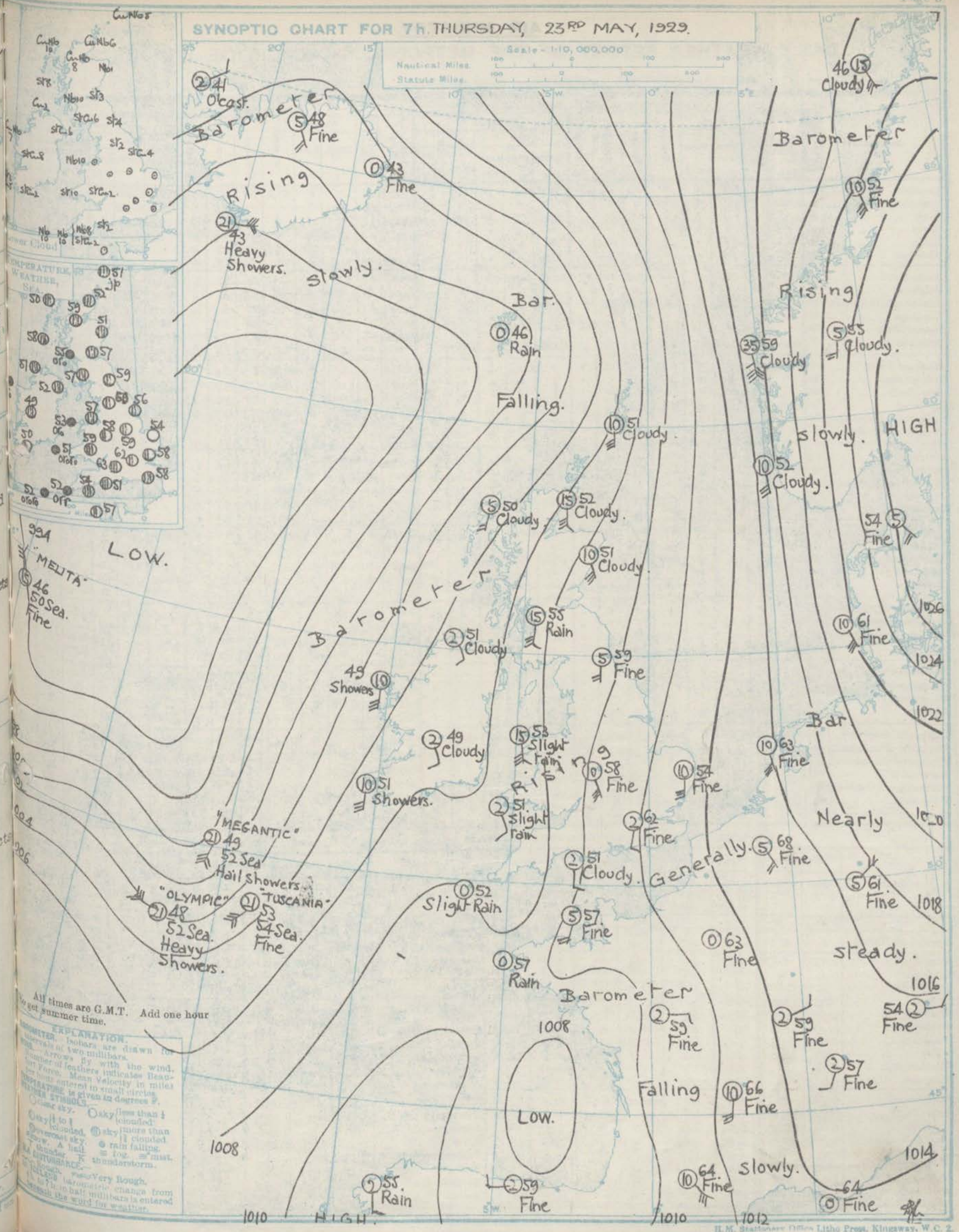
Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	22nd 10h	Hibernia	S	6	r	52	48	5

GENERAL INFERENCE.

Antiy clones are centred over the Azores and the Baltic. The depression south of Iceland is filling up, and a shallow depression will move up from S.W. France across England. Conditions will become thundery over eastern and midland districts and will continue unsettled in the West.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Thursday, 23rd May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind S.E. to variable, light; fine at first, thunderstorms probable tonight or tomorrow; very warm today, probably less warm tomorrow.	Local rain and thunderstorms, but bright periods in most districts
5. S.W. England 6. South Wales 7. North Wales	Wind variable to northerly, light; dull, some rain; moderate temperature.	
8. N.W. England	As 12 - 14.	
9. N. Midlands 10. N.E. England	As 1 - 4.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind S. to S.E. or E., light or moderate; occasional rain; perhaps local thunder tomorrow; local coast fog tomorrow; rather warm.	
13. A. W. Scotland B. N.W. Scotland 14. Mid-Scotland	Wind S. to S.E., light or moderate; mainly cloudy, occasional rain; perhaps local thunder tomorrow; rather warm.	
15. N.E. Scotland 16. Orkneys and Shetlands	As 11.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southerly to variable, light or moderate; showers, bright intervals; perhaps local thunder; moderate temperature.	cand.



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

EXPLANATION.

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Arrows fly with the wind. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.

Clear sky. Sky less than ½ clouded. Sky ½ to ½ clouded. Sky more than ½ clouded. Overcast sky. rain falling. Snow. A hail. fog. mist. T thunder. K thunderstorm.

R.A. DISTURBANCE.

Smooth. Rough. Very Rough.

BAROMETRIC CHANGE. Barometric change from 7h. to 7h. in half millibars is entered beneath the word for weather.

H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

BRITISH SECTION. THURSDAY ..... 23rd ..... MAY ..... 1929. No. 143

Stations	Height above M.S.L. in feet	Observations at 1h. G.M.T. 23rd: Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility‡ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sun 0-9
Lerwick	84	1006.7	-1	SE	4	c	50	85	7	1500	St	5	cSt	9	•
Stornoway	30	1000.4	-2	SE	4	orr	•	•	6	•	•	•	•	10	1
Wick	81	1003.5	-2	S	3	c	51	92	8	1500	St	5	cSt	8	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	8	3
Nairn	32	•	•	•	•	•	•	•	•	•	•	•	•	8	•
Aberdeen	37	•	•	•	•	•	•	97	•	•	•	•	•	8	0
Malin Head	81	999.9	+7	W	4	cr	50	88	7	2500	CuNb	9	–	9	0
Renfrew	26	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	180	1005.3	0	SSW	3	c	56	75	8	–	–	0	cSt	10	0
Leuchars	50	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1009.0	+1	SSW	3	bc	54	75	7	1500	Cu	6	–	6	0
Blacksod Point ...	18	999.5	+1	S	4	bc	48	75	7	•	CuNb	6	–	6	7
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	2
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1
Holyhead	20	1005.8	0	SE	4	or$_0$	54	85	6	1500	Nb	10	–	10	•
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	3
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	20	1010.0	0	S	3	bc	53	92	7	5700	StCu	4	aCu	7	3
Birmingham (Edgbaston)	565	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	336	1011.0	0	SE'E	3	c–	54	85	6	5700	StCu	6	aCu	8	7
Gorleston	14	1013.3	–1	SSE	4	b–	53	85	7	–	–	0	CuCu	1	•
Valentia (Cahirciveen)‡	30	1002.8	0	WSW	2	b–	49	97	9	•	CuNb	2	–	2	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1
Pembroke (St. Ann's H.)	160	1004.7	–1	S	4	orr	52	92	6	800	St	10	–	10	•
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	287	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	59	•	•	•	•	•	•	•	•
Croydon	244	1011.7	–1	S	3	b–	60	65	6	–	–	0	–	0	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	2
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	4
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	2
Lympne	350	1012.5	–1	SE	4	b	62	45	7	–	–	0	Ci	1	5
Scilly (St. Mary's) ...	163	1006.3	0	SW	5	oRR	53	97	6	2500	Nb	10	–	10	1
Falmouth (Pendennis)	200	1006.3	0	S	5	od$_0$	53	97	6	2500	Nb	10	–	10	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	10	2
Portland Bill	32	1009.8	0	S	1	bc	51	92	8	1500	St	2	Ci	5	0
Southampton (Calshot)	10	1011.0	–1	S'E	2	b	56	92	7	–	–	0	–	0	1
Dungeness	20	1012.3	–1	SE	3	b–	55	75	8	–	–	0	–	0	0
Guernsey (Fort George) ‡	206	1010.6	–1	SW	3	bc	56	75	7	4000	St	4	–	4	0

Stations	Observations at 7h. G.M.T. 23rd: Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility‡ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sun 0-9
Lerwick	1007.0	+2	S	3	cjb	57	85	7	1500	CuNb	5	aSt	9	•
Stornoway	1003.1	+9	SSW	2	c	50	85	8	4000	CuNb	10	–	10	1
Wick	1004.6	+3	S	4	c	52	85	7	2500	CuNb	6	aSt	8	3
Tiree	1005.8	+3	SSW	3	c	58	92	8	1500	St	8	–	8	3
Nairn	1004.7	•	WSW	2	c	59	75	8	2500	CuNb	8	–	8	•
Aberdeen	1008.8	–2	SSE	3	c	51	75	6	1500	Nb	1	aCu	8	0
Malin Head	1004.8	+7	SE	1	c–	51	92	8	4000	Cu	2	CiCu	8	0
Renfrew	1006.6	+3	S	4	or$_0$	55	85	6	1500	Nb	10	–	10	•
Edinburgh (Inchkeith)	1006.2	+1	SW	3	c	57	65	8	800	St	8	aSt	10	0
Leuchars	1007.6	+2	E	3	c	54	85	7	4000	StCu	3	aSt	10	•
Eskdalemuir	1007.4	+2	S'E	4	c	57	75	7	4000	StCu	6	aCu	8	0
Tynemouth	1009.0	0	S	2	bc	59	65	6	800	St	4	aCu	7	0
Blacksod Point ...	1003.0	+1	S	3	bc/pr$_0$	49	85	8	•	CuNb	7	–	7	2
Donaghadee	1006.1	+3	SW	2	c–	52	97	7	4000	StCu	6	aSt	8	1
Birr Castle	1004.6	•	(SSW)	1	c–	49	92	7	4000	StCu	8	–	8	•
Holyhead	1007.2	+3	S'E	4	or$_0$	53	97	6	800	Nb	10	–	10	3
Liverpool (Bidston) ...	1008.4	+2	SSE	4	c	57	75	6	–	–	0	aSt	10	•
Chester (Sealand) ...	1008.5	+1	SSE	3	c	57	85	7	5700	StCu	6	aCu	9	•
Harrogate	1009.8	0	S	3	bc	60	65	5	2500	St	2	CiCu	3	3
Spurn Head	1011.2	0	S'W	4	bc	56	85	6	4000	StCu	4	Ci	7	•
Birmingham (Edgbaston)	1010.8	+1	SSE	3	bc	58	75	8	–	–	0	Ci	7	•
Cranwell	1011.6	0	SSE	3	bc+	59	75	6	–	–	0	CiCu	4	0
Gorleston	1013.1	+1	S	3	b	54	85	6	–	–	0	–	0	3
Valentia (Cahirciveen)‡	1007.2	+3	S	3	c/pr$_0$	51	85	8	2500	Cu	8	–	8	5
Roches Point	1006.3	+4	SW	2	bc	50	92	8	2500	StCu	2	Ci	6	1
Pembroke (St. Ann's H.)	1006.1	+2	SSE	1	or$_0$r$_0$	51	97	3	800	St	10	–	10	•
Ross-on-Wye	1009.8	+1	S	3	c	59	75	7	4000	StCu	2	CiSt	8	•
Leafield	1010.7	+1	SSE	3	c	57	75	7	–	–	0	CiSt	8	•
Winchester (Worthy Dn.)	1011.1	0	ESE	1	c	55	85	7	5700	StCu	2	aCu	8	•
S. Farnborough ...	1011.2	+1	SSE	1	c+	63	65	6	–	–	0	CiSt	8	•
London (Kew Obsy.) ...	1012.1	+3	S'W	1	bc	62	65	6	–	–	0	CiSt	5	•
Croydon	1011.8	+1	–	0	bc	63	65	6	–	–	0	CiSt	4	•
Shoeburyness	1012.8	+1	SSW	1	b	63	75	7	–	–	0	Ci	2	2
Clacton-on-Sea ...	1012.7	0	ESE	3	bc	58	75	6	–	–	0	Ci	4	2
Felixstowe	1012.7	0	E'S	2	b	58	75	6	–	–	0	Ci	2	•
Lympne	1012.5	0	SSE	2	bc+	62	65	7	–	–	0	Ci	5	•
Scilly (St. Mary's) ...	1008.1	+2	–	0	or$_0$r$_0$	52	97	6	2500	Nb	10	–	10	1
Falmouth (Pendennis)	1006.6	+1	S	4	orr	52	97	6	2500	Nb	10	–	10	2
Plymouth (Cattewater)	1008.7	+1	SE	5	c	54	92	6	1500	Nb	10	–	10	2
Portland Bill	1009.7	0	S	1	c+	53	85	8	1500	St	2	CiCu	8	0
Southampton (Calshot)	1011.7	+1	ESE	3	bc–	56	85	6	–	–	0	Ci	5	1
Dungeness	1012.3	–1	S	1	c+	58	75	7	–	–	0	CiSt	8	0
Guernsey (Fort George) ‡	1010.3	0	SSW	2	bc	57	75	7	–	–	0	aCu	7	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR ... 22nd ... May

Stations	Weather: Forenoon.	Weather: Afternoon.	Temperature: Min. 9h. 21st to 9h. 22nd	Temperature: Max. 9h. 21st to 9h. 22nd	Rainfall†: Night 17h.-9h. 21-22nd	Rainfall†: Day 9h.-17h. 22nd	Sunshine: Sunrise to 17h. 22nd	Sunshine: Sunrise to Sunset 21st
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	c	c	45	63	–	–	3.1	4.3
Douglas (I. o. M.) ...	ocm	orR	49	53	3	6	0.0	13.2
Llandudno ...	c	c	63	62	–	–	0.1	13.1
Colwyn Bay ...	c	cbc	54	63	–	–	0.5	12.8
Rhyl	bc	bc	53	64	–	–	0.3	11.0
Wallasey	pcbc	p$_0$c	51	62	0.3	Trace	0.3	11.3
Southport	ocopc	co	*51	63	0.3	0.1	1.3	11.6
Blackpool	cpc	cpc	50	60	0.3	0.1	1.1	11.8
Ilkley	gc	bcc	44	66	–	–	1.3	12.3
Cleethorpes	cb	c	41	73	–	–	6.4	13.6
Skegness	bbcc	c	49	70	–	–	7.0	14.1
Aberystwyth ...	cpc	c	50	66	Trace	0.3	0.1	13.2
Bath	cbcc	cp$_0$bc	50	65	–	Trace	1.1	14.6
Cheltenham‖ ...	c	cbcc	50	66	–	–	1.0	14.7
Leamington Spa ...	cb	c	43	66	–	–	2.7	14.0
Lowestoft	b	b	46	62	–	–	11.5	13.7
Harwich & Dovercourt	bc	bcz	48	64	–	–	11.2	14.6
Maldon	bcb	bcb	45	75	–	–	9.5	14.6
Southend	b	b	48	73	–	–	11.4	14.3

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	c	cpr$_0$ cm	51	61	–	Trace	0.5	12.4
Penzance	c	cor	53	57	–	1	0.0	11.8
Paignton	ozcbc	c	49	61	–	–	2.0	13.5
Torquay	obcc	bcz	51	61	–	–	2.8	13.8
Jersey	bc	bc	48	71	–	–	4.3	14.2
Weymouth	c	cb	45	57	–	–	1.9	13.6
Bournemouth ...	c	cbcc	47	63	–	–	2.0	13.8
Ventnor ...	bzc	cbc	49	64	–	–	3.4	14.0
Portsmouth (S'thsea)	cb	b	49	67	–	–	6.0	14.1
Bognor	cbc	bccb	47	61	–	–	4.6	14.5
Littlehampton ...	bc	bc	43	66	–	–	5.9	14.8
Worthing	c	bcb	46	69	–	–	8.2	14.6
Brighton	bc	bcb	46	64	–	–	9.0	14.7
Eastbourne‖	b	b	46	69	–	–	10.7	14.7
Hastings‖	b	b	49	71	–	–	11.9	14.7
Folkestone	b	b	44	73	–	–	11.1	14.3
Dover	yb	by	45	74	–	–	11.2	14.2
Tunbridge Wells ...	bbc	bcb	45	72	–	–	9.7	14.5
Ramsgate	b	b	48	73	–	–	11.3	14.2
Margate	bcb	b	51	76	–	–	11.3	14.1
Deal	b	b	46	78	–	–	11.6	14.1

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ‡ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-7h. ✠ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24655 Friday, 24th May 1929.

Observations at 13h. G.M.T. 23rd

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1011.8	+4	SE	2	c	53	85	7	1600	StCu	5	ACu	9	•
Stornoway	1009.3	+5	SSW	1	c	56	85	8	4000	StCu	10	-	10	•
Wick	1009.8	+5	S	3	c	54	85	7	1500	St	6	ASt	10	•
Tiree	1008.1	+4	SSW	3	bc-	54	85	8	2500	Cu	7	-	7	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1011.2	+2	SSE	2	bc	58	75	6	-	-	0	ACu	9	1
Malin Head	1008.4	+3	E'N	3	c	53	85	8	4000	Cu	5	CiSt	9	•
Renfrew	1009.8	+3	S	2	cld	59	85	6	800	Nb	7	ASt	10	1
Edinburgh (Inchkeith)	1009.6	+4	SE	1	c	60	75	8	1500	St	10	-	10	•
Leuchars	1010.3	+3	-	0	c	63	76	6	4000	St	7	ASt	10	1
Eskdalemuir	1010.6	+2	SSW	3	c	59	75	7	1500	StCu	7	ASt	10	1
Tynemouth	1010.0	+1	SE	2	c	58	65	6	800	St	6	ASt	10	•
Blacksod Point	1006.3	+3	S	3	bc	66	65	9	•	CuNb	4	-	4	•
Donaghadee	1009.6	+2	S	2	or.	51	92	5	1500	St	10	-	10	•
Birr Castle	1006.8	•	S	1	c-	60	55	8	4000	Cu	6	CiSt	9	•
Holyhead	1009.1	+2	S'E	1	orr.	55	97	5	450	Nb	10	-	10	1
Liverpool (Bidston)	1009.8	+2	SE'S	4	bc-	67	55	7	-	-	0	ASt	7	•
Chester (Sealand)	1009.6	+1	SE'S	4	c	68	65	7	4000	StCu	5	CiSt	8	0
Harrogate	1010.3	0	S	2	c	73	35	7	-	-	0	ASt	9	•
Spurn Head	1011.9	0	SE'S	4	bc	69	85	6	4000	StCu	3	CiSt	7	•
Birmingham (Edgbaston)	1010.3	0	SSE	3	bc	73	45	8	4000	Cu	1	Ci	7	0
Cranwell	1011.2	-1	SE	3	c+	81	45	7	4000	Cu	3	Ci	8	0
Gorleston	1012.9	0	ESE	3	b	57	75	6	-	-	0	Ci	2	•
Valentia (Cahirciveen)	1006.3	+2	S'E	4	bc	68	65	9	2500	Cu	5	-	5	1
Roches Point	1008.3	+3	SW	3	bc	66	85	8	2500	StCu	4	-	4	•
Pembroke (St. Ann's H.)	1008.4	+2	SSE	2	orr	51	97	4	450	St	10	-	10	•
Ross-on-Wye	1009.8	-1	SE'S	3	bc	71	55	8	4000	Cu	2	ACu	7	0
Leafield	1009.5	-1	SSE	3	bc	73	45	8	5700	Cu	4	Ci	7	0
Winchester (Worthy Dn.)	1009.1	-2	SE'E	4	c	77	35	8	4000	Cu	1	Ci	9	0
S. Farnborough	1009.5	-2	SE	3	bc	79	35	8	4000	StCu	3	CiCu	7	0
London (Kew Obsy.)	1010.0	-2	SSE	3	bc	80	35	8	4000	Cu	2	Ci	7	0
Croydon	1010.3	-2	SE	3	bc+	81	36	8	2600	Cu	2	Ci	7	0
Shoeburyness	1011.6	-1	ENE	3	bc	69	66	7	-	-	0	Ci	3	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1012.1	-2	E'N	3	bc	64	65	6	-	-	0	Ci	3	0
Lympne	1011.0	-4	ESE	3	bc-	76	45	8	-	-	0	Ci	3	0
Scilly (St. Mary's)	1008.6	0	NNE	1	cr.	53	97	7	4000	Nb	10	-	10	•
Falmouth (Pendennis)	1008.4	+1	S	2	orr	52	97	5	1500	Nb	10	-	10	•
Plymouth (Cattewater)	1009.8	+1	-	0	c/r	56	92	8	4000	Nb	9	ASt	10	1
Portland Bill	1009.6	-2	ENE	2	c	60	65	7	1500	StCu	9	ASt	10	•
Southampton (Calshot)	1009.3	-2	SSE	3	bc	60	75	6	-	-	0	Ci	7	0
Dungeness	1011.5	-1	ENE	2	bc	69	46	6	-	-	0	CiCu	6	•
Guernsey (Fort George)	1008.5	-3	ENE	3	bc+	60	75	7	-	-	0	CiSt	7	•

Observations at 18h. G.M.T. 23rd

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014.2	+2	SSE	2	c	53	85	7	1500	StCu	5	CiSt	9	•
Stornoway	1011.3	+1	-	0	c	52	85	8	4000	StCu	10	-	10	0
Wick	1012.1	+2	NE	2	c	50	92	6	800	St	6	ASt	10	1
Tiree	1009.8	0	SE	2	c+	55	85	8	1500	St	9	-	9	1
Nairn	1011.4	•	-	0	cld	53	92	7	1500	CuNb	8	-	8	•
Aberdeen	1012.5	+1	SE	2	bc	52	85	6	-	-	0	CiSt	7	0
Malin Head	1009.5	0	E	3	cr.	53	92	7	2500	CuNb	7	ASt	10	0
Renfrew	1010.8	+1	S	1	c/r	60	85	6	2500	StCu	8	ASt	10	•
Edinburgh (Inchkeith)	1010.8	+1	ENE	1	c	59	75	6	1500	St	10	-	10	0
Leuchars	1012.0	+2	SE	1	c	53	85	6	4000	St	6	ASt	10	•
Eskdalemuir	1010.7	0	SSW	2	c	63	75	7	2500	StCu	5	ASt	10	•
Tynemouth	1011.0	+1	SE	2	bc	55	75	6	800	St	3	Ci	6	1
Blacksod Point	1007.3	+1	S	4	bc	56	65	8	•	Cu	4	CiCu	5	2
Donaghadee	1010.9	+1	S	1	ffo	51	97	3	1500	St	10	-	10	1
Birr Castle	1008.1	•	S	1	c	59	65	8	2500	St	2	ASt	10	•
Holyhead	1010.1	+1	SW'S	1	cr.	54	97	6	2500	Nb	9	ASt	10	0
Liverpool (Bidston)	1009.3	0	-	0	bc-	70	55	7	-	-	0	CiCu	7	•
Chester (Sealand)	1009.0	-1	W'S	1	c	71	56	6	4000	StCu	8	ASt	9	•
Harrogate	1010.3	0	SE	3	bc	72	65	7	-	-	0	CiSt	7	•
Spurn Head	1010.9	-1	SE'S	5	bc	64	92	6	1500	St	4	CiSt	6	3
Birmingham (Edgbaston)	1008.1	-2	ESE	3	c	74	45	7	2500	CuNb	4	ASt	9	•
Cranwell	1010.6	-1	E'N	2	bc-	76	45	7	4000	Cu	1	Ci	5	•
Gorleston	1011.8	-2	E'S	3	b	59	75	6	-	-	0	-	0	0
Valentia (Cahirciveen)	1008.0	+2	S'E	4	bc	54	75	8	2500	Cu	5	-	5	3
Roches Point	1009.7	+2	SW	2	c	56	85	8	2500	StCu	8	-	8	1
Pembroke (St. Ann's H.)	1009.1	+1	SSE	2	orr	52	97	4	450	St	10	-	10	2
Ross-on-Wye	1008.1	-2	NNW	2	c+	59	65	8	4000	Cu	1	CiSt	9	•
Leafield	1007.7	-2	SE	4	c	73	35	8	5700	Cu	1	CiSt	8	•
Winchester (Worthy Dn.)	1007.6	-2	E'S	3	c	74	35	8	-	-	0	Ci	9	•
S. Farnborough	1008.2	-2	E	3	bc	76	35	8	-	-	0	Ci	7	•
London (Kew Obsy.)	1008.9	-1	E	3	bc	78	35	8	-	-	0	Ci	5	•
Croydon	1008.9	-2	SE'S	3	bc-	78	35	7	-	-	0	Ci	5	•
Shoeburyness	1010.2	-2	E	2	bc+	65	86	6	-	-	0	Ci	4	•
Clacton-on-Sea	1010.3	-1	ENE	4	bc	63	65	7	-	-	0	Ci	4	2
Felixstowe	1010.8	-2	NE	4	b	61	65	6	4000	Cu	1	-	1	1
Lympne	1009.5	-2	ENE	4	bc	70	45	6	-	-	0	Ci	5	•
Scilly (St. Mary's)	1009.6	+1	NW	2	c	52	97	7	4000	StCu	8	-	8	1
Falmouth (Pendennis)	1008.5	0	-	0	crr	53	97	6	1500	Nb	7	ASt	10	0
Plymouth (Cattewater)	1009.2	-1	-	0	crr	56	97	6	2500	Nb	9	ASt	10	0
Portland Bill	1007.1	-2	NNW	3	c	60	92	8	1500	Cu	7	ASt	9	2
Southampton (Calshot)	1007.8	-3	SE	3	bc	61	85	7	-	-	0	Ci	7	0
Dungeness	1009.0	-2	ENE	2	c+	59	75	7	-	-	0	CiSt	10	2
Guernsey (Fort George)	1007.9	-1	NNW	4	cr.	54	92	7	1500	CuNb	7	ASt	10	3

LONDON OBSERVATIONS.

Day 7h.-18h., Kew & Croydon. 9h.-18h., Kensington. 9h.-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility.
		24 HOURS ENDED 9h.								YESTERDAY.		TO-DAY.	
Kew	18	bcy	bcy	bcanb	82	56	45	-	-	12.8	•	•	5
Croydon	264	bc2y	bcy	bc2c	81	53	47	-	-	13.0	•	•	5
Greenwich (Royal Obsy.)	149	bcy	bo3cy	c0mc	83	54	39	-	-	13.6	29	66	5
City (Bushill Row)	80				•	•	•	•	•	11.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	81	57	•	-	-	12.9	38	64	•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	12.3	•	•	•
Camden Square	110	b	bcob	•	84	56	•	-	-	•	{At 18h. 12.}	70	•
Kensington Palace	80	bc	bc	•	81	57	49	-	-	•		71	•
Hampstead Observatory	450	•	•	•	79	53	49	-	Tr.	13.2		81	•

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 24th

South Kensington

Max.	Time.	Min.	Time.
1.0	24th 7h	<0.3	23rd 13h

Kew Observatory

Max.	Time.	Min.	Time.
0.4	24th 6h	<0.1	13h-16h 23rd

POLE STAR RECORD at Greenwich Obsy.

Exposure from 23rd 21h. 15m. to 24th 02h. 30m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	5.15	4.55	94
δ Ursae Minoris	5.15	3.19	63

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

23rd and 24th May, 1929.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.47	11.50	19.24
	3.46	11.50	19.55
Greenwich	3.59	11.57	19.55
	3.58	11.57	19.56
Wick	3.31	12.9	20.48
	3.30	12.9	20.50
Valentia	4.38	12.38	20.38
	4.37	12.38	20.40

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening skye
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r0 = slight rain. rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ☽ = lunar halo.

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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

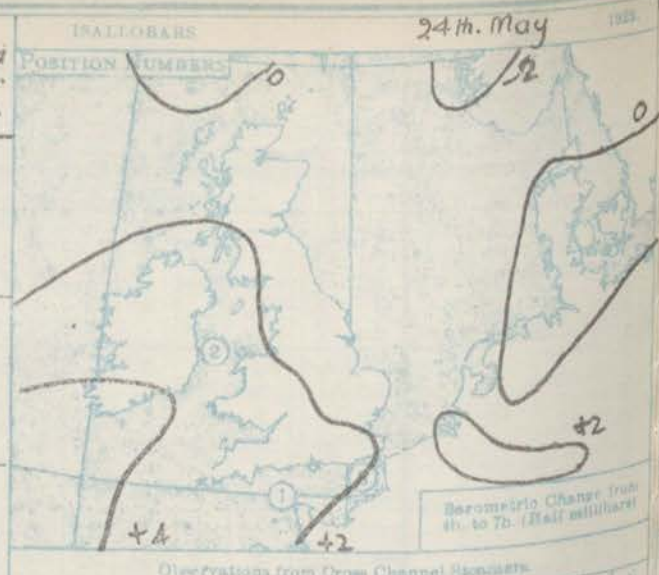
¶ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at 65 yards.
0. Dense fog.	
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6½ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rainfall or fall of snow, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 23rd	13h.-18h. 23rd	18h. 23rd to 18h. 24th	18h.-7h. 24th	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass	Rainfall.† Day. 7h.-18h. mm	began.	Night. 18h.-7h. mm	began.	Sun 23rd Hours.
Lerwick	c.p.r	c	cbc	bcb	54	49	•	Tr.	<8.00	–	–	0.4
Stornoway	c	o	orro	orro	56	49	•	–	–	7	22.00	1.8
Wick	c.r.c	cm.m	b-bc	b-bc	56	47	•	0.3	9.00	–	–	•
Tiree	c	c	d	d.rrd	58	49	49	–	–	17	<21.00	1.2
Nairn	cg	cgd.	c.rbc	bc	61	49	•	0.1	17.30	–	–	0.4
Aberdeen	cz.	cbcz.	bc	c	60	45	35	–	–	–	–	2.7
Malin Head	c	c	cr.	circ	56	51	•	Tr.	17.30	3	<21.00	3.3
Renfrew	odd	cr.r.	cz.p.	com.	60	48	43	1	<8.00	Tr	<21.00	0.0
Edinburgh (Inchkeith)	c	c	c	cbcw	61	47	44	–	–	Tr.	–	0.0
Leuchars	c.p.cm.	cz.	cbcm.	bcwcm	63	47	44	Tr.	9.00	–	–	0.3
Eskdalemuir	c	c	c	ccm.w	65	48	45	–	–	–	–	1.8
Tynemouth	bcc	cbc	bc	bcb	63	48	37	–	–	–	–	•
Blacksod Point ...	p.bc	bcq	bc	bc	59	50	•	0.1	•	–	•	•
Donaghadee	ir.r.	oidff	offir	ffirc	55	48	•	2	11.00	5	22.00	•
Birr Castle	cy	c	c	cb	61	41	31	–	–	–	–	4.0
Holyhead	r.r.	r.r.r.m	r.r.m.	r.r.m.	57	50	50	4	<8.00	3	<21.00	0.0
Liverpool (Bidston) ...	m.cy	ybccy	ybcc	o.m.	71	51	48	–	–	0.1	<21.00	3.3
Chester (Sealand) ...	c	cyz.	c	c.d.	72	54	53	–	–	Tr.	4.30	3.2
Harrogate	bcc	cbc	bcb	bbc	73	47	40	–	–	–	–	7.8
Spurn Head	bc	bc	bcbw	bc	62	49	•	–	–	Tr.	–	12.9
Birmingham (Edgbaston)	bc	bcc	c	c	76	54	48	–	–	–	–	8.7
Cranwell	bcy	cy	bcm.	bc	81	49	43	–	–	–	–	12.6
Gorleston	bm.	bm.	b	bw	61	52	47	–	–	–	–	13.6
Valentia (Cahirciveen)	cp.bcv	bcvcp	bcbw	bwbc	59	46	39	1	<8.00	Tr.	–	11.8
Roches Point	bc	bcc	crbc	bcffobc	58	45	•	–	–	Tr.	–	•
Pembroke (St. Ann's H.)	offrrm	offrrc	cifrr	omr.c	53	48	•	10	<8.00	2	22.00	0.0
Ross-on-Wye	cbc	bcycy	cup.	c	76	55	51	–	–	0.1	22.00	5.2
Leafield	bc	bcy	cbcc	cicl.	76	54	45	–	–	Tr.	5.30	11.0
Winchester (Worthy Dn.)	cbcycy	bcycy	cycbc	ccr.	79	55	51	–	–	Tr.	4.30	10.7
S. Farnborough ...	czybc	bcy	bcyc	cwpr	81	55	46	–	–	Tr.	5.30	12.3
London (Kew Obsy.) ...	bcy	bcy	bcz.y	cmwbcm	82	56	45	–	–	–	–	12.8
Croydon	bcz.y	bcy	bcz.	bccz.	81	53	47	–	–	–	–	13.0
Shoeburyness	bcb	bcm.	bc	bcbm.	73	51	46	–	–	–	–	13.6
Clacton-on-Sea ...	bcz	bcz	bcz	bcz	65	54	52	–	–	–	–	12.3
Felixstowe	bz.	bz.	bz.	bz.	64	52	49	–	–	–	–	13.2
Lympne	cbcy	bcz.y	bcz.ycz.	bccz.	77	56	47	–	–	–	•	13.9
Scilly (St. Mary's) ...	orrcf	crrc	c	cbc	54	48	•	3	<8.00	–	–	0.0
Falmouth (Pendennis)	omrrg	omrr	cm.r	cbc	53	50	•	10	<8.00	0.2	<21.00	0.0
Plymouth (Cattewater)	cm.rr	crrm.	com.rr	ar.m.cc	58	51	48	6	<8.00	2	<21.00	0.0
Portland Bill	c	c	cikc	c	64	52	•	–	–	4	<21.00	•
Southampton (Calshot)	bcm.	bcm.bc	bccqbc	c	62	55	54	–	–	–	–	10.9
Dungeness	cbc	bcc	cbc	bcz.	70	51	•	–	–	–	–	•
Guernsey	bc	bccrrtlq	c	bcb	65	52	•	4	17.30	0.2	<21.00	8.8



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility.
1	23rd 12h	St. Helier	S	2	bc+	55	51	6
2	23rd 10h	Hibernia	S	2	r.	50	48	5
3	24th 1h	Brighton	N'E	1	bc	58	52	8

General Inference.

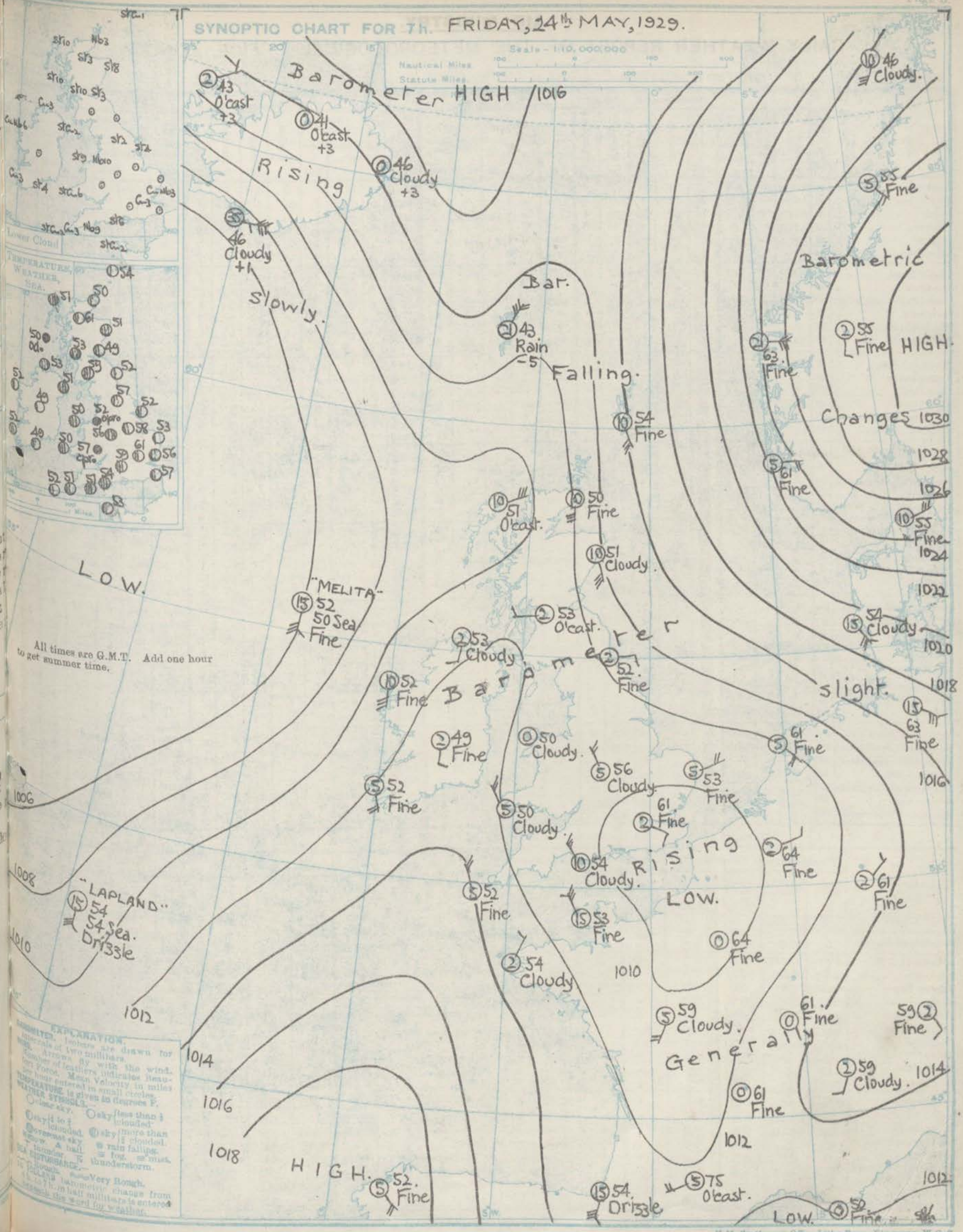
A shallow depression over S.E. England and N.E. France is moving slowly northeast and tending to fill up, and is followed by a ridge of high pressure. A large depression out on the Atlantic will move eastwards. In the East and Midlands, weather will become fine after some local thunderstorms, while in the West conditions will deteriorate after a short fine interval.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Friday, 24th May, 1929.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind variable finally northwest, light; local thunderstorms or thundery showers today; fine tomorrow; rather warm.	Fine throughout. Saturday in eastern and midland districts. Unsettled in the West.
5. S.W. England 6. South Wales 7. North Wales	Wind N.W., backing southwest, light; fine; moderate temperature.	
8. N.W. England 9. N. Midlands	As 0 - 4.	
10. N.E. England 11. S.E. Scotland	Wind variable, light; mainly fair but perhaps local thundery showers today; local coastal fog; rather warm inland.	
12. S.W. Scotland & Isle of Man 13 (A. W. Scotland, B. N.W. Scotland) 14. Mid-Scotland	Wind variable, light; mainly fair but perhaps local thundery showers; rather warm.	
15. N.E. Scotland 16. Orkneys and Shetlands	As 10 - 11.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S. , light, freshening later; fine today, probably some rain tomorrow; moderate to rather high temperature.	cond

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930 G.M.T. G. C. Simpson, F.R.S. Director.

* For code see page 1. † Trace = rain has fallen, but amount less than 0.1 mm.

SYNOPTIC CHART FOR 7h. FRIDAY, 24th MAY, 1929.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Friday, 24th May 1929. No. 144

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 24th: Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 24th: Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	64	1016.1	+2	S'E	2	bc	51	85	7	1500	StCu	4	CiSt	6	1016.2	0	SSE	3	b	54	75	8	1500	StCu	1	-	1	0
Stornoway	30	1011.1	-1	SE	4	str	•	•	6	•	•	•	•	10	1009.7	0	ENE	3	o/r	51	92	8	1500	St	10	-	10	1
Wick	81	1012.7	0	S	2	bc	48	97	6	1500	St	3	acu	5	1012.7	0	S	3	bc	50	97	8	2500	Nb	3	CiSt	7	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.5	+1	~~NNW~~	3	od	50	97	7	800	St	10	-	10	1
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.1	•	-	0	bc-	61	75	7	1500	St	3	acu	5	0
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.0	0	SSE	3	c	57	92	7	800	St	8	-	8	0
Malin Head	81	1010.4	+1	SW	1	cr	52	97	7	2500	Nb	4	aSt	10	1011.6	+2	SW	1	c	53	92	7	4000	Cu	3	CiCu	8	0
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.4	+2	W	1	o	53	92	5	1500	St	10	-	10	•
Edinburgh (Inchkeith)	199	1010.7	0	NNE	2	c	48	87	6	800	St	5	acu	8	1010.9	0	NNE	2	bc	49	92	6	800	St	3	CiCu	6	0
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.1	0	E	3	c	51	92	7	800	St	8	Ci	8	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.7	+1	ENE	1	c	59	65	6	-	-	0	Ci	10	1
Tynemouth	87	1012.1	+1	S	1	bc	50	85	6	800	St	3	Ci	4	1012.5	+1	E	1	b	52	85	7	-	-	0	acu	2	
Blacksod Point	18	1009.0	0	S	2	bc	52	85	7	•	Cu	6	-	6	1010.3	+2	S	3	bc	52	85	8	•	CuNb	6	-	6	3
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.4	+2	NE	1	c-	51	97	7	2500	StCu	2	aSt	9	1
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.2	•	(S)	1	b	49	92	8	-	-	0	CiCu	1	•
Holyhead	26	1010.5	0	-	0	cr cr	51	97	5	1500	Nb	9	aSt	10	1011.8	+2	-	0	c-	50	97	6	1500	St	9	-	9	0
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.6	+2	WNW	3	o/pr	52	97	6	1500	Nb	10	-	10	•
Chewton (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.7	+1	NW'W	3	c/r	55	97	7	800	St	6	aSt	10	
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.5	+1	SE	2	bc	57	75	6	2500	St	2	acu	3	2
Spurn Head	29	1011.0	0	SSE	3	b	52	97	7	-	-	0	-	0	1011.4	0	SE'S	3	bc	52	92	6	2500	St	4	-	4	•
Birmingham (Edgbaston)	685	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.9	+2	NNW	2	c	56	85	5	-	-	0	acu	9	•
Cranwell	236	1011.4	0	ENE	2	bc	51	85	6	-	-	0	Ci	2	1011.1	0	E	3	bc	58	85	6	-	-	0	Ci	5	0
Gorleston	14	1011.1	0	E'S	3	b	53	85	7	-	-	0	-	0	1010.5	0	ENE	2	b	53	92	6	-	-	0	Ci	1	
Valentia (Cahirciveen) P	30	1011.5	+2	SSW	2	bc	50	92	8	-	CuNb	4	-	4	1012.6	+4	S'E	2	bc+	52	85	8	2500	Cu	3	-	3	1
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.7	+4	SW	2	bcff	49	97	7	1500	St	4	-	4	1
Pembroke (St. Ann's H.)	160	1009.9	+1	NW	3	~~mno~~	50	97	4	800	St	10	-	10	1012.0	+1	NW	2	c/r	50	97	7	2500	StCu	6	CiCu	8	3
Ross-on-Wye	220	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.8	+3	NNW	1	c/pr	57	85	6	-	-	0	aSt	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.7	+2	NW	1	c-	56	85	6	4000	St	6	aSt	8	
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.4	+2	NW	2	c/r	58	85	7	4000	StCu	8	aSt	10	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.2	+2	ESE	1	c	59	75	5	-	-	0	acu	8	•
London (Kew Obsy.)	18	•	•	•	•	•	62	•	•	•	•	•	•	•	1009.6	+3	E'S	1	bc	61	75	5	4000	Cu	3	Ci	7	•
Croydon	244	1009.5	0	-	0	bc-	57	75	6	2500	StCu	2	acu	5	1009.5	+1	-	0	c+	60	75	6	5700	CuNb	6	acu	8	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.1	0	E	2	b	58	97	6	-	-	0	Ci	2	2
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.7	0	ENE	4	bc	56	85	6	4000	CuNb	3	Ci	7	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.1	0	NE	4	b	55	85	6	-	-	0	acu	1	•
Lympne	350	1009.1	-1	E'N	3	bc-	62	65	6	-	-	0	Ci	6	1009.2	+2	SSE	1	bc-	62	75	6	-	-	0	Ci	5	
Scilly (St. Mary's)	163	1012.0	+1	NW	3	c	51	92	8	4000	StCu	8	-	8	1013.5	+2	NW	2	bc	52	97	8	4000	StCu	2	acu	6	1
Falmouth (Pendennis)	200	1009.9	+1	NNW	2	c	51	92	7	4000	StCu	10	-	10	1012.4	+3	NNW	2	bc-	51	92	8	4000	Cu	3	acu	6	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.9	+2	NNW	4	c-	51	92	7	450	Nb	9	-	9	0
Portland Bill	82	1006.8	-1	NNW	3	c	57	85	8	1500	CuNb	9	-	9	1010.1	+3	NW	3	c	54	85	8	1500	St	6	aSt	9	1
Southampton (Calshot)	10	1008.4	0	NNW	2	c	58	85	8	4000	StCu	6	acu	8	1009.7	+2	NNW	2	c+	58	85	7	4000	StCu	6	acu	9	0
Dungeness	20	1008.3	-1	ENE	2	bc	53	92	7	-	-	0	CiCu	6	1009.1	+2	ENE	2	c	57	85	6	-	-	0	CiCu	6	2
Guernsey (Fort George) P	205	1009.2	0	W	3	c	53	92	6	2500	StCu	8	-	8	1010.8	+2	NW	4	bc+	53	92	7	4000	StCu	3	acu	7	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 23rd May

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 22nd to 9h. 23rd	Temperature. Max. 9h. -17h. 23rd	Rainfall†. Night 17h.-9h. 22nd-23rd	Rainfall†. Day 9h.-17h. 23rd	Sunshine. Sunrise to 17h. 23rd	Sunshine. Sunrise to Sunset 22nd.
(1)	(2)	(3)	(4) °F.	(5) °F.	(6) mm.	(7) mm.	(8) hr.	(9) hr.
Berwick-on-Tweed	c	co	48	60	-	-	1.5	3.1
Douglas (I. o. M.)	oprc	oprc	50	57	3	3	0.0	0.0
Llandudno	cbc	cbc	56	71	-	-	1.9	0.1
Colwyn Bay	cbcbbc	bc	58	73	-	-	2.2	0.5
Rhyl	bc	bc	57	70	-	-	0.7	0.3
Wallasey	cbc	bcc	53	71	-	-	3.6	0.3
Southport	ocbc	bcco	46	73	-	-	4.6	1.3
Blackpool	oco	bccu	57	71	0.1	-	4.9	1.1
Ilkley	b	b	49	76	-	-	8.1	1.3
Cleethorpes	b	b	53	78	-	-	11.6	6.5
Skegness	bcb	b	55	72	-	-	11.4	7.1
Aberystwyth	cpc	c	52	64	1	-	0.0	0.1
Bath	cbcb	bbcc	53	77	-	-	5.2	2.4
Cheltenham	cbcb	bbcu	53	79	-	-	9.1	1.2
Leamington Spa	c	c	53	79	-	-	8.8 ~~9.0~~	~~7.2~~ 2.9
Lowestoft	b	b	52	66	-	-	11.6	11.9
Harwich & Dovercourt	bcz	bcz	55	67	-	-	12.2	12.4
Maldon	b	b	51	73	-	-	12.0	10.5
Southend	b	bcz	57	78	-	-	11.0	13.1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	rr	rr	54	69	0.6	1	0.0	0.5
Penzance	orr	orrm	54	56	11	14	0.0	0.0
Paignton	oz	coupop	52	65	-	Trace	0.7	3.3
Torquay	co	op	53	66	-	Trace	1.2	3.9
Jersey	bc	bcp	52	78	-	Trace	9.3	6.3
Weymouth	b	by	52	68	-	-	7.8	3.4
Bournemouth	b	bbc	49	74	-	-	10.5	3.8
Ventnor	bz	bz	52	69	-	-	10.2	5.4
Portsmouth (S'thsea)	b	b	52	75	-	-	10.0	6.0
Bognor	b	b	52	68	-	-	11.4	4.8
Littlehampton	bc	bc	55	74	-	-	11.1	5.8
Worthing	b	b	61	74	-	-	12.2	8.7
Brighton	b	b	52	79	-	-	12.0	9.8
Eastbourne	b	b	55	65	-	-	12.2	11.8
Hastings	bbcb	b	55	77	-	-	12.4	12.7
Folkestone	bcyby	bbcy	55	76	-	-	11.9	12.4
Dover	y bc	bcy	55	73	-	-	12.1	12.9
Tunbridge Wells	bcb	b	46	78	-	-	12.1	10.8
Ramsgate	b	b	54	70	-	-	12.2	12.4
Margate	bc	bc	57	76	-	-	12.1	12.1
Deal	b	b	49	73	-	-	12.3	12.9

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †: See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ✠ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24656 Saturday 25th MAY 1929.

Observations at 13h. G.M.T. 24th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1015.2	-1	SE	4	bc	55	65	8	1500	StCu	2	ASt	4	•
Stornoway	1012.3	+2	S	2	odd	52	97	7	1500	St	10	-	10	•
Wick	1012.8	0	S	2	bc	62	92 (red: 85)	7	1500	St	5	CiSt	7	•
Tiree	1012.6	+3	WSW	2	bc	57	85	8	2500	Cu	5	-	5	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1014.2	0	SE'E	3	bc	55	75	6	800	St	4	-	4	0
Malin Head	1013.6	+2	N	1	bc-	54	92	7	4000	Cu	3	CiCu	4	•
Renfrew	1012.8	+1	-	0	cr	57	92	5	1600	Nb	6	ASt	10	1
Edinburgh (Inchkeith)	1011.9	+1	NNE	1	o	52	92	6	800	St	10	-	10	1
Leuchars	1012.4	0	NE	1	c	55	85	6	~~6400~~ (red: 2500)	StCu	8 (red: 9)	-	8 (red: 9)	1
Eskdalemuir	1012.5	+2	WSW	3	or+	57	85	6	2500	Nb	10	-	10	1
Tynemouth	1012.3	0	ESE	2	bc	55	85	7	2500	Cu	7	-	7	•
Blacksod Point	1012.6	+2	ESE (red: S)	4	c	57	75	8	•	StCu	8	-	8	•
Donaghadee	1014.0	+2	E'S	2	bc-	58	85	8	4000	CuNb	2	CiSt	4	•
Birr Castle	1013.7	•	SW	1	bc	59	65	8	2500	StCu	5	-	6	•
Holyhead	1013.9	+2	NW	1	c+	55	86	8	2500	Cu	1	ACu	9	1
Liverpool (Bidston)	1013.7	+2	NW'W	4	bc-	56	85	8	-	-	0	CiCu	7	•
Chester (Sealand)	1012.9	+1	NW'N	4	bc-	60	75	8	2500	StCu	5	ACu	7	0
Harrogate	1011.8	0	S	1	c	67	65	6	2600	St	7	ASt	10	•
Spurn Head	1011.9	0	SSE	3	bc	56	92	6	6700	StCu	4	CiCu	6	•
Birmingham (Edgbaston)	1012.2	+1	NNW	2	c+	64	65	7	4000	Nb	7	ASt	9	0
Cranwell	1011.2	+1	SE	1	c/r	73	55	6	5700	StCu	7	ASt	9	0
Gorleston	1011.8	+1	E'N	1	b	64	75	6	-	-	0	Ci	1	•
Valentia (Cahirciveen)	1014.9	+3	~~WSW~~ (red: SSW)	4	bc	58	65	8	2500	Cu	4	-	4	5
Roches Point	1015.5	+2	SW	3	bc	56	75	9	2500	Cu	3	-	3	•
Pembroke (St. Ann's H.)	1014.7	+2	NW	2	bc-	53	85	7	-	-	0	CiSt	6	•
Ross-on-Wye	1012.1	+2	N	2	c+	66	65	7	4000	Cu	10	-	10	0
Leafield	1011.7	+2	NNW	2	bc-	67	65	6	-	-	0	ACu	5	0
Winchester (Worthy Dn.)	1011.1	+3	WNW	2	c	73	65	7	4000	CuNb	6	ACu	9	0
S. Farnborough	1010.4	+1	W	1	bctl	76	45	6	6700	CuNb	2	Ci	3	0
London (Kew Obsy.)	1011.0	0	S	1	bc	75	45	6	4000	StCu	7	-	7	0
Croydon	1010.8	+1	SSW	1	bc-	76	45	6	7200	StCu	2	ACu	7	0
Shoeburyness	1011.9	+1	NE	2	c-	62	92	6	4000	StCu	6	Ci	8	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1011.7	+1	E'S	1	c	58	75	6	-	-	0	ACu	8	0
Lympne	1011.6	+2	ENE	2	cr_0	67	76	6	5700	StCu	10	-	10	0
Scilly (St. Mary's)	1016.5	+3	W'N	3	b	58	75	8	4000	Cu	2	-	2	•
Falmouth (Pendennis)	1016.5	+3	NW	2	bc	59	65	8	4000	Cu	2	ACu	5	•
Plymouth (Cattewater)	1014.8	+3	NNW	4	c	58	55	9	4000	StCu	2	ACu	9	1
Portland Bill	1011.2	+4	W	3	c	67	86	8	1500	St	7	ASt	9	•
Southampton (Calshot)	1011.9	+3	SW'W	3	bc	67	75	6	6700	Cu	1	ACu	7	0
Dungeness	1011.7	+3	~~WSW~~ (red correction)	3	c/r	60	85	7	2500	StCu	7	ASt	10	•
Guernsey (Fort George)	1016.1	+3	NW	4	c	66	85	8	-	-	0	ACu	8	•

Observations at 18h. G.M.T. 24th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1015.4	-1	SE	3	c	51	85	7	1500	StCu	5	ASt	9	•
Stornoway	1012.4	0	SE	1	c-	53	86	8	4000	Cu	4	ACu	8	0
Wick	1013.9	+3	S	1	c	61	92	7	1500	Nb	10	-	10	4
Tiree	1013.0	0	-	0	bc	69	85	8	2500	St	1	ACu	3	1
Nairn	1013.4	•	-	0	cRR	52	97	7	800	Nb	9	-	9	•
Aberdeen	1014.0	0	ESE	3	o	60	92	6	800	St	10	-	10	1
Malin Head	1014.0	+1	ENE	2	bc	63	85	8	4000	Cu	2	ACu	3	0
Renfrew	1012.8	0	NW	1	c-	62	75	8	4000	Cu	3	ACu	8	•
Edinburgh (Inchkeith)	1012.8	+1	W	1	orr	64	97	4	450	Nb	10	-	10	0
Leuchars	1013.5	+1	-	0	olr	50	92	6	450	St	10	-	10	•
Eskdalemuir	1012.8	+1	SSW	3	c	69	85	7	2500	StCu	9	-	9	•
Tynemouth	1013.1	+1	NE	1	or_0	51	92	6	800	Nb	10	-	10	1
Blacksod Point	1012.9	0	S	4	bc	55 (red: 57)	75	8	•	Cu	5	-	5	4
Donaghadee	1014.2	0	S	2	bc	57	85	8	4000	Cu	2	ACu	5	1
Birr Castle	1013.8	•	SW	2	bc	60	65	8	4000	StCu	6	-	6	•
Holyhead	1014.9	+1	SW	3	b-	56	75	8	4000	Cu	1	Ci	2	0
Liverpool (Bidston)	1014.9	+2	WNW	3	c	64	85	9	2500	CuNb	2	CiSt	8	•
Chester (Sealand)	1014.4	+2	NW'N	3	c	56	75	8	4000	StCu	9	-	9	•
Harrogate	1012.7	+1	SW	3	bc/r	60	85	7	-	-	0	ASt	7	•
Spurn Head	1012.5	0	SE'S	2	c+	51	92	6	1500	St	5	ACu	9	2
Birmingham (Edgbaston)	1014.1	+3	NW	3	cr_0	60	76	8	5700	Nb	4	ASt	10	•
Cranwell	1012.5	+2	W'S	3	c	69	75	6	4000	StCu	8	ACu	9	•
Gorleston	1012.4	+1	E	1	bc+	56	75	6	-	-	0	ACu	6	0
Valentia (Cahirciveen)	1014.9	0	S'E	4	bc	56	75	8	2500	Cu	3	ACu	4	3
Roches Point	1016.5	+2	SW	3	bc	57	75	9	2500	Cu	3	-	3	1
Pembroke (St. Ann's H.)	1016.4	+3	W	2	b-	53	85	9	2600	Cu	1 (red: 2)	Ci	1 (red: 2)	1
Ross-on-Wye	1014.2	+3	WNW	2	c	62	75	9	4000	StCu	10	-	10	•
Leafield	1013.2	+2	NW	3	c+	64	75	7	5700	StCu	4	ACu	9	•
Winchester (Worthy Dn.)	1013.7	+4	W'S	4	c/pr_0	63	75	7	5700	StCu	9	ASt	10	•
S. Farnborough	1012.7	+2	-	0	bctl	65	85	6	2500	CuNb	4	ACu	7	•
London (Kew Obsy.)	1012.8	+3	-	0	btl	63	85	6	1500	St	1	ACu	2	•
Croydon	1012.7	+3	-	0	bc-	67	75	6	-	-	0	Ci	4	•
Shoeburyness	1012.6	+1	NE	1	bc	63	92	6	-	-	0	ASt	7	•
Clacton-on-Sea	1012.6	+1	ESE	2	bc	62	75	6	4000	CuNb	3	CiSt	7	0
Felixstowe	1012.5	+1	E	1	c	59	75	6	5700	StCu	4	ASt	9	1
Lympne	1012.7	+2	SW	2	b	70	65	7	5700	StCu	1	Ci	2	•
Scilly (St. Mary's)	1018.9	+2	W'N	2	bc	65	85	8	4000	Cu	3	-	3	1
Falmouth (Pendennis)	1017.6	+3	NW	2	bc-	56	65	8	4000	Cu	3	-	3	0
Plymouth (Cattewater)	1017.2	+3	NW	4	b	58	55	9	-	-	0	Ci	1	0
Portland Bill	1014.4	+2	WNW	3.	c	55	75	8	1500	CuNb	8	ASt	9	1
Southampton (Calshot)	1014.3	+2	NWW	4	c	65	75	7	-	-	0	ACu	8	0
Dungeness	1012.6	+2	WSW	3	bc+	59	85	7	4000	CuNb	4	CiCu	7	2
Guernsey (Fort George)	1017.4	+4	WNW	4	bc-	64	85	8	-	-	0	ACu	4	4

LONDON OBSERVATIONS. Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations.

Station	Heights above M.S.L. in feet	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 13h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	cr_0czy	ctr_0dl	bcm_0	77	56	51	2	-	2.7	•	•	7
Croydon	244	$bccr_0z$	$bcctr_0y$	cm_0bc	79	55	50	Tr	-	4.9	•	•	6
Greenwich (Royal Obsy.)	149	c	$ctlRr_0cb$	bcmc	78	55	44	14	-	3.0	77	68	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	1.5	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	77	56	-	0.5		3.0	51	71	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	2.6	•	•	•
Camden Square	110	c	ctorc	•	79	56	-	1	-	•	•	72	•
Kensington Palace	80	bc	cop	•	77	56	50	1	-	•	(At 18h) 86	73	•
Hampstead Observatory	450	•	•	•	76	57	53	2	-	4.1	•	80	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 25th

South Kensington			
Max.	Time.	Min.	Time.
1.3	9-11h 24th	<0.3	4h 25th

Kew Observatory			
Max.	Time.	Min.	Time.
0.3	11h 24th	<0.1	6h 25th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 24th 21 h. 15 m. to 25th 2 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	5.15	2.05	40
δ Ursae Minoris	5.15	2.03	39

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

25th & 26th MAY, 1929.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.41	11.50	19.55
	3.45	11.50	19.56
Greenwich	3.58	11.57	19.56
	3.57	11.58	19.58
Wick	3.30	12.09	20.50
	3.28	12.09	20.52
Valentia	4.37	12.38	20.40
	4.36	12.38	20.41

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain, rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♁ = lunar halo.
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.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0=no swell } Calm or
1=mod. swell } slight
2=heavy swell } sea.
3=no swell } Moderate
4=mod. swell } sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

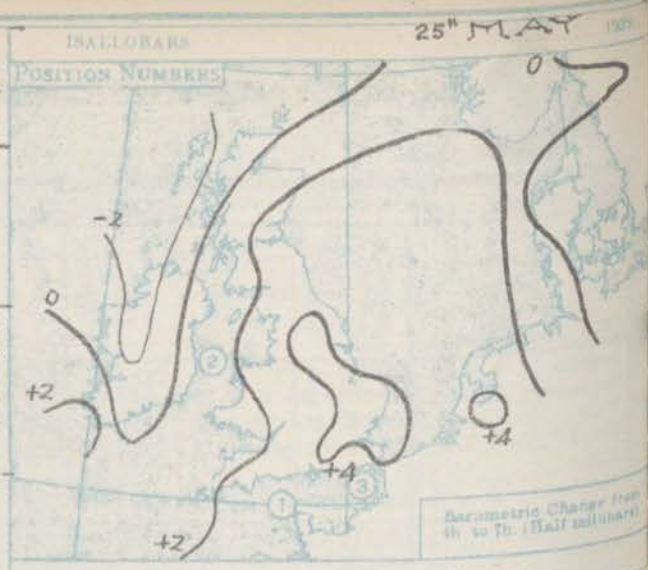
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-18h. 24th	Weather. 18h.-18h. 24th	Weather. 18h. 24th to 1h. 25th	Weather. 1h.-7h. 25th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 24th Hours.
Lerwick	bbcq	bcc	c	cor.rF	57	48	•	-	-	2	3.30	9.8
Stornoway	rd	c	b-bc	b-bc	55	45	•	2	<8.00	-	-	2.3
Wick	b-bc	c	or.r	r.Ft	52	46	•	-	-	2	24.00	•
Tiree	p.c	bc	bc	bcc	60	46	41	0.5	<8.00	-	-	7.5
Nairn	bcc	cRR	Rcbc	bcm	66	47	•	13	15.30	4	<21.00	3.3
Aberdeen	cbcz.	bczcom.	amRir.m	omcm.	57	49	42	-	-	3	<21.00	4.8
Malin Head	cbce	bc	b	bbcc	55	47	•	-	-	-	-	10.4
Renfrew	odrr.	cr.c	cbw	bmw	64	33	30	2	<8.00	-	-	1.9
Edinburgh (Inchkeith)	beco	orrtmmm	tor.mFq	bcm.mu	(54)	(47)	43	3	14.30	Tr	<21.00	6.8
Leuchars	cwcm.	c,orr.	oromof	offcf	56	50	48	3	14.30	2	<21.00	4.0
Eskdalemuir	czcrm	rm.c	c	com.w	62	36	33	2	11.00	Tr	-	1.0
Tynemouth	bbc	bcoir.	oir	obc	55	50	45	Tr.	17.30	3	<21.00	•
Blacksod Point ...	bcq	bcq	bcq	bc	57	51	•	-	•	1	•	•
Donaghadee	cb	bc	bcb	bbc	60	46	•	-	-	-	-	•
Birr Castle	bcby	bc	bc	bco	63	47	40	-	-	-	-	11.6
Holyhead	cm.bc	cbc	bw	bwcm.	59	49	46	-	-	-	-	11.4
Liverpool (Bidston) ...	m.c	bccv	vcbcb	bbw	57	47	40	-	-	-	-	4.0
Chester (Sealand) ...	cpr	bcc	cbc	bcbm.	61	43	34	Tr.	11.00	-	-	2.3
Harrogate	bcc	cbcir.	bccir	bcb	68	47	42	Tr.	13.30	0.3	<21.00	5.5
Spurn Head	bc	bcc	cbrc	cbc	57	50	•	-	-	3	22.00	9.9
Birmingham (Edgbaston)	cpr	cpr	cbc	bcb	66	45	36	0.5	9.00	-	-	0.8
Cranwell	bccr.	cypc	cir.	bm.	73	47	44	Tr.	12.30	0.4	-	6.3
Gorleston	bz.	bbcz.	cbcm.	bcmfo	64	54	52	-	-	-	-	12.4
Valentia (Cahirciveen)	bccp.	bc	bcc	coir	58	52	48	Tr.	9.00	4	1.30	12.2
Roches Point	bcv	bcv	bcvbw	bwcoid.	60	52	•	-	-	0.1	5.30	•
Pembroke (St. Ann's H.)	cbc	bc	b	bcb	57	49	•	-	-	-	-	11.3
Ross-on-Wye	cbcc	c	cvbcb	bw	67	40	29	-	-	-	-	2.2
Leafield	corc	cp.	c	cbcwb	69	43	41	Tr.	9.00	-	-	3.4
Winchester (Worthy Dn.)	crmc	cbpr.	cbc	bcb	74	45	42	Tr.	9.00	-	-	4.3
S. Farnborough ...	crrybc	cTLRbct	bcc	cbc	77	52	48	17	<8.00	-	-	3.9
London (Kew Obsy.) ...	crczyet	cr,ctlr	bcm.	bcm.bc	77	56	51	2	<8.00	-	-	2.7
Croydon	bccrz.	bcctr.y	cm.bc	bcz.	79	55	50	Tr.	9.00	-	-	4.9
Shoeburyness	bcmcpr.	cm.bc	bcb	bbccm.	68	51	44	Tr.	11.00	-	-	8.0
Clacton-on-Sea ...	bcz	bcz	bcz	bcz	62	54	48	-	-	-	-	4.5
Felixstowe	bbccz.	crbcz.	cz.	cz.bcz.	63	52	43	Tr.	14.30	-	-	7.2
Lympne	bccr.z.	cpr.b	bbcwm	bccmbcm	73	49	44	0.2	11.00	-	-	8.2
Scilly (St. Mary's) ...	bcb	bbc	bcb	b	58	48	•	-	-	-	-	13.2
Falmouth (Pendennis)	bc	bc	bcb	b	60	46	•	-	-	-	-	13.9
Plymouth (Cattewater)	cr.vy	cbvy	bvy	boFe	61	(43)	40	Tr.	9.00	-	-	8.1
Portland Bill	c	c	cb	b	59	49	•	-	-	-	-	•
Southampton (Calshot)	cbm.	bccrmc	cbc	bcb	71	46	45	Tr.	13.30	-	-	4.7
Dungeness	bczirc	cbc	bcbc	bcm.	74	49	•	1	11.00	-	-	•
Guernsey	bcc	cbcq.	bc	bcc	57	49	•	-	-	-	-	8.8



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	24th 10h	"Hibernia"	-	0	bc	51	49	8

GENERAL INFERENCE.

A ridge of high pressure over England is intensifying somewhat while a depression centred south of Iceland is remaining almost stationary. Weather will be fair and warm generally apart from occasional rain or showers in Western Ireland and Western Scotland.

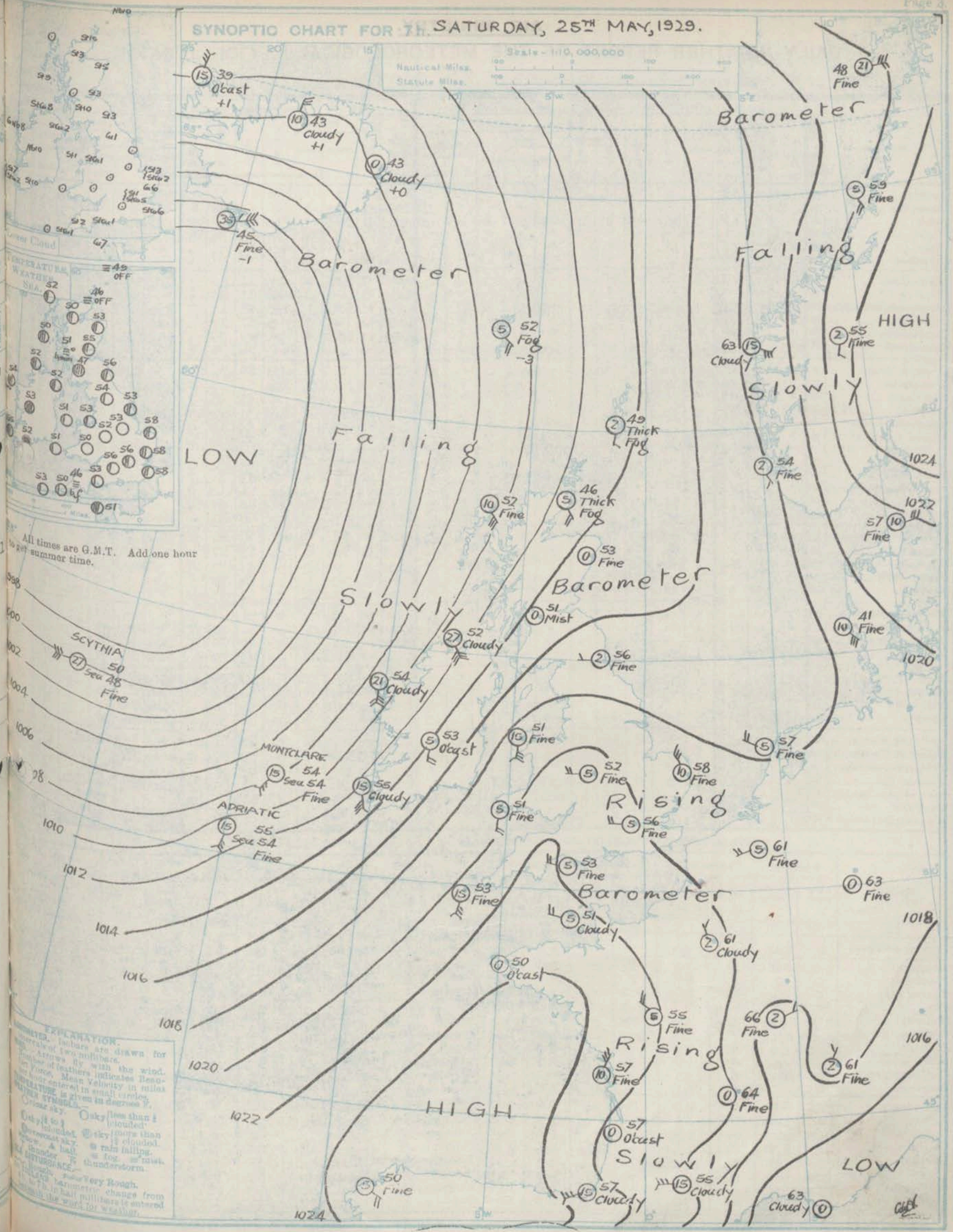
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 25th May, 1929.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Light variable winds; fine; warm; local mist or fog at night and in the early morning.	Fair and warm generally apart from occasional rain or showers in Western Ireland and Western Scotland.
12. S.W. Scotland & Isle of Man 13. (A. W. Scotland (B. N.W. Scotland 14. Mid-Scotland	Moderate southerly winds, cloudy with brighter intervals but occasional rain or showers; warm; local mist or fog at night and in the early morning.	
15. N.E. Scotland 16. Orkneys and Shetlands	Light variable or southerly winds; fair; warm; local mist or fog at night and in the early morning.	
17. N.W. Ireland	As 12 - 14.	
18. N.E. Ireland 19. S.E. Ireland	As 15 - 16.	
20. S.W. Ireland	As 12 - 14.	

W.H.P.

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0010 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For code see page 1

† Trace = rain has fallen, but amount less than 0.1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION....Saturday 25th MAY.....1929. No. 145.

Observations at 1h. G.M.T. 25th

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1013·6	-1	SE	3	c	50	92	7	1500	StCu	5	ASt	10
Stornoway	30	1012·6	0	S	1	b-	•	•	8	•	•	•	•	2
Wick	81	1013·3	0	W	2	or.fo	49	97	8	1500	Nb	10	-	10
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	81	1013·9	-1	SSE	2	b	49	85	8	-	-	0	-	0
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	100	1014·1	+2	SW	1	mmbc	52	97	4	800	St	4	ACu	6
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1015·1	+2	W	1	o/r	54	85	7	1500	Nb	10	-	10
Blacksod Point ...	18	1010·0	0	S	6	bc	53	75	7	•	CuNb	6	-	6
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	36	1017·0	+2	S	2	b	49	92	8	-	-	0	-	0
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1014·5	0	N'W	5	c	55	97	6	4000	Nb	6	CiCu	8
Birmingham (Edgbaston)	536	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1016·3	+3	W	3	bc-	55	92	5	-	-	0	ACu	4
Gorleston	14	1016·0	+2	W	3	bc-	57	85	6	-	-	0	CiCu	4
Valentia (Cahirciveen) P	30	1014·5	-2	S	5	od.	49	97	6	-	St	10	-	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	CiCu	•
Pembroke (St. Ann's H.)	160	1019·2	+3	SW	2	bc+	50	92	8	-	-	0	ACu	5
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	257	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	59	•	•	•	•	•	•	•
Croydon	244	1017·1	+2	WNW	2	bc-	58	92	6	5700	StCu	5	-	5
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1016·4	+1	N	2	bc+	55	92	6	-	-	0	ACu	5
Scilly (St. Mary's) ...	163	1019·6	0	SW'W	2	b	49	92	8	4000	Cu	1	-	1
Falmouth (Pendennis)	200	1020·5	+2	NW	1	b	47	92	8	5700	StCu	2	-	2
Plymouth (Cattewater)	88	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1019·2	+2	W'N	3	b	50	92	9	2500	StCu	1	CiCu	2
Southampton (Calshot)	10	1018·6	+3	WNW	2	bc-	53	85	8	2500	StCu	4	ACu	6
Dungeness	20	1016·5	+3	-	0	bc-	51	97	7	-	-	0	CiCu	4
Guernsey (Fort George) P	236	1021·0	+4	W	3	bc	50	92	7	5700	StCu	4	-	4

Observations at 7h. G.M.T. 25th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-8
Lerwick	1012·5	-1	S	1	ffo	49	97	4	1500	Nb	10	-	10	•
Stornoway	1009·6	-2	SSE	3	bc	52	85	8	-	-	0	ACu	3	2
Wick	1013·3	0	SSE	2	ffo	46	97	1	220	St	10	-	10	1
Tiree	1010·3	-2	S	5	C+	50	85	8	1500	St	9	-	9	4
Nairn	1013·4	•	-	0	bc-	50	92	6	1500	St	3	ASt	5	•
Aberdeen	1015·6	+2	-	0	bc-	53	92	6	800	St	5	-	5	0
Malin Head	1011·3	-2	SSE	6	c+	52	85	8	2500	StCu	8	ASt	8	3
Renfrew	1015·2	+2	-	0	mmb	51	85	4	-	-	0	CiSt	1	•
Edinburgh (Inchkeith)	1015·1	+2	SSW	1	bc	55	65	7	800	St	3	-	3	0
Leuchars	1015·9	+2	-	0	ffo	51	97	2	<150	St	9	-	9	•
Eskdalemuir	1017·9	+2	S	4	o	47	97	6	450	St	10	-	10	•
Tynemouth	1016·5	+3	W	1	bc	56	75	7	800	St	3	-	3	1
Blacksod Point ...	1009·0	0	S	5	c	54	92	8	•	CuNb	8	-	8	6
Donaghadee	1015·9	+1	SSW	2	bc-	52	75	8	4000	StCu	2	CiSt	4	1
Birr Castle	1014·1	•	S	2	o+	53	85	7	2500	Nb	10	-	10	•
Holyhead	1018·2	+2	S'W	4	b-	51	92	7	800	St	1	-	1	•
Liverpool (Bidston) ...	1019·8	+3	W'S	2	b	53	65	8	4000	StCu	1	ACu	1	•
Chester (Sealand) ...	1019·0	+3	S'E	2	b	52	85	6	-	-	0	-	0	•
Harrogate	1018·2	+5	SW	4	b	54	75	8	4000	Cu	1	-	1	3
Spurn Head	1018·2	+3	NNW	4	bc-	53	85	7	-	-	0	ASt	3	•
Birmingham (Edgbaston)	1020·8	+3	W	2	b	52	65	8	-	-	0	-	0	•
Cranwell	1019·9	+4	SW'W	3	b-	53	85	6	-	-	0	-	0	0
Gorleston	1019·0	+4	NNW	3	bc	58	85	6	2500	St	5	-	5	0
Valentia (Cahirciveen) P	1013·2	+2	S'E	4	c/r	55	92	6	450	St	9	-	9	3
Roches Point	1016·7	-1	SW	3	odo	52	97	6	800	St	10	-	10	4
Pembroke (St. Ann's H.)	1019·7	0	S	2	b-	51	92	8	-	-	0	CiSt	2	2
Ross-on-Wye	1020·8	+2	SW	2	b	50	75	9	-	-	0	-	0	•
Leafield	1020·2	+3	WNW	2	b	52	65	9	-	-	0	ACu	1	•
Winchester (Worthy Dn.)	1020·3	+2	WNW	3	b	52	75	8	-	-	0	-	0	•
S. Farnborough ...	1020·5	+4	WNW	2	b-	56	55	8	-	-	0	ACu	1	•
London (Kew Obsy.) ...	1020·6	+4	W	2	bc-	56	85	8	2500	StCu	6	-	6	•
Croydon	1020·2	+3	NW'W	3	C+	57	85	6	4000	StCu	9	-	9	•
Shoeburyness	1019·8	+5	NNW	2	c	58	92	6	4000	StCu	8	-	8	1
Clacton-on-Sea ...	1018·6	+4	NW	4	bc	58	85	6	7200	Cu	6	-	6	1
Felixstowe	1018·8	+5	NNW	3	bc	60	75	6	5700	StCu	5	-	5	•
Lympne	1019·2	+4	NNW	3	bc-	56	85	5	4000	StCu	4	-	4	•
Scilly (St. Mary's) ...	1020·4	+1	SSW	4	b	53	92	8	-	-	0	CiSt	1	1
Falmouth (Pendennis)	1021·3	+2	SW'S	1	b	50	92	8	4000	StCu	1	-	1	0
Plymouth (Cattewater)	1022·1	+2	NE	3	fb-	46	97	3	<150	St	2	-	2	0
Portland Bill	1021·7	+2	WNW	2	b	53	85	9	2500	StCu	1	CiCu	2	•
Southampton (Calshot)	1021·5	+4	NNW	3	b	53	75	8	-	-	0	ACu	1	1
Dungeness	1019·7	+3	WNW	2	bc+	58	85	5	2500	StCu	6	-	6	1
Guernsey (Fort George) P	1023·1	+3	WNW	2	C+	51	92	7	2500	Cu	7	ACu	8	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 24th MAY

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-23rd to 9h.-24th	Temperature. Max. 9h.-17h. 24th	Rainfall.† Night 17h.-9h. 23rd-24th	Rainfall.† Day 9h.-17h. 24th	Sunshine. Sunrise to 17h. 24th	Sunshine. Sunrise to Sunset. 23rd
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	b	bcc	45	53	-	-	8.6	1·5
Douglas (I. o. M.) ...	b-bcc	b-bcc	50	62	5	-	6·6	0.0
Llandudno ...	c	c	51	60	2	-	0.9	1·9
Colwyn Bay ...	c	c	53	60	0.3	-	0·2	2·2
Rhyl	bc	bc	52	57	0.5	-	2·3	0·7
Wallasey	cbc	bbc	51	59	Trace	-	3·8	3.6
Southport	poco	op.c	*52	57	Trace	Trace	2·3	4.6
Blackpool	oc	co	52	59	-	-	2·5	4.9
Ilkley	bbc	o	47	69	-	-	3·2	8·1
Cleethorpes	b	bo	51	58	-	-	10.1	11.6
Skegness	b	bbcoc	62	58	-	-	9.0	12.4
Aberystwyth ...	poc	cbc	51	63	3	-	0.6	0.0
Bath	bcc	bcc	55	69	0.5	-	3.9	5.2
Cheltenham‖ ...	oybc	bcco	56	69	-	-	2·0	9.1
Leamington Spa ...	c	cp	55	69	-	Trace	0.6	8.8
Lowestoft	b	b	51	62	-	-	11·1	13·1
Harwich & Dovercourt	bcz	bcz	53	64	-	-	7·2	13.5
Maldon	mbccc	ctrc	54	71	-	0.3	4.3	13.6
Southend	cor	c	54	70	-	0·2	6·0	12·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	rc	bc	49	58	3	-	7.5	0.0
Penzance	b	b	49	61	2	-	11·5	0.0
Paignton	czc	byv	54	65	3	-	2·3	0.7
Torquay	rpc	cbby	55	65	3	-	2.4	1·3
Jersey	pc	cbc	53	58	Trace	-	3.0	9·3
Weymouth	bc	bc	54	69	3	-	5.6	8.0
Bournemouth ...	bc	bc	55	71	Trace	-	5.5	10.9
Ventnor ...	pbcz	bcz	57	72	Trace	-	7.4	10.7
Portsmouth (S'thsea)	bbc	bbc	58	76	-	-	6·2	11·7
Bognor	bc	bc	58	69	Trace	-	6·6	12.8
Littlehampton ...	bc	bc	57	66	-	-	5.7	13.2
Worthing	c	bcb	58	72	Trace	-	6·3	14.0
Brighton	cbc	bcb	57	66	-	-	4·1	13.9
Eastbourne‖	oir.o	ocb	54	70	Trace	Trace	4.5	14·1
Hastings‖	coc	cbcb	55	69	-	-	5·1	14.0
Folkestone	bccm	cirbc	56	76	-	0.1	5·8	13.2
Dover	mbccp	cb	57	71	-	Trace	6·1	13.6
Tunbridge Wells ...	opocb	bcb	55	75	Trace	Trace	4.9	13.6
Ramsgate	blccm	cbm.	53	68	-	-	5.4	12.9
Margate	bcc	cbc	53	68	-	-	4·7	13.2
Deal	bbc	opb	52	73	-	Trace	5·1	13.5

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station § For code see page 1. †‡ See footnote page 1

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ♣ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24657 Sunday 26th May 1929. Page 1.

Observations at 13h. G.M.T. 25th

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1013.6	+1	S'W	2	FFbc	48	97	1	1500	Cu	3	ACu	5	•
Stornoway	1009.9	+1	S	6	o	55	85	8	2500	Nb	10	-	10	•
Wick	1012.8	-1	SSE	3	c	53	85	8	2500	StCu	4	CiCu	8	•
Tiree	1010.9	+1	S'W	6	bc	58	85	8	1500	St	5	ACu	7	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1015.7	0	S	4	b	63	55	7	4000	Cu	1	CiCu	2	0
Malin Head	1012.7	+1	S'W	5	bc	62	75	8	4000	Cu	4	ACu	6	•
Renfrew	1016.3	0	SSW	4	c+	59	65	8	4000	StCu	8	ACu	9	1
Edinburgh (Inchkeith)	1015.9	0	SSW	3	bc	62	55	8	-	-	0	ACu	4	•
Leuchars	1016.2	0	S	3	bc+	64	45	8	5700	Cu	1	CiSt	5	1
Eskdalemuir	1018.4	+1	SSW	6	bc-	56	65	8	2500	Cu	6	Ci	7	1
Tynemouth	1018.9	+2	SSW	2	bc	67	45	8	800	St	3	-	3	•
Blacksod Point	1011.6	0	S	5	bc	57	85	8	•	Cu	6	-	6	•
Donaghadee	1016.9	+1	SW	3	c+	59	75	8	2500	StCu	8	-	8	•
Birr Castle	1014.0	•	S	2	c	63	75	8	2500	StCu	9	-	9	•
Holyhead	1018.5	0	S'W	5	c+	57	75	8	4000	StCu	8	Ci	8	0
Liverpool (Bidston)	1019.9	+1	NW'N	3	bc+	61	45	9	4000	StCu	1	CiSt	5	•
Chester (Sealand)	1019.0	-1	ESE	1	bc+	67	55	9	4000	Cu	2	CiCu	4	0
Harrogate	1019.0	0	SSW	3	b	67	45	6	-	-	0	CiSt	1	•
Spurn Head	1019.6	0	SE	2	b	60	85	7	-	-	0	ASt	2	•
Birmingham (Edgbaston)	1020.6	0	WSW	3	b	65	35	8	4000	Cu	1	-	1	0
Cranwell	1020.1	0	SW'W	2	b	70	45	8	4000	StCu	1	-	1	0
Gorleston	1020.0	+1	NNE	4	b-	61	75	6	4000	Cu	2	-	2	•
Valentia (Cahirciveen)	1013.7	-1	S'E	4	c	67	92	8	800	St	10	-	10	1
Roches Point	1016.8	+1	SW	3	od	54	97	6	800	St	10	-	10	•
Pembroke (St. Ann's H.)	1020.2	0	S	3	c+	53	85	8	2500	StCu	8	ASt	10	•
Ross-on-Wye	1020.4	0	WSW	3	b	65	45	8	5700	Cu	1	-	1	0
Leafield	1020.4	0	SW	3	b	65	35	9	-	-	0	-	0	0
Winchester (Worthy Dn.)	1020.8	0	SW	2	b	67	35	8	-	-	0	-	0	0
S. Farnborough	1020.6	-1	WSW	1	b	69	35	8	-	-	0	-	0	0
London (Kew Obsy.)	1021.2	0	WSW	2	b-	67	35	8	2500	Cu	1	-	1	0
Croydon	1021.1	0	-	0	b-	69	45	8	-	-	0	-	0	0
Shoeburyness	1020.8	+2	NNW	1	bc	69	75	7	5700	Cu	5	-	5	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1020.5	-1	SSW	1	bc	71	45	7	5700	StCu	3	-	3	0
Lympne	1020.9	+2	SSE	3	bc	63	75	5	4000	StCu	7	-	7	0
Scilly (St. Mary's)	1021.3	+1	SW'S	4	c	57	65	7	4000	StCu	9	-	9	•
Falmouth (Pendennis)	1021.6	-1	SSW	3	bc+	57	85	8	4000	StCu	5	-	5	•
Plymouth (Cattewater)	1022.8	0	S	3	b	58	75	9	4000	Cu	1	-	1	1
Portland Bill	1022.8	+1	SW	2	b	53	85	8	1500	StCu	1	-	1	•
Southampton (Calshot)	1022.2	0	WSW	4	b	62	55	8	-	-	0	-	0	0
Dungeness	1021.3	+3	SW	2	c-	59	75	7	1500	StCu	8	-	8	•
Guernsey (Fort George)	1023.8	0	WNW	1	b-	57	65	9	2500	Cu	2	-	2	•

Observations at 18h. G.M.T. 25th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1014.3	-1	S	3	bc	53	85	7	1500	Cu	2	CiSt	5	•
Stornoway	1011.3	+1	S	6	bc-	57	75	8	4000	Cu	4	-	4	5
Wick	1015.4	0	SSW	3	bc	57	75	8	2500	StCu	4	CiSt	6	[illegible] 1
Tiree	1012.1	0	S'W	4	o	57	85	7	700	St	10	-	10	4
Nairn	1013.7	•	SSW	3	c+	61	65	8	2500	StCu	8	-	8	•
Aberdeen	1015.6	0	SSW	3	b	61	55	8	-	-	0	Ci	1	0
Malin Head	1012.9	+1	E	2	c	54	85	7	2500	StCu	10	-	10	1
Renfrew	1016.5	0	SSE	3	c	56	85	8	4000	StCu	10		10	•
Edinburgh (Inchkeith)	1016.1	+1	SW	3	bc	58	75	9	-	-	0	ASt	7	1
Leuchars	1016.1	0	WSW	3	bc-	60	75	7	5700	StCu	2	ACu	4	•
Eskdalemuir	1018.5	0	SW'S	5	c	53	75	8	2500	StCu	9	-	9	•
Tynemouth	1016.9	-1	S	2	bc	57	65	7	800	St	3	-	3	1
Blacksod Point	1010.8	-1	NW	2	oRR	50	97	6	•	Nb	10	-	10	2
Donaghadee	1016.7	0	SSW	4	c	54	92	7	2500	StCu	9	-	9	3
Birr Castle	1013.3	•	S	1	o	60	85	8	1500	St	10	-	10	•
Holyhead	1018.1	-1	SSW	4	c	54	85	8	800	St	9	-	9	4
Liverpool (Bidston)	1018.6	0	N'W	2	b	62	45	9	-	-	0	CiSt	1	•
Chester (Sealand)	1017.9	-1	NWW	3	bc+	67	55	8	5700	StCu	2	ACu	3	•
Harrogate	1015.4	-1	SSW	2	b	66	45	7	-	-	0	-	0	•
Spurn Head	1018.9	0	SE'S	3	b	54	85	7	1500	St	2	-	2	2
Birmingham (Edgbaston)	1015.4	-2	SSW	3 [2]	b	67	35	8	-	-	0	-	0	•
Cranwell	1019.9	0	SW'W	3	b	67	45	8	-	-	0	-	0	•
Gorleston	1020.2	0	SSE	1	b	58	75	6	-	-	0	-	0	0
Valentia (Cahirciveen)	1011.9	-2	S'E	5	oro	55	97	6	450	St	10	-	10	3
Roches Point	1015.8	-2	SW	3	ffo	53	97	3	450	St	10	-	10	4
Pembroke (St. Ann's H.)	1018.8	-1	S	3	c	52	97	7	1500	Nb	7	ASt	9	2
Ross-on-Wye	1019.3	-1	SWW	3	b	64	55	8	-	-	0	-	0	•
Leafield	1019.9	-1	W	2	b	63	35	9	-	-	0	-	0	•
Winchester (Worthy Dn.)	1019.7	-1	WSW	2	b	65	45 [35 struck out]	9	-	-	0	-	0	•
S. Farnborough	1019.4	-2	SW	2	b	68	35	8	-	-	0	ACu	1	•
London (Kew Obsy.)	1019.7	-2	WNW	2	b	72	25	8	2500	Cu	1	-	1	•
Croydon	1019.3	-2	-	0	b	70	35	8	4000	Cu	1	-	1	•
Shoeburyness	1019.7	-2	ESE	1	b	65	92	6	-	-	0	ASt	2	•
Clacton-on-Sea	1019.7	-1	S	3	bc	61	85	6	4000	Cu	4	-	4	1
Felixstowe	1020.1	-2	E'N	2	bc	57	85	6	4000	StCu	2	ACu	3	1
Lympne	1019.9	-1	SE'S	1	b+	61	75	6	7200	StCu	2	-	2	•
Scilly (St. Mary's)	1019.7	-2	S'W	4	c	54	92	7	4000	StCu	10	-	10	2
Falmouth (Pendennis)	1020.7	-1	SSW	3	c+	55	85	8	4000	StCu	8	-	8	1
Plymouth (Cattewater)	1021.3	-1	SSW	3	b	55	85	9	4000	Cu	1	Ci	2	0
Portland Bill	1021.0	-2	SW	4	b	52	85	8	1500	StCu	1	-	1	1
Southampton (Calshot)	1020.8	-2	WSW	3	b	59	75	8	-	-	0	-	0	0
Dungeness	1019.9	-1	WNW	2	c+	55	85	7	2500	StCu	3	CiSt	10	2
Guernsey (Fort George)	1022.7	-2	NE	1	b	52	85	9	-	-	0	ACu	1	0

London Observations. Day: 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night (24 hours ended 9h)	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	by	by	bybm	73	51	42	-	-	12.1	*	*	6
Croydon	244	cbc	by	bcbr₀	73	49	48	-	-	11.1	•	•	6
Greenwich (Royal Obsy.)	149	cbzy	bzy	bcmz	77	49	38	-	-	11.2	29	65	6
City (Bunhill Row)	89	•	•	•	•	•	•	•	•	9.5	•	•	•
Westminster (St. James' Pk.)	97	•	•	•	73	57	*	-	-	10.9	41	74	•
Regent's Pk. (Botanic Gdns).	188	•	•	•	•	•	•	•	•	11.8	•	•	•
Camden Square	110	cb	b	•	76	56	•	-	-	•	•	65	•
Kensington Palace	80	bcb	b	•	73	53	45	-	-	•	(At 18h) 41	67	•
Hampstead Observatory	460	•	•	•						10.9	•		•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 26th.

South Kensington

Max.	Time.	Min.	Time.
0.8	7h 26th	<0.3	13-18h 25th

Kew Observatory

Max.	Time.	Min.	Time.
0.3	23h 25th	<0.1	11-17h 25th

Pole Star Record at Greenwich Obsy.

Exposure from 25th 21 h 30 m. to 26th 2 h 15 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	4 45	2 45	58
δ Ursae Minoris	4 45	2 34	54

Code for State of Ground.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew or wet grass but not wet ground.
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

26th & 27th May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.45 3.43	11.50 11.50	19.56 19.57
Greenwich	3.57 3.56	11.58 11.57	19.58 19.59
Wick	3.28 3.26	12.9 12.9	20.52 20.54
Valentia	4.36 4.35	12.38 12.38	20.41 20.42

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♁ = lunar halo.
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.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

Sea Disturbance.
0 = no swell; 1 = mod. swell; 2 = heavy swell } Calm or slight sea.
3 = no swell; 4 = mod. swell; 5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

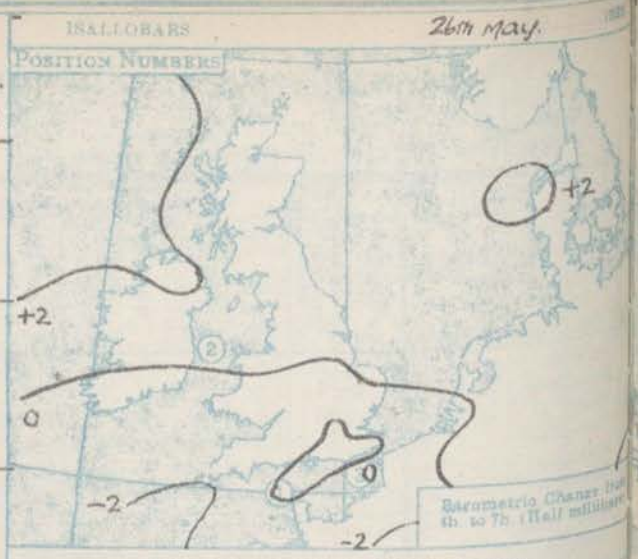
§ Telegraphic Code for Surface Visibility.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 yards
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. • Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

	Weather. 7h.-18h. 26th	Weather. 18h.-18h. 25th	Weather. 18h 25th to 1h 26th	Weather. 1h.-7h. 26th	Temperature. Max. Day 7h.-18h.	Temperature. Min. Night 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day 7h.-18h. mm.	Rainfall.† Day 7h.-18h. began.	Rainfall.† Night 18h.-7h. mm.	Rainfall.† Night 18h.-7h. began.	Sun 25th Hours.
Lerwick	oFFbc	bccFFbc	bc	bc	54	49	•	-	-	-	-	4.4
Stornoway	o	c	corro	r	59	49	•	-	-	4	1.30	9.9
Wick	Ffc	c	bbc	b.bc	57	49	•	-	-	-	-	•
Tiree	pd.c	c	o	pd.o	60	50	49	Tr.	<8.00	0.1	<21.00	3.9
Nairn	bccbc	bcq	bcw	bcb	67	51	•	-	-	-	-	6.7
Aberdeen	bcm.bz.	bbcyby	bybc	bc	63	50	44	-	-	-	-	12.1
Malin Head	cbc	bcc	cp.bc	bccr.	65	54	•	-	-	0.6	<21.00	3.0
Renfrew	mbcc	c	cbc	c	63	52	47	-	-	-	-	5.6
Edinburgh (Auchkeith)	bbc	bbc	bcb	bbc	63	52	46	-	-	-	-	10.6
Leuchars	cfbcy	bcy cbc	bcc	cwow	65	51	47	-	-	Tr.	-	7.8
Eskdalemuir	owm.bc	bcc	c	cod.c	58	50	50	-	-	0.1	6.30	7.2
Tynemouth	bc	bc	bcb	bmm	68	47	34	-	-	-	-	•
Blacksod Point	cbc	Ro	rr	Rr.	58	48	•	7	•	6	•	•
Donaghadee	bcc	cbcc	om.	oifo	59	49	•	-	-	-	-	•
Birr Castle	cbc	c	c	c	66	54	51	-	-	-	-	1.3
Holyhead	bbc	c	c	dld.c	58	52	52	-	-	0.4	24.00	8.3
Liverpool (Bidston)	bbvy	bcbyv	vybcc	bbc	65	49	45	-	-	-	-	14.4
Chester (Sealand)	bz.bcyv	bcbyvbc	bcb	bm.	71	41	38 7	-	-	-	14	13.8
Harrogate	bz	b	b	b	69	45	37	-	-	-	-	15.2
Spurn Head	bcb	b	bc	bc	65	50	•	-	-	-	-	14.3
Birmingham (Edgbaston)	b	b	b	bbc	68	49	34	-	-	-	-	14.7
Cranwell	b	by	byb	bbcm.	71	45	35	-	-	-	-	13.9
Gorleston	bcbq	bm.	bm.	bbcm.	64	50	43	-	-	-	-	11.9
Valentia (Cahirciveen)	c	cdorcor	ordd.	odr.d.	59	54	53	1	13.30	3	<21.00	0.3
Roches Point	oid.	oidffoe	ofdfd	adffoe	56	52	•	0.2	<8.00	0.2 3	<21.00	•
Pembroke (St. Ann's H.)	bbcc	cd.m.	od.F	OFd.	55	50	•	Tr.	15.30	Tr.	2.30	6.1
Ross-on-Wye	bvby	by	bbw	bmwbf	67	40	32	-	-	-	-	14.8
Leafield	by	byV	b	bbc	66	45	32	-	-	-	-	15.1
Winchester (Worthy Dn.)	bby	bVy	bvyb	b	69	40	32	-	-	-	-	14.6
S. Farnborough	by	by	byb	bw	72	47	37	-	-	-	-	13.5
London (Kew Obsy.)	by	by	by	bybcm.	73	51	42	-	-	-	-	12.1
Croydon	cbc	by	bccbz.	bccz.	73	49	48	-	-	-	-	11.1
Shoeburyness	cm.bc	bc	bz.	bz.	70	51	43	-	-	-	-	9.5
Clacton-on-Sea	bcz	bcz	bcz	bcz	71	53	50	-	-	-	-	9.8
Felixstowe	by	bcz.	bcz.	bcz.	71	47	40	-	-	-	-	9.8
Lympne	cz.	bcbz.	bz.cbc	bbccm	66	48	42	-	-	-	-	8.6
Scilly (St. Mary's)	bbcc	c	cd.c	C	58	52	•	-	-	Tr.	22.00	3.9
Falmouth (Pendennis)	bbc	bc	C	C	58	52	•	-	-	-	-	11.0
Plymouth (Cattewater)	bbcb	bV	bV	bwcm.	58	51	45	-	-	-	-	12.4
Portland Bill	b	b	b	bcifof	55	47	•	-	-	-	-	•
Southampton (Calshot)	by	byb	bbw	bwb	63	42	39	-	-	-	-	14.8
Dungeness	bcm.oc	c	c	cbc	65	49	•	-	-	-	-	•
Guernsey	cbcV	bV	bV	bbcw	59	47	•	-	-	Tr.	-	13.1



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
1	25th 12h	St. Helier	NW	2	bc	57	51
2	" 10h	Scotia	SI	1	c	53	48
3	26th 1h	Brighton	WNW	2	bc	51	50

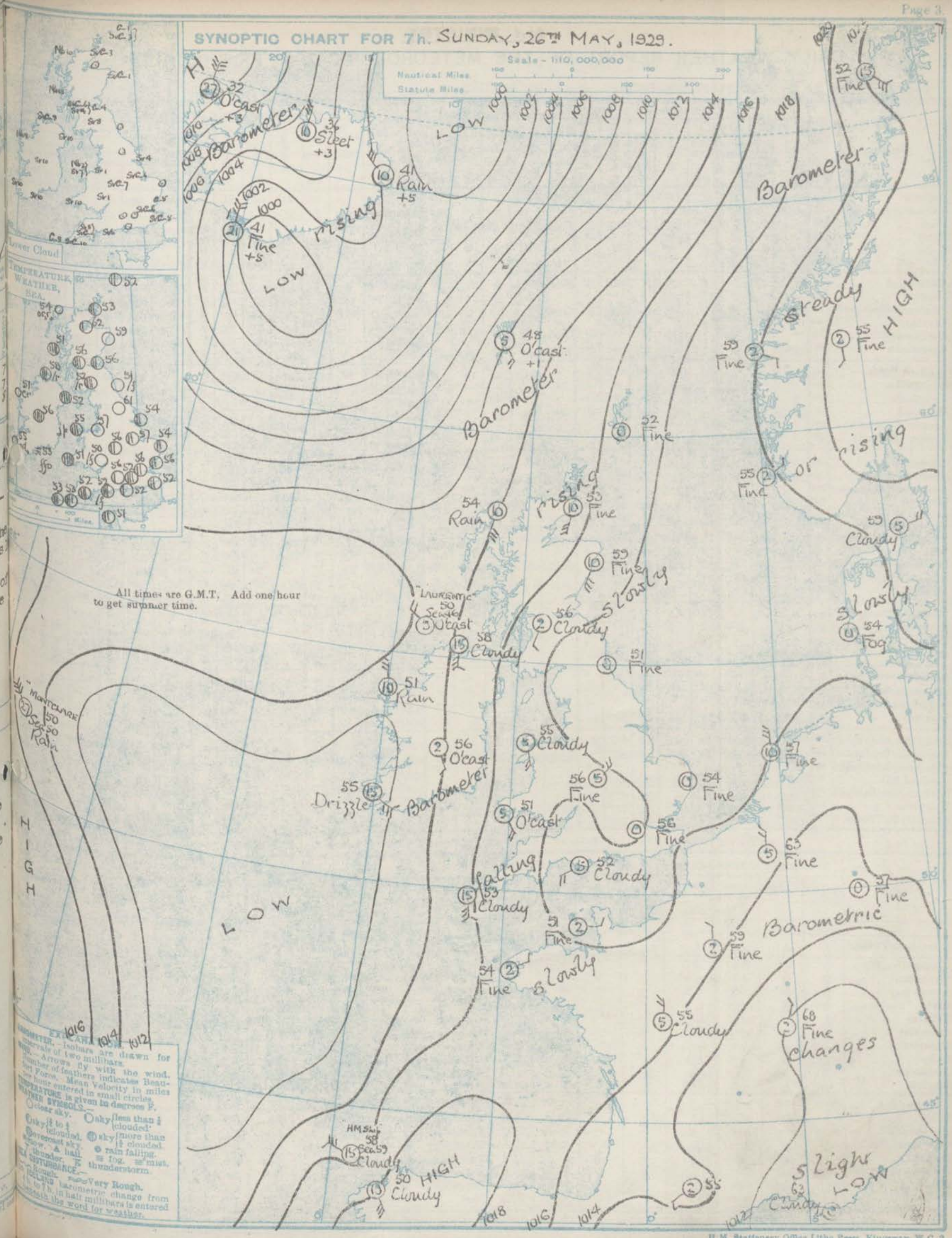
GENERAL INFERENCE.

With a depression near Icel[illegible] filling up and another off our southwest coasts drifting east-southeast, a ridge of high pressure will develop across the northern half of the British Is[illegible] Mainly fair quiet weather will predominate over a large part of the country, but it is probable that thundery conditions will develop in the South.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday, 26th May, 1929.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind variable to westerly, light to moderate; mainly fine apart from a tendency to thunder later; warm.	Mainly fine but thundery tendency in the South.
4. W. Midlands 5. S.W. England 6. South Wales	Wind S.E. to E., light to moderate; mainly fair, but a tendency to thunder later; moderate to rather high temperature.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind variable, light; cloudy at first, with a little local rain; becoming fine; warm.	
13. N.W. Scotland 14. Mid-Scotland	Wind southwest, light or moderate; cloudy with some local rain at first, improving; moderate temperature.	
15. N.E. Scotland 16. Orkneys and Shetlands	Wind southwest to variable, light to moderate; fine; warm.	
17. N.W. Ireland 18. N.E. Ireland	As 7 - 11.	
19. S.E. Ireland 20. S.W. Ireland	As 4 - 6.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1130 G.M.T. G. C. SIMPSON, F.R.S., Director.

† Trace = rain has fallen, but amount less than 0.1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

Air MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Sunday. 26th. May.....1929. No. 146...

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 26th. Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 27th. Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	54	1015.4	+1	S	2	bc	49	92	7	1500	Stu	3	-	3	1016.3	0	-	0	bc	52	85	7	1500	Stu	4	-	4	•
Stornoway	36	1012.6	0	S	1	crr	•	•	6	•	•	•	•	10	1013.9	+3	SSW	3	or.r.	54	97	7	2500	Nb	10	-	10	2
Wick	81	1014.7	+1	S	2	bc	52	85	8	2500	Stu	3	Cu St	6	1015.3	+1	SSW	3	bc	53	92	8	4000	Stu	3	-	3	1
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.4	+1	S	4	o	51	92	7	1500	Nb	10	-	10	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.4	•	W	1	b-	62	75	8	-	-	0	Fcu	2	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.6	+1	SSW	3	b	59	75	8	2500	Stu	1	Cicu	1	0
Malin Head	83	1012.2	0	S	5	bc	57	92	8	5700	Stu	3	Cicu	3	1014.6	+2	S	4	c/r	58	92	8	2500	Stu	9	-	9	1
Renfrew	89	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.2	+1	SSW	1	c	56	92	7	1500	Stu	10	-	10	•
Edinburgh (Inchkeith)	190	1016.8	+1	S	2	b	64	85	8	4000	Cu	2	-	2	1017.0	0	SSE	2	bc	56	92	8	4000	Cu	4	Fcu	6	0
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.9	+1	-	0	bcr	56	85	7	1500	Stu	7	-	7	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.6	+1	-	0	c/d	52	85	7	800	St	8	Fst	10	0
Tynemouth	67	1018.0	0	S	1	b	52	75	7	800	St	2	-	2	1018.4	0	-	0	b/m	51	85	6	-	-	0	-	0	
Blacksod Point ...	18	1011.7	0	-	0	OR-	49	97	6	•	Nb	10	-	10	1012.8	+1	N	3	cr	51	92	7	•	Nb	9	-	9	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.2	+2	SSW	2	o	52	92	7	1500	St	10	-	10	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.7	•	SSE	1	o	56	92	7	1500	St	10	-	10	•
Holyhead	30	1017.6	0	SE	2	cdo	53	92	8	2500	St	9	-	9	1017.0	0	SE	2	c/p	55	92	8	800	St	9	-	9	0
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.3	0	SEE	3	b	57	75	8	4000	St	1	-	1	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.0	0	SE	3	b	54	85	6	4000	Stu	1	-	1	
Harrogate	473	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.3	0	S	1	b	61	65	7	-	-	0	-	0	•
Spurn Head	29	1018.9	0	SWS	2	bc-	53	92	7	1500	St	3	-	3	1018.5	0	SE	1	bc	54	92	6	1500	St	4	-	4	1
Birmingham (Edgbaston)	585	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.4	-1	NE	2	bc+	56	65	7	4000	Stu	7	-	7	•
Cranwell	336	1020.3	0	SW'W	2	b	49	75	6	-	-	0	-	0	1019.2	0	NNE	1	bc+	57	75	6	5700	Stu	6	Ci	7	
Gorleston	14	1020.0	0	SSE	2	b	52	85	6	-	-	0	-	0	1018.6	0	-	0	bc+	54	85	5	-	-	0	Fcu	6	0
Valentia (Cahirciveen)P	30	1012.1	0	SW	3	ODO	55	92	5	-	St	10	-	10	1010.8	-1	SE'E	4	od.	55	92	7	800	St	10	-	10	3
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.0	-1	SE	3	S/o	53	97	3	450	St	10	-	10	4
Pembroke (St. Ann's H.)	160	1018.0	0	S	2	Fo	51	97	1	450	St	10	-	10	1016.7	-1	SE	2	o	51	97	6	450	St	10	-	10	2
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.1	-1	N'W	1	b/s	50	85	6	220	St	1	Cicu	1	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.8	-1	NWN	2	bc	52	85	8	4000	Stu	5	Fcu	6	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.3	0	-	0	b	56	85	8	-	-	0	Fst	1	•
S. Farnborough ...	267	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.7	-1	NW	1	bc+	52	85	8	-	-	0	Fcu	4	•
London (Kew Obsy.) ...	18	•	•	•	•	•	55	•	•	•	•	•	•	•	1017.9	0	-	0	bc+	56	75	6	4000	Stu	6	Fcu	7	•
Croydon	344	1019.4	-1	-	0	b.	52	75	6	-	-	0	Ci	1	1018.2	-1	-	0	c+	54	75	6	4000	Stu	9	-	9	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.9	-1	-	0	b	61	85	6	-	-	0	Fcu	2	1
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.3	-1	E	3	bc	56	85	7	4000	Cu	5	-	6	0
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.5	-2	ENE	1	bc	58	75	6	4000	Stu	2	Cicu	3	
Lympne	350	1019.3	-1	ES	2	b-	48	97	6	-	-	0	Ci	2	1017.9	0	E'N	1	bc-	58	85	6	4000	Stu	7	-	7	
Scilly (St. Mary's) ...	163	1018.5	-1	S'W	3	c	53	97	8	4000	Stu	8	-	8	1015.5	-2	S'E	4	c	53	97	7	4000	Cu	8	-	8	4
Falmouth (Pendennis)	200	1018.7	-1	SSW	3	c	53	97	7	4000	Stu	7	Fst	10	1016.5	-2	S'E	2	c	53	97	8	4000	Stu	10	-	10	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.8	0	ESE	2	c	52	92	7	450	St	9	-	9	0
Portland Bill	32	1020.3	-2	SW	3	b	50	92	9	-	-	0	-	0	1018.4	-1	WSW	2	c/s	52	85	6	450	St	6	Cu St	8	1
Southampton (Calshot)	10	1020.3	-1	NW	1	b	45	97	8	-	-	0	-	0	1018.2	0	-	0	b	52	85	7	-	-	0	Fcu	1	0
Dungeness	20	1019.6	-1	ENE	1	bc	50	92	8	2500	Stu	4	Cicu	7	1018.0	-2	E	1	bc-	52	92	7	2500	Stu	5	-	5	2
Guernsey (Fort George) P	205	1020.2	-2	-	0	b-	47	92	8	-	-	0	-	0	1018.4	-1	E	1	bc+	51	92	8	1500	Cu	1	Ci	5	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25th. May

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 24th. to 9h. 25th. °F.	Temperature. Max. 9h. 25th. °F.	Rainfall.† Night 17h.-9h. 24th.-25th. mm.	Rainfall.† Day 9h.-17h. 25th. mm.	Sunshine. Sunrise to 17h. 25th. hr.	Sunshine. Sunrise to Sunset. 24th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	b	b	48	65	Trace	-	12.5	8.6
Douglas (I. o. M.) ...	b	c	46	55	-	-	6.2	8.8
Llandudno ...	b	b	47	66	-	-	12.5	2.9
Colwyn Bay ...	b	b	50	65	-	-	10.7	2.1
Rhyl	b	b	40	67	-	-	12.6	3.0
Wallasey	b	b	46	64	-	-	12.5	3.8
Southport	b	b	43	65	-	-	12.2	2.8
Blackpool	bcb	b	44	64	-	-	12.3	2.6
Ilkley	b	b	43	69	-	-	12.0	3.2
Cleethorpes	b	b	50	68	2	-	12.4	10.1
Skegness	b	b	51	69	2	-	12.5	9.0
Aberystwyth ...	bc	bcc	46	63	-	-	11.6	8.3
Bath	b	b	46	68	-	-	11.9	3.9
Cheltenham ...	by	by	44	68	-	-	12.6	2.0
Leamington Spa ...	b	b	47	69	-	-	12.4	0.6
Lowestoft	b	b	54	61	-	-	10.5	11.1
Harwich & Dovercourt	b2	bc	54	72	-	-	7.6	7.2
Maldon	mb	bcb	50	72	-	-	8.5	4.3
Southend	bbc	b	55	72	-	-	9.9	6.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	bbc	bccbc	42	60	-	-	8.0	10.0
Penzance	bc	cb	45	59	-	-	6.9	13.4
Paignton	b	bvy	43	63	-	-	11.9	5.0
Torquay	bv	b	45	65	-	-	11.7	4.8
Jersey	bc	b	48	61	-	-	11.0	3.7
Weymouth	b	bv	45	60	-	-	12.5	6.5
Bournemouth ...	b	b	46	65	-	-	12.5	5.5
Ventnor ...	b	b	47	61	-	-	12.1	8.0
Portsmouth (S'thsea)	b	b	50	68	-	-	12.2	6.5
Bognor	b	bc	52	65	-	-	10.7	7.2
Littlehampton ...	b	b	56	65	-	-	11.3	7.0
Worthing	bcb	b	53	66	-	-	9.2	7.2
Brighton	bcb	b	55	64	-	-	8.9	5.4
Eastbourne	bcbc	bcbbc	55	67	-	-	9.4	6.4
Hastings	bcbbc	bcc	53	68	-	-	8.0	6.9
Folkestone	cmbcc	cbc	50	66	-	-	8.4	7.8
Dover	mbc	mbcb	51	66	-	-	10.3	7.5
Tunbridge Wells ...	bbc	bcb	53	73	-	-	8.8	6.5
Ramsgate	bcbm	bm	54	69	-	-	8.4	6.0
Margate	bcb	bbc	55	69	-	-	9.6	6.0
Deal	bbcb	b	52	69	-	-	9.7	6.5

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* Information not usually received. P The observations at 1h. G.M.T and at Guernsey, the sunshine readings are from an auxiliary station ‡ For code see page 1. †: See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-8h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24653 Monday, 27th May, 1929.

Observations at 13h. G.M.T. 27th

Stations. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1018.4	+2	S	1	b	55	85	7	1500	Cu	1	StCu	2	•
Stornoway	1017.5	+4	-	0	o	53	92	8	2300	No	10	-	10	•
Wick	1017.5	+2	SSW	3	bc	60	85	8	2500	Cu	3	CiSt	6	•
Tiree	1016.6	+2	S	4	c	57	85	8	1500	StCu	8	-	8	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1018.4	+1	SSE	3	b	66	65	8	4000	Cu	1	-	1	0
Malin Head	1016.4	+1	E	3	c	52	97	7	2500	StCu	9	-	9	•
Renfrew	1018.0	0	-	0	c	62	85	6	2500	StCu	10	-	10	1
Edinburgh (Inchkeith)	1018.1	+1	NE	2	c	55	85	8	1500	St	4	ASt	10	•
Leuchars	1018.3	+1	SE	2	c-	62	75	8	5700	StCu	8	-	8	1
Eskdalemuir	1017.0	-1	WSW	2	bc	66	55	8	4000	Cu	6	-	6	1
Tynemouth	1018.1	0	NE	1	b	57	85	6	-	-	0	-	0	•
Blacksod Point	[illegible]	0	S	1	c	61	85	8	•	CuNb	9	-	9	•
Donaghadee	1018.0	+2	SSE	3	c-	52	92	7	2500	StCu	5	ASt	9	•
Birr Castle	1013.9	•	SE	2	o	61	85	8	2500	St	10	-	10	•
Holyhead	1017.3	+1	NNW	1	bc	57	85	8	4000	StCu	3	-	3	0
Liverpool (Bidston)	1016.8	-1	ESE	5	c+	66	45	7	5700	StCu	9	-	9	•
Chester (Sealand)	1016.4	-2	E'S	4	c+	66	65	6	4000	Cu	8	-	8	0
Harrogate	1017.1	-1	SE	3	c+	69	45	7	-	-	0	ASt	9	•
Spurn Head	1018.1	0	SSE	3	bc	60	85	7	5700	StCu	4	-	4	•
Birmingham (Edgbaston)	1017.2	-1	NE	2	b-	62	75	8	2500	Cu	2	-	2	1
Cranwell	1018.0	0	E'S	2	c/r.	67	65	7	4000	StCu	9	-	9	0
Gorleston	1018.1	0	NE	3	b	58	75	6	-	-	0	-	0	•
Valentia (Cahirciveen)	1010.6	0	SE'E	4	or r	57	92	6	800	St	10	-	10	2
Roches Point	1014.4	0	SE	3	c	53	97	6	1500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1017.3	-1	S	2	bc-	57	85	8	2500	Cu	1	CiSt	4	•
Ross-on-Wye	1015.8	-2	E'S	3	bc	69	45	8	4000	Cu	4	-	4	0
Leafield	1015.5	-1	SSE	2	bc	69	45	7	4000	Cu	2	Ci	5	0
Winchester (Worthy Dn.)	1015.4	-1	SSE	2	bc	71	25	8	-	-	0	Ci	7	0
S. Farnborough	1015.5	-2	SE	3	bc+	72	45	7	4000	Cu	1	Ci	7	0
London (Kew Obsy.)	1016.0	-3	E'N	4	bc	71	45	7	4000	Cu	6	-	6	0
Croydon	1015.9	-3	ENE	2	bc	74	55	7	4000	StCu	7	-	7	0
Shoeburyness	1017.6	0	E	3	b	62	75	6	-	-	0	CiSt	1	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1017.3	-1	NE	4	b	60	85	7	5700	Cu	1	-	1	0
Lympne	1016.0	-2	NNE	3	b	65	65	•	-	-	0	-	0	0
Scilly (St. Mary's)	1015.4	0	SSE	4	bc	58	75	8	4000	Cu	4	-	4	•
Falmouth (Pendennis)	1016.1	0	SSE	3	bc-	57	75	8	4000	Cu	2	Ac	5	•
Plymouth (Cattewater)	1016.3	-1	SSW	3	bc+	57	75	8	1500	St	1	CiCu	7	0
Portland Bill	1016.5	-1	WNW	2	bc	55	85	8	1500	StCu	2	Ci	4	•
Southampton (Calshot)	1016.5	-1	-	0	bc+	63	75	8	-	-	0	Ci	3	0
Dungeness	1016.0	0	NE	3	bc	62	75	7	2500	StCu	5	-	5	•
Guernsey (Fort George)	1017.1	-1	ENE	1	bc	54	85	9	1500	St	2	Ci	4	•

Observations at 18h. G.M.T. 27th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1018.7	0	S	1	bc	54	85	7	1500	StCu	3	-	3	•
Stornoway	1018.5	+1	NNE	2	bc-	54	92	9	4000	Cu	2	ACu	4	0
Wick	1018.6	+1	E	2	bc	53	75	8	4000	Cu	2	CiSt	4	0
Tiree	1016.8	0	S'E	2	bc-	58	85	8	1500	StCu	7	-	7	3
Nairn	1016.8	•	-	0	bc+	57	85	8	2500	Cu	6	-	6	•
Aberdeen	1018.3	0	S	2	b	59	75	8	4000	Cu	1	-	1	0
Malin Head	1016.1	-1	E	4	bc-	55	92	7	4000	Cu	1	ACu	7	1
Renfrew	1016.9	-2	ESE	2	c r.	65	75	7	2500	CuNb	9	-	9	•
Edinburgh (Inchkeith)	1017.2	-2	NE	3	bc	55	85	8	4000	Cu	1	ASt	4	1
Leuchars	1017.8	0	ESE	2	b-	58	75	8	?	Cu	1	ACu	1	•
Eskdalemuir	1016.2	-1	ESE	4	bc-	64	45	7	4000	CuNb	5	ACu	7	•
Tynemouth	1017.7	-1	SE	1	bc	54	85	6	800	St	3	ACu	4	0
Blacksod Point	[illegible]	0	S'E	1	bc	60	85	8	•	-	0	A.Cu.	7	1
Donaghadee	1017.6	-1	SSE	2	b-	54	92	7	4000	Cu	1	-	1	1
Birr Castle	1012.9	•	SE	1	c	61	65	8	4000	StCu	9	-	9	•
Holyhead	1015.5	-2	NW	2	fjfb	51	97	2	-	-	0	-	0	0
Liverpool (Bidston)	1015.0	-2	ESE	3	o	66	55	8	-	-	0	-	0	•
Chester (Sealand)	1014.8	-2	E'S	2	bc	67	63	7	2500	StCu	3	-	3	•
Harrogate	1016.9	0	SSW	1	c	60	75	7	4000	Nb	8	ASt	9	•
Spurn Head	1017.3	0	E'S	3	c	51	92	7	4000	StCu	5	CiCu	8	1
Birmingham (Edgbaston)	1015.1	-2	NE	3	b	64	75	6	-	-	0	Ci	2	•
Cranwell	1016.9	-1	ENE	3	c	64	65	9	-	-	0	Ci	8	•
Gorleston	1015.9	-2	NNE	3	fjfo	50	92	2	800	St	10	-	10	0
Valentia (Cahirciveen)	1009.9	-1	E'S	4	c	56	75	8	2500	St	7	ASt	8	3
Roches Point	1013.9	-1	SE	3	c	54	92	8	2500	StCu	8	-	8	4
Pembroke (St. Ann's H.)	1014.7	-3	-	0	bc	59	65	8	2500	Cu	1	ACu	4	0
Ross-on-Wye	1014.2	-3	NE	2	bc-	69	45	8	4000	Cu	1	Ci	3	•
Leafield	1014.0	-2	S'E	1	bc+	69	45	8	4000	Cu	3	Ci	7	•
Winchester (Worthy Dn.)	1013.8	-1	S'E	2	bc	70	35	8	-	-	0	Ci	5	•
S. Farnborough	1013.6	-2	SE	2	b-	72	55	7	4000	Cu	1	ACu	2	•
London (Kew Obsy.)	1014.2	-2	E	3	bc+	70	55	7	4000	StCu	1	Ci	3	•
Croydon	1014.4	-1	ENE	4	bc+	67	55	7	5700	StCu	2	Ci	3	•
Shoeburyness	1014.9	-3	NE	2	c+	62	85	6	5700	Nb	6	ACu	8	•
Clacton-on-Sea	1015.2	-3	NE	4	bc	64	75	7	5700	Cu	7	-	7	2
Felixstowe	1015.2	-2	NNE	3	bc	59	75	7	4000	Cu	3	ACu	5	1
Lympne	1013.9	-3	NNE	4	c	60	75	6	4000	StCu	9	-	9	•
Scilly (St. Mary's)	1014.9	-1	SSE	3	bc+	54	92	7	4000	StCu	2	ACu	6	1
Falmouth (Pendennis)	1014.6	-2	S'E	2	bc	53	85	8	4000	Nb Cu	2	ACu	4	1
Plymouth (Cattewater)	1014.9	-1	S	1	b	54	85	8	4000	Cu	1	-	1	0
Portland Bill	1015.5	-3	W	2	bc	55	75	8	1500	StCu	3	-	3	1
Southampton (Calshot)	1014.6	-2	W'S	3	bc+	56	35	8	5700	StCu	5	Ci	6	0
Dungeness	1014.1	-3	NE	2	c+	60	75	7	2500	StCu	4	ACu	8	2
Guernsey (Fort George)	1015.4	-3	N	2	bc+	53	75	9	5700	StCu	3	ACu	6	0

London Observations

Day 7h.-18h., Kew & Croydon. 9h.-18h., Kensington. 9h.-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 6h. G.M.T. % (To-day.)	Visibility
Kew	18	bcmbty	bybcy	bc r,m	73	56	50	-	3	8.6	•	•	6
Croydon	264	c,bcy	bcy	bcyd	74	56	50	-	-	10.7	•	•	5
Greenwich (Royal Obsy.)	149	cz	cbz	bcbzm	72	56	44	-	-	8.9	43	78	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	7.8	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	72	57	-	-	-	10.0	57	71	•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	9.0	•	•	•
Camden Square	110	c	cbcc	•	78	56	-	-	-	•	•	76	•
Kensington Palace	80	bcb	b	•	74	57	53	-	-	•	(At 18h.) 62%	77	•
Hampstead Observatory	450	•	•	•	71	53	51	-	-	10.1	•	83	•

Atmospheric Pollution. Milligrams of Smoke per cubic metre.

24 Hr. ended 7h. G.M.T. 27th

South Kensington Max.	Time.	Min.	Time.
06	14h 27th	0.3	24h 26th

Kew Observatory Max.	Time.	Min.	Time.
Defective record			

Pole Star Record at Greenwich Obsy.

Exposure from 26th ... 21 h. 30 m. to 27th ... 2 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	4.45	1.53	40
δ Ursae Minoris	4.45	1.34	33

Code for State of Ground.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich times of sunrise, noon, and sunset.

27th-28th May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.43	11.59	19.57
	3.42	11.60	19.58
Greenwich	3.56	11.57	19.59
	3.55	11.57	20.0
Wick	3.26	12.9	20.54
	3.25	12.9	20.55
Valentia	4.35	12.38	20.42
	4.34	12.38	20.43

Beaufort Notation of Weather

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. o wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening skye
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.

< = less than (for cloud height). < = before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.

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.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.

0 = no swell } Calm or slight sea.
1 = mod. swell } Calm or slight sea.
2 = heavy swell } Calm or slight sea.
3 = no swell } Moderate sea.
4 = mod. swell } Moderate sea.
5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ Telegraphic Code for Surface Visibility.

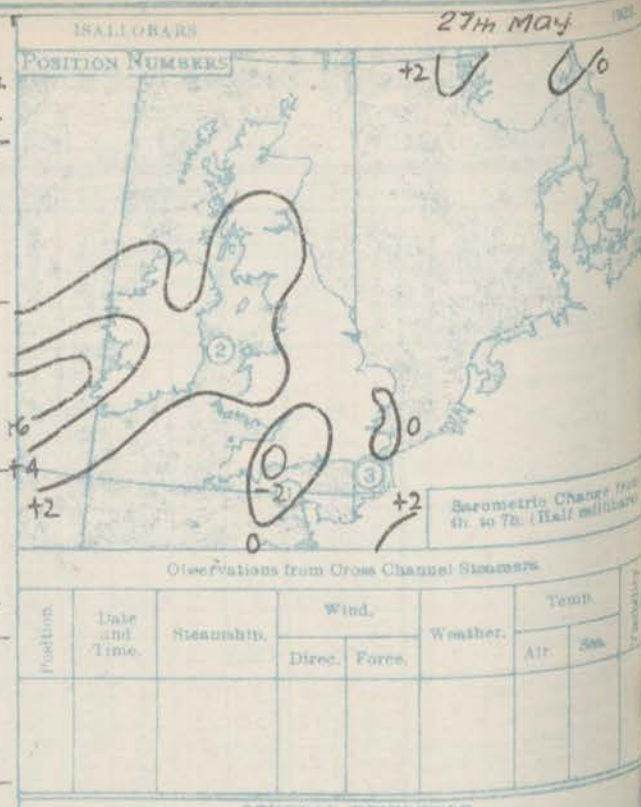
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6½ "
7. Good.	13½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 26th.	18h.-18h. 26th.	18h 26th. to 1h 27th.	1h.-7h. 27th.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL† Day, 7h.-18h. mm	began.	Night, 18h.-7h. mm.	began.	SUN 26th. Hours.
Lerwick	bcb	bbc	bc	bcc	56	47	•	-	-	-	-	14.4
Stornoway	o.b.r.o	b-bc	co.r.o	orc	57	61	•	Tr	<8.00	4	22.00	2.2
Wick	b-bc	b-bc	b-bc	b-bc	63	44	•	-	-	-	-	•
Tiree	m.o	c	bc	cbc	59	50	41	Tr	<8.00	-	-	0.2
Nairn	bbc bt	bbc bt	bcb	bcw	69	Ps1	•	-	-	0.1	<21.00	10.4
Aberdeen	b	b	b	bofbcf	67	47	37	-	-	Tr.	-	15.0
Kalin Head	ce	cbce	bcbbca	bcbe	62	49	•	-	-	-	-	4.3
Renfrew	cdoc	cbcc	cprcm	bmw	68	47	37	Tr	9.00	1	<21.00	2.5
Edinburgh (Inchkeith)	bcc	cbc	bcc	cobc	59	48	45	-	-	-	-	4.3
Leuchars	bcwc	cbcb	bbcbw	bwbwm	64	44	41	-	-	-	-	5.8
Eskdalemuir	cbcy	cytbcy	bcytc	cbcb	69	47	43	-	-	-	-	3.6
Tynemouth	b	bbc	bcci.bc	bc	58	48	34	-	-	0.1	<21.00	•
Blacksod Point ...	rbc	p.c	c	bcb	62	54	•	-	•	-	•	•
Donaghadee	oitc	cbcb	bc	bcb	60	49	•	-	-	-	-	•
Birr Castle	hrt	hrcp	cb	bx	63	40	30	-	-	-	-	3.7
Holyhead	bbc	bcbt	fbcbw	bm.w	63	50	43	-	-	-	-	8.4
Liverpool (Bidston) ...	bbbcc	cbcby	ybbc	bbcc	67	54	48	-	-	-	-	11.9
Chester (Sealand) ...	bm.bcc	cgz.bc	bcbm.	bbcwm	70	45	39	-	-	-	-	12.5
Harrogate	bbcc	cir.	c	cbc	70	43	37	0.4	14.30	-	-	8.2
Spurn Head	bc	bcc	cafcbw	bcc	60	44	•	-	-	Tr.	<21.00	13.3
Birmingham (Edgbaston)	ctlRbc	bc	bbc	bcorf	67	50	48	2	9.00	2	5.30	8.0
Cranwell	c,cp.	c	bcm.	ormcpc	70	47	46	Tr	12.30	0.1	3.30	5.5
Gorleston	bcm.b	bffoe	ffoc	or.c	59	48	47	Tr	14.30	0.5	1.30	8.4
Valentia (Cahirciveen)	od.orcr	crrc	cid.	cp.c	58	47	40	9	<8.00	0.2	22.00	0.7
Roches Point	foec	c	c	coid.	55	50	•	Tr	-	1	7.30	•
Pembroke (St. Ann's H.)	cbc	bcb	b	b	59	50	•	-	-	-	-	9.1
Ross-on-Wye	bbc	bcy	byzbmk	cmgr	70	63	48	-	-	1	6.30	12.7
Leafield	bc	c	bc	ctlcor.	72	51	51	-	-	0.2	5.30	11.9
Winchester (Worthy Dn.)	bbybcy	bcyv	bcaycr.c	crctlr.	73	53	49	-	-	2	<21.00	13.7
S. Farnborough ...	by	bcy	bybcp	ctlrcrr	75	52	45	-	-	5	<21.00	11.6
London (Kew Obsy.) ...	bcm.bcy	bybcy	bcyc	cr.m	73	55	50	-	-	3	1.30	9.6
Croydon	cz.bcy	bcy	bycl	clm	74	56	50	-	-	-	-	10.7
Shoeburyness	bcbz.	bbcz.	ctlr.	bc	66	53	50	-	-	0.2	<21.00	10.7
Clacton-on-Sea ...	bcbz	bbcz	cptlr	ctlrbc	66	53	52	-	-	15	<21.00	9.8
Felixstowe	bcz.b	bbc	bcprtlr	ctlrc	65	51	48	-	-	3	22.00	12.6
Lympne	bz.	bbccz.	cz.bbcl	ctlr.cm.	67	51	49	-	-	Tr.	1.30	8.5
Scilly (St. Mary's) ...	cbc	bc	bccbc	bc	59	50	•	-	-	-	-	8.7
Falmouth (Pendennis)	cbc	bc	bc	bcc	58	49	•	-	-	-	-	8.6
Plymouth (Cattewater)	cb	bcb	b	bwc	60	49	38	-	-	-	-	12.0
Portland Bill	bcitbc	bc	bccv	c	56	52	•	-	-	-	-	•
Southampton (Calshot)	bbc	bbcy	bycp.bc	bccplm	66	55	52	-	-	1	<21.00	13.8
Dungeness	bc	bcc	cbcit	ctlrcbc	63	52	•	-	-	2	1.30	•
Guernsey	bcy	bcy	bccy	cprt	58	50	•	-	-	1	1.30	13.7

27th May



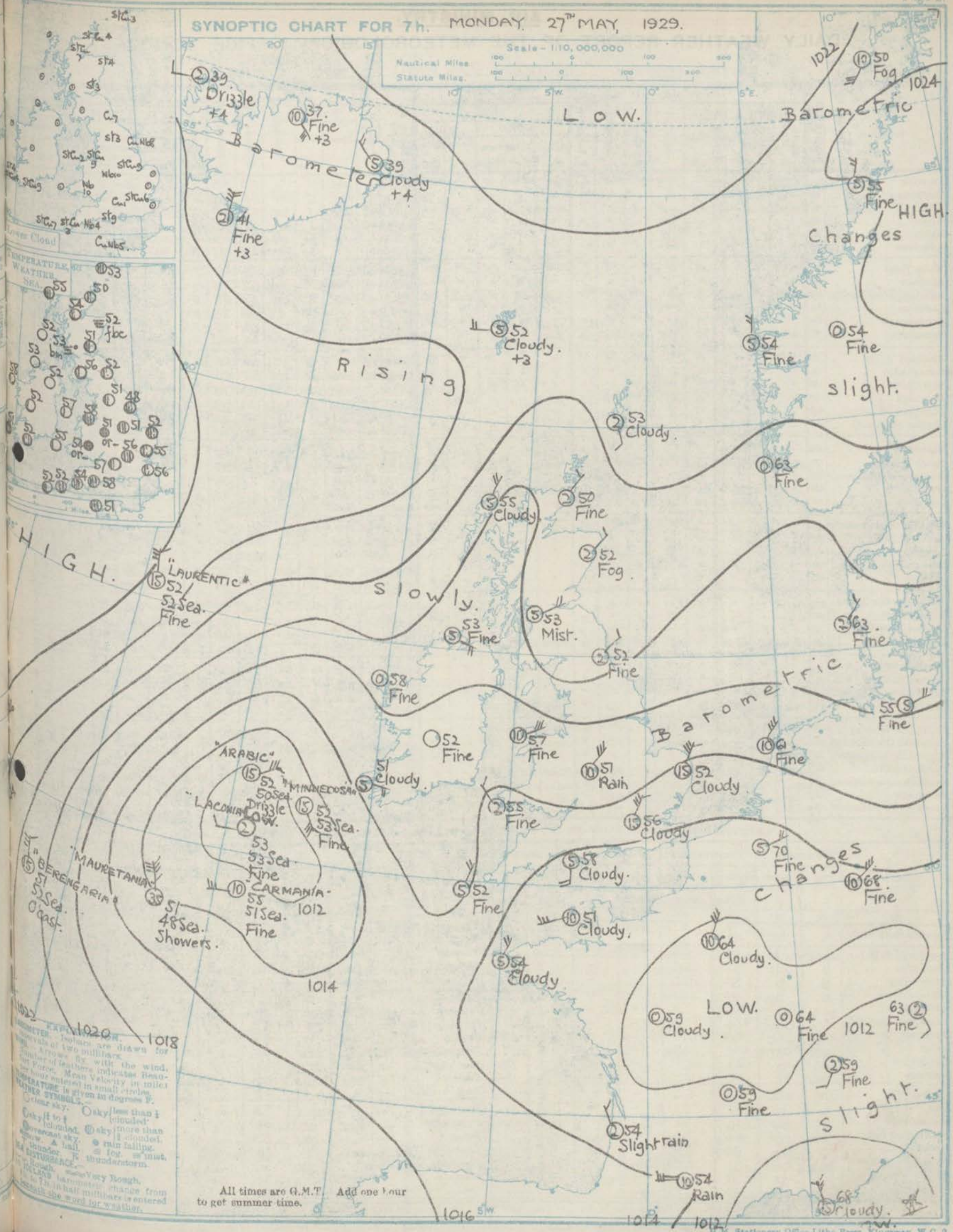
Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Pressure.

GENERAL INFERENCE.

Shallow depressions, located over France and off Southwest Ireland, are slowly filling up. Winds will be mainly easterly with bright intervals but further local thunderstorms.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Monday, 27th May, 1929.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light to moderate, easterly or variable winds; bright intervals but tendency for further local thunderstorms; hazy and warm inland; moderate temperature on coasts with some local mist or fog.	Probably Similar.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Variable winds, light to moderate; bright periods, chance of local thunderstorms; some morning mist; rather warm.	
10. N.E. England 11. S.E. Scotland	As 1 - 4.	
12. S.W. Scotland & Isle of Man	As 5 - 9.	
13. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland	Variable winds, mainly between east and north, light to moderate; bright intervals; local showers; moderate temperature to rather warm.	
16. Orkneys and Shetlands	Light variable winds; bright intervals; local coastal mist, perhaps fog; cool on coasts, warm inland.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5 - 9.	



H.M. Stationery Office—Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Monday..27th..May.....1929. No.147...

Observations at 1h. G.M.T. 27th

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-1
Lerwick	54	1022·1	+1	-	0	bc	49	92	7	1500	St.Cu.	4	-	4	
Stornoway	30	1020·1	0	NE	2	c	*	*	6	*	*	*	*	10	
Wick	81	1020·2	+1	NE	1	bc	49	97	8	4000	St.Cu.	2	Ci.St.	4	
Tiree	33	*	*	*	*	*	*	*	*	*	*	*	*	*	
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	
Malin Head	51	1017·6	+1	SSE	3	2bc	54	92	7	5700	St.Cu.	4	-	4	
Renfrew	56	*	*	*	*	*	*	*	*	*	*	*	*	*	
Edinburgh (Inchkeith)	199	1018·1	0	NE	3	c	50	97	8	1500	St.	7	A.Cu.	10	
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	
Tynemouth	67	1018·9	+1	-	0	bc	49	85	6	800	St.	3	-	3	
Blacksod Point ...	18	1015·4	0	S	3	c	55	75	7	*	Cu.	8	-	8	
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*	
Holyhead ...	28	1015·4	0	-	0	b	57	92	5	-	-	0	A.Cu.	1	
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	
Harrogate	473	*	*	*	*	*	*	*	*	*	*	*	*	*	
Spurn Head	29	1016·9	0	E'S	3	bc	48	92	7	1500	St.	7	-	7	
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	
Cranwell	336	1017·5	0	NE'N	2	no	48	97	4	1500	St.	10	-	10	
Gorleston	14	1015·7	-1	NNE	4	c	50	97	6	4000	St.Cu.	10	-	10	
Valentia (Cahirciveen) ‖	30	1013·1	+5	S	3	odd	50	97	6	*	St.	10	-	10	
Rocher Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	
Pembroke (St. Ann's H.)	160	1014·9	+1	W	2	b	53	75	8	-	-	0	Ci.St.	2	
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	
Leafield	812	*	*	*	*	*	*	*	*	*	*	*	*	*	
Winchester (Worthy Dn.)	372	*	*	*	*	*	*	*	*	*	*	*	*	*	
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*	
London (Kew Obsy.) ...	18	*	*	*	*	*	61	*	*	*	*	*	*	*	
Croydon	244	1014·7	0	S'E	1	c	58	85	6	4000	Cu.Nb.	9	-	9	
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	
Lympne	350	1013·9	0	E	2	c/bl	54	92	7	4000	St.Cu.	9	-	9	
Scilly (St. Mary's) ...	163	1015·0	0	W	2	bc	51	97	8	4000	St.Cu.	5	-	5	
Falmouth (Pendennis)	200	1014·5	+1	-	0	bc+	50	92	7	4000	St.Cu.	7	-	7	
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	
Portland Bill	52	1013·0	+1	-	0	c	57	35	9	1500	St.	9	-	9	
Southampton (Calshot)	10	1014·4	-2	NNW	2	bc-	57	75	8	2500	Cu.Nb.	3	A.Cu.	5	
Dungeness	20	1013·4	+2	NE	2	c/bl	53	85	7	2500	St.Cu.	8	-	8	
Guernsey (Fort George) ‖	206	1013·6	+1	-	0	c	53	75	9	2500	St.Cu.	8	-	8	

Observations at 7h. G.M.T. 27th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-1
Lerwick	1022·4	+1	SSE	1	c	53	85	8	1500	Stcu	3	Ast	8	
Stornoway	1020·0	+1	NNE	2	c/r	55	92	8	-	-	0	Acu	8	
Wick	1021·3	+1	NE	1	bc	50	97	8	2500	Stcu	4	CiSt	6	
Tiree	1019·3	+1	NNE	1	br	52	92	8	-	-	0	-	0	
Nairn	1020·6	*	-	0	bc	54	85	6	4000	Stcu	7	-	7	
Aberdeen	1021·5	+1	NE	1	Gbc	52	97	3	4160	St	4	-	4	
Malin Head	1019·5	+2	ESE	2	b	53	97	7	-	-	0	-	0	
Renfrew	1020·2	+3	ENE	2	mmb	53	85	4	-	-	0	-	0	
Edinburgh (Inchkeith)	1021·3	+3	NE	2	bc	51	85	6	800	St	3	-	3	
Leuchars	1021·1	+3	E	2	b	53	85	6	-	-	0	-	0	
Eskdalemuir	1020·1	+2	N	3	b	56	65	7	-	-	0	Ci	1	
Tynemouth	1020·5	+2	NE	1	bc+	52	85	7	2500	Cu	7	-	7	
Blacksod Point ...	1018·6	+2	-	0	b	58	65	8	*	-	0	Acu	2	
Donaghadee	1019·3	+2	NNE	1	b	52	92	7	-	-	0	-	0	
Birr Castle	1017·4	*	N'W	1	b	52	75	8	-	-	0	Cicu	2	
Holyhead ...	1016·3	+2	E'N	3	b	57	85	5	5700	Stcu	2	Acu	2	
Liverpool (Bidston) ...	1017·8	+2	E	2	c+	58	65	5	5700	Stcu	3	-	3	
Chester (Sealand) ...	1017·4	+2	WNW	1	mmc	56	85	4	5700	Stcu	8	-	8	
Harrogate	1019·4	+1	W	2	bc-	51	75	5	2500	St	3	Acu	4	
Spurn Head	1017·9	0	ENE	4	c+	48	97	6	4000	CuNb	8	Ast	10	
Birmingham (Edgbaston)	1017·5	+1	NE	3	or-	51	97	3	1500	Nb	10	-	10	
Cranwell	1017·8	0	N	3	c	51	92	6	4000	Stcu	3	-	3	
Gorleston	1015·7	0	NNE	4	c+	52	85	6	-	-	0	Ast	10	
Valentia (Cahirciveen) ‖	1016·6	+6	ES	2	c	51	85	8	1500	St	8	-	8	
Rocher Point	1017·0	+3	SW	2	c	52	97	8	2500	Stcu	3	-	3	
Pembroke (St. Ann's H.)	1015·2	+1	NW	1	b	55	92	8	-	-	0	CiSt	2	
Ross-on-Wye	1016·0	+2	N'E	2	or-	54	92	5	1500	Nb	10	-	10	
Leafield	1015·7	-1	N'E	3	orr	52	97	5	800	Nb	10	-	10	
Winchester (Worthy Dn.)	1013·5	-1	N'W	4	cr.	56	92	7	4000	Stcu	7	Ast	3	
S. Farnborough ...	1013·8	0	N	3	bc/r	57	92	6	4000	Cu	1	Ci	7	
London (Kew Obsy.) ...	1014·6	0	N'E	4	c/r	56	85	6	4000	Stcu	6	Ast	10	
Croydon	1014·3	0	N'E	3	c	59	85	5	4000	St	6	Ast	3	
Shoeburyness	1014·2	0	NE	4	bc	59	92	7	-	-	0	CiSt	6	
Clacton-on-Sea ...	1014·9	0	NE	4	bc	55	85	7	-	-	0	CiSt	7	
Felixstowe	1014·7	0	NNE	5	c	58	85	6	-	-	0	Ci	8	
Lympne	1012·9	-1	NNE	4	bc-	54	97	5	450	St	5	Ci	7	
Scilly (St. Mary's) ...	1016·0	+1	N'E	2	bc	52	97	8	4000	Stcu	7	-	7	
Falmouth (Pendennis)	1014·6	0	N'W	2	c+	52	92	7	4000	Stcu	3	CiSt	8	
Plymouth (Cattewater)	1014·1	0	NNW	3	c	54	75	8	4000	Nb	4	CiSt	10	
Portland Bill	1012·3	-2	S	2	c+	58	75	8	1500	St	3	Ast	10	
Southampton (Calshot)	1013·1	-1	N	3	c	59	92	6	1500	CuNb	8	CiCu	9	
Dungeness	1012·1	+1	NNE	3	bc-	56	92	7	-	-	0	Acu	6	
Guernsey (Fort George) ‖	1013·8	-1	W	3	c	51	75	8	1500	CuNb	5	Ast	10	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26th May

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-26th to 9h.-27th	Temperature. Max. 9h.-17h. 26th	Rainfall.† Night 17h.-9h. 26th-27th	Rainfall.† Day 9h.-17h. 26th	Sunshine. Sunrise to 17h. 26th	Sunshine. Sunrise to Sunset. 25th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	b	bc	47	58	-	-	12·2	15·0
Douglas (I. o. M.) ...	odbf	ccb	49	64	2	0·5	6·4	6·2
Llandudno ...	b	bcb	52	64	-	-	11·8	15·0
Colwyn Bay ...	b	b	54	66	-	-	11·0	13·2
Rhyl	b	b	47	71	-	-	12·6	13·7
Wallasey	bbc	bcb	46	68	-	-	9·3	14·7
Southport	bo	bom	*46	70	-	-	8·9	14·7
Blackpool	bbc	cbc	47	70	-	-	9·3	14·4
Ilkley	bc	cr	40	68	-	1	6·5	13·5
Cleethorpes	b	b	45	61	-	-	12·3	14·4
Skegness	bbc	bc	49	62	-	-	11·1	13·6
Aberystwyth ...	bxc	bbc	50	64	-	-	11·6	13·3
Bath	b	b	41	73	-	-	11·4	14·7
Cheltenham ...	by	by	46	74	-	-	12·0	14·6
Leamington Spa ...	ctlr	cu	44	70	5	-	6·5	14·6
Lowestoft	b	bm	50	57	-	-	8·8	12·7
Harwich & Dovercourt	bcz	bz	51	65	-	-	11·2	9·3
Maldon	bcc	b	50	67	-	-	8·8	10·3
Southend	cbc	b	55	67	-	-	8·7	11·7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	cbc	bcbc	52	64	-	-	9·0	8·8
Penzance	b	b	53	60	-	-	7·5	7·1
Paignton	omoc	b	49	58	-	-	6·6	14·7
Torquay	oem	ocb	50	62	-	-	7·4	14·3
Jersey	bc	bc	46	69	-	-	12·5	13·5
Weymouth	mbb	bbvy	47	65	-	-	10·0	14·4
Bournemouth ...	b	b	41	70	-	-	12·2	15·0
Ventnor ...	bf	bz	47	63	-	-	12·0	14·1
Portsmouth (S'thsea)	b	b	47	71	-	-	12·1	14·6
Bognor	b	b	47	65	-	-	11·6	13·1
Littlehampton ...	b	bbc	55	64	-	-	11·2	12·6
Worthing	bcb	bbc	49	70	-	-	11·2	10·8
Brighton	bbc	bc	50	65	-	-	11·3	10·1
Eastbourne	b	bbcc	49	65	-	-	10·8	9·7
Hastings‖	b	bbcc	53	71	-	-	9·7	8·0
Folkestone	bbc	bc	49	71	-	-	9·1	9·3
Dover	mob	bbc	50	68	-	-	10·0	11·7
Tunbridge Wells ...	bcb	bbc	49	74	-	-	9·7	10·8
Ramsgate	b	bbc	50	63	-	-	10·3	9·2
Margate	bcb	bbc	51	61	-	-	11·0	10·8
Deal	obbc	bbc	50	63	-	-	10·1	10·9

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* Information not usually received. ‖ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24659 Tuesday 28th May 1929.

Observations at 13h. G.M.T. 27th

Stations. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Heights Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1022.9	+1	E	1	bc	60	75	8	1500	St Cu	3	ast	5	•
Stornoway	1022.7	+2	NE	2	bc-	59	[illegible]	8	4000	Cu	3	-	3	•
Wick	1023.2	+2	NE	1	ifo	52	92	2	450	St	10	-	10	•
Tiree	1021.9	0	NNE	1	b-	58	85	8	-	-	0	-	0	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1022.8	0	ENE	2	c	57	85	7	800	St	8	-	8	0
Malin Head	1022.2	+2	NNE	2	bc+	56	92	7	-	-	0	Ci Cu	5	•
Renfrew	1021.0	0	NE	2	b	71	35	6	-	-	0	-	0	0
Edinburgh (Inchkeith)	1021.3	+1	NE	2	b	55	75	8	2500	St	1	-	1	•
Leuchars	1021.9	0	ESE	2	b	61	55	8	-	-	0	-	0	0
Eskdalemuir	1020.3	0	NE	3	b+	69	45	8	-	-	0	Ci	1	0
Tynemouth	1021.6	+1	NNE	1	bc	56	55	7	4000	Cu	3	a Cu	6	•
Blacksod Point	1021.4	+1	N	3	bc	61	75	8	•	-	0	a Cu	6	•
Donaghadee	1020.3	+1	N'E	2	bc	59	75	6	-	-	0	ci St	3	•
Birr Castle	1018.0	•	E	1	c	70	65	8	4000	Cu	3	Ci St	8	•
Holyhead	1018.2	+1	NNE	1	c r₀	59	65	6	4000	St	9	a Cu	9	5
Liverpool (Bidston)	1018.3	+1	NE	3	c-	67	55	5	-	-	0	a St	8	•
Chester (Sealand)	1017.7	0	N	2	bc/pc	65	75	5	4000	St Cu	6	-	6	0
Harrogate	1020.0	+1	NE	2	b	67	55	8	-	-	0	Ci St	1	•
Spurn Head	1019.9	+1	ENE	4	ifc	50	97	2	220	St	8	a St	10	•
Birmingham (Edgbaston)	1016.3	-1	NE	5	bc	68	55	6	-	-	0	Ci	4	1
Cranwell	1018.8	+1	NNE	5	b-	68	55	7	-	-	0	-	0	0
Gorleston	1017.4	+2	N'E	4	bc-	54	85	6	4000	Cu	4	-	4	•
Valentia (Cahirciveen)	1019.6	+3	NW	4	bc	57	75	9	4000	St Cu	3	Ci St	7	5
Roches Point	1018.4	0	SW	2	c	60	85	9	2500	St Cu	9	-	9	•
Pembroke (St. Ann's H.)	1015.8	0	NNE	1	c d₀	63	85	5	800	St Cu	10	-	10	•
Ross-on-Wye	1015.2	-1	ENE	4	c	69	65	6	4000	St Cu	2	a Cu	9	5
Leafield	1015.1	+1	NE'E	4	c+	69	75	7	-	-	0	a Cu	8	0
Winchester (Worthy Dn.)	1015.3	-1	NE E	4	c	71	65	6	1500	St Cu	9	-	9	0
S. Farnborough	1013.6	-1	NEN	2	c/r	72	73	6	4000	St Cu	9	-	9	1
London (Kew Obsy.)	1014.1	-1	ENE	4	c	75	59	6	-	-	0	a Cu	8	0
Croydon	1014.1	-1	ENE	4	c+	74	65	6	5700	St Cu	9	-	9	0
Shoeburyness	1014.8	-1	NE	4	bc	67	85	8	-	-	0	a St	4	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1015.4	+1	NNE	5	bc	68	65	8	-	-	0	ci St	4	1
Lympne	1013.2	-2	NNE	5	b-	70	75	6	-	-	0	Ci	2	0
Scilly (St. Mary's)	1016.4	0	N'E	3	c/p	55	85	7	4000	St Cu	8	-	8	•
Falmouth (Pendennis)	1015.1	0	N	3	c d₀	55	85	6	4000	St Cu	6	a St	10	•
Plymouth (Cattewater)	1014.9	+1	N	1	o r₀ r₀	57	92	6	1500	Nb	10	-	10	1
Portland Bill	1013.9	+1	-	0	o(m)	59	85	4	800	St	10	-	10	•
Southampton (Calshot)	1013.5	-1	E'N	2	c	68	75	5	5700	St Cu	7	a Cu	9	0
Dungeness	1013.4	+1	NE	3	bc+	65	65	10	1500	St Cu	7	-	7	•
Guernsey (Fort George)	1014.2	+1	N	1	o	55	92	5	800	St	10	-	10	•

Observations at 18h. G.M.T. 27th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Heights Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1024.6	+1	NE	1	c	51	92	7	1500	St Cu	5	a St	8	•
Stornoway	1024.6	+2	NE	3	b-	60	75	9	-	-	0	ci St	1	1
Wick	1024.2	+2	NE	1	bc	52	97	6	800	St	4	-	4	0
Tiree	1023.1	0	N	3	b-	55	92	8	-	-	0	Ci	1	1
Nairn	1023.8	•	E	1	fc-	52	92	2	800	St	9	-	9	•
Aberdeen	1023.9	+1	NE	1	b	55	85	7	-	-	0	Ci	1	0
Malin Head	1023.4	+2	NNE	3	bc	55	92	7	-	-	0	Ci Cu	7	0
Renfrew	1021.4	+1	ENE	2	b	70	45	7	-	-	0	a Cu	1	•
Edinburgh (Inchkeith)	1022.2	0	ENE	3	Fo	55	92	1	<150	St	10	-	10	1
Leuchars	1023.1	+2	E	1	fo+	49	92	3	<150	St	10	-	10	•
Eskdalemuir	1021.8	+2	ENE	4	b	65	45	8	-	-	0	a Cu	1	•
Tynemouth	1022.4	+1	NNE	1	bc+	50	92	7	1500	St	7	-	7	1
Blacksod Point	1022.1	0	N	4	bc	59	75	8	•	St Cu	7	-	7	4
Donaghadee	1020.1	+1	N	1	b-	58	75	7	-	-	0	Ci Cu	2	1
Birr Castle	1019.4	•	E	2	c+	67	55	7	5700	St Cu	10	-	10	•
Holyhead	1018.6	0	NNE	4	bc	56	75	6	7000	St Cu	3	a Cu	5	3
Liverpool (Bidston)	1018.4	+1	E'N	4	bc-	71	35	6	2500	Nb	1	Ci St	6	•
Chester (Sealand)	1017.9	+1	ENE	3	bc	71	55	6	4000	St Cu	10	Ci St	6	•
Harrogate	1020.8	0	N	3	b	62	55	7	-	-	0	Ci St	1	•
Spurn Head	1020.3	0	NE'E	4	ffo	48	97	2	<150	St	10	-	10	3
Birmingham (Edgbaston)	1018.1	+2	NE	5	b	67	55	8	-	-	0	a Cu	1	•
Cranwell	1019.6	+1	NNE	4	b	63	65	7	-	-	0	Ci	2	•
Gorleston	1017.8	0	N	4	b	58	75	6	-	-	0	Ci Cu	2	0
Valentia (Cahirciveen)	1020.3	+1	NWN	4	c	57	75	9	4600	St Cu	3	a St	10	3
Roches Point	1019.1	+3	SE	2	c r r	55	97	7	1500	Nb	9	-	9	1
Pembroke (St. Ann's H.)	1015.9	0	N	2	c R-	59	92	5	450	St Cu	10	-	10	1
Ross-on-Wye	1015.8	0	ENE	3	c	69	65	7	4000	St Cu	8	a Cu	9	•
Leafield	1015.8	+1	NE	4	bc-	67	75	8	-	-	0	a Cu	6	•
Winchester (Worthy Dn.)	1013.7	+1	NNE	2	c r₀	69	75	7	4000	St	10	-	10	•
S. Farnborough	1014.1	+1	E'N	3	c+	74	55	6	2500	St Cu	7	Ci	8	•
London (Kew Obsy.)	1014.5	+1	ENE	5	b-	77	45	7	2500	Cu	1	Ci St	1	•
Croydon	1014.8	+2	E'N	4	bc	73	55	7	5700	Cu	2	Ci	8	•
Shoeburyness	1015.4	+1	NE	4	c+	62	85	8	-	-	0	a St	8	•
Clacton-on-Sea	1015.8	0	NE	5	bc	65	65	7	-	-	0	Ci St	6	4
Felixstowe	1015.8	+1	NNE	5	c	67	65	9	-	-	0	Ci St	8	4
Lympne	1014.0	+1	NE'N	6	c	65	75	6	4000	Cu Nb	9	-	9	•
Scilly (St. Mary's)	1016.0	0	N'W	3	o r₀ r₀	53	97	6	2500	St	10	-	10	1
Falmouth (Pendennis)	1014.7	0	NW	3	o d₀	55	97	6	2500	Nb	10	-	10	0
Plymouth (Cattewater)	1014.5	-1	NNW	3	bc-	60	92	6	-	-	0	a Cu	3	0
Portland Bill	1013.5	-1	N	2	c	62	85	6	1500	St	8	a Cu	9	0
Southampton (Calshot)	1013.9	-1	ENE	1	bc	70	75	6	4000	Cu Nb	5	a Cu	7	0
Dungeness	1014.4	+3	ENE	2	c h	59	85	7	2500	St Cu	4	a St	10	2
Guernsey (Fort George)	1014.1	0	N	2	c-	57	92	5	4000	St Cu	3	Ac	8	0

LONDON OBSERVATIONS.

Day: 7h-19h., Kew & Croydon. 9h-18h., Kensington. 9h-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Pallidity §
		24 HOURS ENDED 9h.								YESTERDAY.		TO-DAY.	
Kew	18	bcm₀	cy by	bc bc	79	52	50	-	-	7.4	*	*	6
Croydon	244	cbz	cb by	bc y bz	77	53	46	-	-	5.9	*	80	5
Greenwich (Royal Obsy.)	149	cbzy	cbzy	bc w	78	52	43	-	Tr.	7.4	49	40	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	8.3	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	80	53	-	-	-	8.2	50	75	*
Regent's Pk. (Botanic Gdns.)	163	*	*	*	*	*	*	*	*	8.9	*	*	*
Camden Square	110	bcc	c	*	82	52	-	-	-	*	*	77	*
Kensington Palace	80	bc	bc	*	80	52	46	-	-	*	(At 18h) 57	81	*
Hampstead Observatory	450	*	*	*	77	48	45	-	-	8.5		95	*

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 28th.

South Kensington			
Max.	Time.	Min.	Time.
0.8	9h 27th	<0.3	22nd 23h

Kew Observatory			
Max.	Time.	Min.	Time.
0.2	9h 27th	<0.1	2h 28th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 27th 21h. 30m. to 28th 2h. 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	4.45	4.45	100
δ Ursae Minoris	4.45	4.45	100

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

27th & 28th May, 1929.

Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.42	11.50	19.58
	3.41	11.50	20.0
Greenwich	3.55	11.57	20.0
	3.54	11.57	20.1
Wick	3.26	12.9	20.55
	3.23	12.10	20.57
Valentia	4.34	12.38	20.43
	4.33	12.38	20.45

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height), before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.

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.

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

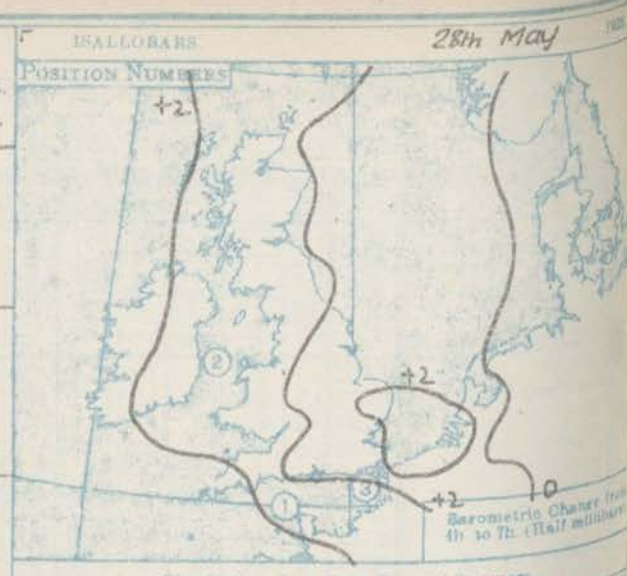
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at 55 yard...
0. Dense fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2¾ "
6. Moderate.	5½ "
7. Good.	13¾ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

‡ Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 27th	Weather. 18h.-18h. 27th	Weather. 18h. 27th to 18h. 28th	Weather. 18h.-7h. 28th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm	Rainfall.† Day. 7h.-18h. began	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 27th. Hours.
Lerwick	cbc.	bcem₀	c	colr₀bc	63	49	•	-	-	Tr.	3.30	3.9
Stornoway	c	b-bc	c	D	61	50	•	-	-	-	-	11.6
Wick	oFif	oFfbcm₀	mmFf	oFfc	62	46	•	-	-	-	-	•
Tiree	b	b	b	bbc	60	50	45	-	-	-	-	13.5
Nairn	bc	bcifc	fcbc	bc	62	49	•	-	-	-	-	5.2
Aberdeen	bcfbbc	cbcb	b	c	58	50	44	-	-	-	-	10.5
Malin Head	bbce	bce	bcebz₀z₀	bbczz₀	57	47	•	-	-	-	-	11.8
Renfrew	bzbz₀	bz₀yb	byz₀	bz₀	74	49	40	-	-	-	-	13.0
Edinburgh (Inchkeith)	b-bc	bbc	OFfe	OFfem₀	69	47	40	-	-	Tr.	-	12.0
Leuchars	bcmby	bybcmof	offc	cbcwm₀	62	45	41	-	-	-	-	11.3
Eskdalemuir	bby	by	byb	bbc	71	47	45	-	-	-	-	13.5
Tynemouth	bc	bc	bcOFF	OFFC	57	47	43	-	-	-	-	•
Blackrod Point ...	bc	bc	co	o	62	52	•	-	•	-	•	•
Donaghadee	obcm₀	bcb	bc	bcbm₀	61	60	•	-	-	-	-	•
Birr Castle	bc	cboy	or₀	c	71	55	48	-	-	Tr.	<21.00	3.5
Holyhead	bbcbz₀	pr₀c	bcbz₀	bz₀cm₀	61	54	62	0.1	12.30	-	-	8.1
Liverpool (Bidston) ...	cc p₀z1	cbcyz	bccby	b-bc	73	55	47	Tr.	11.30	-	-	5.3
Chester (Sealand) ...	cmzopr	bczy	bcbm₀	bbcWm	75	49	43	Tr.	11.30	-	-	6.7
Harrogate	bcb	b	bbcc	c	68	48	45	-	-	-	-	10.2
Spurn Head	cprf	cpfoff	osse	odOFf	51	46	•	1	<8.00	0.2	<21.00	0.1
Birmingham (Edgbaston)	prbc	bcb	b	bcf	71	48	46	0.4	<8.00	-	-	8.9
Cranwell	bcby	b-bc	bom₀	omfe	69	48	47	-	-	-	-	10.8
Gorleston	cofc	bcb	bSSo	SSo	58	48	47	-	-	-	-	7.5
Valentia (Cahirciveen)	cbcV	bcVc	cVcpcir	c	58	55	53	Tr.	<8.00	1	22.00	4.9
Roches Point	cV	cVcrr	crrcir	circ	66	55	•	3	15.30	8	<21.00	•
Pembroke (St. Ann's H.)	bbccm	crrm₀	orrl	cirbc	64	56	•	4	12.30	2	22.00	4.3
Ross-on-Wye	r₀orcc	c	cb bW	bcco	71	52	48	0.3	<8.00	-	-	2.1
Leafield	orcbc	c	bcbW	co	70	47	45	0.2	<8.00	-	-	4.5
Winchester (Worthy Dn.)	cr₀cm₀	cm₀pr₀	crcclrc	cprc	73	53	51	0.1	<8.00	2	<21.00	1.1
S. Farnborough ...	bccir₀	cbcy	cbcil	bcc	76	51	47	Tr.	11.30	-	-	2.4
London (Kew Obsy.) ...	bcm₀	cyby	bc	cbcc	79	52	50	-	-	-	-	7.4
Croydon	cbcz₀	cz₀bcy	bcyb	bz₀m₀	77	53	46	-	-	-	-	5.9
Shoeburyness	bc	bcc	c	cbc	69	52	50	-	-	-	-	10.6
Clacton-on-Sea ...	bc	bc	bc	bc	67	52	50	-	-	-	-	11.4
Felixstowe	cbcbbc	bcc	c	cbcb	69	50	48	-	-	-	-	13.6
Lympne	bcz₀	bbcrlcz₀	cbcl	bccm₀	72	51	48	-	-	-	-	7.9
Scilly (St. Mary's) ...	bcc	cor₀	orff	offrr	57	52	•	0.1	14.30	2	<21.00	2.2
Falmouth (Pendennis)	cd₀m₀	cod₀m₀	od₀m₀F	corrm	57	54	•	Tr.	11.00	2	4.30	0.0
Plymouth (Cattewater)	cor₀rrw	om₀r₀b	bcm₀c	rrtlPay	61	56	53	3	9.00	4	3.30	0.0
Portland Bill	cir₀o2	ocz₀	ocbc	cir.z₀	62	54	•	1	<8.00	Tr.	2.30	•
Southampton (Calshot)	cpr₀cm₀	cpr₀bcm₀	ttlpcr₀mor	orrcm₀	70	55	53	Tr.	9.00	6	<21.00	1.6
Dungeness	bcz₀	bccr	ctl	ctlc	66	54	•	-	-	-	-	•
Guernsey	cr₀r₀m₀	ocz₀	cm₀	cm₀cfc	60	53	•	1	<8.00	-	-	2.5



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	27th 10h	Cambria	NNE	3	bc	54	49
3	28th 11h	Brighton	N'E	1	ctl	54	62

GENERAL INFERENCE.

A large anticyclone is centred over the Faeroe Islands and a shallow area of relatively low pressure covers France and the English Channel. Weather will be mainly fair but some further rain and local thunder will occur at first in S.W. England

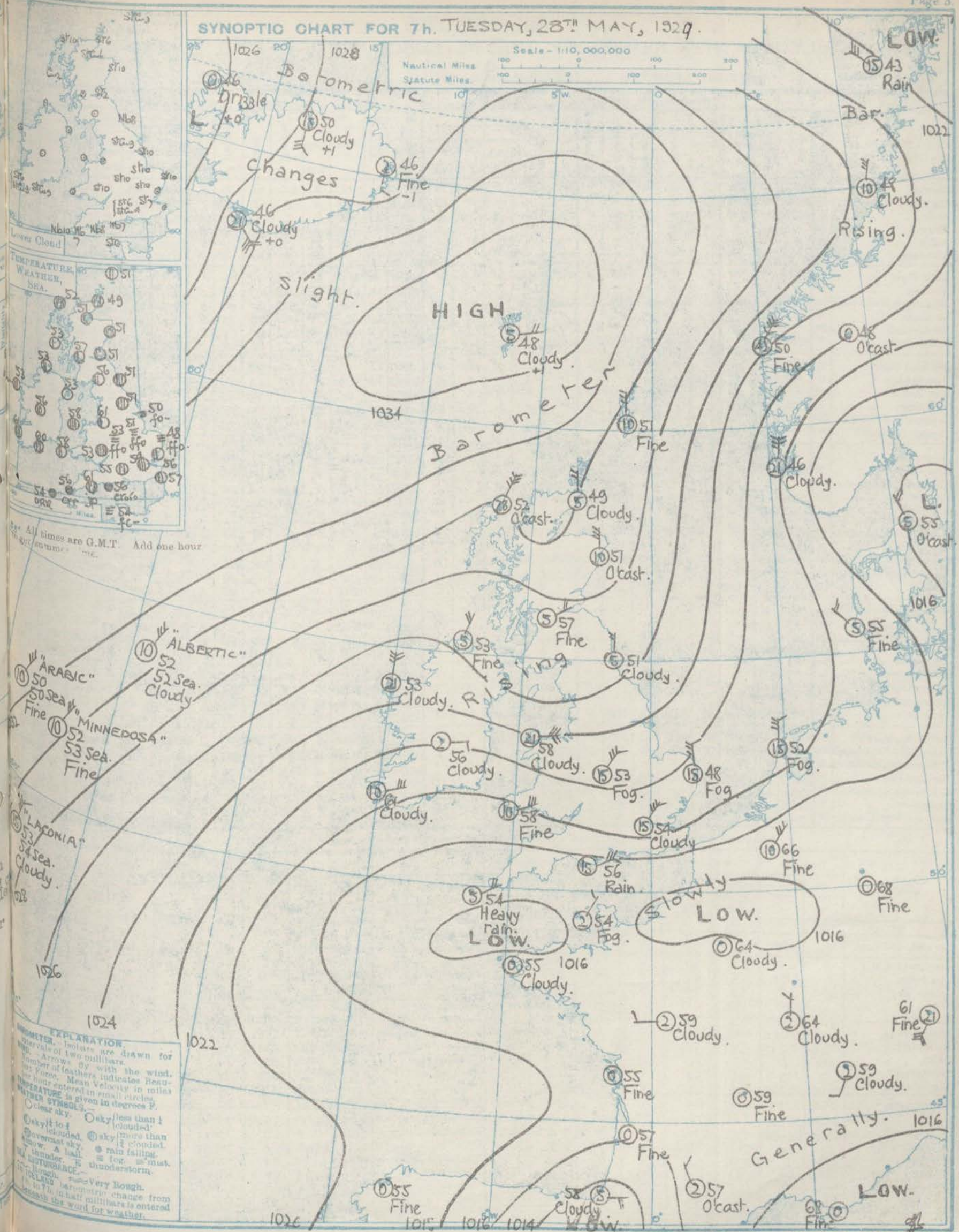
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Tuesday, 28th May, 1929.
1. S.E. England	Wind N.E. moderate or fresh, mainly bright but cloudy in the early morning; warm today, cooler tomorrow.
2. E. England	Wind N.E. moderate or fresh; mainly cloudy with local fog near coast, but bright periods inland; cool on coast; rather warm inland today, cooler tomorrow.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	As 1.
6. South Wales	Wind E., light or moderate; cloudy, some rain and local thunderstorms; probably improving; rather warm.
7. North Wales	Wind E. or N.E. moderate, fresh locally; fine; rather warm.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Wind N.E. moderate; cloudy and bright periods; perhaps local coast fog; moderate temperature.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	As 6 - 9.
13. A. W. Scotland	
13. B. N.W. Scotland	
14. Mid-Scotland	
15. N.E. Scotland	As 10 - 11.
16. Orkneys and Shetlands	
17. N.W. Ireland	As 6 - 9.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

Fine for several days in northern districts. Not quite settled in the South but mainly fair though cooler than of late.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930 G.M.T. G. C. Simpson, F.R.S., Director.

† For code see page i. † Trace = rain has fallen, but amount less than 0.1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Tuesday 28th May.....1929. No. 148.

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 28th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Heights Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 28th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Heights Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	54	1027.1	+3	NE	3	c	49	92	8	1500	Stcu	3	Acu	9	1029.0	+3	N	3	bc	51	75	8	1500	Stcu	3	Ci St	6	•
Stornoway	30	1028.2	+2	NNE	3	c	•	•	6	•	•	•	•	10	1029.8	+2	NNE	6	0	52	92	7	1500	St	10	–	10	4
Wick	81	1027.0	+2	NW	1	fo-	48	~~95~~ 97	2	450	St	10	–	10	1029.9	+2	N	2	c	49	92	7	1500	St	6	ASt	8	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.1	+3	NNE	3	b-	53	92	8	4000	Cu	2	–	2	1
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1030.4	•	ENE	2	bc	51	92	8	2500	Stcu	6	–	6	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1029.4	+3	N	3	0	51	92	6	800	St	10	–	10	0
Malin Head	51	1025.6	+1	NW	1	b	51	97	5	5700	Stcu	1	Cicu	1	1027.1	+2	N'E	2	bc	53	85	6	–	–	0	Cicu	7	0
Renfrew	50	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.7	+2	ENE	2	b	57	85	5	–	–	0	Ci	1	•
Edinburgh (Inchkeith)	100	1026.9	+3	NE	1	ffo	47	97	1	4150	St	10	–	10	1027.2	+2	NE	1	bc	51	97	5	800	St	2	Ci	3	0
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.7	+2	E	1	bc	58	75	8	–	–	0	Ci	4	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.0	+2	NNE	4	bc	56	65	8	–	–	0	Ci	4	1
Tynemouth	67	1024.8	+2	N	2	ffo	49	97	1	1600	St	10	–	10	1027.0	+3	N	2	c	51	92	7	1500	Nb	8	–	8	6
Blacksod Point ...	18	1024.2	0	N	b	c	54	92	6	•	–	0	ASt	10	1025.7	+1	N	5	c	53	97	7	•	–	0	ASt	10	1.
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.3	+3	NNW	2	b	53	85	6	–	–	0	–	0	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.8	•	E	1	c	56	85	7	–	–	0	ASt	8	3.
Holyhead	26	1020.7	+2	ENE	2	b	55	86	5	–	–	0	Acu	2	1022.2	+2	E	5	c	58	85	6	–	–	0	CiSt	8	•
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.7	+2	E	4	b+	61	75	5	–	–	0	Ci	1	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.9	+2	NE	2	mmb	60	85	4	–	–	0	Ci	2	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.1	+2	N	4	c	51	92	6	2500	St	9	ASt	10	3.
Spurn Head	29	1022.3	+1	NEE	4	ffo	48	97	3	450	St	10	–	10	1023.9	+1	NE	4	fo-	50	97	3	4150	St	10	–	10	•
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.2	+1	NE	4	ffo	53	92	3	800	St	10	–	10	•
Cranwell	236	1022.4	+2	NE	3	D+	49	97	6	460	St	10	–	10	1023.6	+1	NE	4	ffo	51	97	2	220	St	10	–	10	0
Gorleston	14	1020.2	+2	N'W	4	ffo	60	97	2	450	St	10	–	10	1021.3	+2	N'W	4	ffo	48	97	2	450	St	10	–	10	3
Valentia (Cahirciveen)‡	30	1020.8	0	–	0	orr	53	92	8	–	St	10	–	10	1020.2	+1	E'SN	3	c	61	75	7	2500	St	9	–	9	1
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.4	+3	E	3	c	60	92	7	2500	Stcu	9	–	9	2.
Pembroke (St. Ann's H.)‡	160	1016.9	+2	NE	4	clr	59	85	6	800	Stcu	10	–	10	1019.3	+3	ENE	3	bc-	58	85	7	–	–	0	Cicu	5	•
Ross-on-Wye	225	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.6	+2	NE	3	0	53	85	6	1500	St	10	–	10	•
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.5	+2	NNE	4	0	51	97	6	220	St	10	–	10	•
Winchester (Worthy Dn.)	273	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.7	+1	N'E	4	c	55	85	8	4000	CuNb	8	–	8	•
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.9	+4	ENE	3	c+	55	85	6	1500	St	10	–	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	56	•	•	•	•	•	•	•	1020.7	+1	NE	4	c+	54	86	6	4000	St	7	ASt	10	•
Croydon	244	1018.0	+1	ENE	3	b	57	75	6	–	–	0	Ci	1	1020.1	+1	NE	3	0	54	85	6	450	St	10	–	10	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.3	+2	NNE	3	bc	58	92	7	4000	Cu	1	Ci	7	3
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.1	+2	NNE	4	bc	56	85	7	–	–	0	CiSt	6	3
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.1	+2	N'E	4	b-	57	85	8	–	–	0	Ci	1	•
Lympne	350	1016.7	+2	NEN	5	bc-	56	92	7	4000	CuNb	4	–	4	1018.9	+2	N'E	4	0	54	97	5	450	St	10	–	10	1
Scilly (St. Mary's) ...	163	1015.7	0	NEE	2	ffo	53	97	2	800	St	10	–	10	1016.7	+1	ENE	2	ORR	54	97	5	2500	Nb	10	–	10	0
Falmouth (Pendennis)	200	1015.1	0	NWN	1	c-	54	97	5	800	St	8	–	8	1016.4	+1	E'S	2	crr	56	97	6	2500	Nb	7	ASt	10	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.1	+2	ENE	4	cjp	61	75	7	2500	Nb	8	Acu	9	1
Portland Bill	37	1014.7	+1	ENE	3	0+	59	85	6	1500	St	10	–	10	1016.6	+2	ENE	4	crr.	56	85	6	1500	Nb	1	ASt	10	0
Southampton (Calshot)	10	1016.6	+1	ENE	4	or	63	85	7	1500	Nb	10	–	10	1018.8	+2	NE	2	c-	56	92	6	4000	Stcu	5	Acu	8	0
Dungeness	30	1016.5	+3	E	1	ctl	58	85	8	2500	CuNb	8	–	8	1018.3	+1	NNE	2	bc	57	85	6	–	–	0	CiCu	7	0
Guernsey (Fort George) ‡	296	1016.0	+1	–	0	mc	55	92	4	2500	Stcu	10	–	10	1016.7	+2	NNE	1	fc-	54	97	3	450	St	6	Acu	9	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 27th May.....

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 26th to 9h. 27th. °F.	Temperature. Max. 9h.-17h. 27th. °F.	Rainfall.† Night 17h.-9h. 26th-27th. mm.	Rainfall.† Day 9h.-17h. 27th. mm.	Sunshine. Sunrise to 17h. 27th. hr.	Sunshine. Sunrise to Sunset. 26th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	b	bfo	45	58	–	–	9.6	13.4
Douglas (I. o. M.) ...	b	bc	51	70	–	–	10.2	7.2
Llandudno ...	c	cbc	50	67	–	–	5.5	13.9
Colwyn Bay ...	bbc	cb	51	64	–	–	6.2	13.2
Rhyl	o	b	49	67	–	–	5.6	14.7
Wallasey	czo	cbcb	55	75	–	Trace	5.0	11.3
Southport	oc	obcc	49	74	–	–	5.3	10.7
Blackpool	cbc	czc	51	74	–	–	6.1	11.4
Ilkley	b	b	42	70	–	–	8.0	6.5
Cleethorpes	o	o	46	52	–	–	0.0	12.9
Skegness	moc	cbco	47	55	–	–	7.7	11.7
Aberystwyth ...	bcc	rlrc	49	64	–	7	2.1	14.2
Bath	pcbc	bcc	53	72	2	1	2.2	14.3
Cheltenham ...	cbc	bcoc	53	74	5	–	2.2	13.2
Leamington Spa ...	c	bc	51	73	3	–	8.5	7.2
Lowestoft	mb	b	47	56	–	–	8.2	8.8
Harwich & Dovercourt	rhlrb	bc	52	70	4	–	11.0	124
Maldon	rlrc	b	55	75	1	–	10.3	10.6
Southend	bbc	bcc	56	72	Trace	–	10.3	9.7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	o	rr	41	56	–	9	0.3	11.5
Penzance	cro	cfm	46	57	–	1	0.0	9.5
Paignton	opomof	cbcm	51	66	Trace	1	0.4	9.0
Torquay	opom	oprbm	52	66	–	1	0.8	10.0
Jersey	pc	cbc	50	65	2	–	1.9	13.5
Weymouth	cpcc	cpoc	49	68	0.1	1	0.5	11.9
Bournemouth ...	roro	rbrc	54	70	2	1	0.2	15.0
Ventnor ...	clrc	cpcz	54	70	9	Trace	2.1	12.5
Portsmouth (S'thsea)	oc	cobc	57	73	1	–	1.7	12.8
Bognor	occbc	cbcpc	56	72	1	Trace	2.4	11.6
Littlehampton ...	cbc	bcpo	52	73	–	Trace	2.2	11.6
Worthing	c	crc	57	71	Trace	0.3	2.1	11.9
Brighton	copr	opco	57	71	2	2	1.2	11.9
Eastbourne	co	olpc	57	73	1	1	3.3	11.0
Hastings	bcbbc	bcfrc	55	74	1	0.2	4.9	9.7
Folkestone	cbc	bcc	52	74	–	–	3.0	9.2
Dover	mob	bbcc	53	70	–	–	9.5	10.8
Tunbridge Wells ...	bcrrc	cbbc	55	75	0.3	–	6.4	9.9
Ramsgate	b	bbc	57	61	0.2	–	9.8	11.0
Margate	bcc	cbc	51	57	Trace	–	9.3	11.0
Deal	b	bbco	51	62	3	–	9.5	10.7

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ‡ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24660 Wednesday 29th May 1929. Page 1.

Observations at 13h. G.M.T. 28th

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1029.7	+1	NE	3	c	50	75	8	1500	StCu	4	ACu	8	•
Stornoway	1031.4	0	NE	5	b-	55	85	8	-	-	0	ACu	1	•
Wick	1031.7	+1	NE	3	bc	52	85	8	2300	CuNb	3	ASt	5	•
Tiree	1028.5	+1	NNE	1	b•	57	85	8	-	-	0	-	0	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1030.7	+2	NE	4	c	55	75	8	2500	StCu	9	-	9	0
Malin Head	1028.0	+1	ENE	3	b	56	85	6	-	-	0	-	0	•
Renfrew	1028.7	+1	E	4	bc	66	55	7	4000	Cu	4	-	4	0
Edinburgh (Inchkeith)	1029.0	+2	E	3	c	53	85	8	4000	Cu	2	ACu	8	•
Leuchars	1029.9	+2	E	4	bc-	54	75	7	4000	Cu	2	CiCu	3	0
Eskdalemuir	1028.2	+1	NE'E	5	bc	60	65	8	4000	Cu	4	Ci	7	0
Tynemouth	1029.5	+2	N	3	o/f-	49	92	6	800	St	10	-	10	•
Blacksod Point	1025.9	+1	N	4	bc	59	85	8	•	Cu	6	-	6	•
Donaghadee	1026.6	+1	N	2	bc-	61	75	7	-	-	0	CiSt	3	•
Birr Castle	1023.7	•	E	2	bc	71	55	7	-	-	0	ACu	7	•
Holyhead	1025.9	+1	NE	2 [5]	b	59	85	6	-	-	0	Ci	1	0
Liverpool (Bidston)	1024.0	0	E'N	5	bc+	68	55	6	4000	StCu	3	Ci	5	•
Chester (Sealand)	1023.3	0	ENE	5	bc+	69	65	6	4000	Cu	2	-	3	0
Harrogate	1027.0	+1	N	4	c	54	85	5	2500	St	9	ASt	10	•
Spurn Head	1024.6	0	NE	6	fo-	52	97	4	<150	St	10	-	10	•
Birmingham (Edgbaston)	1023.4	0	NE	4	bc+	65	65	6	2500	Cu	7	-	7	1
Cranwell	1024.4	0	NE'N	4	c	63	55	7	1500	StCu	9	-	9	0
Gorleston	1022.6	+1	N'E	5	c-	54	85	6	2500	StCu	9	-	9	•
Valentia (Cahirciveen)	1020.3	-1	NE'E	3	bc	75	45	8	5700	StCu	2	ACu	4	6
Roches Point	1021.5	+1	SE	3	c	67	75	8	4000	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1020.7	+1	NW	2	bc-	59	85	5	-	-	0	ACu	6	•
Ross-on-Wye	1021.5	0	E'N	5	b+	67	65	6	4000	Cu	1	-	1	0
Leafield	1022.0	0	NE'N	4	b	64	65	8	2500	Cu	1	-	1	0
Winchester (Worthy Dn.)	1019.3	0	NNE	5	bc	69	65	8	-	-	0	Ci	3	0
S. Farnborough	1020.2	0	NE	4	b-	69	65	6	4000	Cu	1	CiSt	1	1
London (Kew Obsy.)	1021.3	0	NE'N	4	b	66	65	7	2500	Cu	1	-	1	0
Croydon	1020.5	0	NE'N	4	b•	69	65	6	2500	Cu	1	-	1	0
Shoeburyness	1021.7	+1	ENE	3	b	65	85	8	-	-	0	CiSt	1	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1021.8	+1	NE'E	4	b	59	75	8	-	-	0	-	0	0
Lympne	1019.4	0	N'E	5	bc-	61	75	7	-	-	0	Ci	3	0
Scilly (St. Mary's)	1017.7	+1	E'N	4	c	56	97	6	4000	StCu	10	-	10	•
Falmouth (Pendennis)	1018.8	+1	ESE	2	crr	56	97	6	2500	Nb	7	ASt	10	•
Plymouth (Cattewater)	1018.3	0	E	3	c	65	75	7	4000	Nb	4	ASt	10	1
Portland Bill	1018.0	0	NE	3	bc-	65	85 [75]	6	1500	St	7	-	7	•
Southampton (Calshot)	1019.4	0	ENE	4	bc+	72	65	7	5700	StCu	3	Ci	5	1
Dungeness	1019.8	+3	NNE	3	bc-	63	75	8	-	-	0	CiSt	7	•
Guernsey (Fort George)	1018.3	+1	E	2	or₀r₀	53	97	6	800	St	10	-	10	•

Observations at 18h. G.M.T. 28th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1030.1	0	N	4	c	47	75	8	1300	StCu	4	ACu	9	•
Stornoway	1031.8	0	NE	5	c	52	85	8	-	-	0	ACu	8	4
Wick	1032.2	0	NE	3	c	51	88	8	1500	StCu	8	ASt	10	0
Tiree	1028.1	0	N	2	b-	56	85	8	-	-	0	-	0	1
Nairn	1031.5	•	ENE	2	c+	53	75	8	2500	StCu	8	-	8	•
Aberdeen	1030.9	0	N	3	c	53	68	8	1500	StCu	9	-	9	1
Malin Head	1028.0	0	E	2	b	57	85	6	-	-	0	-	0	0
Renfrew	1029.3	+1	ENE	4	b	59	65	8	5700	StCu	1	CiSt	2	•
Edinburgh (Inchkeith)	1029.4	-1	E	3	b	53	85	8	4000	Cu	1	ACu	2	1
Leuchars	1030.3	+1	E	3	bc+	54	75	8	5700	StCu	4	ACu	5	•
Eskdalemuir	1028.9	+1	NE	5	b-	53	75	8	4000	Cu	1	Ci	2	•
Tynemouth	1028.7	+1	NE	3	o	49	85	7	1500	Nb	10	-	10	4
Blacksod Point	1024.8	0	NE	5	bc	60	85	8	•	Cu	4	-	4	6
Donaghadee	1026.6	0	N	1	bc	63	65	7	4000	StCu	2	CiSt	3	1
Birr Castle	1023.4	•	ENE	3	b	68	55	6	-	-	0	CiCu	2	•
Holyhead	1023.3	-1	E	6	bc+	62	75	6	-	-	0	Ci	4	4
Liverpool (Bidston)	1024.1 [6]	0	E'N	5	bc	64	55	6	-	-	0	ASt	4	•
Chester (Sealand)	1023.7	+1	NE'E	4	bc	64	75	6	2500	Cu	4	Ci	5	•
Harrogate	1027.6	+1	N	4	c-	50	85	6	2500	St	7	Ci	9	•
Spurn Head	1025.9	0	NE'E	6	o	50	92	7	1500	St	10	-	10	4
Birmingham (Edgbaston)	1023.2	-1	NE	5	b-	63	65	8	-		0	Ci	1	•
Cranwell	1025.1	+1	NE'N	4	c	54	85	7	1500	StCu	9	-	9	•
Gorleston	1023.1	0	N'E	5	o	50	92	6	1500	St	10	-	10	0
Valentia (Cahirciveen)	1020.7	0	ENE	3	c	72	65	8	5700	StCu	4	ASt	8	0
Roches Point	1021.8	-1	SE	3	c	69	65	8	4000	StCu	9	-	9	1
Pembroke (St. Ann's H.)	1019.4	-2	-	0	c+	66	75	6	-	-	0	CiSt	8	1
Ross-on-Wye	1021.1	-1	ENE	4	bc+	66	65	7	4000	Cu	3	Ci	4	•
Leafield	1021.6	0	NE	5	bc+	63	75	8	4000	Cu	3	CiSt	3	•
Winchester (Worthy Dn.)	1019.7	+1	NNE	4	b	66	65	8	-	-	0	Ci	2	•
S. Farnborough	1019.9	0	NE'N	3	b	65	65	7	-	-	0	CiSt	1	•
London (Kew Obsy.)	1020.8	0	NNE	4	b	67	55	8	-	-	0	-	0	•
Croydon	1020.3	+1	NE'N	4	b+	69	55	8	-	-	0	ACu	1	•
Shoeburyness	1021.5	+1	ENE	3	b	59	92	7	-	-	0	CiSt	1	•
Clacton-on-Sea	1021.3	-2	NE	5	b	61	75	7	-	-	0	Ci	2	4
Felixstowe	1021.2	-1	NNE	5	b	58	75	9	-	-	0	Ci	1	4
Lympne	1020.1	+1	N'E	5	b	56	85	8	-	-	0	ASt	1	•
Scilly (St. Mary's)	1018.2	0	ENE	3	oR-	56	97	5	2500	Nb	10	-	10	1
Falmouth (Pendennis)	1018.6	0	ESE	1	cr-	58	97	6	2500	Nb	7	ASt	10	0
Plymouth (Cattewater)	1018.6	+1	S	1	c-	59	85	7	4000	Cu	8	Ci	8	0
Portland Bill	1018.2	+2	-	0	c+	58	85	6	1500	St	8	-	8	1
Southampton (Calshot)	1019.1	0	NE'E	4	b	70	65	6	-	-	0	Ci	2	0
Dungeness	1019.8	+1	NE	4	bc	55	92	8	-	-	0	CiSt	5	3
Guernsey (Fort George)	1018.5	+1	ENE	2	cr₀r₀	56	97	5	800	St	7	ASt	10	1

London Observations

Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Temp. Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	bcm₀	b	bbc	68	48	47	-	-	10.6	*	*	7
Croydon	264	bz₀b	bz₀y	bzom₀c	74	47	44	-	-	10.4	*	*	6
Greenwich (Royal Obsy.)	149	cbz	bzy	bzwc	74	47	46	-	Tr	9.9	54	80	8
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	9.3	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	71	48	-	-	-	10.3	61	78	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	9.9	*	*	*
Camden Square	110	cb	b	*	72	48	-	-	-	*	*	82	*
Kensington Palace	50	b	b	*	71	48	46	-	-	*	(At 18h. G.M.T.)	86	*
Hampstead Observatory	450	*	*	*	66	43	45	-	-	10.4	*	85	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 29th

South Kensington			
Max.	Time.	Min.	Time.
0.6	28th 8h	<0.3	28th 21h to 29th 6h

Kew Observatory			
Max.	Time.	Min.	Time.
0.1	28th 11h	<0.1	29th 4h

Pole Star Record at Greenwich Obsy.

Exposure from 28th 21h. 30m. to 29th 1h. 15m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	4.45	- 9	3
δ Ursae Minoris	4.45	Nil.	Nil.

Code for State of Ground.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

29th & 30th May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.41 / 3.40	11.60 / 11.50	20.0 / 20.1
Greenwich	3.54 / 3.53	11.57 / 11.57	20.1 / 20.3
Wick	3.23 / 3.22	12.10 / 12.10	20.67 / 20.59
Valentia	4.33 / 4.32	12.28 / 12.38	20.45 / 20.46

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy.
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ⊔ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
λ "solidus" divides actual existing weather from preceding conditions, thus:—bo/r = fair weather after rain; — = has decreased; + = has increased.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

Sea Disturbance.
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

§ Telegraphic Code for Surface Visibility.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

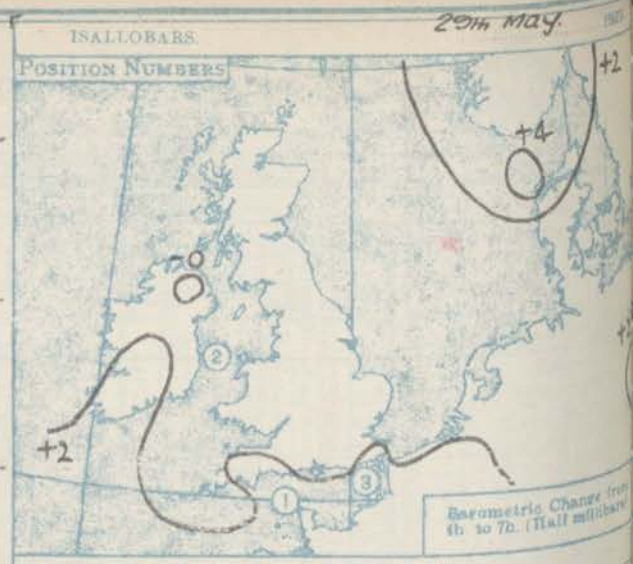
† Tr. = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometer change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 28th	Weather. 18h.-18h. 28th	Weather. 18h. 28th to 18h. 29th	Weather. 18h.-7h. 29th	Temperature. Max. Day 7h.-18h.	Temperature. Min. Night 18h.-7h.	Temperature. Min on Grass	Rainfall.† Day 7h.-18h. mm	Rainfall.† Day 7h.-18h. began.	Rainfall.† Night 18h.-7h. mm.	Rainfall.† Night 18h.-7h. began.	Sun 28th Hours.
Lerwick	bcc	c	c	c	52	45	•	-	-	-	-	6.0
Stornoway	b-bc	c	b-bc	b-bc	56	44	•	-	-	-	-	8.5
Wick	b-bc	c	c	c	54	44	•	-	-	-	-	•
Tiree	b	b	bc	bc	59	48	37	-	-	-	-	15.0
Nairn	bccbc	bcqc	cwbc	bc	57	46	•	-	-	-	-	3.0
Aberdeen	ocbcc	cbcc	c	c	56	45	44	-	-	-	-	1.9
Kalin Head	bcbz₀z₀	bz₀z₀	bz₀bc	bc	59	51	•	-	-	-	-	13.5
Renfrew	bz₀bcy	bcybq	bqbc	bcz₀	67	46	41	-	-	-	-	14.1
Edinburgh (Inchkeith)	bcm₀	cbcb	b-bc	b-bc	59	45	35	-	-	-	-	12.8
Leuchars	bc	bcbbc	bcbw	bbcw	62	41	35	-	-	-	-	13.6
Eskdalemuir	bc	bcb	bbc	bc	62	42	41	-	-	-	-	12.7
Tynemouth	oFF	oq	oq	o	52	46	45	-	-	-	-	•
Blacksod Point ...	bc	bc	bcb	b	61	55	•	-	•	-	•	•
Donaghadee	bm₀bc	bc	bc	bc	65	48	•	-	-	-	-	•
Birr Castle	cby	by	b	bc	71	48	44	-	-	-	-	12.5
Holyhead	cbcb	bbcz₀	bcbz₀	bm₀	64	49	47	-	-	-	-	13.3
Liverpool (Bidston) ...	bbyz₀	bcz₀y	ybc	b-bc	62	47	45	-	-	-	-	13.0
Chester (Sealand) ...	bz₀z₀	bcz₀	bcz₀	bccm₀	70	46	42	-	-	-	-	12.6
Harrogate	c	cbc	c	c	56	45	43	-	-	-	-	0.3
Spurn Head	oFfom	omc	cqc	c	56	46	•	Tr.	<8.00	-	-	1.5
Birmingham (Edgbaston)	mbc	bcb	bbc	bco	67	46	46	-	-	-	-	9.3
Cranwell	ofc	c	c	c	66	46	46	-	-	-	-	3.1
Gorleston	ffocq	ccifq	ocq	cq	54	47	47	-	-	-	-	0.0
Valentia (Cahirciveen)	cbcy	bccy	cybc	bcw	76	58	53	-	-	Tr	-	4.5
Roches Point	c	c	cbcb	bbc	70	53	•	-	-	-	-	•
Pembroke (St. Ann's H.)	bccm	bcm₀	bcbm₀	bc	67	48	•	-	-	-	-	9.2
Ross-on-Wye	cm₀bz₀	b	bcbbcc	co	69	47	45	-	-	-	-	10.0
Leafield	cbcb	b	bcc	o	68	44	42	-	-	-	-	9.5
Winchester (Worthy Dn.)	cbc	bcby	b	bbc	71	46	44	-	-	-	-	12.1
S. Farnborough ...	cbc	bz₀by	bc	c	71	46	46	-	-	-	-	10.7
London (Kew Obsy.) ...	bcm₀	b	b	bc	68	48	47	-	-	-	-	10.6
Croydon	oz₀b	bz₀y	byom₀	om₀c	74	47	44	-	-	-	-	10.4
Shoeburyness	bcb	b	bbc	co	69	47	47	-	-	-	-	13.5
Clacton-on-Sea ...	bcbz	bz	bzbc	bcco	67	48	47	-	-	-	-	13.8
Felixstowe	bv	bv	bvbc	c	66	47	46	-	-	-	-	14.4
Lympne	om₀bc	bcb	ofmd₀	ommₒ	63	45	45	-	-	Tr	22.00	11.2
Scilly (St. Mary's) ...	orrfc	corr	orcir	corr	58	51	•	8	<8.00	14	<21.00	0.0
Falmouth (Pendennis)	orrm	orrm₀	orm₀c	corrm₀	60	51	•	4	<8.00	5	<21.00	0.0
Plymouth (Cattewater)	cr₀	cr₀	cbc	cr	70	50	49	0.3	9.00	0.1	6.30	0.5
Portland Bill	cir₀cz₀	bcz₀	cbc	o	69	48	•	1	8.00	-	-	•
Southampton (Calshot)	cm₀bc	bcum₀	bm₀bbc	c	73	46	46	-	-	-	-	10.4
Dungeness	cbc	bbc	bcco	o	65	47	•	-	-	-	-	•
Guernsey	ofm₀orr	cr₀c m₀	co	or Rrr	57	49	•	2	9.00	10	1.30	0.4

29th May.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	28th 10h	Cambria	NE	4	bc	54	49
1	" 12h	St Helier	ENE	4	d₀d₀	53	51

GENERAL INFERENCE.

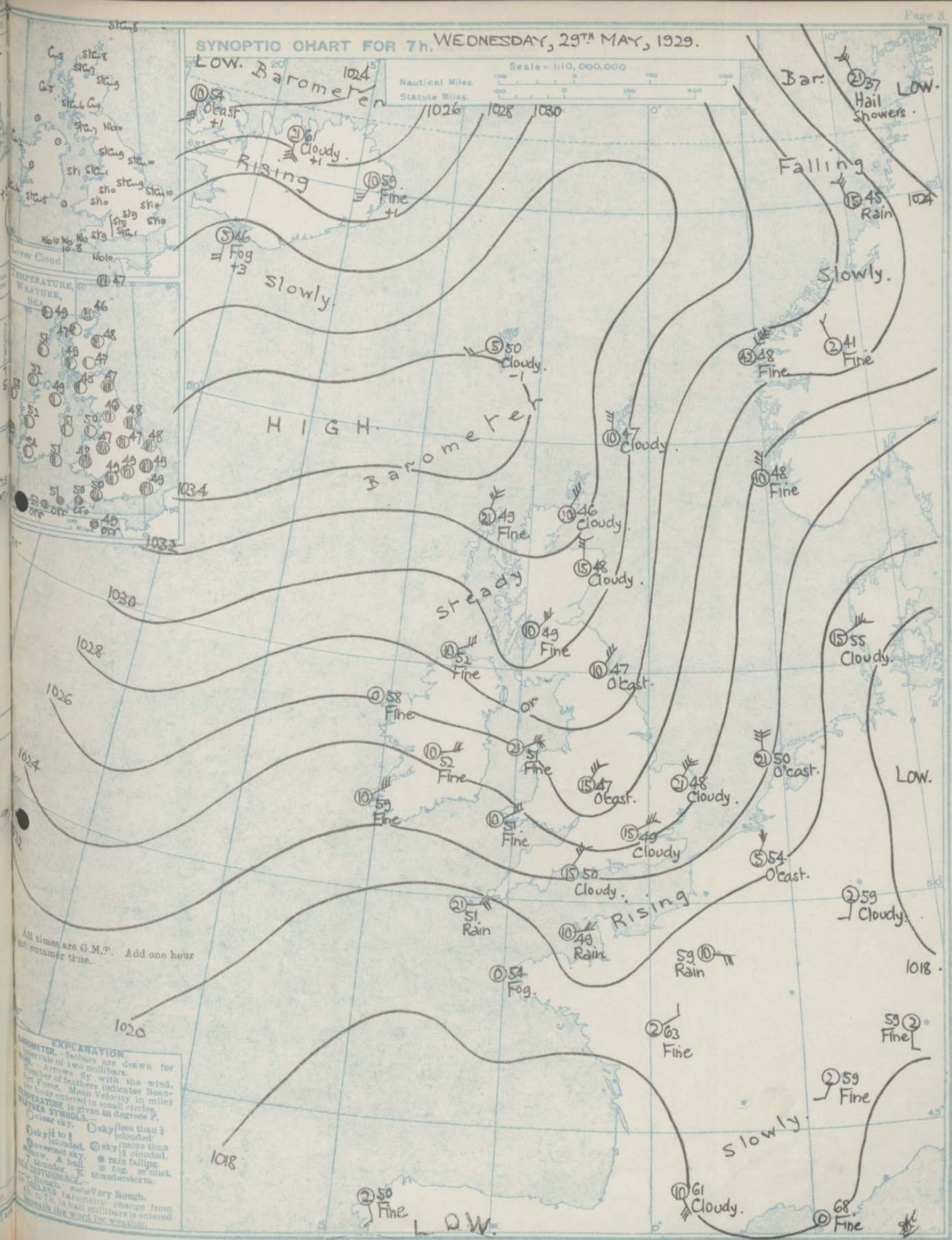
A large anticyclone remains centred off our northwest coast. Winds will be between east and north and weather dry except in the extreme southwest.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Wednesday, 29th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind northeast, moderate or fresh; cloudy with brighter intervals; cool.	Similar.
5. S.W. England	Wind east, moderate or fresh; cloudy, some rain at first, improving; cool.	
6. South Wales 7. North Wales 8. N.W. England	Wind east, moderate or fresh; mainly bright; moderate temperature.	
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 4.	
12. S.W. Scotland & Isle of Man 13 A. W. Scotland 13 B. N.W. Scotland 14. Mid-Scotland	As 6 - 8.	cancelled
15. N.E. Scotland 16. Orkneys and Shetlands	As 1 - 4.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 6 - 8.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0915 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For code see page 1

† Trace = rain has fallen, but amount less than 0.1 mm.


SYNOPTIC CHART FOR 7h. WEDNESDAY, 29TH MAY, 1929.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW.
Barometer
Rising
Slowly
HIGH.
Barometer
Steady
or
Falling
Slowly.
Bar.
LOW.
Rising
Slowly.
LOW.
LOW.
1024
1026
1028
1030
1032
1034
1020
1018
Hail Showers.
Rain
Fog
Fine
Cloudy
O'cast.
Lower Cloud
TEMPERATURE, WEATHER, SEA
All times are G.M.T. Add one hour for summer time.
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of two millibars.
WIND.—Arrows fly with the wind. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.
Clear sky. Sky less than ½ clouded. Sky ½ to ½ clouded. Sky more than ½ clouded. Overcast sky. Rain falling. Snow. A hail shower. Fog. Mist. Thunder. Thunderstorm.
SEA DISTURBANCE.
Smooth. Rough. Very Rough.
BAROMETRIC TENDENCY.
Change from 0h. to 7h. in half millibars is entered beneath the word for weather.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION...... Wednesday 29th May ....1929. No. 142...

STATIONS	Height above M.S.L. in feet	1h. G.M.T. 29th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	7h. G.M.T. 29th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	54	1031·5	0	NE	4	c	46	75	8	1500	StCu	5	ASt	9	1031·7	0	N	3	c	47	75	8	1500	StCu	8	–	8	·
Stornoway	80	1032·7	+1	NE	4	b	*	*	8	*	*	*	*	0	1032·6	0	NNE	5	bc+	49	75	8	4000	Cu	5	–	5	4
Wick	81	1033·4	0	NE	3	c	46	85	8	2500	StCu	7	ASt	10	1032·5	0	NNE	3	c	46	85	8	1500	StCu	8	ASt	10	1
Tiree	32	*	*	*	*	*	*	*	*	*	*	*	*	*	1029·7	0	ENE	3	bc	51	75	9	2500	Cu	5	–	5	2
Nairn	52	*	*	*	*	*	*	*	*	*	*	*	*	*	1032·7	·	ENE	3	bc	47	75	8	2500	StCu	7	–	7	·
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1031·4	+1	N	4	c	48	75	8	2500	StCu	9	–	9	1
Malin Head	51	1028·6	+1	SE	4	bc+	53	85	7	5700	StCu	3	–	3	1029·2	+1	ENE	3	bc	52	85	7	–	–	0	ACu	3	1
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*	1030·5	0	ENE	3	bc	49	75	6	4000	StCu	6	–	6	·
Edinburgh (Inchkeith)	160	1030·9	+1	ENE	1	b	48	85	8	2500	St	1	–	1	1030·6	+1	E	3	b	47	75	8	4000	Cu	1	ACu	2	1
Leuchars	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1030·5	0	–	0	bc	50	65	8	–	–	0	Ci	3	·
Eskdalemuir	704	*	*	*	*	*	*	*	*	*	*	*	*	*	1030·4	+1	NE'N	5	bc	45	75	8	2500	StCu	7	–	7	·
Tynemouth	67	1030·7	+1	NE	3	o	48	75	8	1500	Nb	10	–	10	1029·3	0	NNE	3	o	47	75	7	1500	Nb	10	–	10	2
Blacksod Point	18	1026·0	0	–	0	b	58	85	7	*	–	0	–	0	1025·6	+1	–	0	b	58	75	8	*	Cu	2	–	2	1
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1028·1	0	SE	2	bc+	49	75	8	–	–	0	CiSt	4	2
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*	1025·3	+2	E	3	bc	52	85	8	–	–	0	CiCu	4	·
Holyhead	29	1025·5	+1	E	5	b	51	85	6	–	–	0	Ci	1	1025·7	+1	E'N	5	b	51	75	6	2500	St	1	Ci	1	3
Liverpool (Bidston)	180	*	*	*	*	*	*	*	*	*	*	*	*	*	1027·3	0	ENE	4	b+	50	65	6	4000	StCu	1	–	1	·
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1026·7	0	E'N	3	bc-	51	75	6	2500	StCu	3	Ci	4	·
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1028·6	0	N	4	c	46	75	7	4000	StCu	9	–	9	·
Spurn Head	29	1026·5	0	NE'E	5	c	48	92	7	4000	StCu	10	–	10	1026·6	0	{NE}	5	c	48	85	7	4000	StCu	10	–	10	4
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1026·4	0	NE	4	o	47	85	6	1500	St	10	–	10	·
Cranwell	236	1026·6	0	N'E	5	c	47	85	7	1500	StCu	10	–	10	1026·9	0	NNE	4	c	47	75	7	1500	StCu	9	–	9	
Gorleston	14	1024·2	0	NNE	5	c	48	92	7	–	–	0	ASt	10	1025·1	+1	N'E	5	c	48	85	6	4000	StCu	10	–	10	1
Valentia (Cahirciveen) ‡	30	1021·3	0	ESE	3	b	54	97	8	–	–	0	–	0	1021·5	+1	E'N	3	bc	59	75	7	2500	StCu	6	ACu	7	0
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1022·8	+2	E	3	bc	54	85	8	~~2500~~ 4000	StCu	5	CiCu ACu	5	1
Pembroke (St. Ann's H.)	150	1021·8	+2	NE	3	b	55	~~85~~ 92	6	–	–	0	CiCu	2	1022·9	+1	NE	3	bc+	51	75	7	–	–	0	–	4	2
Ross-on-Wye	225	*	*	*	*	*	*	*	*	*	*	*	*	*	1025·2	0	ENE	4	o	48	85	7	2500	St	10	–	10	·
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1024·8	0	NE	4	o	46	86	8	800	St	10	–	10	·
Winchester (Worthy Dn.)	372	*	*	*	*	*	*	*	*	*	*	*	*	*	1022·8	0	NE'N	4	bc	49	75	8	1500	StCu	3	Ci	7	·
S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1023·7	+1	NE'N	4	c	49	75	7	1500	St	9	–	9	·
London (Kew Obsy.)	18	*	*	*	*	*	49	*	*	*	*	*	*	*	1024·8	+1	NE'E	4	c	49	75	7	1500	St	9	ASt	10	·
Croydon	244	1023·3	+1	NNE	4	o	49	85	5	450	St	10	–	10	1024·2	+1	NE'N	4	c+	49	75	7	800	St	10	–	10	·
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1024·4	0	NNE	4	o	49	85	9	800	St	10	–	10	·
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1024·4	0	NE	4	o	49	85	7	2500	St	10	–	10	4
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1024·4	0	NNE	4	c	48	85	8	800	St	10	–	10	4
Lympne	350	1022·1	0	NNE	6	mmo	47	97	4	220	St	10	–	10	1023·0	+2	NNE	5	c	47	85	6	800	St	10	–	10	·
Scilly (St. Mary's)	163	1018·2	0	E	4	cT+	54	97	6	2500	Nb	9	–	9	1019·4	+1	E'S	5	oTT	51	97	6	2500	Nb	10	–	10	3
Falmouth (Pendennis)	200	1019·4	+1	E'N	3	c-	55	92	7	4000	StCu	3	ASt	9	1020·6	+1	E	4	oTT	51	97	6	2500	Nb	10	–	10	2
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1020·9	+3	ENE	6	cT0	50	75	8	2500	Nb	8	CiSt	10	0
Portland Bill	32	1019·9	-1	NNE	4	c+	52	85	8	1500	St	8	ASt	9	1021·5	+3	NNE	4	c+	50	75	8	1500	St	9	ASt	10	4
Southampton (Calshot)	10	1022·3	+2	NE	4	c+	53	85	7	4000	StCu	4	Ci	8	1023·0	+1	NE	4	c	52	75	7	4000	StCu	3	Ci	8	0
Dungeness	20	1021·6	+2	NE	5	c+	49	85	7	–	–	0	ASt	10	1022·4	+1	NE	5	o	49	85	7	800	St	10	–	10	3
Guernsey (Fort George) ‡	295	1020·0	0	NE	3	c+	52	92	6	2500	StCu	10	–	10	1021·1	+2	E	3	oTT	49	97	7	450	Nb	10	–	10	[illegible]

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28th May

STATIONS (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 27th to 9h. 28th (4) °F	Temperature Max. 9h.-17h. 28th (5) °F	Rainfall† Night 17h.-9h. 27th-28th (6) mm.	Rainfall† Day 9h.-17h. 28th (7) mm.	Sunshine Sunrise to 17h. 28th (8) hr.	Sunshine Sunrise to Sunset 27th (9) hr.
Berwick-on-Tweed	fo	o	44	51	–	–	1·0	9·6
Douglas (I. o. M.)	b	bbc	54	67	–	–	11·5	11·5
Llandudno	b	b	55	64	–	–	11·9	6·6
Colwyn Bay	b	b	53	65	–	–	11·7	6·8
Rhyl	b	b	54	70	–	–	11·1	5·9
Wallasey	b2b	b	52	72	–	–	11·4	6·1
Southport	bbc	b	~~*45~~ 52	70	–	–	11·6	6·2
Blackpool	bc	bcc	53	71	–	–	12·0	6·6
Ilkley	bbcc	c	52	60	–	–	1·4	8·8
Cleethorpes	o	bo	48	55	Trace	–	1·6	0·0
Skegness	mo	o	47	55	–	–	0·0	7·7
Aberystwyth	cbc	bc	52	76	–	–	8·6	2·1
Bath	b	b	52	72	1	–	10·0	2·2
Cheltenham‡	bcb	bo	51	72	–	–	9·1	2·2
Leamington Spa	cb	bcc	49	69	–	–	7·7	10·3
Lowestoft	mc	c	47	50	–	–	0·0	9·5
Harwich & Dovercourt	by	by	51	68	–	–	12·2	12·3
Maldon	b	b	52	70	–	–	11·5	12·7
Southend	b	b	53	71	–	–	11·5	10·6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	roc	bcb	52	73	3	–	4·5	0·3
Penzance	cg	corg	54	62	3	3	0·1	0·2
Paignton	pμzqo	rccz	58	68	2	Trace	1·4	1·0
Torquay	oprilom	pcocbc	57	70	3	Trace	1·2	1·1
Jersey	pc	pc	51	64	Trace	0·3	1·0	3·3
Weymouth	cbb	by	55	73	2	–	7·0	0·6
Bournemouth	obc	b	54	75	–	–	6·7	0·2
Ventnor	rcb2	b2	55	72	3	–	7·7	2·1
Portsmouth (S'thsea)	bcb	b	56	76	7	–	8·4	1·9
Bognor	b	b	57	75	7	–	10·4	2·5
Littlehampton	bc	bc	56	75	4	–	10·1	2·2
Worthing	b	b	56	75	2	–	11·1	2·1
Brighton	bcb	b	57	75	1	–	10·9	1·2
Eastbourne‡	b	by	55	73	–	–	11·9	2·3
Hastings‡	bcb	b	53	70	2	–	10·9	5·2
Folkestone	bcb	b	54	66	–	–	11·0	9·0
Dover	bcb	bbc	54	59	–	–	11·0	9·5
Tunbridge Wells	b	b	53	73	–	–	8·7	6·8
Ramsgate	bcm0	bccm0	51	55	–	–	7·3	9·8
Margate	cf	c	50	52	–	–	0·9	9·5
Deal	bcco	co	52	55	–	–	1·6	9·3

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* Information not usually received. ‡ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page

‡ At stations marked thus the maximum temperature is for the period 9h.-17h., the minimum for the period 21h.-9h. ♣ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24661 Thursday 30th May 1929.

Observations at 18h. G.M.T. 29th

Stations. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1031.5	0	NE	3	bc	49	65	8	1500	StCu	4	-	4	•
Stornoway	1032.2	-1	NE	5	b-	53	75	8	-	-	0	-	0	•
Wick	1033.1	+1	NE	2	bc	49	75	8	2500	StCu	3	CiSt	5	•
Tiree	1029.4	0	ENE	2	b	57	85	9	4000	Cu	2	-	2	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1031.4	0	NNW	4	b-	54	65	8	4000	StCu	1	-	1	0
Malin Head	1029.4	0	ENE	3	bc	55	85	7	-	-	0	aCu	5	•
Renfrew	1029.6	-1	E	4	bc⊕	62	45	7	-	-	0	CiSt	7	0
Edinburgh (Inchkeith)	1030.2	0	E	3	b	53	75	8	-	-	0	aCu	1	•
Leuchars	1030.1	-1	E	4	b	55	65	8	1500	St	1	-	1	0
Eskdalemuir	1029.2	-2	NE	6	b	56	55	8	2500	Cu	1	Ci	2	0
Tynemouth	1029.7	+1	NNE	4	c-	49	75	7	1500	Nb	8	-	8	•
Blacksod Point	1025.4	-1	SE	4	b	63	55	8	•	Ci	2	-	2	•
Donaghadee	1027.9	0	NNE	2	b	55	65	8	-	-	0	CiCu	2	•
Birr Castle	1024.4	•	E	3	b	62	55	7	-	-	0	CiCu	1	•
Holyhead	1024.9	+1	ENE	6	b	56	85	6	-	-	0	Ci	1	0
Liverpool (Bidston)	1026.1	-1	E	4	b+	61	45	6	-	-	0	CiSt	2	•
Chester (Sealand)	1025.9	-2	E	3	b	63	55	6	-	-	0	-	0	0
Harrogate	1028.0	-1	N	5	b	54	65	7	4000	Cu	1	-	1	•
Spurn Head	1027.0	0	NE'E	4	c	50	92	7	4000	StCu	10	-	10	•
Birmingham (Edgbaston)	1025.9	0	ENE	4	b	58	55	6	2500	Cu	1	-	1	0
Cranwell	1027.4	0	NE'N	4	c	52	75	7	1500	St	10	-	10	0
Gorleston	1025.2	0	N'E	4	c	52	75	7	2500	Nb	10	-	10	•
Valentia (Cahirciveen)	1021.4	0	E'S	4	bc	65	55	8	2500	Cu	2	CiCu	6	0
Roches Point	1023.7	+1	E	3	bc	56	85	8	2500	St	1	CiSt	5	•
Pembroke (St. Ann's H.)	1023.7	+1	ESE	2	bc+	57	85	7	-	-	0	aCu	7	•
Ross-on-Wye	1024.6	-1	E'N	4	bc⊕	59	55	7	4000	Cu	1	Ci	3	0
Leafield	1024.3	-1	NE'N	4	bc-	56	65	8	-	-	0	Ci	5	0
Winchester (Worthy Dn.)	1023.8	0	NNE	4	c	54	75	7	2500	StCu	10	-	10	0
S. Farnborough	1024.0	-1	ENE	4	c-	56	65	6	1500	St	3	Ci	8	0
London (Kew Obsy.)	1024.6	-2	NE'E	3	bc⊕	58	55	7	-	-	0	Ci	4	0
Croydon	1024.6	-1	NNE	3	bc-	56	65	7	2500	Cu	2	Ci	7	0
Shoeburyness	1024.9	-1	NE	4	bc-	57	75	8	2500	StCu	3	CiCu	6	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1024.7	-2	N'W	4	bc	55	55	9	2500	Cu	2	Ci	7	0
Lympne	1024.3	0	NNE	5	c	51	75	7	1500	St	8	Ci	9	0
Scilly (St. Mary's)	1021.2	+1	E	5	0	51	92	6	4000	St	10	-	10	•
Falmouth (Pendennis)	1022.5	+1	SE'E	4	c	51	85	7	4000	StCu	10	-	10	•
Plymouth (Cattewater)	1022.7	+1	NE	5	0	54	75	7	1500	Nb	10	-	10	2
Portland Bill	1022.5	0	ENE	3	c	52	85	6	1500	StCu	9	aSt	10	•
Southampton (Calshot)	1024.0	0	NE'E	4	c	57	75	6	1500	StCu	9	-	9	0
Dungeness	1024.2	+2	NE	4	c-	52	75	8	800	StCu	8	-	8	•
Guernsey (Fort George)	1021.7	0	ENE	5	c	50	92	5	800	St	8	aSt	10	•

Observations at 15h. G.M.T. 29th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1030.8	-2	NE	2	bc	49	75	8	1500	StCu	5	-	5	•
Stornoway	1031.5	0	NNE	5	b	51	75	9	-	-	0	-	0	4
Wick	1032.1	-1	NNE	3	bc	48	85	8	4000	StCu	2	CiSt	4	1
Tiree	1028.7	-1	E'N	1	b	57	85	9	-	-	0	Ci	2	1
Nairn	1031.4	•	ENE	3	bc-	51	75	8	4000	Cu	4	-	4	•
Aberdeen	1031.2	0	NNE	4	b	49	75	8	2500	StCu	1	-	1	1
Malin Head	1028.2	-1	ENE	3	b	54	75	7	-	-	0	CiCu	1	0
Renfrew	1029.2	0	E	4	b	58	55	7	-	-	0	Ci	2	•
Edinburgh (Inchkeith)	1029.8	-1	E	3	b	52	75	8	4000	Cu	1	-	1	1
Leuchars	1030.8	+1	E	3	bc+	51	75	8	1500	Cu	3	-	3	•
Eskdalemuir	1028.9	-1	NE'N	5	b	53	55	8	-	-	0	Ci	1	•
Tynemouth	1029.7	0	NNE	3	c	48	75	7	1500	Nb	9	-	9	2
Blacksod Point	1023.5	-2	SE	4	b	64	55	8	•	-	0	Ci	2	3
Donaghadee	1026.7	-2	N'E	1	b	57	65	8	-	-	0	-	0	2
Birr Castle	1023.3	•	NE	2	b	62	65	6	-	-	0	CiCu	1	•
Holyhead	1024.5	-1	E'N	5	b	56	65	6	-	-	0	-	0	4
Liverpool (Bidston)	1025.5	-1	ENE	5	b	60	45	6	-	-	0	-	0	•
Chester (Sealand)	1025.3	+1	E	4	b	62	55	7	-	-	0	-	0	•
Harrogate	1028.5	0	N	3	c+	48	75	7	4000	Nb	9	-	9	•
Spurn Head	1027.0	0	NE'E	4	c	49	92	7	4000	StCu	10	-	10	4
Birmingham (Edgbaston)	1026.3	0	ENE	4	bc+	53	65	8	2500	StCu	7	-	7	•
Cranwell	1027.1	0	NE'N	4	c	50	75	7	1500	St	10	-	10	•
Gorleston	1025.0	0	N'E	4	c	51	75	8	2500	StCu	9	-	9	1
Valentia (Cahirciveen)	1021.4	0	SE	3	c	60	75	8	4000	StCu	6	aSt	9	0
Roches Point	1023.2	-1	SE	3	c	53	92	8	2500	StCu	10	-	10	1
Pembroke (St. Ann's H.)	1023.1	0	ESE	2	c+	56	85	7	-	-	0	CiSt	8	1
Ross-on-Wye	1024.6	0	E'N	4	bc	56	65	7	4000	StCu	3	Ci	4	•
Leafield	1024.9	0	NE'E	4	c+	50	75	8	3700	StCu	9	-	9	•
Winchester (Worthy Dn.)	1023.4	+1	N'E	4	bc-	57	65	8	-	-	0	Ci	3	•
S. Farnborough	1023.8	+1	NNE	3	bc-	56	65	7	-	-	0	Ci	6	•
London (Kew Obsy.)	1024.8	+1	NNE	4	bc	54	65	7	-	-	0	Ci	4	•
Croydon	1024.1	+1	NE'N	4	bc	56	55	7	2500	StCu	1	Ci	7	•
Shoeburyness	1024.9	+1	NE	3	c+	53	92	8	2500	StCu	10	-	10	•
Clacton-on-Sea	1025.0	+2	NE	4	c	53	75	7	2500	StCu	10	-	10	2
Felixstowe	1025.2	+1	N	3	c	52	85	9	800	St	10	-	10	4
Lympne	1024.2	+1	NNE	5	c+	50	75	8	800	StCu	8	Ci	9	•
Scilly (St. Mary's)	1021.7	0	E'S	5	c	53	85	6	4000	StCu	8	-	8	4
Falmouth (Pendennis)	1021.8	0	SE'E	4	bc-	52	85	7	4000	Cu	2	aCu	5	4
Plymouth (Cattewater)	1021.7	0	E	4	b-	56	75	7	1500	Cu	2	-	2	0
Portland Bill	1022.4	+1	E	3	c-	51	92	6	1500	StCu	2	CiSt	10	4
Southampton (Calshot)	1023.4	0	SE	3	b	57	85	6	-	-	0	-	0	0
Dungeness	1023.4	-1	NE	5	c	52	75	8	1500	StCu	3	CiCu	8	3
Guernsey (Fort George)	1021.4	0	E'N	5	c	50	92	6	1500	St	8	aSt	10	5

London Observations.

Day 7h-18h., Kew & Croydon. 9h-18h., Kensington. 9h-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cbc	bcy	c	62	47	43	-	-	5.5	•	•	6
Croydon	264	c70	bcy	bcom	62	46	44	-	-	5.8	•	•	6
Greenwich (Royal Obsy.)	149	c	cy	cbcmw	63	44	38	-	Tr	5.9	50	79	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	4.9	•	•	•
Westminster (St. James' Pk.)	27	•	•	•						4.9			•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	5.0	•	•	•
Camden Square	110	oc	bc	•	64	45	-	-	-	•	•	78	•
Kensington Palace	80	obc	bc	•	62	46	40	-	-	•	(At 18h.) 87	87	•
Hampstead Observatory	450	•	•	•	58	42	41	-	0.1	4.6	•	82	•

Table showing the Greenwich times of sunrise, noon, and sunset.

For the day 31st May, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.40	11.50	20.1
	3.39	11.51	20.3
Greenwich	3.53	11.57	20.3
	3.52	11.57	20.4
Wick	3.22	12.10	20.59
	3.20	12.10	21.1
Valentia	4.32	12.38	20.46
	4.31	12.39	20.47

Beaufort notation of weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
MQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening skye
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

Symbols.
< = { less than (for cloud height). / before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.
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.

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 30th

South Kensington Max.	Time.	Min.	Time.
0.4	7h. 30m	<0.3	21h. 29m to 6h. 30m

Kew Observatory Max.	Time.	Min.	Time.
0.1	7h. 30m	<0.1	21h. 29m

Pole Star Record at Greenwich Obsy.

Exposure from 29th at 21h. 30m. to 30th at 2h. 25m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	4.45	2.27	52
δ Ursae Minoris	4.45	2.09	45

Code for state of ground.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 12h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

Sea Disturbance.
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

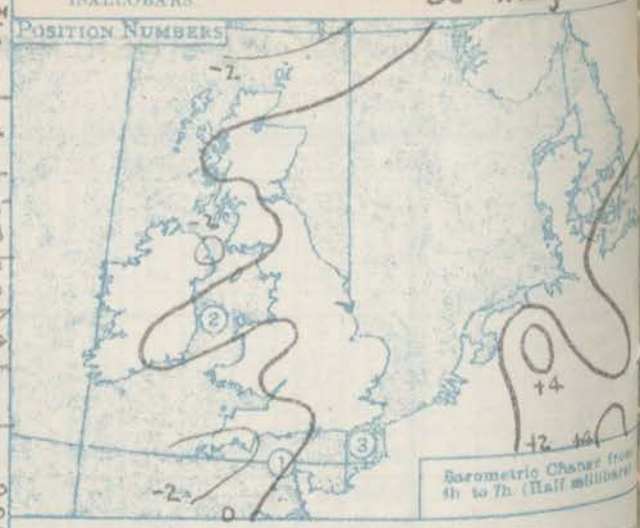
§ Telegraphic Code for Surface Visibility.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	5½ "
7. Good.	13½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 29th	Weather. 18h.-18h. 29th	Weather. 18h. 29th to 18h. 30th	Weather. 18h.-7h. 30th	Temperature. Max. Day 7h.-18h.	Temperature. Min. Night 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day 7h.-18h. mm	Rainfall.† Day 7h.-18h. began.	Rainfall.† Night 18h.-7h. mm	Rainfall.† Night 18h.-7h. began.	Sun 29th Hours.
Lerwick	cbc	bc	bbcc	c	50	46	•	–	–	–	–	12.8
Stornoway	b-bc	b-bc	b-bc	b-bc	53	44	•	–	–	–	–	15.4
Wick	b-bc	b-bc	b-bc	b-bc	50	38	•	–	–	–	–	•
Tiree	bcb	b	b	b	59	45	36	–	–	–	–	13.5
Nairn	bc	bcq	bcw	bcb	53	40	•	–	–	–	–	10.5
Aberdeen	bc	bcb	b,c	cbc	56	45	42	–	–	–	–	12.3
Malin Head	bc	bcb	b	b	56	47	•	–	–	–	–	13.9
Renfrew	bczy	bcby	bbc	bcc	63	46	43	–	–	–	–	13.9
Edinburgh (Lochkeith)	b	b-bc	bbc	bcc	55	45	38	–	–	–	–	14.7
Leuchars	bcwbb	b	bbcw	bbcwc	56	41	38	–	–	–	–	14.9
Eskdalemuir	bcby	by	bybvbc	bc	58	40	39	–	–	–	–	12.4
Tynemouth	oc	c	c	c	49	46	45	–	–	–	–	•
Blackpool Point ...	b	b	b	bbc	67	52	•	–	•	–	•	•
Donaghadee	bcb	b	b	b	57	46	•	–	–	–	–	•
Birr Castle	bby	b	c	c	63	46	39	–	–	–	–	13.0
Holyhead	bz	bz	bzw	bbcm	57	49	46	–	–	–	–	14.0
Liverpool (Bidston) ...	bbyz	bbyz	yzb	cm	63	48	45	–	–	–	–	12.8
Chester (Sealand) ...	bcbz	bzy	b,c	cm	66	47	44	–	–	–	–	12.6
Harrogate	cb	bbcc	c	cdd	54	44	42	–	–	0.1	3.30	10.0
Spurn Head	c	c	cpdc	c	53	46	•	–	–	Tr.	22.00	0.0
Birmingham (Edgbaston)	cbc	bbc	c	c	59	46	45	–	–	–	–	8.4
Cranwell	c	c	cbc	c	53	42	40	–	–	–	–	0.5
Gorleston	cq	cq	cbcbq	bccq	52	46	44	–	–	–	–	0.0
Valentia (Cahirciveen)	bcy	bcyc	cpcbc	bc	67	53	47	–	–	Tr.	22.00	8.3
Roches Point	bc	bcc	cz	c	57	50	•	–	–	–	–	•
Pembroke (St. Ann's H.)	bc	c	cbc	bcc	58	47	•	–	–	–	–	8.8
Ross-on-Wye	ocbc	bcy	bcco	c	62	47	47	–	–	–	–	6.9
Leafield	ocbc	bcc	cid	c	59	45	43	–	–	Tr.	22.00	8.7
Winchester (Worthy Dn.)	bcc	cbc	bcbbc	bcc	61	46	44	–	–	–	–	7.7
S. Farnborough ...	comc	cmbcy	bc	cm	62	45	40	–	–	–	–	6.1
London (Kew Obsy.) ...	cbc	bcy	c	c	62	47	43	–	–	–	–	5.5
Croydon	cz	bccy	bccbc	bcm	62	46	44	–	–	–	–	5.8
Shoeburyness	ocbc	bcc	c	cbc	59	44	42	–	–	–	–	4.7
Clacton-on-Sea ...	ocbc	bcco	o	cbc	59	45	41	–	–	–	–	4.8
Felixstowe	cbc	bcvcv		b	57	43	41	–	–	–	–	3.5
Lympne	cmc	cbcc	c	cm	54	47	45	–	–	–	–	4.5
Scilly (St. Mary's) ...	orro	oc	cbcb	bbcc	53	50	•	3	<800	–	–	0.0
Falmouth (Pendennis)	orm	cbc	bc	bcc	53	49	•	6	<800	–	–	0.6
Plymouth (Cattewater)	crro	oqb	bbc	bqc	58	49	47	3	<800	–	–	3.1
Portland Bill	orcz	cz	cbcoz	oc	54	48	•	Tr.	<800	–	–	•
Southampton (Calshot)	ccm	bcbm	bmbcc	c	61	49	47	–	–	–	–	6.3
Dungeness	oc	c	c	co	54	49	•	–	–	–	–	•
Guernsey	orrmq	bqm	omq	czq	51	48	•	4	<800	Tr.	1.30	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
C 2	29th 10h	CAMBRIA	NE	5	bc	51	49
	30th 1h	BRIGHTON	ENE	4	c+	51	51

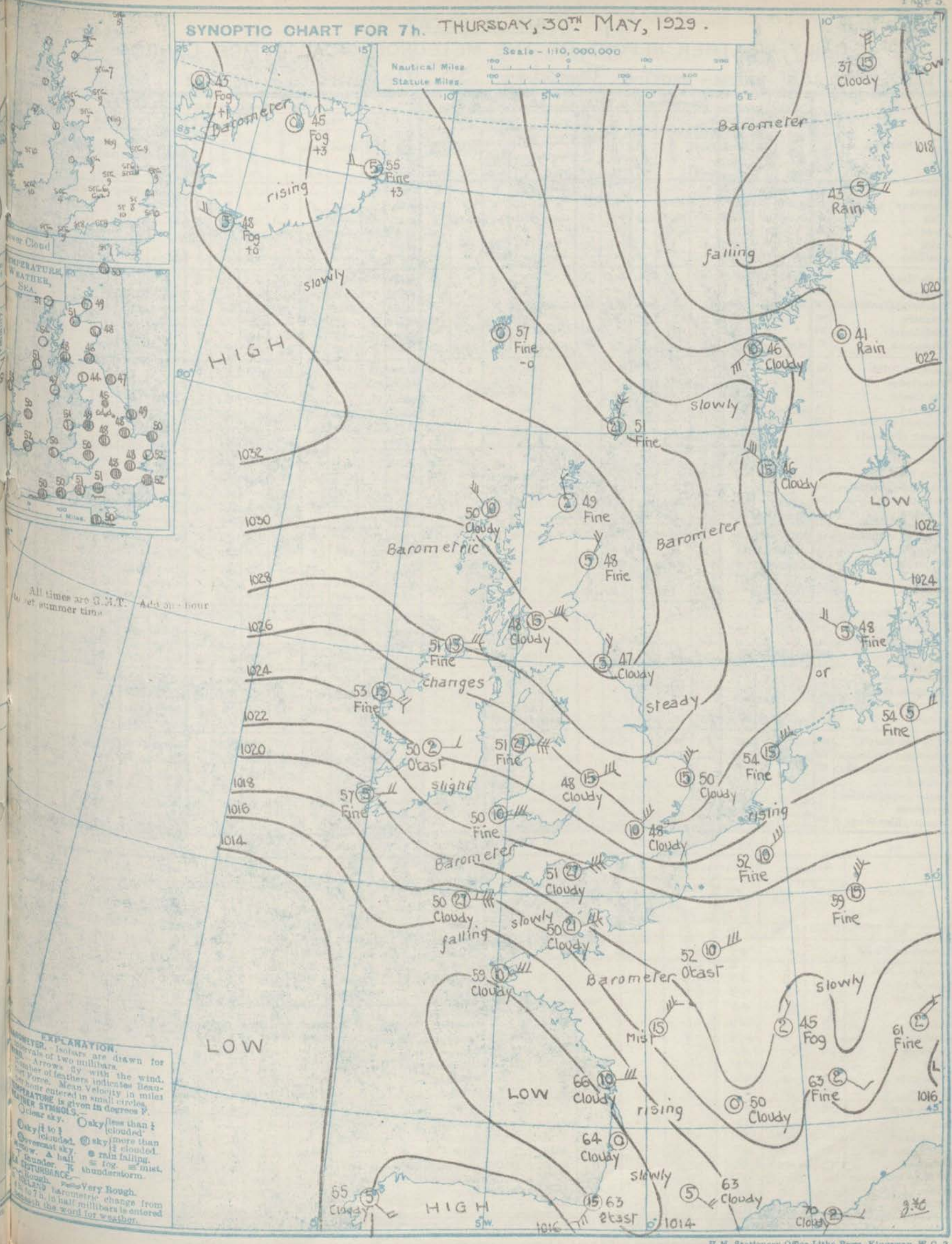
GENERAL INFERENCE.

A depression off our south-western coasts is spreading northeast. Rain is likely in Southwest England but elsewhere weather will be cloudy with bright periods especially in the North.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Thursday, 30th May, 1929.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Fresh easterly winds; cloudy, with brighter intervals; rather warm.	Fair in the North; doubtful in the South.
4. W. Midlands 5. S.W. England ▲ 6. South Wales	Fresh to strong easterly winds; stronger at times in exposed places; cloudy, some rain later; rather warm.	
7. North Wales 8. N.W. England 9. N. Midlands	Fresh easterly winds, stronger at times; cloudy; rather warm.	▲ North cone hoisted at 08h 15m G.M.T. this morning.
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotland B. E. W. Scotland 14. Mid-Scotland	Moderate easterly winds; cloudy with brighter intervals; rather warm.	
15. N.E. Scotland 16. Orkneys and Shetlands	Moderate variable winds; cloudy with bright periods; rather warm.	
17. N.W. Ireland 18. N.E. Ireland	As 1 - 3	
19. S.E. Ireland 20. S.W. Ireland	Fresh to strong easterly winds; cloudy, some rain later; rather warm.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1215 G.M.T. G. C. SIMPSON, F.R.S., Director.

SYNOPTIC CHART FOR 7h. THURSDAY, 30TH MAY, 1929.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Thursday, 30th May 1929. No. 150

Stations	Height above M.S.L. in feet	1h. G.M.T. 30th Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	7h. G.M.T. 30th Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	54	1030.0	0	–	0	c	48	85	8	1500	St.Cu.	8	–	8	1027.8	-3	NW	3	c	50	92	7	1500	St.Cu.	5	A.St.	8	•
Stornoway	30	1030.8	0	NE	4	b-	•	•	8	•	•	•	•	0	1030.1	-1	NNE	5	b	51	75	8	–	–	0	–	0	4
Wick	81	1031.9	0	NNW	2	bc-	39	97	8	4000	St.Cu.	2	Ci.St.	3	1031.1	-1	NNW	1	bc	49	75	8	2500	St.Cu.	2	Ci.St.	4	0
Tiree	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1028.8	0	ENE	1	b-	54	85	8	–	–	0	–	0	1
Nairn	83	•	•	•	•	•	•	•	•	•	•	•	•	•	1030.1	•	ENE	1	b-	51	75	8	–	–	0	A.Cu.	2	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1030.8	0	NNE	2	bc-	48	75	8	2500	St.Cu.	7	–	7	0
Malin Head	51	1029.1	+2	NEE	4	b	54	65	7	–	–	0	–	0	1028.1	-1	E	4	b	51	65	8	–	–	0	A.Cu.	1	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1030.3	-1	ENE	4	c	48	85	7	2500	St.Cu.	9	–	9	•
Edinburgh (Inchkeith)	190	1030.7	+1	E	2	bc	46	85	8	2500	St.Cu.	7	–	7	1030.2	0	ENE	2	c	46	85	8	4000	St.Cu.	9	–	9	1
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1030.9	0	NE	2	c	47	75	7	2500	St.Cu.	9	–	9	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1029.9	0	NE	5	bc	44	75	8	1500	St.Cu.	7	–	7	•
Tynemouth	67	1030.0	0	NE	2	c	47	75	7	1500	Nb.	9	–	9	1030.1	0	NNE	2	c	47	75	8	1500	Nb.	9	–	9	2
Blacksod Point	18	1026.1	+1	SE	3	b	57	65	7	•	Cu.	2	–	2	1024.6	0	SE	4	bc	53	75	8	•	–	0	A.Cu.	5	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.4	-2	SE	3	b	47	75	8	–	–	0	–	0	3
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.2	•	E	1	o+	50	85	6	2500	St.	10	–	10	•
Holyhead	26	1025.4	0	E	6	b	50	85	5	–	–	0	–	0	1024.9	0	E'S	6	b-	51	85	6	–	–	0	C.	1	4
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.3	0	SE'E	4	c	49	75	6	4000	St.Cu.	9	–	9	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.1	0	ESE	3	c-	50	85	6	1500	St.	9	–	9	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1029.4	0	N	1	cd₀d₀	45	92	7	2500	Nb.	9	A.St.	10	•
Spurn Head	29	1027.6	0	NE'E	3	c-	47	97	7	4000	Cu.Nb.	4	A.St.	8	1028.1	0	E'N	3	c	49	92	7	4000	St.Cu.	9	–	9	4
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.2	+1	ENE	4	c-	48	75	6	2500	St.Cu.	9	–	9	•
Cranwell	236	1028.0	0	NNE	3	bc-	45	92	7	1500	St.Cu.	6	–	6	1028.3	0	ENE	2	c	48	85	7	800	St.	9	–	9	0
Gorleston	14	1026.3	+1	NE	4	b+	49	92	7	4000	Cu.	2	–	2	1026.5	0	NNE	4	c	50	92	6	4000	St.Cu.	9	–	9	0
Valentia (Cahirciveen) ⁋	30	1022.8	-1	SE	3	c+	56	92	7	-*	Cu.Nb.	9	–	9	1019.4	-1	E'N	2	bc	57	75	8	4000	Cu.	1	Ci.Cu.	6	1
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.1	0	SE	3	c	52	92	8	2500	St.Cu.	10	–	10	1
Pembroke (St. Ann's H.)	160	1024.2	+2	E	1	bc-	50	92	7	–	–	0	A.Cu.	3	1022.3	-1	E	3	bc	50	85	7	1500	St.Cu.	4	Ci.St.	6	•
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.3	0	E'N	4	c	50	75	7	4000	St.Cu.	8	–	8	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.5	+1	ENE	4	c-	48	85	7	4000	St.Cu.	9	–	9	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.3	0	NE'E	4	c	49	85	7	1500	St.Cu.	9	–	9	•
S. Farnborough	257	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.9	+1	ENE	4	o	48	85	6	1500	St.	10	–	10	•
London (Kew Obsy.)	18	•	•	•	•	•	50	•	•	•	•	•	•	•	1026.0	+1	NE'E	3	c	48	85	6	2500	St.	8	A.St.	10	•
Croydon	244	1025.4	0	ENE	4	bc	49	85	6	450	St.	4	–	4	1025.6	+1	NE	3	o	48	85	6	800	St.	10	–	10	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.3	0	ENE	5	bc-	54	92	7	1500	St.	7	–	7	4
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.0	+1	NE	5	bc	52	85	7	2500	Cu.	5	–	5	4
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.4	+1	NE'N	4	b	52	75	8	4000	Cu.	1	–	1	•
Lympne	350	1024.6	0	NNE	4	c	48	92	7	800	St.	10	–	10	1024.7	+1	NNE	4	c	50	85	6	800	St.	10	–	10	•
Scilly (St. Mary's)	163	1020.6	-1	E	5	b	51	92	7	–	–	0	–	0	1017.0	-3	E	7	c	50	85	6	4000	St.Cu.	9	–	9	6
Falmouth (Pendennis)	200	1021.8	0	E	4	bc+	51	85	7	4000	St.Cu.	7	–	7	1019.6	-2	E	5	c	50	85	7	4000	St.Cu.	9	–	9	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.1	-2	E	7	c	51	75	7	450	St.	8	Ci.St.	9	2
Portland Bill	32	1023.0	-1	NE	4	c-	49	85	6	1500	St.	9	–	9	1021.3	-1	ENE	6	c	51	75	8	800	St.	9	–	9	6
Southampton (Calshot)	10	1024.8	0	E'N	3	c	50	85	7	2500	St.Cu.	10	–	10	1024.4	0	E	5	c	52	85	7	1500	St.Cu.	10	–	10	6
Dungeness	20	1024.2	0	NE	3	cr	57	85	8	4000	St.Cu.	10	–	10	1024.3	+1	NE	4	o	52	97	7	1500	St.	10	–	10	6
Guernsey (Fort George) ⁋	298	1023.4	0	NE	4	c+	50	92	5	4000	St.Cu.	10	–	10	1020.6	0	ENE	5	c-	50	85	6	1500	St.	7	A.St.	9	[illegible]

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th May

Stations (1)	Weather Fore-noon (2)	Weather After-noon (3)	Temperature Min. 9h.-28th to 9h. 29th (4) °F.	Temperature Max. 9h.-17h. 29th (5) °F.	Rainfall† Night 17h.-9h. 28-29th (6) mm.	Rainfall† Day 9h.-17h. 29th (7) mm.	Sunshine Sunrise to 17h. 29th (8) hr.	Sunshine Sunrise to Sunset 28th (9) hr.
Berwick-on-Tweed	c	c	45	50	-	-	2.0	2.7
Douglas (I. o. M.)	b	b	46	61	–	-	12.2	13.7
Llandudno	b	b	49	59	-	-	10.2	14.1
Colwyn Bay	b	b	49	62	-	-	9.8	13.8
Rhyl	b	b	48	65	-	-	10.2	12.6
Wallasey	b	b	47	66	–	-	12.3	13.5
Southport	b	b	*44	64	-	-	12.3	12.9
Blackpool	bc	bcc	41	65	-	-	12.3	12.9
Ilkley	bcb	b	45	56	-	-	9.4	2.2
Cleethorpes	o	o	46	50	-	-	0.0	1.6
Skegness	o	o	47	50	-	–	0.0	0.0
Aberystwyth	bc	bc	49	71	-	-	12.1	10.7
Bath	c	cbc	48	63	-	-	4.8	12.3
Cheltenham‡	obcb	bbcb	47	64	-	-	5.8	9.1
Leamington Spa	c	cbc	47	58	-	-	6.2	9.1
Lowestoft	c	c	46	52	-	-	0.0	0.0
Harwich & Dovercourt	oc	bcoc	47	59	-	-	4.1	14.3
Maldon	obc	bc	48	58	-	-	5.0	14.0
Southend	oc	c	48	60	-	-	4.5	13.7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bude	bccor	bcc	50	59	-	3	2.0	5.8
Penzance	rc	cir	51	55	11	1	0.0	0.1
Paignton	omrq	oprcb	50	56	0.3	3	0.7	1.2
Torquay	nropro	bz	51	56	Trace	3	0.7	1.6
Jersey	rc	c	49	62	13	-	0.1	1.0
Weymouth	cProc	c	49	59	-	6	2.0	7.4
Bournemouth	o	oc	47	60	-	-	1.0	9.0
Ventnor	cuo	obz	48	58	-	-	3.5	9.2
Portsmouth (S'thsea)	co	ocb	49	62	-	-	2.4	10.4
Bognor	bcbc	cbc	48	60	-	-	3.0	12.5
Littlehampton	bc	bc	46	62	-	-	3.3	12.3
Worthing	c	cbc	49	62	-	-	4.8	13.3
Brighton	bcc	cbcb	49	62	-	-	4.0	13.1
Eastbourne‡	c	cbc	50	60	-	-	3.6	13.6
Hastings‡	cbcc	cbcb	47	57	-	-	1.7	12.9
Folkestone	coc	cbc	46	57	-	-	4.0	12.8
Dover	oc	cbcc	47	55	-	-	3.8	12.1
Tunbridge Wells	o	ocbc	47	~~57~~ 60	-	-	2.3	10.8
Ramsgate	cbc	bcc	46	52	-	-	4.2	7.3
Margate	cbc	bcc	47	51	-	-	4.2	0.9
Deal	o	obcc	47	56	-	-	3.4	1.6

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* Information not usually received. ⁋ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station ‡ For code see page 1. †‡ See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ⁂ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24662 Friday, 31st May 1929. Page 1.

Observations at 13h. G.M.T. 30th

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1026.1	-2	W'N	3	c	58	75	7	1500	StCu	5	ASt	8	•
Stornoway	1028.5	-1	NNE	4	b	56	85	8	-	-	0	-	0	•
Wick	1029.7	-1	ESE	1	bc	52	75	8	-	-	0	CiSt	3	•
Tiree	1027.2	-2	NE	1	b-	58	85	9	-	-	0	-	0	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1029.7	-1	SE	3	b	54	65	8	4000	StCu	1	-	1	0
Malin Head	1026.9	-1	E	4	b	53	75	7	-	-	0	ACu	1	•
Renfrew	1027.8	-3	ENE	3	b	60	55	7	-	-	0	-	0	0
Edinburgh (Inchkeith)	1028.6	-2	ENE	2	b	53	65	8	1500	St	1	-	1	•
Leuchars	1029.3	-2	ESE	3	b	53	65	8	-	-	0	ASt	1	0
Eskdalemuir	1027.4	-3	NE	4	b	60	55	8	-	-	0	-	0	0
Tynemouth	1029.5	-1	ENE	2	c	50	75	8	2500	Cu	8	-	8	•
Blacksod Point	1021.7	-1	E	4	bc	61	65	8	•	-	0	ACu	5	•
Donaghadee	1026.8	-3	NE	2	b	53	75	8	-	-	0	-	0	•
Birr Castle	1022.3	•	E	2	c-	62	65	7	-	-	0	CiSt	9	•
Holyhead	1023.2	-2	E	6	bc+	60	65	6	-	-	0	CiSt	4	0
Liverpool (Bidston)	1025.6	-1	E'S	4	b-	62	55	7	-	-	0	-	0	•
Chester (Sealand)	1025.1	-2	ESE	3	b-	65	65	6	2500	Cu	1	-	1	0
Harrogate	1028.3	-2	E'N	3	c	53	75	7	4000	Nb	9	-	9	•
Spurn Head	1028.1	0	E'N	3	c	51	75	7	4000	StCu	10	-	10	•
Birmingham (Edgbaston)	1024.9	-2	ENE	4	b	63	45	8	-	-	0	-	0	0
Cranwell	1027.2	-2	E'N	3	b-	64	55	8	4000	Cu	1	-	1	0
Gorleston	1027.0	0	NE	4	c	51	92	6	4000	Cu	9	-	9	•
Valentia (Cahirciveen)	1015.5	-7	ENE	5	c	58	65	8	4000	StCu	6	ACu	8	0
Roches Point	1013.0	-5	SE	4	c	54	85	7	1500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1021.4	-1	SE	4	bc	59	75	7	-	-	0	CiSt	7	•
Ross-on-Wye	1025.3	-3	E'N	4	bc-	64	45	8	-	-	0	Ci	3	0
Leafield	1025.8	-1	E	5	bc-	63	45	8	4000	Cu	2	Ci	3	0
Winchester (Worthy Dn.)	1022.7	-2	NE'E	4	bc	65	45	8	-	-	0	Ci	6	0
S. Farnborough	1023.2	-2	ENE	4	b	65	55	7	2500	Cu	1	Ci	2	0
London (Kew Obsy.)	1024.4	-2	E'N	5	bc	68	55	7	2500	Cu	1	CiSt	6	0
Croydon	1024.1	-2	ENE	4	bc-	62	55	8	2500	Cu	4	-	4	0
Shoeburyness	1025.4	0	ENE	4	b	60	85	7	1500	Cu	1	-	1	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1025.6	-1	NE	5	b	56	75	9	4000	Cu	1	-	1	0
Lympne	1023.7	-2	NE'E	5	b-	60	75	8	2500	Cu	1	-	1	0
Scilly (St. Mary's)	1017.2	0	E'S	7	c	52	92	6	4000	StCu	9	-	9	•
Falmouth (Pendennis)	1019.4	-1	E	5	bc-	54	85	7	4000	StCu	4	ACu	6	•
Plymouth (Cattewater)	1019.7	-2	E	7	bc⊕	58	65	7	-	-	0	Ci	6	0
Portland Bill	1020.9	-1	ENE	6	bc	55	85	8	1500	StCu	3	Ci	7	•
Southampton (Calshot)	1022.7	-2	ESE	4	bc	67	65	7	2500	Cu	3	-	3	0
Dungeness	1025.3	-1	NE	4	b	60	75	8	2500	Cu	2	-	2	•
Guernsey (Fort George)	1020.1	-1	ENE	5	bc	54	85	6	-	-	0	CiSt	7	•

Observations at 18h. G.M.T. 30th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1025.7	-2	W'N	3	bc	55	75	8	1500	StCu	3	ASt	6	•
Stornoway	1026.6	-3	NNE	4	b	55	85	8	-	-	0	-	0	3
Wick	1026.8	-3	SE	1	bc	51	92	8	4000	StCu	2	CiSt	4	0
Tiree	1025.3	-3	NE	1	b-	58	85	9	-	-	0	-	0	0
Nairn	1026.1	•	ENE	1	b-	59	65	8	-	-	0	-	0	•
Aberdeen	1026.6	-4	SSE	2	b	56	65	7	-	-	0	-	0	0
Malin Head	1024.7	-2	ENE	3	bc	54	85	7	-	-	0	ACu	3	1
Renfrew	1025.7	-2	ENE	3	b	61	55	8	-	-	0	-	0	•
Edinburgh (Inchkeith)	1026.9	-4	ENE	3	b	52	75	8	-	-	0	ASt	1	1
Leuchars	1027.3	-3	E	3	b	51	75	8	-	-	0	-	0	•
Eskdalemuir	1025.1	-3	NE'E	4	b	59	65	8	-	-	0	-	0	•
Tynemouth	1027.8	-2	ENE	2	c+	48	75	8	2500	Cu	8	-	8	2
Blacksod Point	1019.8	-1	E	4	bc	62	65	8	•	-	0	ACu	6	4
Donaghadee	1024.0	-3	NNE	2	b-	54	75	8	-	-	0	CiSt	1	1
Birr Castle	1020.2	•	E	2	c	65	55	7	-	-	0	CiSt	9	•
Holyhead	1021.5	-2	E'S	5	bc-	60	75	6	-	-	0	CiSt	4	4
Liverpool (Bidston)	1023.1	-1	E	5	b	63	45	7	4000	StCu	2	-	2	•
Chester (Sealand)	1025.3	-1	E'S	3	b+	63	65	6	-	-	0	CiCu	2	•
Harrogate	1026.0	-1	E	3	b	55	75	8	4000	StCu	1	-	1	•
Spurn Head	1026.5	-1	E'S	3	c	48	92	7	4000	StCu	9	-	9	3
Birmingham (Edgbaston)	1023.5	-1	E	4	b+	61	55	7	-	-	0	Ci	2	•
Cranwell	1026.2	-1	ENE	4	b+	55	75	8	4000	Cu	1	-	1	•
Gorleston	1025.5	-2	NE	4	o	48	92	6	1500	St	10	-	10	0
Valentia (Cahirciveen)	1017.3	+1	E'S	6	c	57	75	8	1500	StCu	9	-	9	3
Roches Point	1020.2	0	SE	3	e	56	85	7	2500	StCu	9	-	9	1
Pembroke (St. Ann's H.)	1019.4	-3	E	3	bc-	64	85	7	-	-	0	CiCu	3	2
Ross-on-Wye	1021.1	-2	E	4	bc+	66	45	8	-	-	0	Ci	3	•
Leafield	1021.7	-2	E'N	4	bc	64	45	8	-	-	0	Ci	5	•
Winchester (Worthy Dn.)	1021.3	-1	NE	4	b	64	55	8	-	-	0	Ci	1	•
S. Farnborough	1022.1	0	ENE	4	b	61	55	7	-	-	0	Ci	1	•
London (Kew Obsy.)	1023.1	-1	E	4	b-	63	45	8	-	-	0	Ci	1	•
Croydon	1023.0	0	E	4	b-	60	55	8	-	-	0	Ci	1	•
Shoeburyness	[illegible]	-3	ENE	4	b	54	75	7	-	-	0	-	0	•
Clacton-on-Sea	1024.2	-2	NE	6	bc	54	75	7	2500	Cu	3	-	3	4
Felixstowe	1024.2	-3	NE'N	5	b+	51	85	8	800	St	2	-	2	4
Lympne	1022.3	-1	NE	5	b	56	65	8	-	-	0	-	0	•
Scilly (St. Mary's)	1017.3	0	E'S	5	c	53	85	6	4000	StCu	10	-	10	6
Falmouth (Pendennis)	1018.1	-3	E	6	bc	56	85	7	4000	Cu	4	ACu	6	4
Plymouth (Cattewater)	1018.3	-1	ESE	7	bc	61	65	8	5700	CuNb	1	Ci	3	4
Portland Bill	1018.7	-3	ENE	5	bc	56	85	8	1500	StCu	5	Ci	7	6
Southampton (Calshot)	1021.6	-2	E'N	4	b	64	65	7	-	-	0	CiSt	2	0
Dungeness	1021.8	-2	NE	4	b	56	75	8	-	-	0	-	0	3
Guernsey (Fort George)		-3		3	bc-	55	85	7	2500	Cu	3	ACu	5	4

*London Observations. Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations.

Station	Heights above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Nght. °F.	Min. on Grass °F.	Rainfall† mm. Day	Rainfall Night	Sunshine to Sunset, hrs.	Humidity 13h. G.M.T. % Yesterday	Humidity 9h. G.M.T. % To-day	Visibility 9h.
		24 Hours ended 9h.											
Kew	18	cbcy	bcby	bcpm	66	45	43	-	-	10.0	•	•	6
Croydon	284	ocmbc	bcby	bcpm	65	45	43	-	-	10.0	"	•	6
Greenwich (Royal Obsy.)	149	cbcy	bcby	bcmc	67	44	35	-	Tr.	9.9	50	83	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	9.5	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	66	45	44	-	-	10.0	48	78	•
Regent's Pk. (Botanic Gdns).	163	•	•	•	•	•	•	•	•	10.1	•	•	•
Camden Square	110	c	b	•	70	45	-	-	-	•	•	85	•
Kensington Palace	80	cc	bcb	•	67	45	39	-	-	•	(At 18h) 51	80	•
Hampstead Observatory	450	•	•	•	64	56	39	-	-	10.3	•	92	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 31st

South Kensington			
Max.	Time	Min.	Time.
0.4	8h. 30th	0.3	23h. 30th to 5h. 31st

Kew Observatory			
Max.	Time.	Min.	Time.
0.2	8h. 30th	0.1 REST OF PERIOD	

Pole Star Record at Greenwich Obsy.

Exposure from 30th 21 h. 30 m. to 31st 2 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	4.45	3.35	75
δ Ursae Minoris	4.45	3.16	69

Code for State of Ground.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset. 30th May & 1st June, 1929.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.39 / 3.38	11.51 / 11.51	20.03 / 20.04
Greenwich	3.52 / 3.51	11.57 / 11.57	20.04 / 20.05
Wick	3.20 / 3.19	12.10 / 12.10	21.01 / 21.02
Valentia	4.31 / 4.30	12.39 / 12.38	20.47 / 20.48

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ⩀ = lunar halo.
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.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.
0 = no swell, 1 = mod. swell, 2 = heavy swell — Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell — Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ Telegraphic Code for Surface Visibility.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

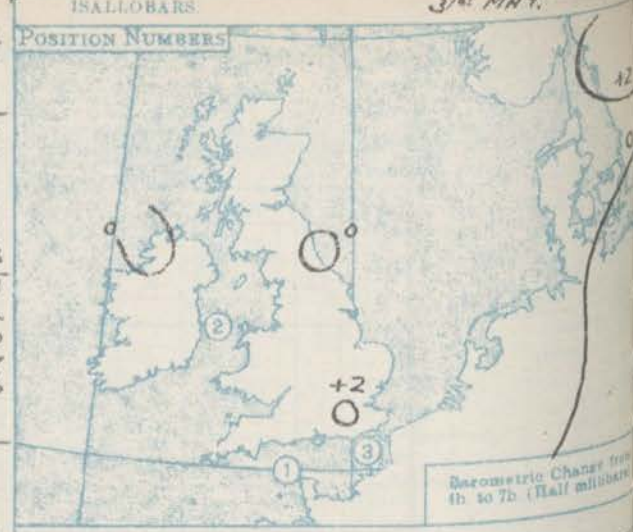
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h. 18h. 30th	13h.-18h. 30th	18h. 30th to 1h. 31st	1h.-7h. 31st	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass	Rainfall.† Day. 7h.-18h. mm	began.	Night. 18h.-7h. mm.	began.	Sun 30th. Hours.
Lerwick	c	cbc	cpr₀	cpr₀c	61	46	•	-	-	Tr.	24.00	6.2
Stornoway	b-bc	b-bc	c	o	56	49	•	-	-	-	-	14.9
Wick	b-bc	b-bc	c	c	53	46	•	-	-	-	-	•
Tiree	b	b	b	b	59	45	37	-	-	-	-	15.6
Nairn	b	b	bbc	bccd	59	49	•	-	-	0.6	6.30	15.9
Aberdeen	b	b	b	boRd	56	44	40	-	-	0.1	5.30	13.3
Malin Head	b	b	bcb	bz₀	55	49	•	-	-	-	-	14.8
Renfrew	cb	by	bybw	bnw	64	37	28	-	-	-	-	13.4
Edinburgh (Inchkeith)	bcb	b~~bc~~	b-bc	bbcc	54	45	32	-	-	-	-	10.0
Leuchars	cbcb	b	bw	bw,o,d₀	54	36	32	-	-	Tr.	5.30	10.7
Eskdalemuir	bcby	by	b	b	63	37	29	-	-	-	-	12.6
Tynemouth	c	cbc	cbc	c	57	44	33	-	-	-	-	•
Blacksod Point ...	bc	bc	bcc	cb	63	53	•	-	•	-	•	•
Donaghadee	bbcb	b	b	b	58	46	•	-	-	-	-	•
Birr Castle	c	cby	cbw	cbw	66	45	37	-	-	-	-	5.0
Holyhead	bm₀z₀	bcz₀	bcbz₀	bm₀bc	62	49	44	-	-	-	-	13.8
Liverpool (Eidston) ...	cbcbc	bby	bz₀	b-bc	64	43	40	-	-	-	-	11.4
Chester (Sealand) ...	cm₀bcbz₀	bz₀	bz₀	bcm₀	67	36	33	-	-	-	-	11.4
Harrogate	cd₀c	cb	bbcc	c	56	42	40	Tr.	<8.00	-	-	5.0
Spurn Head	c	c	c	c	52	44	•	-	-	-	-	0.1
Birmingham (Edgbaston)	cb	b	bbc	bcc	65	41	39	-	-	-	-	10.4
Cranwell	cb	bbc	b,c	c	64	43	44	-	-	-	-	10.3
Gorleston	cq	cq	ocbcq	bccq	52	45	44	-	-	-	-	2.6
Valentia (Cahirciveen)	bcc	cbcc	~~bcz~~c	co	65	52	46	-	-	-	-	6.1
Roches Point	c	cbcc	bcpzl	cclc	57	50	•	-	-	0.2	22.00	•
Pembroke (St. Ann's H.)	c	bc	bbcl	bc	65	49	•	-	-	-	-	11.2
Ross-on-Wye	cbc	bcyby	bcb	bwco	68	41	34	-	-	-	-	11.0
Leafield	cbc	bc	bcw	co	65	39	37	-	-	Tr.	-	11.0
Winchester (Worthy Dn.)	cbcy	bcby	bybbc	bccm₀	68	42	39	-	-	-	-	11.9
S. Farnborough ...	ob	by	ybw	bwc	67	43	33	-	-	-	-	9.6
London (Kew Obsy.) ...	cbcy	bcby	by	bycm₀	66	45	43	-	-	-	-	10.0
Croydon	ocm₀bc	bcby	bycm₀	com₀	65	45	43	-	-	-	-	10.0
Shoeburyness	bcb	bcb	bbc	bcco	62	45	43	-	-	-	-	12.4
Clacton-on-Sea ...	bc	bc	bcc	c	57	46	43	-	-	-	-	12.8
Felixstowe	bbcbv	bvb	bcc	c	57	44	41	-	-	-	-	13.3
Lympne	cm₀bc	b	b	bbcm₀	61	45	42	-	-	-	-	9.2
Scilly (St. Mary's) ...	cp₀	c	corlt	orrc	55	51	•	(04)	<8.00	3	24.00	1.1
Falmouth (Pendennis)	cbcq	bcq	bcqcl	cl	56	53	•	-	-	-	-	6.7
Plymouth (Cattewater)	cqbc	bcq	bcqb	bbc	62	53	51	-	-	-	-	10.4
Portland Bill	cbc	bc	bcb	bbc	56	48	•	-	-	-	-	•
Southampton (Calshot)	cbc	bcb	b	bbcm₀	67	46	44	-	-	-	-	10.4
Dungeness	cobcb	b	b	bbc	61	49	•	-	-	-	-	•
Guernsey	cz₀	bcz₀	bcbl	bbccm₀	56	50	•	-	-	-	-	10.5

ISALLOBARS. 31st MAY.

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	10h. 30th	CAMBRIA	E	4	bc	56	49
1	12h. "	ST. HELIER	ENE	7	ifo	53	51

GENERAL INFERENCE.

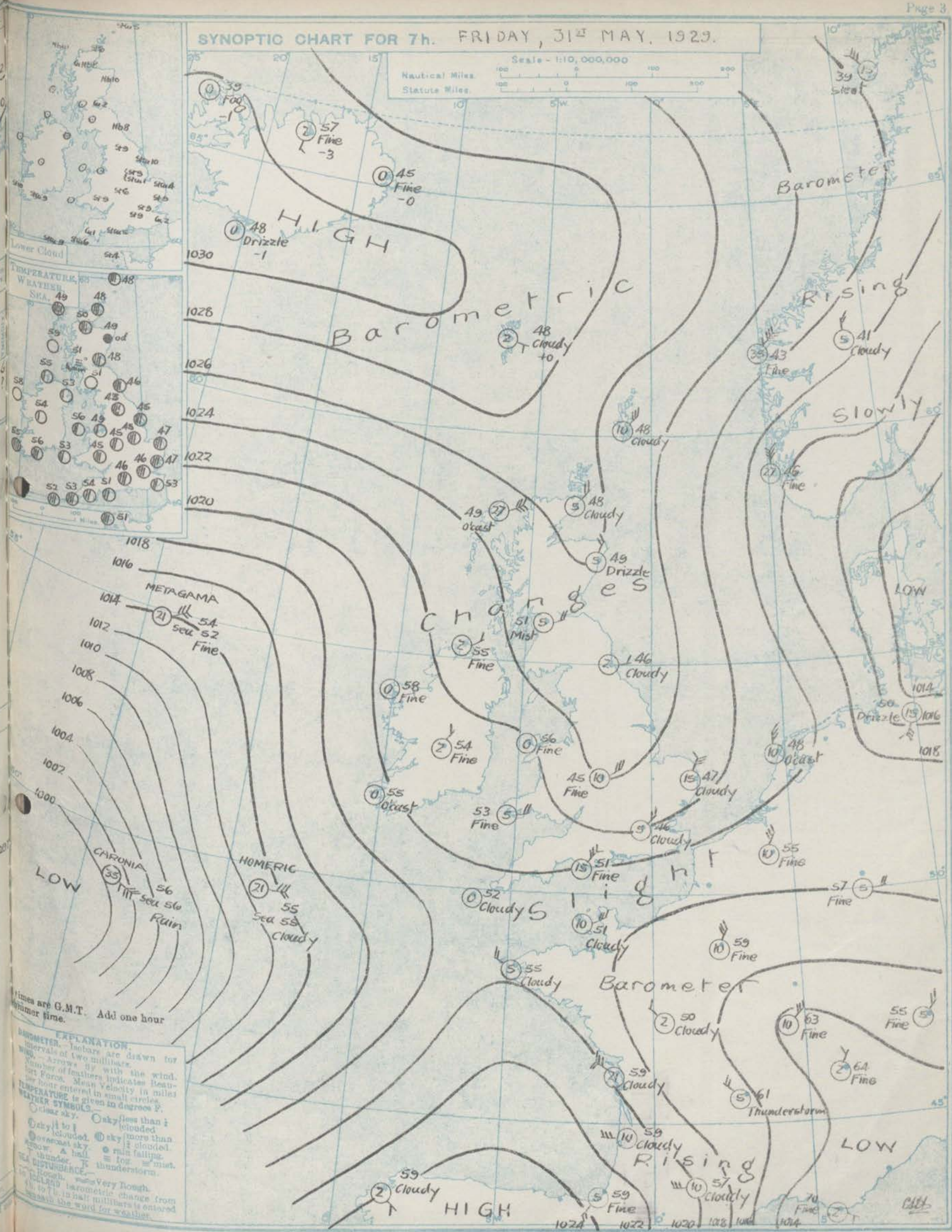
A ridge of high pressure over the British Isles will cause fair, quiet and rather warm weather generally.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Friday, 31st May, 1929.	Further Outlook.
1. S.E. England		
2. E. England		
3. E. Midlands		
4. W. Midlands		Fair and quiet; rather warm during day, rather cool at night.
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England	ALL DISTRICTS.	
9. N. Midlands		
10. N.E. England	Light variable winds; fair; rather warm during	
11. S.E. Scotland	day, rather cool at night with local mist.	
12. S.W. Scotland & Isle of Man		
13. A. W. Scotland / B. N.W. Scotland		
14. Mid-Scotland		
15. N.E. Scotland		
16. Orkneys and Shetlands		WHP.
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 G.M.T. G. C. SIMPSON, F.R.S., Director.

! For code see page i

† Trace = rain has fallen, but amount less than 0.1 mm.


SYNOPTIC CHART FOR 7h. FRIDAY, 31st MAY, 1929.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Lower Cloud
TEMPERATURE, WEATHER, SEA.
HIGH
Barometric
Changes
Rising
Slowly
Barometer
Rising
Slight
Barometer
LOW
LOW
HIGH
METAGAMA
CARONIA
HOMERIC
1030
1028
1026
1024
1022
1020
1018
1016
1014
1012
1010
1008
1006
1004
1002
1000
Times are G.M.T. Add one hour for summer time.
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of two millibars.
WIND.—Arrows fly with the wind. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.—
clear sky. sky less than ½ clouded. sky ½ to ¾ clouded. sky more than ½ clouded. overcast sky. rain falling. snow. A hail. fog. mist. thunder. thunderstorm.
SEA DISTURBANCE.—
Rough. Very Rough.
ICELAND barometric change from 8h. to 17h. in half millibars is entered beneath the word for weather.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. Friday, 31st May 1929. No. 151

Observations at 1h. G.M.T. 31st / Observations at 7h. G.M.T. 31st

STATIONS.	Height above M.S.L. in feet	1h. Barom. at M.S.L. mb.	1h. Change in 3 Hours	1h. Wind Direc.	1h. Wind Force 0-12	1h. Weather	1h. Temp. °F.	1h. Humidity %	1h. Visibility 0-9	1h. Cloud Low Height Feet	1h. Cloud Low Form	1h. Cloud Low Amt. 0-10	1h. Cloud Upper Form	1h. Cloud Total Amt. 0-10	7h. Barom. at M.S.L. mb.	7h. Change in 3 Hours	7h. Wind Direc.	7h. Wind Force 0-12	7h. Weather	7h. Temp. °F.	7h. Humidity %	7h. Visibility 0-9	7h. Cloud Low Height Feet	7h. Cloud Low Form	7h. Cloud Low Amt. 0-10	7h. Cloud Upper Form	7h. Cloud Total Amt. 0-10	Sea 0-9
Lerwick	54	1025.8	0	NW	2	cjp	47	92	7	1500	Cu.Nb.	5	A.St.	9	1025.4	0	NE	3	c	48	97	8	1500	St.Cu.	5	A.St.	9	•
Stornoway	30	1026.6	-1	NE	5	c	•	•	6	•	•	•	•	10	1025.4	0	ENE	6	o	49	92	8	2500	Nb.	10	-	10	5
Wick	81	1025.0	-2	NW	2	o	48	92	8	1500	St.	10	-	10	1026.5	0	NE	2	c	48	85	8	1500	St.	6	A.St.	10	0
Tiree	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.3	0	SE	1	b-	59	85	8	-	-	0	-	0	0
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.7	•	ENE	2	cr	50	92	7	1500	Cu.Nb.	8	-	8	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.8	+1	NNE	2	od	49	97	6	1500	Nb.	10	-	10	0
Malin Head	81	1024.4	-1	SE	1	b	51	85	7	5700	St.Cu.	1	-	1	1023.4	0	ENE	1	b	55	85	6	-	-	0	Ci.Cu.	2	0
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.6	0	ENE	2	mmb	51	85	4	-	-	0	-	0	•
Edinburgh (Inchkeith)	190	1025.2	-1	ENE	1	b	45	92	8	-	-	0	A.Cu.	1	1025.9	+1	ENE	1	c	48	92	7	4000	Cu.	2	A.St.	9	0
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.3	0	E	1	od₀	49	92	6	450	St.	10	-	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.3	+1	NNE	5	b	51	65	8	-	-	0	-	0	•
Tynemouth	67	1025.6	-2	SW	1	cr	44	92	6	1500	St.	8	-	8	1024.1	-1	E	1	c	46	80	6	1500	Nb.	8	-	8	2
Blacksod Point	18	1021.0	0	-	0	c	57	97	6	•	-	0	A.Cu.	9	1020.5	0	-	0	b	58	92	8	•	-	0	-	0	/
Donaghadee	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.9	0	NE	1	b	53	85	7	-	-	0	Ci.St.	1	/
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.9	•	NE	1	b	54	85	6	-	-	0	Ci.Cu.	1	•
Holyhead	28	1021.1	-1	ES	4	b	52	85	5	-	-	0	Ci.Cu.	1	1021.5	0	-	0	bc	56	75	7	-	-	0	Ci.	3	0
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.5	0	SEE	3	br	49	75	6	-	-	0	Ci.	1	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.3	+1	SSE	3	c	44	92	6	800	St.	8	-	8	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.2	0	E	2	c	43	85	6	2500	St.	9	A.St.	10	•
Spurn Head	39	[illegible]	-1	E'N	2	c	45	92	7	-	-	0	A.St.	10	1024.2	0	E'N	3	c	45	92	8	4000	St.Cu.	10	-	10	2
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.0	+1	ENE	3	bc-	45	75	5	1500	St.	6	-	6	•
Cranwell	236	1026.0	-1	NE	3	c	44	92	7	800	St.	10	-	10	1025.0	0	NE	3	c	45	85	7	800	St.	10	-	10	0
Gorleston	14	1023.0	-2	NE	4	bc	47	92	7	4000	Cu.	5	-	5	1022.7	0	NNE	4	c	47	85	7	4000	St.Cu.	4	A.St.	10	
Valentia (Cahirciveen) P	30	1020.0	0	SE	3	-	53	97	6	*	St.	8	-	8	1019.7	+1	-	0	o	55	92	7	1500	St.	10	-	10	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	Ci.Cu.	•	1021.1	+3	SE	2	c	56	85	7	2500	St.Cu.	9	-	9	/
Pembroke (St. Ann's H.)	160	1020.1	0	E	2	bc	54	85	8	-	-	0	[illegible]	5	1020.3	+1	E	2	bc	53	85	7	-	-	0	Ci.St.	5	•
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.0	0	E'N	3	c-	45	80	6	2500	St.	9	-	9	•
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.7	0	NE	3	c--	44	92	6	450	St.	9	-	9	
Winchester (Worthy Down)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	[illegible]	+1	NNE	4	bc-	47	85	7	-	-	0	Ci.	5	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.2	+1	NE	2	c	46	85	6	1500	St.	9	-	9	•
London (Kew Obsy.)	18	•	•	•	•	•	48	•	•	•	•	•	•	•	1023.1	+2	NEE	2	c	46	85	6	1500	St.	9	A.St.	10	•
Croydon	244	1022.2	-2	ENE	2	cr	45	92	5	450	St.	8	-	8	1022.5	+1	NE	3	o	46	85	6	450	St.	10	-	10	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.0	+1	NNE	2	o	[illegible]	85	7	2500	St.	10	-	10	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.4	+1	NE	4	c	47	85	7	2500	St.	9	-	9	4
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.8	0	NNE	3	c	48	85	7	800	St.	10	-	10	3
Lympne	350	1021.1	-3	NE'N	5	b	46	97	7	-	-	0	-	0	1022.0	+1	NNE	4	bc	49	85	7	450	St.	1	Ci.	3	•
Scilly (St. Mary's)	163	1018.6	0	E'S	3	orr	52	97	6	2500	Nb.	10	-	10	1019.0	0	-	0	c	52	92	6	4000	St.Cu.	9	-	9	
Falmouth (Pendennis)	200	1018.8	+1	-	0	c	54	85	8	4000	St.Cu.	10	-	10	1019.2	+1	ESE	2	c	53	85	7	4000	St.Cu.	6	[illegible]	10	
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.5	+1	ENE	4	bc-	54	75	8	4000	Cu.	1	Ci.St.	3	0
Portland Bill	32	1018.2	-1	NE	4	b	53	75	8	1500	St.Cu.	2	-	2	1018.9	+1	NE	4	bc	57	75	8	1500	St.Cu.	5	Ci.	7	4
Southampton (Calshot)	10	1020.4	-2	E'N	3	b	51	85	7	-	-	0	-	0	1021.0	+1	NNE	3	bc	57	75	6	-	-	0	Ci.	6	0
Dungeness	20	1020.9	-1	NE	4	b	50	92	8	-	-	0	-	0	1020.4	-1	NE	4	bcr	53	75	8	4000	Cu.	2	Ci.St.	4	3
Guernsey (Fort George) P	296	1017.8	-2	ENE	2	b/cl	52	92	6	-	-	0	-	0	1018.9	+1	ENE	3	cr	57	97	6	1500	St.	4	A.St.	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 30th MAY 1929

STATIONS. (1)	Weather Fore-noon. (2)	Weather After-noon. (3)	Temperature Min. 9h.-29th to 9h. 30th (4) °F.	Temperature Max. 9h.-17h. 30th (5) °F.	Rainfall† Night 17h.-9h. 29th-30th (6) mm.	Rainfall† Day 9h.-17h. 30th (7) mm.	Sunshine Sunrise to 17h. 30th (8) hr.	Sunshine Sunrise to Sunset 30th (9) hr.
Berwick-on-Tweed	c	c	45	50	-	-	0.5	2.5
Douglas (I. o. M.)	cb	cb	44	61	-	-	8.3	15.0
Llandudno	b	b	49	65	-	-	9.5	12.2
Colwyn Bay	b	b	49	70	-	-	9.0	11.4
Rhyl	bc	b	47	68	-	-	9.8	11.3
Wallasey	bcb	b	48	66	-	-	10.1	14.0
Southport	bcb	b	*45	65	-	-	10.1	14.7
Blackpool	cbcb	bbc	43	63	-	-	9.8	14.8
Ilkley	cb	cb	44	58	-	-	3.9	10.4
Cleethorpes	oco	oco	47	52	-	-	0.4	0.0
Skegness	o	o	47	50	-	-	0.0	0.0
Aberystwyth	cbc	bc	48	7[illegible]	-	-	9.6	14.5
Bath	b	b	47	71	-	-	11.1	6.9
Cheltenham‖	bcb	b	48	70	-	-	10.9	7.3
Leamington Spa	cbc	b	47	66	-	-	8.0	6.2
Lowestoft	bbcc	c	45	60	-	-	4.0	0.0
Harwich & Dovercourt	bc	b	45	58	-	-	11.2	4.1
Maldon	b	b	45	63	-	-	11.1	5.0
Southend	cbc	bcb	45	61	-	-	9.1	4.8
Bude	bc	bc	47	67	-	-	10.0	2.3
Penzance	c	b	50	58	-	-	4.8	0.2
Paignton	oqoc	b	50	59	-	-	5.5	1.3
Torquay	bmoc	bcb	49	63	-	-	5.7	0.1
Jersey	bc	bc	58	64	-	-	9.4	3.2
Weymouth	cb	b	48	60	-	-	9.5	2.0
Bournemouth	cb	b	47	67	-	-	9.7	4.8
Ventnor	obcbz	bz	49	65	-	-	8.1	4.1
Portsmouth (S'thsea)	cb	b	49	69	-	-	8.7	5.2
Bognor	cbcb	b	49	66	-	-	8.7	5.4
Littlehampton	cbc	bc	49	67	-	-	9.1	6.5
Worthing	bcb	b	49	69	-	-	9.0	6.0
Brighton	bc	b	50	70	-	-	9.7	5.5
Eastbourne‖	bcb	b	50	63	-	-	9.8	3.3
Hastings‖	cb	cb	48	65	-	-	8.9	4.5
Folkestone	cbc	bcb	48	64	-	-	6.8	4.0
Dover	cbc	bcb	49	61	-	-	7.2	3.4
Tunbridge Wells	oc	bc	48	64	-	-	4.9	4.2
Ramsgate	o	b	48	56	-	-	9.2	4.3
Margate	cbc	b	48	55	-	-	8.3	3.4
Deal	cbc	b	49	60	-	-	6.6	

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. * 17h.-9h.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
	Liverpool	13h. weather c/pr.
	Dungeness	" bar. 1004.0
	Inchkeith	18h. visibility 9
	Lympne	" " 8
	Gorleston	1h. wind force 2
	Inchkeith	7h. weather b. Cloud Sr 2
	Valentia	" wind force 2
	Portland	" bar. 1010.2
	Leamington	Min. Temp 39°
	Southend	Weather (am) om Day rain —
	Donaghadee	Max. 46°
	Sporn	" 47°
	Guernsey	Day rain Trace.
	Tiree	13h. Temp. 38°
	Eskdalemuir	" Humidity 15%
	Scilly	" Bar. 1008.8
	Dungeness	" Cloud Nr. 2500
	Wick	18h. Cloud Cu 4 ACu 6
	Lympne	1h. Humidity 85% Vis. 7 Cloud 0
	Gorleston	7h. Bar. 1012.0
	Leuchars	Max. 52°
	Valentia	Day rain 2 Time 11.00
	Roches Point	" " 2
	Clacton	Sun 7.2
	Roches Point	13h. vis. 8
	Blacksod	18h. wind force 2.
	Felixstowe	Sun. 9.8
	Plymouth	7-13h weather bccy.
	Wick	13h. wind force 3.
	Tiree	" " S'E
	Holyhead	" humidity 75%
	Liverpool	" weather bcr Hum. 45% Vis. 7
	Valentia	" State of ground 5.
	Inchkeith	18h Wind NE
	Liverpool	" Hum. 65% Vis. 7.
	Scilly	" Weather bc. Cloud Sc Cu 5
	Plymouth	" Vis. 8
	Westminster	Max. 57° Min. Min. 39. Humidity 36% 73%
	Lerwick	1h. Wind force 3.
	Tiree	7h. Bar. 999.8
	Birr	" Wind force 2.
	Calshot	" Wind 5.
	Guernsey	" Bar. 1016.8
	Holyhead	Night rain began 2400
	Valentia	18-1h weather cp.bc.
	Dungeness	Min. 37°
	Blacksod Point	13h. bar. 1000.8
	Pembroke	" Cloud Cu 3 ACu 6
	Plymouth	- weather c⊕
	Guernsey	- Temp. 53°
	Westminster	Max. 53° Min. 43° Rain 4 Sun 0.9 Hum. 63% 93%
	Camden Square	" 66° " 43° " 5 " 99%
	S. Kensington	Pollution. Max. 1.0 8h 4th Min <0.3 23h 4th 7.5
	Wick	7h. Weather c Cloud CuNb6 CiSt 8.
	Birr	" Bar. 996.6.
	Birmingham	" " 999.4
	Portland	" Hum. 92%.
	Bath	Sun to 17h. 1.7.
	Bournemouth	oobc d 43 55 0.3 1 1.0 12.1
	Harrogate	Grass Min 43°
	Plymouth	Day rain 4.
	Tiree	13h Wind ENE
	Inchkeith	" weather c⊕r.
	Dungeness	" Cloud Nr. 1500
	Liverpool	18h Hum 65%
	Birmingham	" Cloud Amt. 7
	Valentia	" Vis. 8
	Guernsey	" weather c r
	Greenwich	Max. 57°
	Kensington Palace	" 55° Hum. 18h. 94%
	Greenwich (Pole Star)	Exposure to 6h. 0300. 6h 15m.
	Lerwick	7h. Bar. 993.0
	Blacksod Point	" Temp. 47° Cloud Cu 1 Ci 7
	Birr	" Bar. 993.6
	Gorleston	" Hum. 97%
	Winchester	" Vis. 7.
	Southport	Sun (to sunset 4th) 5.2
	Malin Head	Max. 51°
	Leuchars	13-18h weather cRir.
	Holyhead	1-13h " cbcc 13-18h cbcb
	Ross	Day rain 3
	Dungeness	Max. 50°

Report for	STATION.	CORRECTION.
7th	Wick	13h. upper Cloud Form ACu
	Blacksod	" Temp. 53°
	Liverpool	" Bar. 984.0.
	Scilly	" Cloud Cu 4 Ci 6.
	Portland	" Wind SSW. Hum. 85%.
	Calshot	" " W'S.
	Wick	18h Sea 0.
	Renfrew	" Vis. 6
	Blacksod	" wind WNW.
	Harrogate	7h Cloud Nr. 2500
	Rhyl	Night rain 7.
	Blackpool	" " 6 Day rain 3.
	Dover	cbcpcbc bcc 47 54 11 Trace 3.8 0.0
	Roches Point	13-18h weather cPRMbcv
	Leafield	1-7h " pbcb.
	Portland	Max. 50°
8th	Tynemouth	13h Wind SN.
	Ross.	" " force 4.
	Malin	18h Temp. 48°
	Inchkeith	" Sea 0
	Tynemouth	" weather bc/pr.
	Harrogate	" Total Cloud 4.
	Goerwsey	" Temp. 49°
	Tynemouth	7h " 46°
	Dungeness	" weather bc.
	Cheltenham	Sun to 17h 10.0
	Ramsgate	Sun to Sunset ?
	Leuchars	13-18h weather bccpRn.
	Tynemouth	Grass Min. 38°
	Holyhead	18-1h weather PRr.
	Birmingham	Day rain 1
	Roches Point	1-7h weather cbcb.
	Dungeness.	Night rain Trace. 2200
9th	Tiree	13h. Temp. 49°
	Winchester	" Wind SSW.
	Inchkeith	18h weather orr
	Tynemouth	" " bc/pr.
	Roches Point	" " bc/pr-
	Pembroke	" " bc-
	Plymouth	" Bar. 1013.8
	Portland	1h Hum. 85%
	Nairn	7h weather bc Cloud Sc Cu 5
	Cheltenham	Sun to sunset 10.3
10th	Calshot	13h. Bar. 1021.8.
	Lerwick	18h Temp. 46°
	Greenwich	Afternoon weather cp.3.y.
	Harrogate	7h. Wind force 3.
	Clacton	" weather 0
	Felixstowe	" Bar. 1023.5 Wind WSW.
	Calshot	" Temp. 48°
	Bude	Min. Temp. 38°
	Inch Keith	" " 41° Grass Min. 44°
	Blacksod Point	Night rain 5.
	Rochas	7-13h weather bcv. 13-18h. bc⊕c
	Winchester	13-18h " bcypr. 18-1h. bcyb
		1-7h " bbcbw
11th	Roches Point	13h weather od.
	Guernsey	" " bcr Cloud Total 3
	Tiree	18h wind SSW
	Malin	" " SSW.
	Donaghadee	" Upper Cloud Form CiCu.
	Harrogate	" Bar. 1015.7
	Dungeness	" weather bc-
	Guernsey	" Upper Cloud Form CiSt.
	Malin	1h Bar. 1008.2.
	Scilly	" Wind SW'W.
	Tynemouth	7h weather bc/pr.
	Roches Point	" Total Cloud 2
	Portland	" Hum. 92%
	Leuchars	1-7h weather r.rcobc
	Donaghadee	13-18h " cir.c.
	Holyhead	" " rir.q.
	Chester.	Sun 2.3.
	Roches Point	18-1h weather ffoed.
	Plymouth	Night rain 3.
	Portland	" " time 4.30.
12th	Blacksod	18h. Temp. 53°
	Westminster	Max. 61° Min 51° Rain 0.5 Hum. 75% 63%
	Regent's Park	Sun 0.0
	Camden Sq.	oro c 57 51 1.1. " " 94%
	Greenwich (Pole Star)	11h 2100 to 12h 2.45
		Record % NIL in both cases

Report for	STATION.	CORRECTION.
12th	Leafield	7h. Low Cloud Nb.
	Birmingham	Sun 0.9.
	Roches Point	18-1h weather cir.cb
	Winchester	Day rain began <0800
13th	Renfrew	13h. Bar. 1011.9 Cloud Nr 2500
	Harrogate	" Upper Cloud AST.
	Tynemouth	18h weather bc/pr.
	Dungeness	" Sea 3.
	Leuchars	7h Bar. 1011.8
	Wick	Day rain 0.3.
	Renfrew	13-18h weather cbcy.
	Inchkeith	Max. 55°
	Eskdalemuir	" 55°
	Cranwell	1-7h weather b.c.
	Roches Point	1-7h " c,cr, cr.r.
	Pembroke	Sun 11.8.
	Winchester	7-13h weather orrnc 18-1h bcprb
14th	Tiree	13h. Wind S'E
	Holyhead	" Bar. 1008.0.
	Ross	" weather od.
	Scilly	" " c/r.
	Dungeness	" Temp 51°
	Blacksod	18h Bar. 990.9.
	Roches Point	" " 1003.6.
	S. Farnboro'	7h Cloud Nr. 1500.
	Portland	" Sea 6.
	Health Resort Reading. Date 13th May	
	Holyhead	Night Rain Trace
	Gorleston	Max. 59°
	Roches Pt.	Day rain began <08.00.
	Leafield	Night rain 3.
	S. Farnboro'	1-7h weather bcb, c.
15th	Malin	13h. Bar. tendency +1
	Leuchars	" " 994.1
	Eskdalemuir	" " tendency -2
	"	" Temp. 45°
	Donaghadee	" weather c/pr.
	Portland	" Temp. 51°
	Guernsey	" Delete ? to weather & cloud
	Tynemouth	18h. Weather bc/pr.
	Falmouth	" Hum. 85%
	Portland	" Temp. 51°
	Gorleston	1h Bar 1007.7
	"	7h Upper Cloud Form CiCu
	Valasey	Day rain Trace.
	Aberystwyth	Sun to 17h. 5.7.
	Nairn	7-13h. weather bccbc.
	Leuchars	13-18h " ir.Rr.
	Eskdalemuir	Max. 47°
	Cranwell	13-18h weather bcp.cjp.
	Gorleston	Sun 8.1.
	Winchester.	7-13h weather bccbcpr.
	Shoebury	Day rain —
	Falmouth	7-13h weather bccp.q.
		Time of day rain <0800.
16th	Blacksod	13h Temp. 53°
	Portland	" " 51°
	Guernsey	" Bar. 1015.6.
	Tynemouth	18h weather bc/pr.
	S. Farnboro	" Cloud Nr. 2500
	Lerwick	1h Low cloud Amt. 5
	Cranwell	Day rain began 1200
	Leafield	18-1h weather cpr.b
	Plymouth	Sun 10.5
17th	Tiree	13h Bar. 1025.4
	Leuchars	" State of ground 1
	Birr Castle	" Bar. 1022.2.
	Valentia	" Cloud Amt 8
	S. Farnboro	" Wind force 2
	Tiree	18h weather b-
	Nairn	" Wind ENE
	Blacksod	" Temp. 54°
	Malin	1h Bar. 1022.1
	Scilly	7h Temp. 51°
	Tiree	Max. 58°
	Chester	18-1h weather bm, 1-7h. bm
	Valentia	13-18h " cbcc.
	Roches Pt.	" " cbcb.
	Dungeness	Min. 47°
18th	Tiree	13h Wind force 4
	Blacksod	" Temp. 56° 18h Temp 59°
	Harrogate	13h weather b Cloud Amt 2

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, May 1929.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
18th	Pembroke	18h weather b-
	City	Sun 10.5
	Westminster	" " 11.5
	Hampstead	" 13.2
	Kew (Pollution)	Max 0.2 8h 17th Min <0.1 2h 18th
	Greenwich (Pole Star)	17th 21h to 18th 2h 45m. % Nil. both cases
	Wick	7h. weather 0
	Dover	Sun to 17h. 5.4.
	Lerwick	Min. 41°
	Valentia	Night rain Trace <21.00
	S. Farnboro	7-13h weather b3oy
19th	Malin	13h. Wind E
	Birmingham	" Bar. 1024.5
	Gorleston	18h Wind force 4
	Ross	" Bar. 1021.6. Wind E
	City	Sun 2.8
	Westminster	" 3.4 Max 65 Min 45° Rain - Hum. 68% 65%
	Hampstead	" 3.5.
	S. Kensington (Pollution)	Max. 0.6 8h 18th Min <0.3 4h 19th
	Kew "	" 0.2 " " " <0.1 15h 18th
	Greenwich (Pole Star)	18th 21h 15 to 19th 2.30. Exposure 5h. 15m
	" "	Record: Polaris 4h 1m. 70% Ursae 3h 57m. 78%
	Birr	7h. weather b 1.5.5. Cloud nt 5700
	Rhyl	b : b : 41 : 65 : - : - : 11.6 : 6.0.
	Sporn	Night rain Trace <21.00
	Roches Pt.	18-7h weather c3oN.
20th	Tiree	13h Humidity 75%
	Donaghadee	" Temp. 58°
	Holyhead	" Tendency -1
	Dongeness	" Temp. 54°
	Blacksod	18h " 59°
	City	Sun 13.8
	Westminster	Max 63° Min 43° Rain - Sun 14.5 Hum 41% 63%
	Regents Park	Sun 14.8
	Hampstead	" 14.5
	Greenwich (Pole Star)	19th 21.15 to 20th 2.30. Exposure 5h. 15m
		Record Polaris & Ursae 5.15 100%
	S. Kensington (Pollution)	Max 0.6 7h. 19th Min <0.3 3h. 20th
	Birmingham	7h. Wind SE Temp. 51°
	Donaghadee	" Sea 1.
	Valentia	18-1h weather bbw.
	Shoeburyness	Max. 58. Min 38. Grass 34° Sun 13.1
21st	Renfrew	13h. Bar. 1019.7.
	Birr	18h. " 1017.9 Wind WSW.
	Calshot	" Wind SW'N.
	Blacksod	1h Vis. 7.
	Eskdalemuir	7h Hum. 75%
	Folkestone	Sun to 17h 12.0
	Nairn	13-1h weather bcw
	Leuchars	" " ofcom.e
	Valentia	" " bc

Report for	STATION.	CORRECTION.
21st	Roches Pt.	Max. 62°
	Pembroke	" 58°
22nd	Leafield	13h Cloud Cu <1 Cist 1
	Wick	18h. " (low) Str Cu 6.
	Roches Pt.	" Wind force 3.
	Greenwich	Night weather bc3oy.
	Malin	1h Tendency -4.
	Tynemouth	7h Vis. 5.
	Tiree	Min. 45°
	Renfrew	7-13h weather o b3boy.
	Blacksod	13-18h " c Rain day -
	Birr	" " co " " -
	Liverpool	Night rain 0.3
23rd	Lerwick	13h Hum. 75%
	Inchkeith	" Temp. 56°
	Dongeness	18h. weather bc-
	Malin	1h. Hum. 97%
	Wick	7h Bar. 1004.6
	Portland	" Temp. 53°
	Bude	Afternoon weather cpr.
	Littlehampton	Sun to Sunset 14.8.
	Roches	7h Sea 5.
	Tiree	Max. 57°
	Tynemouth	Min. 53°
	Holyhead	18-1h weather r.o.irm.
	Plymouth	1-7h " bocom.
	Dongeness	Min. 55°
24	Harrogate	13h Wind force 3.
	Plymouth	" State of ground 1
	Tiree	18h weather Ct
	Leuchars	" Hum. 85%
	Blacksod	" Temp. 57°
	Pembroke	1h weather mmo
	Wick	7h Sea 3.
	Tiree	7h Wind Calm.
	Scilly	" " NW'N.
	Dongeness	" weather bc.
	Southport	Min. 56°
	Bath	Sun to sunset 2.0.
	Leamington	" To 17h. 8.8 to Sunset 2.3.
	Renfrew	Night rain Trace <21.00
	Inchkeith	1-7h weather cbcw.
	Liverpool	18-1h " ybccp.
	Valentia	" " bcbw!
	Roches Pt	1-7h " bcf fcebc.
25th	Felixstowe	7-13h " b3
	Wick	13h. Humidity 85%.
	Leuchars	" Cloud Amt 3. Height 2500
	Blacksod	" Wind S.
	Birmingham	" " NW.
	Valentia	" " SSW.
	Pembroke	18h Cloud Cu 1 Ci 2 1h. Cloud C.6 S
	Lympne	" Bar Tendency +2
	Leuchars	7h weather fc.
	Eskdalemuir	" Wind S.
	Lympne	" Temp. 56°
	Inchkeith	Max 58° Min 47°

Report for	STATION.	CORRECTION.
25th	Chester	1-7h weather bcbm.
	Winchester	13-18h " cebr. 18-1h cbc.
	S. Farnboro'	" " cTh2bch
	Lympne	7-13h " bccr. o3o
	Plymouth	13-18h cbvy Min. 43°
26th	Wick	18h Sea 1.
	Birmingham	" Wind force 2
	Winchester	" Temp. 49°
	Westminster	Max 73° Min 57° Rain - Hum. 41° 76%
	South Kensington (Pollution)	8-7h 2.82 co.5 (3-18h 25°)
	Greenwich (Pole Star)	Exposure 2.30 to 2.15 (4.45m) Record
	"	Polaris 2h 45m - 58%. Ursae 2h 37m - 27%
	Chester	7h. Bar. 1018.0. Wind SE.
	S. Farnboro'	" weather bct Cloud Total 4
	Leuchars	13-18h " ocycbc.
	Holyhead	7-13h " bbc
	Chester	Min. 37° Sun 14.8.
	Roches Point	Night rain 0.3.
	Plymouth	7-13h weather bfcv.
27th	Tiree	13h weather c
	Birmingham	" wind force 3.
	Roches Point	" weather c.
	Falmouth	18h Cloudy Cu 2 Aci 4 weather bc
	Malin	1h Wind force 2 weather bc
	Gorleston	" Cloud nt 2500 Type Str Cu.
	Birr	7h Wind NW
	Nairn	7-13h weather bbct 13-18h bbct Min 5°
	Holyhead	" " cbc
	Roches Pt.	1-7h " coidc.
28th	Stornoway	13h. Humidity 88%
	Dungeness	" Vis. 6.
	Donaghadee	18h Bar. 1021.0
	Holyhead	" Cloud nt 7200.
	Leafield	" Wind NE
	Scilly	" Temp. 53°
	Greenwich	9h Hum. 80%
	Wick	1h. " 37%
	Pembroke	1h wind force 4.
	Valentia	7h wind SN
	Roches Pt.	" " force 3.
	Harwich	Sun to Sunset 12.4.
	Nairn	7-13h weather bbc
	Lewiness	" " bmobcy.
	Pembroke	Day rain 4.
	Felixstowe	18-7h weather c
29th	Holyhead	13h. Wind force 5
	Portland	" Humidity 75% Day rain 0.2
	Liverpool	18h Bar. 1024.6.
	Birmingham	" Vis. 8.
	Winchester	" Bar. Tendency +1
	Sporn	7h 1026.6. Wind NE
	Roches Pt.	" Cloud nt 4000
	Pembroke	" Cloud Cu 4
	Southport	Min. Temp. 52°
	S. Farnboro	13-18h weather b3oby.
30th	Tiree	13h. Weather b 18h. b.
	Malin	" Bar. 1028.7
	Tunbridge Wells	Max Temp. 60°
	Inchkeith	7-13h weather b
	Leuchars	" bcwob 18-1h oocw
	Holyhead	13-18h " o3
	Gorleston	18-1h " cbzbq.
	Leafield	Sun 6.7.
	Felixstowe	13-1h weather cbcb.
31st	Guernsey	18h Bar. 1014.8 Wind ENE
	Pembroke	1h Cloud Cu 5.
	Roches Pt.	7h. Bar. Tendency +3.
	Jersey	Min. Temp. +8°
	Inchkeith	7-13h weather bcb 13-18h. o.
	Liverpool	Grass Min 40° Sun 11.3.
	Valentia	18-1h weather c
	Roches Point	" bc, cp, bl.
	Leafield	Sun 11.0
	Scilly	7-13 weather cPR Day rain 4.

II.—ADDITIONS.

Report for	STATION.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun 0-9	Summaries for the Past 24 Hours. Weather. 7h.-13h.	Weather. 13h.-18h.	Weather. 18h.-1h.	Weather. 1h.-7h.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass.	Rainfall. Day. 7h.-18h.	Rainfall. Night. 18h.-7h.	Rainfall. Precipitation began.	Sun. Hours.
12th	Portland 7h	1015.7	-1	SW	3	or	49	37	6	800	St	10	-	10	1				IFrg	50	48			2	22.00	
14th	Aberdeen 18h	1006.0	-5	SE'S	4	c	48	85	7	4000	StCu	3	CSt	10	0		c						-		-	
15th	Guernsey 7h	1013.2	-1	WSW	7	c	51	97	7	1500	CuNb	9	-	9	6			occpy	crpng	54	50			6	22.00	
16th	Pembroke 18h	1016.7	+3	WNW	2	bc*	51	75	7	5700	StCu	7	-	7	2		bc						-		-	1.45
21st	Falmouth 7h	1018.3	0	NNE	1	b	49	92	7	5700	StCu	1	-	1	0				b	58	45			-	-	
26th	Malin 13h	1012.7	+1	SW	5	bc	62	75	8	4000	Cu	4	ACu	6	2	cbc										12.5
8th	Tiree 7h	1014.4	0	S	4	b-	45	85	8	-	-	0	-	0	3			b	b	52	38	28		-	-	

‡ The barometric change is expressed in half millibars.